

CICS Transaction Server for z/OS



CICSplex SM Resource Tables Reference

Version 3 Release 1

CICS Transaction Server for z/OS



CICSplex SM Resource Tables Reference

Version 3 Release 1

Note!

Before using this information and the product it supports, be sure to read the general information under "Notices" on page 977.

This edition applies to Version 3 Release 1 of CICS Transaction Server for z/OS, program number 5655-M15, and to all subsequent versions, releases, and modifications until otherwise indicated in new editions. Make sure you are using the correct edition for the level of the product.

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Preface

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

- Chapter 1, “CICSplex SM resource tables,” on page 1 describes the content and format of the resource tables and some of the actions that can be issued against them.
- Chapter 2, “Resource table descriptions,” on page 19 contains the resource tables themselves.

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

Who this book is for

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

What you need to know

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

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

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

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

Notes on terminology

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

CICS system connectivity

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

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

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

You can use this release of CICSplex SM to control systems running supported releases of CICS that are connected to, and managed by, your previous release of CICSplex SM. However, if you have any directly-connectable release levels of CICS, as listed above, that are connected to a previous release of CICSplex SM, you are strongly recommended to migrate them to the current release of CICSplex SM, to take full advantage of the enhanced management services. See the *CICS Transaction Server for z/OS Migration from CICS TS Version 2.3* for information on how to do this.

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

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

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

Summary of changes

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

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

The following resource tables are new:

Table 2. New resource tables

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

The following resource tables have changed:

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

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

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

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

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

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

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

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

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

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

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

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

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

- JVMPOOL
- TCPIPGBL

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

- CICSRGN
- DB2CDEF
- DB2CONN
- DB2TRN
- TYPTMDEF

There has been a change in CICSplex SM field naming conventions in this release. Data set name fields such as DSNAME, file name fields such as LOCFILE and REMFILE and transient data queue name fields such as EXTRATDQ and INTRATDQ are now case-sensitive. When entering data set and file names into the CICSplex SM interfaces (EUI, API and WUI), ensure that you enter the data in the correct case. In previous releases of CICSplex SM, the data set names and file names are automatically converted to upper case.

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

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

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

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

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

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

Chapter 1. CICSplex SM resource tables

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

- CICSplex SM application programming interface (API)
- CICSplex SM batched repository-update facility
- real-time analysis (RTA) evaluation definitions (EVALDEF).

CICSplex SM resource class overview

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

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

The CICSplex SM resource classes can be grouped into the following categories:

CICS Definition

Definitions of resources that CICSplex SM can assign to, and possibly install in, CICS systems. The TRANDEF resource class is an example of a CICS Definition object.

CICS Resource

Resources that exist in active CICS systems being managed by CICSplex SM. The LOCTRAN resource class is an example of a CICS Resource object.

CICS Monitored

Resources that exist in active CICS systems and which are being monitored by CICSplex SM Monitor Services. The MLOCTRAN resource class is an example of a CICS Monitored object.

CPSM Definition

Definitions that are used by the CICSplex SM management applications (such as Workload Manager and Business Application Services). The WLMDEF resource class is an example of a CPSM Definition object.

CPSM Configuration

Definitions that are used by CICSplex SM for configuration purposes. The CPLEXDEF resource class is an example of a CPSM Configuration object.

CPSM Manager

Run-time resources that are either built from CICSplex SM definitions or created by CICSplex SM management applications during processing. The WLMDEF resource class is an example of a CPSM Manager object.

CPSM Notification

Messages that are generated asynchronously by CICSplex SM managed objects to report an interesting event. The EMASSICK resource class is an example of a CPSM Notification object.

CPSM MetaData

Objects that describe the structure of other CICSplex SM managed

CICSplex SM resource class overview

objects, including general characteristics, valid actions, and object attributes. The OBJACT resource class is an example of a CPSM MetaData object.

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

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

Resource class key attributes

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

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

Key fields are used to:

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

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

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

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

- Identify object instances in an evaluation definition.

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

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

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

Special attribute and resource table considerations

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

EYU_ attributes

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

- EYU_CICSNAME
- EYU_CICSREL

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

CHANGETIME and CREATETIME attributes

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

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

LNKSxSCG records (LNKSMSCG, LNKSRS CG, 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.

special attribute and resource table considerations

LNKSxSCS records (LNKSMSCS, LNKSRSCS, LNKSWSCS)

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

CSYSDEF xxxACTION and xxxSEV attributes

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

The following values can be specified for the xxxACTION attributes:

1. The name of an action that is to be taken when this condition occurs.
2. An asterisk (*). This allows the action to be inherited. The rules for specifying inheritance are given in “CSYSDEF Resource Table” on page 162.
3. Leave the attribute blank. This causes a default value to be used. Default notification values are listed in the *CICSplex System Manager Managing Resource Usage* book.

The following values can be specified for the xxxSEV attributes:

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

Parameters for managing CICSplex SM Definitions

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

Creating CPSM definitions

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

MODEL(csysdef)

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

Parameters for managing CICS Definitions

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

Creating resource descriptions

A resource description represents the largest set of resources that can be managed as a unit by CICSplex SM. It might consist of all the resources in several resource groups or resource assignments (much like a CSD group list) or the set of resources that make up a given application on various CICS systems. When you create a resource description using the batched repository-update facility or API,

you can identify an existing resource description to be used as a model. The CREATE command for the RESDESC object accepts the following parameter:

MODEL(resdesc)

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

Creating resource groups

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

MODEL(resgroup)

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

MODE(option)

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

NO Do not copy any definitions from the model group.

ASSOCIATIONS

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

MEMBERS

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

Adding CICS Definitions to a resource group

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

RESGROUP(resgroup)

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

Selecting CICS Definitions

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

RESGROUP(resgroup)

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

CICSSYS(value)

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

parameters for managing CICS Definitions

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

Parameters for installing CICS Definitions

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

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

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

ASSIGNMENT

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

CRITERIA

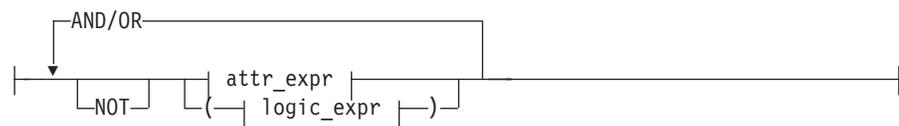
(Optional) When installing a resource group, identify attributes that are to be used in selecting the resources to be installed. CICSplex SM processes only those resources that meet the specified filter criteria.

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

Filter Expression

►► | logic_expr | . ◄◄

logic_expr:



attr_expr:

| attr oper value |

where:

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

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

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

oper Is one of the following comparison operators:

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

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

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

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

```
TRANID=PAY*
```

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

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

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

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

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

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

AND/OR

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

```
attr_expr AND attr_expr.
```

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

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

has a different meaning than this one:

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

NOT Negates one or more attribute expressions.

You can negate a single attribute expression, like this:

```
NOT attr_expr
```

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

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

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

parameters for installing CICS Definitions

FORCEINS

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

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

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

MODE (Optional. When installing a RESGROUP with the assignment parameter see “Installing a RESGROUP when ASSIGNMENT is specified” on page 11.) For some resource types, CICSplex SM requires additional information to determine which subset of resource attributes to use in completing the installation. The MODE value you should specify depends on the resource type being installed:

Program definitions (PROGDEF)

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

Transaction definitions (TRANDEF)

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

DYNAM

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

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

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

Transient data queue definitions (TDQDEF)

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

INTRA

Intrapartition TDQ.

EXTRA

Extrapartition TDQ.

IND Indirect TDQ.

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

NOTIFY

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

NO No checking is performed.

INACTIVE

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

RELEASE

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

FULL Perform both INACTIVE and RELEASE checking.

OVERRIDE

(Optional. When installing a RESGROUP with the assignment parameter see “Installing a RESGROUP when ASSIGNMENT is specified” on page 11.) 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 11.) Specify the name of an existing

parameters for installing CICS Definitions

CICS system or CICS system group into which a resource identified as REMOTE is to be installed as LOCAL.

RESTYPE

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

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

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

STATECHK

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

TARGET

(Required except when installing a RESGROUP with the assignment parameter. See “Installing a RESGROUP when ASSIGNMENT is specified” on page 11.) 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 11.) Specify how the resource will be used:

LOCAL

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

REMOTE

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

- FILEDEF
- PROGDEF
- TDQDEF
- TRANDEF

Replacing a resource description

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

parameters for replacing resource descriptions

- 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” on page 8 for a description of the FORCEINS parameter.

NOTIFY

(Optional) See page “NOTIFY” on page 8 for a description of the NOTIFY parameter.

STATECHK

(Optional) See page “STATECHK” on page 10 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:

how to read resource table descriptions

Characteristic

Meaning

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

Description

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

Length

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

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

API It can be referenced from the CICSplex SM API.

Batch Utility

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

EVALDEF

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

API View

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

Object Type

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

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

Valid API Operations

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

Table Invalid CICSREL

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

E530 CICS TS for OS/390 Release 3

E620 CICS TS for z/OS Version 2 Release 2

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

N430 CICS for Windows component of IBM® TXSeries 4.3.0

N500 CICS for Windows component of IBM TXSeries 5.0

PARMS

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

ACTION

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

Active FEEDBACK Error Codes

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

Resource table attribute definitions

The second table presented 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:

Name A unique 1- to 12-character name, which is used to identify the attribute. If the attribute participates in the native key of the resource class, the value is shown in reverse highlighting with a numeric value appended to the end. 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.

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 ISPF end-user interface, 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:

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.

how to read resource table descriptions

CHAR

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

CODEDBIN

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

CVDAS

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

CVDAT

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

DATETIME

Date Time Group. Maintained internally as a System/390® Store Clock value. Displayed externally as a 24-digit formatted value MT/DY/YYYY-HH:MM:SS.mmmm. When specified in an RTA EVALDEF the *mmmm* value is not required. The other data must be entered exactly as specified with leading zeros, if necessary.

DECDATE

Date. Maintained internally as a 4-byte packed decimal field of the form 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 HHMMSS+ 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. Not displayed through the CICSplex SM end-user interface or GUI.

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 15-digit formatted value HHHH:MM:SS.mmmm. 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 EVALDEF the *mmmm* value is 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 15-digit formatted value HHHH:MM:SS.mmmm. When specified in an RTA EVALDEF the *mmmm* value is 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.mmmm. When specified in an RTA EVALDEF the *mmmm* value is 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 EVALDEF 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 13-digit formatted value HH:MM:SS.mmmm. 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.mmmm, or HHHH:MM:SS.mmmm in an RTA EVALDEF.

When specified in an RTA EVALDEF the *mmmm* value is 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.

how to read resource table descriptions

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/ESA CMF SCLOCK. Maintained internally as a binary value. Displayed externally as a 13-digit formatted value HH:MM:SS.mmmm. Note that the precision of the *HH* value is such that a wrap-around will occur in approximately 18 hours. The last 4 bytes, which are usually available in another attribute of the managed object, contain a count. Usually the value displayed externally is the first 4 bytes of the CICS/ESA CMF SCLOCK and the last 4 bytes are ignored, but in some cases the count contained in the last 4 bytes is also displayed. To see which is the case, refer to the attribute descriptions in the tables concerned. API programs have access to the entire internal SCLOCK data value. When specified in an RTA EVALDEF the *mmmm* value is not required. The other data must be entered exactly as specified with leading zeros, if necessary. For more information about clocks see the *CICS Performance Guide*.

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

SUM3

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

TIMESTP

System/390 Timestamp. Maintained internally as a System/390 Store Clock value. Displayed externally as a 13-digit formatted value HH:MM:SS.mmmm. When specified in an RTA EVALDEF the *mmmm* value is 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/ESA 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 shown only for the CPSM definition object type.

#

A field that is not required may end up being required if other optional fields are also set. For example, in the WLMSPEC and TRANGRP resource tables, if a value is specified for Affinity Relation and Affinity Lifetime, a value for Create Affinity must also be specified.

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

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

Sum

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

Keyword

Description

AVG

Average of values

DIF

Different character pattern

LIKE

Like values

MIN

Minimum value

MAX

Maximum value

SUM

Sum of values

|
|
|
|

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

Set

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

Description

1 to 30 characters of text that describes the attribute.

Get/Set Invalid

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

E530 CICS TS for OS/390 Release 3

E620 CICS TS for z/OS Version 2 Release 2

how to read resource table descriptions

I	E630	CICS Transaction Server for z/OS, Version 2 Release 3
	N430	CICS for Windows component of IBM TXSeries 4.3.0
	N500	CICS for Windows component of IBM TXSeries 5.0

Default

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

Value Range

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

Attr ID

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

Valid Values

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

Input Valid Values

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

Output Valid Values

Values that can be tested in an EVALDEF 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).

Chapter 2. Resource table descriptions

ACTION Resource Table

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

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

There are no object specific actions for this resource class.

Length	264
Usage	API or Batch Utility
API view	No
CMAS context	No
Object type	CPSM Definition
Copybook identifier	EYUt2812 or ACTION
Valid API operations	GET CREATE UPDATE and REMOVE

Table 3. ACTION FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	REC_CHANGED	Resource definition already changed
INV_RESTYPE	Invalid resource type	REC_EXISTS	Resource already exists
INV_VER	Invalid resource version	REC_NOT_FOUND	Requested resource not found
NETVIEW_NOT_FOUND	Netview CMAS not found		

Resource table descriptions

Table 4. ACTION resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
NAME-1	CHAR	CPSM	8	Yes	DIF	Action name			5
VIEW	CHAR	CPSM	8	No	DIF	Name of view that may provide useful information			6
NETVIEW	CHAR	CPSM	8	No	DIF	CMAAS to which NetView attached			7
GENEVENT	EYUDA	CPSM	4	Yes	LIKE	Generate event option			8
GENEVENT Input/Output Valid Values	YES NO								
GENEXTMSG	EYUDA	CPSM	4	Yes	LIKE	Generate external message option			9
GENEXTMSG Input/Output Valid Values	YES NO								
GENALERT	EYUDA	CPSM	4	Yes	LIKE	Generate SNA generic alert option			10
GENALERT Input/Output Valid Values	YES NO								
RESTARTMAS	EYUDA	CPSM	4	Yes	LIKE	Restart MAS option	NO		11
RESTARTMAS Input/Output Valid Values	YES NO								
PRIORITY	BINARY	CPSM	1	Yes	AVG	Action priority	1	1-255	13
DESC	CHAR	CPSM	58	No	DIF	Description			14
EVENTMSG	CHAR	CPSM	30	No	DIF	Message to send when event occurs			15
EXTMSGSTRT	CHAR	CPSM	30	No	DIF	External message sent when event occurs			16
EXTMSGEND	CHAR	CPSM	30	No	DIF	External message sent when event is cleared			17
ALERTMSGSTRT	CHAR	CPSM	30	No	DIF	Message text when alert is raised			18
ALERTMSGEND	CHAR	CPSM	30	No	DIF	Message text when alert is cleared			19

AIMODEL Resource Table

A CICS Resource that describes an autoinstall terminal model.

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

The following action is supported:

DISCARD

Discard the autoinstall terminal model.

The DISCARD action requires no unique parameter data.

Length	24
Usage	API
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0054 or AIMODEL
Valid API operations	GET and PERFORM

API Actions

DISCARD	Discard
----------------	---------

Parameters: None

Table 5. AIMODEL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MODEL-1	CHAR	INQ	8	DIF	Model name	1

APACTV Resource Table

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

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

The following actions are supported:

DISCARD

Unconditionally remove the installed definition.

DEACTIVATE

Remove the installed definition honoring a PERIODEF.

These actions require no unique parameter data.

Length 80
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Manager
Copybook identifier EYUt2528 or APACTV
Valid API operations GET and PERFORM

API Actions

DISCARD

Discard

Parameters: None

DEACTIVATE

Deactivate

Parameters: None

Table 6. APACTV FEEDBACK error codes

Code	Description	Code	Description
DEACT_NOT_ALLOWED	Deactivate not allowed	NOT_SPECIFIED	Not specified
INV_DATA	Attribute data invalid	SCOPE_NOT_FOUND	Scope not found
NOT_FOUND	Not found	SPEC_NOT_ACTIVE	Specification not active

Table 7. APACTV resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
APSPEC-1	CHAR	CPSM	8	DIF	Analysis point specification name	1
CMAS-2	CHAR	CPSM	8	DIF	CMAS name	2
CMATYPE	EYUDA	CPSM	4	LIKE	CMAS type	3
CMATYPE Output Valid Values	PRIMARY SECONDARY					
DEFNAME-3	CHAR	CPSM	8	DIF	Analysis definition name	4
SCOPE-4	CHAR	CPSM	8	DIF	Analysis scope	5

Table 7. APACTV resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
ACTIVETIME-5	CHAR	CPSM	8	DIF	Period definition name	6
ACTION	CHAR	CPSM	8	DIF	Associated action name	7
RATE	BINARY	CPSM	4	AVG	Interval between analysis activations (seconds)	8
STATUS	EYUDA	CPSM	4	LIKE	Definition status	9
STATUS Output Valid Values	ACTIVE PENDING					

APSPEC Resource Table

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

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

Length 80
Usage API or Batch Utility
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Definition
Copybook identifier EYUt3515 or APSPEC
Valid API operations GET CREATE UPDATE REMOVE and PERFORM

API Actions

ADDPCMAS Add primary CMAS
 PARM(' CMASNAME(value) .')

ADDSCMAS Add secondary CMAS
 PARM(' CMASNAME(value) .')

Table 8. APSPEC FEEDBACK error codes

Code	Description	Code	Description
CMAS_NOT_UNIQU	Not unique	INV_VER	Invalid resource version
DUP_ASSOCIATIO	Duplicate association	REC_CHANGED	Attempt to update changed definition
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_REFERENCE	Does not exist	REC_NOT_FOUND	Requested resource not found
INV_RESTYPE	Invalid resource type		

Table 9. APSPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
NAME-1	CHAR	CPSM	8	Yes	DIF	RTA analysis point specification name	5
DESC	CHAR	CPSM	58	No	DIF	Description	6

ASYNCREQ Resource Table

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

There is no key field for this resource class.

There are no object specific actions for this resource class.

Length 192
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Metadata
Copybook identifier EYUt2584 or ASYNCREQ

Table 10. ASYNCREQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
RESULTSET	BINARY	CPSM	4	N/A	Result set token	5
USERTOKEN	CHAR	CPSM	4	N/A	User token	6
COMMAND	BINARY	CPSM	1	N/A	Command code	7
ATTRDATAVAL	CHAR	CPSM	1	N/A	Attribute data available	8
CEIBDATAVAL	CHAR	CPSM	1	N/A	EIB data available	9
ERRCODEVAL	CHAR	CPSM	1	N/A	Error code available	10
RESPONSE	BINARY	CPSM	4	N/A	Command response	11
REASON	BINARY	CPSM	4	N/A	Command reason	12
ERROR_CODE	BINARY	CPSM	4	N/A	Error code	13
CEIBRESP	BINARY	CPSM	4	N/A	RESP response from CICS	14
CEIBRESP1	BINARY	CPSM	4	N/A	RESP2 response from CICS	15
CEIBFN	HEX	CPSM	4	MIN	EIBFN value from CICS	16
OBJECT	CHAR	CPSM	8	N/A	Name of object	17
OBJECT_ACT	CHAR	CPSM	12	N/A	Action performed	18
ATTR_NM1	CHAR	CPSM	12	N/A	Attribute name	19
ATTR_OFF1	BINARY	CPSM	2	N/A	Attribute offset	20
ATTR_DTYP1	BINARY	CPSM	1	N/A	Attribute datatype	21
ATTR_RID1	BINARY	CPSM	1	N/A	Attribute relative ID	22
ATTR_LEN1	BINARY	CPSM	2	N/A	Attribute length	23
ATTR_NM2	CHAR	CPSM	12	N/A	Attribute name	24
ATTR_OFF2	BINARY	CPSM	2	N/A	Attribute offset	25
ATTR_DTYP2	BINARY	CPSM	1	N/A	Attribute datatype	26
ATTR_RID2	BINARY	CPSM	1	N/A	Attribute relative ID	27
ATTR_LEN2	BINARY	CPSM	2	N/A	Attribute length	28
ATTR_NM3	CHAR	CPSM	12	N/A	Attribute name	29
ATTR_OFF3	BINARY	CPSM	2	N/A	Attribute offset	30

Resource table descriptions

Table 10. ASYNCREQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
ATTR_DTYP3	BINARY	CPSM	1	N/A	Attribute datatype	31
ATTR_RID3	BINARY	CPSM	1	N/A	Attribute relative ID	32
ATTR_LEN3	BINARY	CPSM	2	N/A	Attribute length	33
ATTR_NM4	CHAR	CPSM	12	N/A	Attribute name	34
ATTR_OFF4	BINARY	CPSM	2	N/A	Attribute offset	35
ATTR_DTYP4	BINARY	CPSM	1	N/A	Attribute datatype	36
ATTR_RID4	BINARY	CPSM	1	N/A	Attribute relative ID	37
ATTR_LEN4	BINARY	CPSM	2	N/A	Attribute length	38
ATTR_NM5	CHAR	CPSM	12	N/A	Attribute name	39
ATTR_OFF5	BINARY	CPSM	2	N/A	Attribute offset	40
ATTR_DTYP5	BINARY	CPSM	1	N/A	Attribute datatype	41
ATTR_RID5	BINARY	CPSM	1	N/A	Attribute relative ID	42
ATTR_LEN5	BINARY	CPSM	2	N/A	Attribute length	43
RSRVED01	BINARY	CPSM	2	N/A	Reserved area	44
RSLTRECID	BINARY	CPSM	4	N/A	Result set record ID	45
DIAGNOSTIC	BINARY	CPSM	32	N/A	Internal diagnostic data	46
COUNT	BINARY	CPSM	4	N/A	GET COUNT() value	47

ATTRAVA Resource Table

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

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

Length 40
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Metadata
Copybook identifier EYUt2581 or ATTRAVA

Table 11. ATTRAVA resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
OBJECT-1	CHAR	CPSM	8	DIF	Object name	4
TABLEVER-2	BINARY	CPSM	2	AVG	Object table version	5
NAME-3	CHAR	CPSM	12	DIF	Attribute name	6
AVAValue-4	CHAR	CPSM	16	DIF	Attribute valid value	7
LISTTYPE	BINARY	CPSM	1	AVG	Valid value type	8
IOTYPE	CHAR	CPSM	1	DIF	Valid I/O operation	9

ATTR Resource Table

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

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

Length 216
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Metadata
Copybook identifier EYUt2580 or ATTR

Table 12. ATTR resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
OBJECT-1	CHAR	CPSM	8	DIF	Object name	4
TABLEVER-2	BINARY	CPSM	2	AVG	Object table version	5
NAME-3	CHAR	CPSM	12	DIF	Attribute name	6
LENGTH	BINARY	CPSM	2	AVG	Attribute length	8
OFFSET	BINARY	CPSM	2	AVG	Attribute offset	9
DATATYPE	CHAR	CPSM	8	DIF	Data type	10
SUMOPT	CHAR	CPSM	4	DIF	Default summary option	11
SETVALID	CHAR	CPSM	1	DIF	Attribute may be set	15
REQUIRED	CHAR	CPSM	1	DIF	Attribute is required	16
AVAAVAIL	CHAR	CPSM	1	DIF	AVA set available	17
CICSVALAVAIL	CHAR	CPSM	1	DIF	CICS validity data available	18
HDRTXTAVAIL	CHAR	CPSM	1	DIF	Header text available	19
VALSETAVAIL	CHAR	CPSM	1	DIF	Value set available	20
SOURCE	CHAR	CPSM	1	DIF	Source of attribute	21
KEY	CHAR	CPSM	1	DIF	Key participation	22
AVACOUNT	BINARY	CPSM	1	AVG	Number of AVAs present	23
VALCOUNT	BINARY	CPSM	1	AVG	Number of values present	24
VALCICSESA	BIT	CPSM	1	N/A	Not valid in CICS/ESA	25
VALCICSVSE	BIT	CPSM	1	N/A	Not valid in CICS/VSE	26
VALCICSOS2	BIT	CPSM	1	N/A	Not valid in CICS OS/2	27
VALCICSWNT	BIT	CPSM	1	N/A	Not valid in CICS for Windows	30
SETCICSESA	BIT	CPSM	1	N/A	Not modifiable in CICS/ESA	33
SETCICSVSE	BIT	CPSM	1	N/A	Not modifiable in CICS/VSE	34
SETCICSOS2	BIT	CPSM	1	N/A	Not modifiable in CICS OS/2	35
SETCICSWNT	BIT	CPSM	1	N/A	Not modifiable in CICS for Windows	38
IGNVALUE	CHAR	CPSM	16	DIF	Ignore value	41
LOWVALUE	CHAR	CPSM	16	DIF	Lowest valid value	42

Table 12. ATTR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
HIGHVALUE	CHAR	CPSM	16	DIF	Highest valid value	43
HDRTEXT	CHAR	CPSM	30	DIF	Attribute header text	44
DESC	CHAR	CPSM	50	DIF	Attribute description	45
DEFAULT	CHAR	CPSM	16	DIF	Default value	46
UCHAR	CHAR	CPSM	1	DIF	Uppercase character values	47
CICSSETAVAIL	CHAR	CPSM	1	DIF	CICS set validity available	48
SORT	CHAR	CPSM	1	DIF	Attribute eligible for sorting	49
FILTER	CHAR	CPSM	1	DIF	Attribute eligible for filtering	50
SUMMARIZE	CHAR	CPSM	1	DIF	Attribute eligible for grouping	51
VIEWMOD	CHAR	CPSM	1	DIF	Attribute may appear in a view	52
INHERIT	CHAR	CPSM	1	DIF	Attribute may participate in inheritance	53
IDATATYPE	BINARY	CPSM	1	N/A	Reserved	54
VALCICSES2	BIT	CPSM	1	N/A	Not valid in CICS/ESA byte 2	55
SETCICSES2	BIT	CPSM	1	N/A	Not modifiable in CICS/ESA byte 2	56
ID	BINARY	CPSM	2	N/A	Attribute id	57
PICKLIST	CHAR	CPSM	1	DIF	Attribute eligible for picklist	58

BATCHREP Resource Table

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

The key for this resource class is a composite element.

The following actions are supported:

CHECK

Check input parameters for a batched repository-update job.

The parameter data for the CHECK action is:

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

where:

- dataset = (Required) 1-to 44-character name of the sequential or Partitioned Data Set (PDS) that contains the input parameters to the batched repository-update job.
- membername = When using a PDS, the name of the member that contains the input parameters to the batched repository-update job.
- class = 1-character print class identifier. If omitted print class A is used.
- node = (Required) 1-to 8-character print node identifier to be used by the system spooler for routing the job output.
- userid = (Required) 1- to 8-character user identifier for the job output.

EXECUTE

Execute a batched repository-update job.

The parameter data for the EXECUTE action is:

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

where:

- dataset = (Required) 1-to 44-character name of the sequential or Partitioned Data Set (PDS) that contains the input parameters to the batched repository-update job.
- membername = When using a PDS, the name of the member that contains the input parameters to the batched repository-update job.
- class = 1-character print class identifier. If omitted print class A is used.
- node = (Required) 1-to 8-character print node identifier to be used by the system spooler for routing the job output.
- userid = (Required) 1- to 8-character user identifier for the job output.

Length	80
Usage	API
API view	No
CMAS context	Yes
Object type	CPSM Manager
Copybook identifier	EYUt2554 or BATCHREP

Valid API operations

GET and PERFORM

**API Actions
CHECK**

Check

PARM(' INPUTDSN(*value*) [INPUTMEMBER(*value*)]
[PRINTCLASS(*value*)] PRINTNODE(*value*)
OUTPUTUSER(*value*) .')

EXECUTE

Execute

PARM(' INPUTDSN(*value*) [INPUTMEMBER(*value*)]
[PRINTCLASS(*value*)] PRINTNODE(*value*)
OUTPUTUSER(*value*) .')

Table 13. BATCHREP FEEDBACK error codes

Code	Description	Code	Description
# DATASET_NOT_FOUND	Input data set not found	INV_OUTPUTUSER	Invalid destination userid
DUPLICATE_REQUEST	Duplicate request for this input data set and member	OUTPUTUSER_NOT_FOUND	Output user is required but not specified
INPUT_SEC_VIOLATION	Security violation with input data set	OUTPUT_SEC_VIOLATION	Security violation with output data set
# INV_INPUTMEMBER	Invalid input member	PRINTNODE_NOT_FOUND	Print node is required but not specified
# INV_INPUTDSN	Invalid input data set name	PRINT_FAILURE	Failure during print processing
# INV_PRINTCLASS	Invalid output class	SPOOL_UNAVAILABLE	Spool found to be not available
# INV_PRINTNODE	Invalid print node	STORAGE_FAILURE	Failure to obtain storage for job

Table 14. BATCHREP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
PROCESS	EYUDA	CPSM	4	LIKE	Processing state	12
PROCESS Output Valid Values	STARTED STOPPED					
RUNTYPE	EYUDA	CPSM	4	LIKE	Batch run type	6
RUNTYPE Input/Output Valid Values	EXECUTE CHECK					
INPUTDSN-1	CHAR	CPSM	44	DIF	Input data set name	7
INPUTMEMBER-2	CHAR	CPSM	8	DIF	Input member name	8
PRINTCLASS	CHAR	CPSM	1	DIF	Output class	9
PRINTNODE	CHAR	CPSM	8	DIF	Destination node	10
OUTPUTUSER	CHAR	CPSM	8	DIF	Destination userid	11

BINCONRS Resource Table

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

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

There are no object specific actions for this resource class.

Length 144
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Metadata
Copybook identifier EYUt2619 or BINCONRS

Table 15. BINCONRS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CMASNAME	CHAR	CPSM	8	N/A	CMAS name	4
PLEXNAME	CHAR	CPSM	8	N/A	CICSplex name	5
CICSNAME-1	CHAR	CPSM	8	N/A	CICS system name	6
RESTYPE	CHAR	CPSM	8	N/A	Resource type	7
ERROP	BINARY	CPSM	1	N/A	Error operation	8
CANDNAME-2	CHAR	CPSM	8	N/A	Candidate resource name	10
CANDVER-3	BINARY	CPSM	1	N/A	Candidate resource version	11
CANDRGRP	CHAR	CPSM	8	N/A	Candidate resource group	13
CANDRASG	CHAR	CPSM	8	N/A	Candidate resource assignment	14
CANDRDSC	CHAR	CPSM	8	N/A	Candidate resource description	15
CANDUSAGE	EYUDA	CPSM	4	N/A	Candidate resource assignment usage	16
CANDUSAGE Output Valid Values	LOCAL REMOTE ASIS					
CANDSGRP	CHAR	CPSM	8	N/A	Candidate system group	17
CANDTYPE	EYUDA	CPSM	4	N/A	Candidate system type	18
CANDTYPE Output Valid Values	TARGET RELATED					
CANDASGOVR	EYUDA	CPSM	4	N/A	Candidate assignment override	19
CANDASGOVR Output Valid Values	NO YES					
EXISTNAME	CHAR	CPSM	8	N/A	Existing resource name	20
EXISTVER	BINARY	CPSM	1	N/A	Existing resource version	21
EXISTRGRP	CHAR	CPSM	8	N/A	Existing resource group	22
EXISTRASG	CHAR	CPSM	8	N/A	Existing resource assignment	23

Table 15. BINCONRS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
EXISTRDSC	CHAR	CPSM	8	N/A	Existing resource description	24
EXISTUSAGE	EYUDA	CPSM	4	N/A	Existing resource assignment usage	26
EXISTUSAGE Output Valid Values	LOCAL REMOTE ASIS					
EXISTSGRP	CHAR	CPSM	8	N/A	Existing system group	27
EXISTTYPE	EYUDA	CPSM	4	N/A	Existing system type	28
EXISTTYPE Output Valid Values	TARGET RELATED					
EXISTASGOVR	EYUDA	CPSM	4	N/A	Existing resource assignment override	29
EXISTASGOVR Output Valid Values	NO YES					

BINCONSC Resource Table

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

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

There are no object specific actions for this resource class.

Length 80
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Metadata
Copybook identifier EYUt2620 or BINCONSC

Table 16. BINCONSC resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CMASNAME	CHAR	CPSM	8	N/A	CMAS name	4
PLEXNAME	CHAR	CPSM	8	N/A	CICSplex name	5
ERROP	BINARY	CPSM	1	N/A	Error operation	6
ERRCODE	BINARY	CPSM	1	N/A	Error code	7
TARGSCOPE-1	CHAR	CPSM	8	N/A	Target scope name	9
TARGRASG	CHAR	CPSM	8	N/A	Resource assignment for target scope	10
TARGRDSC	CHAR	CPSM	8	N/A	Resource description for target scope	11
RELScope-2	CHAR	CPSM	8	N/A	Related scope name	12
RELRASG	CHAR	CPSM	8	N/A	Resource assignment for related scope	13
RELRDSC	CHAR	CPSM	8	N/A	Resource description for related scope	14
CICSNAME	CHAR	CPSM	8	N/A	CICS system name	15

BINSTERR Resource Table

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

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

There are no object specific actions for this resource class.

Length	48
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Metadata
Copybook identifier	EYUt2616 or BINSTERR

Table 17. BINSTERR resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CMASNAME	CHAR	CPSM	8	N/A	CMAS name	4
PLEXNAME	CHAR	CPSM	8	N/A	CICSplex name	5
CICSNAME-1	CHAR	CPSM	8	N/A	CICS system name	6
RESNAME-2	CHAR	CPSM	8	N/A	Resource name	7
RESVER-3	BINARY	CPSM	1	N/A	Resource version number	9
ERRCODE	BINARY	CPSM	1	N/A	Error code	10
RESTYPE	RESTYPE	CPSM	2	N/A	Resource type	8
CRESP1	BINARY	CPSM	4	N/A	RESP response from CICS	11
CRESP2	BINARY	CPSM	4	N/A	RESP2 response from CICS	12
CEIBFN	BINARY	CPSM	2	N/A	EIBFN response from CICS	13

BRFACIL Resource Table

A CICS Resource that describes a LINK3270 bridge facility.

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

The following action is supported:

RELEASE

Mark an active bridge facility for deletion.

Length 88
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Resource
Copybook identifier EYUt0111 or BRFACIL
Valid API operations GET SET and PERFORM
Unsupported releases E530

API Actions

RELEASE Release

Parameters: None

Table 18. BRFACIL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved	
NAME-1	HEX	INQ	8	MIN		Bridge facility token	1
NETNAME	CHAR	INQ	8	DIF		Network name	2
TERMINID	CHAR	INQ	4	DIF		Terminal name	3
TRANSID	CHAR	INQ	4	DIF		Transaction name	4
TASKID	BINARY	INQ	4	AVG		Task number	5
USERID	CHAR	INQ	8	DIF		User ID	6
LINKSYSTEM	CHAR	INQ	4	DIF		Remote bridge AOR system ID	7
LINKSYSNET	CHAR	INQ	8	DIF		Remote bridge AOR network name	8
REMOTESYSTEM	CHAR	INQ	4	DIF		Remote bridge router system ID	9
REMOTESYSNET	CHAR	INQ	8	DIF		Remote bridge router network name	10
NAMESPACE	CVDAS	INQ	4	LIKE		Namespace type	11
NAMESPACE Output Valid Values	LOCAL SHARED						
KEEPTIME	SECONDS	INQ	4	MAX		Facility keep time	12
TERMSTATUS	CVDAS	INQ	4	LIKE	yes	Terminal status	13

Table 18. BRFACIL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
TERMSTATUS Input/Output Valid Values	RELEASED						
TERMSTATUS Output Valid Values	ACQUIRED AVAILABLE						

CFDTPOOL Resource Table

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

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

There are no object specific actions for this resource class.

Length 32
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Resource
Copybook identifier EYUt0097 or CFDTPOOL
Valid API operations GET

Table 19. CFDTPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	Pool name	1
CONNSTATUS	CVDAS	INQ	4	LIKE	Connection status	2
CONNSTATUS Output Valid Values	CONNECTED NOTCONNECTED UNAVAILABLE					

CICSDSA Resource Table

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

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

There are no object specific actions for this resource class.

Length	208
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0002 or CICSDSA
Valid API operations	GET and SET

Table 20. CICSDSA FEEDBACK error codes

Code	Description	Code	Description
REC_NOT_FOUND	Requested resource not found		

Resource table descriptions

Table 21. CICSDSA resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved			
NAME-1	CHAR	STAT	8	DIF		Dynamic storage area (DSA) name			1
SIZE	BINARY	INQ	4	AVG		Subpool size			2
CUSHION	BINARY	INQ	4	AVG	yes	Cushion size			3
PGMONIU	BINARY	STAT	4	AVG		Storage occupied by not-in-use programs			4
GETMTOTL	BINARY	STAT	4	AVG		Number of GETMAIN requests			5
FREMTOTL	BINARY	STAT	4	AVG		Number of FREEMAIN requests			6
ASUBTOTL	BINARY	STAT	4	AVG		Number of Add Subpool requests			7
DSUBTOTL	BINARY	STAT	4	AVG		Number of Delete Subpool requests			8
NSTGTOTL	BINARY	STAT	4	AVG		Number of times NOSTORAGE returned			9
STGSTOTL	BINARY	STAT	4	AVG		Number of times requests were suspended			10
NSTGCURR	BINARY	STAT	4	AVG		Number of current suspended storage requests			11
STGSHWM	BINARY	STAT	4	AVG		Peak number of suspended storage requests			12
STGPWCNT	BINARY	STAT	4	AVG		Number of tasks purged while waiting			13
STGCRELC	BINARY	STAT	4	AVG		Number of times cushion released			14
STGSOSC	BINARY	STAT	4	AVG		Number of times CICS went short on storage			15

Table 21. CICSDSA resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
STGSOST	INTSTCK	STAT	8	MAX		Total time CICS was short on storage			16
STGNSUBP	BINARY	STAT	4	AVG		Number of current subpools			17
STGFSIZE	BINARY	STAT	4	AVG		Free storage size			18
STGLSIZE	BINARY	STAT	4	AVG		Largest free area size			19
STGVTOTL	BINARY	STAT	4	AVG		Number of storage violations			20
LOCATION	EYUDA	STAT	4	LIKE		Dynamic storage area (DSA) location			21
LOCATION Output Valid Values	ABOVE BELOW								
ACCESSSTYPE	EYUDA	STAT	4	LIKE		Storage key			22
ACCESSSTYPE Output Valid Values	CICS USER READONLY								
STGHWMM	BINARY	STAT	4	AVG		Peak size of DSA			23
LIMIT	BINARY	STAT	4	AVG	yes	Maximum size of DSA			24
POOLPCTFREE	PERCENT	CPSM	4	AVG		Percentage of available pool storage			25
PCTFREE	PERCENT	CPSM	4	AVG		Percentage of available total storage			26
STGPROTECT	CVDAS	STAT	4	LIKE		Storage protection status			27
STGPROTECT Output Valid Values	ACTIVE INACTIVE								
RNTPGPROTECT	CVDAS	STAT	4	LIKE		Reentrant program protection status			28
RNTPGPROTECT Output Valid Values	REENTPROT NOREENTPROT								
TRNISOLATION	CVDAS	STAT	4	LIKE		Transaction isolation status			29

Resource table descriptions

Table 21. CICSDSA resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
TRNISOLOCATION Output Valid Values	ACTIVE INACTIVE								
HWMFREE	BINARY	CPSM	4	AVG		Peak amount of free storage available			30
LWMFREE	BINARY	CPSM	4	AVG		Smallest amount of free storage available			31
CURUNQSSUSRS	BINARY	STAT	4	AVG		Current tasks allocated a unique subspace			32
CUMUNQSSUSRS	BINARY	STAT	4	AVG		Cumulative number of unique subspace users			33
HWMUNQSSUSRS	BINARY	STAT	4	AVG		Peak number of unique subspace users			34
CURCMNSSUSRS	BINARY	STAT	4	AVG		Current number of common subspace users			35
CUMCMNSSUSRS	BINARY	STAT	4	AVG		Cumulative number of common subspace users			36
HWMCMNSSUSRS	BINARY	STAT	4	AVG		Peak number of common subspace users			37
CURRALLOC	BINARY	STAT	4	AVG		Current DSA allocated above/below 16M line			38
HWMALLOC	BINARY	STAT	4	AVG		Peak DSA allocated above/below 16M line			39
EXTENTSCURR	BINARY	STAT	4	AVG		Number of extents allocated to DSA			40
EXTENTSADDED	BINARY	STAT	4	AVG		Number of extents added to DSA			41
EXTENTSDELTD	BINARY	STAT	4	AVG		Number of extents deleted from page pool			42
TIMEWAITMVS	INTSTCK	STAT	8	AVG		Total time waiting for MVS storage	E530 and E620		43

Table 21. CICSDSA resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
REQSWAITMVS	BINARY	STAT	4	AVG		Number of requests for MVS storage causing wait	E530 and E620		44

CICSPAGP Resource Table

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

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

There are no object specific actions for this resource class.

Length 296
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Resource
Copybook identifier EYUt0130 or CICSPAGP
Valid API operations GET

Table 22. CICSPAGP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
SMSDSANAME-1	CHAR	STAT	8	DIF	Name of DSA in which the page pool is located	5
SMSNPAGP	BINARY	STAT	2	AVG	Number of page pools	6
SMSSTGPROT	EYUDA	STAT	4	LIKE	Storage protection status	8
SMSSTGPROT Output Valid Values	ACTIVE INACTIVE					
SMSRENTPGM	EYUDA	STAT	4	LIKE	Reentrant program protection status	9
SMSRENTPGM Output Valid Values	REENTPROT NOREENTPROT					
SMSTRANISO	EYUDA	STAT	4	LIKE	Transaction isolation status	10
SMSTRANISO Output Valid Values	ACTIVE INACTIVE					
SMSUSSCUR	BINARY	STAT	4	AVG	Current number of unique subspace users	11
SMSUSSCUM	BINARY	STAT	4	AVG	Total of unique subspace users	12
SMSUSSHWM	BINARY	STAT	4	AVG	Peak number of unique subspace users	13
SMSCSSCUR	BINARY	STAT	4	AVG	Current number of common subspace users	14
SMSCSSCUM	BINARY	STAT	4	AVG	Total number of common subspace users	15
SMSCSSHWM	BINARY	STAT	4	AVG	Peak number of common subspace users	16
SMSDSALIMIT	BINARY	STAT	4	AVG	Current DSA limit	17
SMSEDSALIMIT	BINARY	STAT	4	AVG	Current EDSA limit	18
SMSDSATOTAL	BINARY	STAT	4	AVG	Current DSA total	19
SMSEDSATOTAL	BINARY	STAT	4	AVG	Current EDSA total	20

Table 22. CICS/PAGP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
SMSHWMSATOT	BINARY	STAT	4	AVG	Peak storage allocated to DSAs	21
SMSHWMEDSATO	BINARY	STAT	4	AVG	Peak storage allocated to EDSAs	22
SMSLOCN	EYUDA	STAT	4	LIKE	DSA location above/below 16MB line	23
SMSLOCN Output Valid Values	ABOVE BELOW					
SMSACCESS	EYUDA	STAT	4	LIKE	Type of access of DSA	24
SMSACCESS Output Valid Values	CICS USER READONLY					
SMSDSASZ	BINARY	STAT	4	AVG	Current size of DSA	25
SMSHWMSASZ	BINARY	STAT	4	AVG	Peak DSA size	26
SMSCSIZE	BINARY	STAT	4	AVG	Current cushion size	27
SMSGMREQ	BINARY	STAT	4	AVG	Number of GETMAIN requests	28
SMSFMREQ	BINARY	STAT	4	AVG	Number of FREEMAIN requests	29
SMSASR	BINARY	STAT	4	AVG	Number of ADD_SUBPOOL requests	30
SMSDSR	BINARY	STAT	4	AVG	Number of DELETE_SUBPOOL requests	31
SMSCRISS	BINARY	STAT	4	AVG	Number of requests returning no storage	32
SMSUCSS	BINARY	STAT	4	AVG	Number of conditional requests suspended	33
SMSHWMSS	BINARY	STAT	4	AVG	Peak number of requests suspended	34
SMSPWWS	BINARY	STAT	4	AVG	Number of tasks purged waiting storage	35
SMSCREL	BINARY	STAT	4	AVG	Number of cushion releases	36
SMSSOS	BINARY	STAT	4	AVG	Number of times short-on-storage (SOS) occurred	37
SMSTSOS	INTSTCK	STAT	8	AVG	Total time spent short-on-storage (SOS)	39
SMSCSUBP	BINARY	STAT	4	AVG	Current number of subpools	40
SMSFSTG	BINARY	STAT	4	AVG	Size of free storage including cushion	41
SMSHWMFSTG	BINARY	STAT	4	AVG	Peak size of free storage	42
SMSLWMFSTG	BINARY	STAT	4	AVG	Smallest size of free storage	43
SMSLFA	BINARY	STAT	4	AVG	Largest free area in DSA	44
SMSSV	BINARY	STAT	4	AVG	Number of storage violations	45
SMSEXTS	BINARY	STAT	4	AVG	Current number of extents	46
SMSEXTSA	BINARY	STAT	4	AVG	Number of extents added	47
SMSEXTSR	BINARY	STAT	4	AVG	Number of extents released	48
PCTSTGDSA	PERCENT3	CPSM	4	AVG	Percentage of DSA storage above/below 16MB	49
PPCTSTGDSA	PERCENT3	CPSM	4	AVG	Peak DSA storage as percentage of total peak	50
PCTFREE	PERCENT3	CPSM	4	AVG	Size of free storage as percentage of total	51
PPCTFREE	PERCENT3	CPSM	4	AVG	Peak size of free storage as percentage of total	52
LPCTFREE	PERCENT3	CPSM	4	AVG	Lowest size of free storage as percentage of total	53
RATEGM	RATE3	CPSM	8	AVG	Rate of GETMAIN requests	54
RATEFM	RATE3	CPSM	8	AVG	Rate of FREEMAIN requests	55
GMNOTSATIMM	BINARY	CPSM	8	AVG	Total of non-immediate GETMAIN requests	56

Resource table descriptions

Table 22. CICSPAGP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
PCTGMNOT2RQ	PERCENT3	CPSM	4	AVG	Percentage of GETMAIN requests failing	57
PCTGMPURGED	PERCENT3	CPSM	4	AVG	Percentage of GETMAIN requests purged	58
PCTCREL2GM	PERCENT3	CPSM	4	AVG	Percentage of cushion releases	59
RATECREL	RATE3	CPSM	8	AVG	Rate of cushion releases	61
AVGTIMESOS	INTSTCK	CPSM	8	AVG	Average time spent short-on-storage (SOS)	62
RATESTORVIOL	RATE3	CPSM	8	AVG	Rate of storage violations	63
RATEEXTSA	RATE3	CPSM	8	AVG	Rate of extent increase	64
RATEEXTSR	RATE3	CPSM	8	AVG	Rate of releasing extents	65
PCTLFA2DSA	PERCENT3	CPSM	4	AVG	Size of largest free area as percentage of DSA	66

CICSPLEX Resource Table

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

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

Length 48
Usage API
API view No
CMAS context Yes
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Manager
Copybook identifier EYUt2449 or CICSPLEX
Valid API operations GET

Table 23. CICSPLEX resource table attributes

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

CICSRGN Resource Table

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

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

The following actions are supported:

ARMRESTART

Request an MVS CANCEL of the CICS system with an ARM restart. Note that this action will complete successfully even if the MVS CANCEL command fails. The userid associated with the CMAS (not the API user) must have the appropriate security access in order to issue the MVS CANCEL command successfully.

DELETSHIPED

Control the removal of redundant shipped terminal definitions.

RESEETIME

Reset the interval CICS clock.

SECUREBUILD

Rebuild the ESM security profiles.

SHUTDOWN

Shutdown the CICS system.

The parameter data for the SHUTDOWN action is:

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

where:

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

SNAP

Request a system dump.

The parameter data for the SNAP action is:

```
PARM('DUMPCODE(code) <CALLER(caller)> <TITLE(title)>'.')
```

where:

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

STATISTICS

Request statistics processing.

The parameter data for the STATISTICS action is:

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

SWITCH

Switch auxiliary tracing from one data set to the other.

Length	920
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0001 or CICSRRGN
Valid API operations	GET SET and PERFORM

API Actions**SHUTDOWN**

Shutdown

PARM(' [IMMEDIATE] [TAKEOVER] [NORMAL] [DUMP] [NORESTART] [PLT(*value*)] [XLT(*value*)] [SDTRAN(*value*)] [NOSDTRAN] .')

SNAP

Request system dump

PARM(' DUMPCODE(*value*) [CALLER(*value*)] [TITLE(*value*)] .')

SWITCH

Switch auxiliary tracing data set

Parameters: None**RESETTIME**

Reset the internal CICS clock

Parameters: None**SECREBUILD**

Rebuild security profiles

Parameters: None**DELETSHIPED**

Delete shipped terminal definitions

Parameters: None**STATISTICS**

Request statistics processing

PARM(' [ALL] [RESETNOW] [AUTOINSTALL] [CONNECTION] [DISPATCHER] [DTBACKOUT] [FILE] [IRCBATCH] [JOURNAL] [LSRPOOL] [MONITOR] [PROGRAM] [STATISTICS] [STORAGE] [SYSDUMP] [TABLEMGR] [TASKCONTROL] [TRANCLASS] [TRANDATA] [TERMINAL] [TRANDUMP] [TRANSACTION] [TEMPSTOR] [VTAM] [FEPI] [PROGAUTOINS] [JRNLNNAME] [STREAMNAME] [ENQUEUE] [RECOVERY] [DB2] [TCPIP] [TCPIPSERVICE] [CORBASERVER] [JVMPOOL] [REQUESTMODEL] [BEAN] [JVMPROFILE] [JVMPROGRAM] [URIMAP] [PIPELINE] [WEBSERVICE] .')

ARMRESTART

Request MVS CANCEL with ARM restart

Parameters: None

Table 24. CICSRRGN FEEDBACK error codes

Code	Description	Code	Description
ACTNOT_SUPPORTED	Action not supported	ARM_NOT_REGISTERED	Not registered for ARM
ALL_REQUIRED	Collect all statistics required	ARM_POLICY_CHECK	Current ARM policy prohibits ARM restart of this MAS

Resource table descriptions

Table 24. CICS[®]RG[®]N FEEDBACK error codes (continued)

ARM_NOT_ACTIVE	ARM restart unavailable - ARM not active on system	INV_CONTEXT	Context not found
ARM_NOT_AVAILCICSREL	ARM invalid for CICS Release	RESOURCE_REQUIRED	Resource required
ARM_NOT_AVAILOPSYS	ARM invalid for Operating System	SYSTEM_NOT_ACTIVE	System not active

Table 25. CICSRRGN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved			
JOBNAME	CHAR	INQ	8	DIF		Job name			1
APPLID	CHAR	INQ	8	DIF		VTAM application ID			2
MVSSYSID	CHAR	CPSM	4	DIF		MVS system ID			3
AKP	CODEDBIN	INQ	4	MAX	yes	Activity keypoint (AKP) frequency			4
AMAXTASKS	BINARY	INQ	4	AVG	yes	Maximum number of active tasks			5
MAXTASKS	BINARY	INQ	4	AVG	yes	Maximum number of active and suspended tasks			6
CICSTATUS	CVDAS	INQ	4	LIKE		CICS status			7
CICSTATUS Output Valid Values	STARTUP ACTIVE FIRSTQIESCE FINALQIESCE CONTROLSHUT SHUTDOWN CANCELLED FIRSTINIT SECONDINIT THIRDINIT INITCOMPLETE								
SYSDUMP	CVDAS	INQ	4	LIKE	yes	System dump status			8
SYSDUMP Input/Output Valid Values	SYSDUMP NOSYSDUMP								
EXTSEC	CVDAS	INQ	4	LIKE		External security status			9
EXTSEC Output Valid Values	EXTSECURITY CICSSECURITY NOSECURITY								
STARTUP	CVDAS	INQ	4	LIKE		Startup type			10
STARTUP Output Valid Values	COLDSTART WARMSTART EMERGENCY LOGTERM								
STGPROT	CVDAS	INQ	4	LIKE		Storage protection status			11
STGPROT Output Valid Values	ACTIVE INACTIVE								

Resource table descriptions

Table 25. CICSRRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
DTRPROGRAM	CHAR	INQ	8	DIF	yes	Dynamic routing program name			12
GMMTRANID	CHAR	INQ	4	DIF		Good morning transaction ID			13
MROBATCH	BINARY	INQ	4	AVG	yes	Number of MRO requests to be batched			14
OPREL	BINARY	INQ	2	AVG		Operating system release			15
OPSYS	CHAR	INQ	1	DIF		Operating system			16
CICSSYS	CHAR	INQ	1	DIF		CICS operating system ID			17
PRTYAGING	BINARY	INQ	4	AVG	yes	Priority aging value			18
RELEASE	CHAR	INQ	4	DIF		CICS Release			19
RUNAWAY	BINARY	INQ	4	AVG	yes	Runaway time interval			20
SCANDELAY	BINARY	INQ	4	AVG	yes	Terminal scan delay time			21
EXITTIME	BINARY	INQ	4	AVG	yes	Exit wait time			22
XRFSTATUS	CVDAS	INQ	4	LIKE		Extended recovery facility (XRF) status			23
XRFSTATUS Output Valid Values	PRIMARY TAKEOVER NOTAPPLIC								
AINSPROG	CHAR	INQ	8	DIF	yes	Autoinstall program name			24
AINSCREQ	BINARY	INQ	4	AVG		Number of current autoinstall requests			25
AINSMREQ	BINARY	INQ	4	AVG	yes	Maximum number of autoinstall requests			26
AINSSTAT	CVDAS	INQ	4	LIKE		Autoinstall enabled status			27
AINSSTAT Output Valid Values	ENABLED DISABLED								
DDSOSTAT	CVDAS	INQ	4	LIKE	yes	Dump data set open status			28
DDSOSTAT Input/Output Valid Values	OPEN CLOSED								

Table 25. CICSRRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
DDSOSSTAT Input Valid Values	SWITCH								
DDSSSTAT	CVDAS	INQ	4	LIKE	yes	Dump data set switch type			29
DDSSSTAT Input/Output Valid Values	SWITCHNEXT NOSWITCH								
IRCSTAT	CVDAS	INQ	4	LIKE	yes	Interregion communication (IRC) status			30
IRCSTAT Input/Output Valid Values	OPEN CLOSED								
IRCSTAT Input Valid Values	IMMCLOSE								
IRCSTAT Output Valid Values	CLOSING IMMCLOSING								
EVENTCLASS	CVDAS	INQ	4	LIKE	yes	SYSEVENT monitoring status	E620 and higher		31
EVENTCLASS Input/Output Valid Values	EVENT NOEVENT								
EXCEPTCLASS	CVDAS	INQ	4	LIKE	yes	Exception class monitoring status			32
EXCEPTCLASS Input/Output Valid Values	EXCEPT NOEXCEPT								
PERFCLASS	CVDAS	INQ	4	LIKE	yes	Performance class monitoring status			33
PERFCLASS Input/Output Valid Values	PERF NOPERF								
MONSTAT	CVDAS	INQ	4	LIKE	yes	Monitor status			34
MONSTAT Input/Output Valid Values	ON OFF								

Resource table descriptions

Table 25. CICSRRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
ENDOFDAY	DECTIMES	INQ	4	AVG	yes	Statistics end-of-day time			35
INTERVAL	DECTIMES	INQ	4	AVG	yes	Statistics recording interval			36
NEXTTIME	DECTIMES	INQ	4	AVG		Next statistics recording time			37
RECORDING	CVDAS	INQ	4	LIKE	yes	Interval statistics recording status			38
RECORDING Input/Output Valid Values	ON OFF								
AUXSTATUS	CVDAS	INQ	4	LIKE	yes	Auxiliary trace status			39
AUXSTATUS Input/Output Valid Values	AUXSTART AUXSTOP AUXPAUSE								
GTFSTATUS	CVDAS	INQ	4	LIKE	yes	Generalized Tracing Facility (GTF) trace status			40
GTFSTATUS Input/Output Valid Values	GTFSTART GTFSTOP								
INTSTATUS	CVDAS	INQ	4	LIKE	yes	Internal trace status			41
INTSTATUS Input/Output Valid Values	INTSTART INTSTOP								
SWITCHSTATUS	CVDAS	INQ	4	LIKE	yes	Auxiliary trace data set switch type			42
SWITCHSTATUS Input/Output Valid Values	NOSWITCH SWITCHNEXT SWITCHALL								
TABLESIZE	BINARY	INQ	4	AVG	yes	Internal trace table size			43
SINGLESTATUS	CVDAS	INQ	4	LIKE	yes	Single task trace status			44
SINGLESTATUS Input/Output Valid Values	SINGLEON SINGLEOFF								
SYSTEMSTATUS	CVDAS	INQ	4	LIKE	yes	System trace status			45

Table 25. CICSRRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
SYSTEMSTATUS Input/Output Valid Values	SYSTEMON	SYSTEMOFF							
TCEXITSTATUS	CVDAS	INQ	4	LIKE	yes	CICS VTAM exit trace status			46
TCEXITSTATUS Input/Output Valid Values	TCEXITALL	TCEXITSYSTEM	TCEXITNONE						
TCEXITSTATUS Input Valid Values	TCEXITALL	TCEXITALL	OFF						
TCEXITSTATUS Output Valid Values	NOTAPPLIC								
USERSTATUS	CVDAS	INQ	4	LIKE	yes	User trace status			47
USERSTATUS Input/Output Valid Values	USERON	USEROFF							
PLASTRESET	DECTIMES	STAT	4	AVG		Last reset time			48
PEAKTASKS	BINARY	STAT	2	AVG		Peak number of tasks in system			50
CURRAMAX	BINARY	STAT	2	AVG		Current number of user tasks eligible for dispatch			51
PEAKAMAX	BINARY	STAT	2	AVG		Peak number of user tasks eligible for dispatch			52
CUTCBCNT	BINARY	STAT	2	AVG		Number of MVS task control blocks (TCBs)			54
LASTRESET	BINARY	STAT	8	AVG		Last statistics reset time			55
LOADREQS	BINARY	STAT	4	AVG		Number of load requests			56
LOADTIME	INT16US	STAT	4	MAX		Total loading time			57
PRGMUCNT	BINARY	STAT	4	AVG		Number of program uses			58
PRGMWAIT	BINARY	STAT	4	AVG		Number of waiting loader requests			59

Resource table descriptions

Table 25. CICSRRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
LOADWCNT	BINARY	STAT	4	AVG		Number of tasks waiting for load requests			60
LOADHWMW	BINARY	STAT	4	AVG		Peak number of tasks waiting for load requests			61
LOADHVMC	BINARY	STAT	4	AVG		Number of times maximum suspended tasks reached			62
LOADWAIT	INT16US	STAT	4	MAX		Total load waiting time			63
RDEBRBLD	BINARY	STAT	4	AVG		Number of times DFHRPL reopened and load retried			64
PRGMRCMP	BINARY	STAT	4	AVG		Number of programs removed by compression			65
LOADTNIU	INTSTCK	STAT	8	MAX		Total time to remove not-in-use programs			66
LOADPNIU	BINARY	STAT	4	AVG		Number of programs on not-in-use queue			67
LOADRNIU	BINARY	STAT	4	AVG		Number of reclaims from not-in-use queue			68
SDMPTOTL	BINARY	STAT	4	AVG		Number of system dumps taken			69
SDMPSUPP	BINARY	STAT	4	AVG		Number of system dumps suppressed			70
TDMPTOTL	BINARY	STAT	4	AVG		Number of transaction dumps taken			71
TDMPSUPP	BINARY	STAT	4	AVG		Number of transaction dumps suppressed			72
STRRTIME	DATE TIME	CPSM	8	MAX		CICS start time			73
SYSID	CHAR	CPSM	4	DIF		CICS system ID			74
CPUTIME	INTUSEC	CPSM	8	MAX		Total CPU time used			75
PAGEIN	BINARY	CPSM	4	AVG		Number of page-in requests			76
PAGEOUT	BINARY	CPSM	4	AVG		Number of page-out requests			77
REALSTG	BINARY	CPSM	4	AVG		Real storage in use			78

Table 25. CICSRRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
SIORREQ	BINARY	CPSM	4	AVG		Number of I/O requests			79
VTMSTATUS	CVDAS	INQ	4	LIKE	yes	CICS-VTAM connection status			80
VTMSTATUS Input/Output Valid Values	OPEN CLOSED								
VTMSTATUS Input Valid Values	IMMCLOSE FORCECLOSE								
VTMSTATUS Output Valid Values	CLOSING IMMCLOSING FORCECLOSING NOTAPPLIC								
VTMRPLMAX	DECIMAL	STAT	4	AVG		Number of times RPL maximum value was reached			81
VTMRPLPOST	DECIMAL	STAT	2	AVG		Maximum number of VTAM RPLs posted			82
VTMSOSCNT	BINARY	STAT	2	AVG		Number of times VTAM had short-on-storage status			83
VTMACBDOPE	BINARY	STAT	2	AVG		Number of times VTAM ACB dynamically opened			84
CURRENTDDS	CHAR	INQ	1	DIF		Current dump data set			85
INITIALDDS	CHAR	INQ	1	DIF	yes	Initial dump data set			86
CURAUXDS	CHAR	INQ	1	DIF		Current auxiliary trace dataset			87
LUCURR	BINARY	STAT	4	AVG		Number of LUs currently logged on			91
LUHWM	BINARY	STAT	4	AVG		Highest number of LUs logged on at any one time			92
PRSSINGCNT	BINARY	STAT	4	AVG		Number of CICS persistent-session inquiries			93
PRSSNBCNT	BINARY	STAT	4	AVG		Number of VTAM sessions that persisted			94
PRSSOPCNT	BINARY	STAT	4	AVG		Number of persistent sessions successfully restored			95

Resource table descriptions

Table 25. CICSRRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
PRSSUNBDCNT	BINARY	STAT	4	AVG		Number of persistent sessions that were terminated			96
PRSSERRORCNT	BINARY	STAT	4	AVG		Number of persistent sessions already unbound			97
CONVERSEST	CVDAS	INQ	4	LIKE	yes	Separate conversational task performance records			98
CONVERSEST Input/Output Valid Values	CONVERSE NOCONVERSE								
FREQUENCY	DECTIMES	INQ	4	AVG	yes	Performance record interval			99
SUBSYSTEMID	CHAR	INQ	4	DIF		Subsystem ID used on SYSEVENT class records			100
SYNCPOINTST	CVDAS	INQ	4	LIKE	yes	Performance record at syncpoint			101
SYNCPOINTST Input/Output Valid Values	SYNCPOINT NOSYNCPOINT								
MONRPTTIME	CVDAS	INQ	4	LIKE		Time zone for performance class records			102
MONRPTTIME Output Valid Values	GMT LOCAL								
DFLTUSER	CHAR	INQ	8	DIF		Default user ID			103
PROGAUTOEXIT	CHAR	INQ	8	DIF	yes	Autoinstall program exit name			104
PROGAUTOCTLG	CVDAS	INQ	4	LIKE	yes	Autoinstalled-program catalog type			105
PROGAUTOCTLG Input/Output Valid Values	CTLGALL CTLGMODIFY CTLGNONE								
PROGAUTOINST	CVDAS	INQ	4	LIKE	yes	Status of autoinstall for programs			106

Table 25. CICSRRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
PROGAUTOINST Input/Output Valid Values	AUTOACTIVE AUTOINACTIVE								
TRANISOLATE	CVDAS	INQ	4	LIKE		Transaction isolation status			107
TRANISOLATE Output Valid Values	ACTIVE INACTIVE								
STARTUPDATE	DECDATE	INQ	4	AVG		Date on which CICS started			108
PSDINTERVAL	DECTIMES	INQ	4	AVG	yes	Persistent session delay interval			109
CURRTASKS	BINARY	INQ	4	AVG		Current number of tasks			110
MAXTRCNT	BINARY	STAT	4	AVG		Number of times MAXTASK limit reached			111
CURACTVUSRTR	BINARY	STAT	4	AVG		Current number of active user transactions			112
CURQUEUSRTR	BINARY	STAT	4	AVG		Current number of queued user transactions			113
PEKACTVUSRTR	BINARY	STAT	4	AVG		Peak number of active user transaction			114
PEKQUEUSRTR	BINARY	STAT	4	AVG		Peak number of queued user transactions			115
TOTACTVUSRTR	BINARY	STAT	4	AVG		Total number of active user transactions			116
TOTDELYUSRTR	BINARY	STAT	4	AVG		Total number of queued user transactions			117
TOTQUETIME	INTSTCK	STAT	8	MAX		Total time queued transactions waited			118
CURQUETIME	INTSTCK	STAT	8	MAX		Time currently queued transactions waiting			119
PROGAUTOATTM	BINARY	STAT	4	AVG		Number of program autoinstall attempts			120

Resource table descriptions

Table 25. CICSRRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
PROGAUTOXREJ	BINARY	STAT	4	AVG		Number of times autoinstall prog request rejected			121
PROGAUTOFAIL	BINARY	STAT	4	AVG		Number of failed program autoinstall attempts			122
INITSTATUS	CVDAS	INQ	4	LIKE		Initialization status			133
INITSTATUS Output Valid Values	FIRSTINIT SECONDINIT THIRDDINIT INITCOMPLETE								
SHUTSTATUS	CVDAS	INQ	4	LIKE		Shutdown status			134
SHUTSTATUS Output Valid Values	CONTROLSHUT SHUTDOWN CANCELLED NOTAPPLIC								
INTVTRANS	BINARY	STAT	4	AVG		Transactions run since last CICS statistics reset			135
GMMTEXT	CHAR	INQ	246	DIF	yes	Good morning message			136
GMMLENGTH	BINARY	INQ	2	AVG		Good morning message length			137
GRNAME	CHAR	INQ	8	DIF		CICS registered generic name			138
GRSTATUS	CVDAS	INQ	4	LIKE	yes	Generic resource registration status			139
GRSTATUS Input/Output Valid Values	DEREGISTERED								
GRSTATUS Output Valid Values	REGISTERED UNREGISTERED UNAVAILABLE REGERROR DEREGERROR								
REENTPROTECT	CVDAS	INQ	4	LIKE		Reentrant program protection status			140
REENTPROTECT Output Valid Values	REENTPROT NOREENTPROT								
CMDPROTECT	CVDAS	INQ	4	LIKE		Command protection status			141

Table 25. CICSRRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
CMDPROTECT Output Valid Values	CMDPROT NOCMDPROT								
SOSSTATUS	CVDAS	INQ	4	LIKE		Short on storage status			142
SOSSTATUS Output Valid Values	SOS NOTSOS SOSABOVE SOSBELOW								
TOTLTASKS	BINARY	STAT	8	AVG		Total number of tasks			143
RLSSTATUS	CVDAS	INQ	4	LIKE		Record level sharing (RLS) status			144
RLSSTATUS Output Valid Values	RLSACTIVE RLSINACTIVE NOTAPPLIC								
DFLTREMSYS	CHAR	INQ	4	DIF	yes	Default remote system			145
SDTRAN	CHAR	INQ	4	DIF		Shutdown transaction			146
DSIDLE	DECTIMES	INQ	4	MAX	yes	Minimum terminal idle-time before deletion			147
DSINTERVAL	DECTIMES	INQ	4	MAX	yes	Idle terminal check interval			148
CTSLEVEL	CHAR	INQ	6	DIF		CICS Transaction Server level			149
OSLEVEL	CHAR	INQ	6	DIF		OS/390 level			150
RRMSSTAT	CVDAS	INQ	4	LIKE		Resource recovery management service (RRMS) status			151
RRMSSTAT Output Valid Values	OPEN CLOSED								
MVSSYSNAME	CHAR	CPSM	8	DIF		MVS system name			152
FORCEQR	CVDAS	INQ	4	LIKE	yes	Force quasi-reentrancy			153
FORCEQR Input/Output Valid Values	FORCE NOFORCE								

Resource table descriptions

Table 25. CICSRRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
MAXOPENTCBS	BINARY	INQ	4	AVG	yes	Maximum number of Open pool TCBS			154
ACTOPENTCBS	BINARY	INQ	4	AVG		Number of currently allocated Open pool TCBS			155
DSRTPROGRAM	CHAR	INQ	8	DIF	yes	Distributed routing program			156
CONSOLES	CVDAS	INQ	4	LIKE	yes	Autoinstall console status			157
CONSOLES Input/Output Valid Values	PROGAUTO FULLAUTO NOAUTO								
TCPIP	CVDAS	INQ	4	LIKE	yes	TCP/IP status			158
TCPIP Input/Output Valid Values	OPEN CLOSED								
TCPIP Input Valid Values	IMMCLOSE								
TCPIP Output Valid Values	CLOSING IMMCLOSING OPENING								
GARBAGEINT	BINARY	INQ	4	AVG	yes	Web domain garbage collection interval			159
TIMEOUTINT	BINARY	INQ	4	AVG	yes	Web domain terminal timeout interval			160
COLDSTATUS	CVDAS	INQ	4	LIKE		Cold start status			161
COLDSTATUS Output Valid Values	COLD INITIAL NOTAPPLIC								
MAXHPTCBS	BINARY	INQ	4	AVG	yes	Maximum number of HP pool TCBS	E530 and E640 and higher		162
ACTHPTCBS	BINARY	INQ	4	AVG		Number of currently allocated HP pool TCBS	E530 and E640 and higher		163
MAXJVMTCBS	BINARY	INQ	4	AVG	yes	Maximum number of JVM pool TCBS	E530		164

Table 25. CICSRRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
ACTJVMTCBS	BINARY	INQ	4	AVG		Number of currently allocated JVM pool TCBS	E530		165
SUBTASKS	BINARY	INQ	4	AVG		Value set by the SUBTSKS system initialization parameter	E530		166
DEBUGTOOL	CVDAS	INQ	4	LIKE	yes	Debugging profiles status	E530 and E620		167
DEBUGTOOL Input/Output Valid Values	DEBUG NODEBUG								
MAXXPTCBS	BINARY	INQ	4	AVG	yes	Maximum number of XPLink pool TCBS	E530, E620 and E630		168
ACTXPTCBS	BINARY	INQ	4	AVG		Number of currently allocated XPLink pool TCBS	E620 and E630		169
MAXSSLTCBS	BINARY	INQ	4	AVG	yes	Maximum number of SSL pool TCBS	E530, E620 and E630		170
ACTSSLTCBS	BINARY	INQ	4	AVG		Number of currently allocated SSL pool TCBS	E620 and E630		171

CICSSTOR Resource Table

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

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

There are no object specific actions for this resource class.

Length	1672
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0135 or CICSSTOR
Valid API operations	GET and SET

Table 26. CICSSTOR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved		
SMSNPAGP	BINARY	STAT	2	AVG		Number of page pools		5
SMSSTGPROT	EYUDA	STAT	4	LIKE		Storage protection status		7
SMSSTGPROT Output Valid Values	ACTIVE INACTIVE							
SMSRENTPGM	EYUDA	STAT	4	LIKE		Reentrant program protection status		8
SMSRENTPGM Output Valid Values	REENTPROT NOREENTPROT							
SMSTRANISO	EYUDA	STAT	4	LIKE		Transaction isolation status		9
SMSTRANISO Output Valid Values	ACTIVE INACTIVE							
SMSUSSCUR	BINARY	STAT	4	AVG		Current number of unique subspace users		10
SMSUSSCUM	BINARY	STAT	4	AVG		Total number of unique subspace users		11
SMSUSSHWM	BINARY	STAT	4	AVG		Peak number of unique subspace users		12
SMSCSSCUR	BINARY	STAT	4	AVG		Current number of common subspace users		13
SMSCSSCUM	BINARY	STAT	4	AVG		Total number of common subspace users		14
SMSCSSHWM	BINARY	STAT	4	AVG		Peak number of common subspace users		15
SMSDSALIMIT	BINARY	STAT	4	AVG	yes	Current DSA limit		16
SMSEDSALIMIT	BINARY	STAT	4	AVG	yes	Current EDSA limit		17

Resource table descriptions

Table 26. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSDSATOTAL	BINARY	STAT	4	AVG		Total storage currently allocated to DSAs		18
SMSEDSATOTAL	BINARY	STAT	4	AVG		Total storage currently allocated to EDSAs		19
SMSHWMSDATOT	BINARY	STAT	4	AVG		Peak amount of storage allocated to DSAs		20
SMSHWMEDSATO	BINARY	STAT	4	AVG		Peak amount of storage allocated to EDSAs		21
SMSOSSSTATUS	CVDAS	INQ	4	LIKE		Short on storage status		22
SMSOSSSTATUS Output Valid Values	SOS NOTSOS SOSABOVE SOSBELOW							
SMSCDSASZ	BINARY	STAT	4	AVG		Current size of CDSA		24
SMSHWMCDSA	BINARY	STAT	4	AVG		Peak size of CDSA		25
SMSCCSIZE	BINARY	STAT	4	AVG		Current CDSA cushion size		26
SMSCGMREQ	BINARY	STAT	4	AVG		Number of CDSA GETMAIN requests		27
SMSCFMREQ	BINARY	STAT	4	AVG		Number of CDSA FREEMAIN requests		28
SMSCASR	BINARY	STAT	4	AVG		Number of CDSA ADD_SUBPOOL requests		29
SMSCDSR	BINARY	STAT	4	AVG		Number of CDSA DELETE_SUBPOOL requests		30
SMSCCRISS	BINARY	STAT	4	AVG		Number of CDSA requests failing with no storage		31
SMSCUCSS	BINARY	STAT	4	AVG		Number of CDSA requests suspended		32
SMSCHWMSS	BINARY	STAT	4	AVG		Peak number of CDSA requests suspended		33
SMSCPWWS	BINARY	STAT	4	AVG		Number of CDSA requests purged		34

Table 26. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSCCREL	BINARY	STAT	4	AVG		Number of CDSA cushion releases		35
SMSCTSOS	INTSTCK	STAT	8	AVG		Total time spent short-on-storage in the CDSA		36
SMSCSOS	BINARY	STAT	4	AVG		Number of times short-on-storage occurred in CDSA		37
SMSCCSUBP	BINARY	STAT	4	AVG		Current number of CDSA subpools		38
SMSCFSTG	BINARY	STAT	4	AVG		Size of CDSA free storage including cushion		39
SMSCHWMFSTG	BINARY	STAT	4	AVG		Peak free storage level in the CDSA		40
SMSCLWMFSTG	BINARY	STAT	4	AVG		Lowest free storage level in the CDSA		41
SMSCLFA	BINARY	STAT	4	AVG		Largest free area in the CDSA		42
SMSCSV	BINARY	STAT	4	AVG		Number of storage violations in the CDSA		43
SMSCEXTS	BINARY	STAT	4	AVG		Number of extents in the CDSA		44
SMSCEXTSA	BINARY	STAT	4	AVG		Number of CDSA extents added		45
SMSCEXTSR	BINARY	STAT	4	AVG		Number of CDSA extents released		46
SMSUDSASZ	BINARY	STAT	4	AVG		Current size of UDSA		47
SMSHWMUDSA	BINARY	STAT	4	AVG		Peak size of UDSA		48
SMSUCSIZE	BINARY	STAT	4	AVG		Current UDSA cushion size		49
SMSUGMREQ	BINARY	STAT	4	AVG		Number of UDSA GETMAIN requests		50
SMSUFMREQ	BINARY	STAT	4	AVG		Number of UDSA FREEMAIN requests		51

Resource table descriptions

Table 26. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSUASR	BINARY	STAT	4	AVG		Number of UDSA ADD_SUBPOOL requests		52
SMSUDSR	BINARY	STAT	4	AVG		Number of UDSA DELETE_SUBPOOL requests		53
SMSUCRISS	BINARY	STAT	4	AVG		Number of UDSA requests failing with no storage		54
SMSUUCSS	BINARY	STAT	4	AVG		Number of UDSA requests suspended		55
SMSUHWMS	BINARY	STAT	4	AVG		Peak number of UDSA requests suspended		56
SMSUPWWS	BINARY	STAT	4	AVG		Number of UDSA requests purged		57
SMSUCREL	BINARY	STAT	4	AVG		Number of UDSA cushion releases		58
SMSUTSOS	INTSTCK	STAT	8	AVG		Total time spent short-on-storage in the UDSA		59
SMSUSOS	BINARY	STAT	4	AVG		Number of times short-on-storage occurred in UDSA		60
SMSUCSUBP	BINARY	STAT	4	AVG		Current number of subpools in the UDSA		61
SMSUFSTG	BINARY	STAT	4	AVG		Size of UDSA free storage including cushion		62
SMSUHWMFSTG	BINARY	STAT	4	AVG		Peak UDSA free storage level		63
SMSULWMFSTG	BINARY	STAT	4	AVG		Lowest UDSA free storage level		64
SMSULFA	BINARY	STAT	4	AVG		Largest UDSA free area		65
SMSUSV	BINARY	STAT	4	AVG		Number of UDSA storage violations		66
SMSUEXTS	BINARY	STAT	4	AVG		Number of UDSA extents		67
SMSUEXTSA	BINARY	STAT	4	AVG		Number of UDSA extents added		68

Table 26. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSUEXTSR	BINARY	STAT	4	AVG		Number of UDSA extents released		69
SMSSDSASZ	BINARY	STAT	4	AVG		Current size of SDSA		70
SMSHWMSDSA	BINARY	STAT	4	AVG		Peak size of SDSA		71
SMSSCSIZE	BINARY	STAT	4	AVG		Current SDSA cushion size		72
SMSSGMREQ	BINARY	STAT	4	AVG		Number of SDSA GETMAIN requests		73
SMSSFMREQ	BINARY	STAT	4	AVG		Number of SDSA FREEMAIN requests		74
SMSSASR	BINARY	STAT	4	AVG		Number of SDSA ADD_SUBPOOL requests		75
SMSSDSR	BINARY	STAT	4	AVG		Number of SDSA DELETE_SUBPOOL requests		76
SMSSCRISS	BINARY	STAT	4	AVG		Number of SDSA requests failing with no storage		77
SMSSUCSS	BINARY	STAT	4	AVG		Number of SDSA requests suspended		78
SMSSHWMS	BINARY	STAT	4	AVG		Peak number of SDSA requests suspended		79
SMSSPWWS	BINARY	STAT	4	AVG		Number of SDSA requests purged		80
SMSSCREL	BINARY	STAT	4	AVG		Number of SDSA cushion releases		81
SMSSTSOS	INTSTCK	STAT	8	AVG		Total time spent short-on-storage in the SDSA		82
SMSSSOS	BINARY	STAT	4	AVG		Number of times short-on-storage occurred in SDSA		83
SMSSCSUBP	BINARY	STAT	4	AVG		Current number of subpools in the SDSA		84
SMSSSFSTG	BINARY	STAT	4	AVG		Size of SDSA free storage including cushion		85

Resource table descriptions

Table 26. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSSHWMFSTG	BINARY	STAT	4	AVG		Peak SDSA free storage level		86
SMSSLWMFSTG	BINARY	STAT	4	AVG		Lowest SDSA free storage level		87
SMSSLFA	BINARY	STAT	4	AVG		Largest SDSA free area		88
SMSSSV	BINARY	STAT	4	AVG		Number of SDSA storage violations		89
SMSSEXTS	BINARY	STAT	4	AVG		Number of extents in the SDSA		90
SMSSEXTSA	BINARY	STAT	4	AVG		Number of SDSA extents added		91
SMSSEXTSR	BINARY	STAT	4	AVG		Number of SDSA extents released		92
SMSRDSASZ	BINARY	STAT	4	AVG		Current size of RDSA		93
SMSHWMRDSA	BINARY	STAT	4	AVG		Peak size of RDSA		94
SMSRCSIZE	BINARY	STAT	4	AVG		Current RDSA cushion size		95
SMSRGMREQ	BINARY	STAT	4	AVG		Number of RDSA GETMAIN requests		96
SMSRFMREQ	BINARY	STAT	4	AVG		Number of RDSA FREEMAIN requests		97
SMSRASR	BINARY	STAT	4	AVG		Number of RDSA ADD_SUBPOOL requests		98
SMSRDSR	BINARY	STAT	4	AVG		Number of RDSA DELETE_SUBPOOL requests		99
SMSRCRISS	BINARY	STAT	4	AVG		Number of RDSA requests failing with no storage		100
SMSRUCSS	BINARY	STAT	4	AVG		Number of RDSA requests suspended		101
SMSRHWMS	BINARY	STAT	4	AVG		Peak number of RDSA requests suspended		102
SMSRPWWS	BINARY	STAT	4	AVG		Number of RDSA requests purged		103

Table 26. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSRCREL	BINARY	STAT	4	AVG		Number of RDSA cushion releases		104
SMSRTSOS	INTSTCK	STAT	8	AVG		Total time spent short-on-storage in the RDSA		105
SMSRSOS	BINARY	STAT	4	AVG		Number of times short-on-storage occurred in RDSA		106
SMSRCSUBP	BINARY	STAT	4	AVG		Current number of RDSA subpools		107
SMSRFSTG	BINARY	STAT	4	AVG		Size of RDSA free storage including cushion		108
SMSRHWMFSTG	BINARY	STAT	4	AVG		Peak RDSA free storage level		109
SMSRLWMFSTG	BINARY	STAT	4	AVG		Lowest RDSA free storage level		110
SMSRLFA	BINARY	STAT	4	AVG		Largest RDSA free area		111
SMSRSV	BINARY	STAT	4	AVG		Number of RDSA storage violations		112
SMSREXTS	BINARY	STAT	4	AVG		Number of RDSA extents		113
SMSREXTSA	BINARY	STAT	4	AVG		Number of RDSA extents added		114
SMSREXTSR	BINARY	STAT	4	AVG		Number of RDSA extents released		115
SMSECDASZ	BINARY	STAT	4	AVG		Current size of ECDSA		116
SMSHWMECDSA	BINARY	STAT	4	AVG		Peak size of ECDSA		117
SMSECCSIZE	BINARY	STAT	4	AVG		Current ECDSA cushion size		118
SMSECGMREQ	BINARY	STAT	4	AVG		Number of ECDSA GETMAIN requests		119
SMSECFMREQ	BINARY	STAT	4	AVG		Number of ECDSA FREEMAIN requests		120
SMSECASR	BINARY	STAT	4	AVG		Number of ECDSA ADD_SUBPOOL requests		121

Resource table descriptions

Table 26. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSECDSR	BINARY	STAT	4	AVG		Number of ECDSA DELETE_SUBPOOL requests		122
SMSECCRISS	BINARY	STAT	4	AVG		Number of ECDSA requests failing with no storage		123
SMSECUCSS	BINARY	STAT	4	AVG		Number of ECDSA requests suspended		124
SMSECHWMSS	BINARY	STAT	4	AVG		Peak number of ECDSA requests suspended		125
SMSECPWWS	BINARY	STAT	4	AVG		Number of ECDSA requests purged		126
SMSECCREL	BINARY	STAT	4	AVG		Number of ECDSA cushion releases		127
SMSECTSOS	INTSTCK	STAT	8	AVG		Total time spent short-on-storage in the ECDSA		128
SMSECSOS	BINARY	STAT	4	AVG		Number of times short-on-storage occurred in ECDSA		129
SMSECCSUBP	BINARY	STAT	4	AVG		Current number of subpools in the ECDSA		130
SMSECFSTG	BINARY	STAT	4	AVG		Size of ECDSA free storage including cushion		131
SMSECHWMFSTG	BINARY	STAT	4	AVG		Peak ECDSA free storage level		132
SMSECLWMFSTG	BINARY	STAT	4	AVG		Lowest ECDSA free storage level		133
SMSECLFA	BINARY	STAT	4	AVG		Largest ECDSA free area		134
SMSECSV	BINARY	STAT	4	AVG		Number of ECDSA storage violations		135
SMSECEXTS	BINARY	STAT	4	AVG		Number of ECDSA extents		136
SMSECEXTSA	BINARY	STAT	4	AVG		Number of ECDSA extents added		137

Table 26. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSEEXTSR	BINARY	STAT	4	AVG		Number of ECDSA extents released		138
SMSEUDSASZ	BINARY	STAT	4	AVG		Current size of EUDSA		139
SMSHWMEUDSA	BINARY	STAT	4	AVG		Peak size of EUDSA		140
SMSEUCSIZE	BINARY	STAT	4	AVG		Current EUDSA cushion size		141
SMSEUGMREQ	BINARY	STAT	4	AVG		Number of EUDSA GETMAIN requests		142
SMSEUFMREQ	BINARY	STAT	4	AVG		Number of EUDSA FREEMAIN requests		143
SMSEUASR	BINARY	STAT	4	AVG		Number of EUDSA ADD_SUBPOOL requests		144
SMSEUDSR	BINARY	STAT	4	AVG		Number of EUDSA DELETE_SUBPOOL requests		145
SMSEUCRISS	BINARY	STAT	4	AVG		Number of EUDSA requests failing with no storage		146
SMSEUUCSS	BINARY	STAT	4	AVG		Number of EUDSA requests suspended		147
SMSEUHWMS	BINARY	STAT	4	AVG		Peak number of EUDSA requests suspended		148
SMSEUPWWS	BINARY	STAT	4	AVG		Number of EUDSA requests purged		149
SMSEUCREL	BINARY	STAT	4	AVG		Number of EUDSA cushion releases		150
SMSEUTSOS	INTSTCK	STAT	8	AVG		Total time spent short-on-storage in the EUDSA		151
SMSEUSOS	BINARY	STAT	4	AVG		Number of times short-on-storage occurred in EUDSA		152
SMSEUCSUBP	BINARY	STAT	4	AVG		Current number of EUDSA subpools		153

Resource table descriptions

Table 26. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSEUFSTG	BINARY	STAT	4	AVG		Size of EUDSA free storage including cushion		154
SMSEUHWMFSTG	BINARY	STAT	4	AVG		Peak EUDSA free storage level		155
SMSEULWMFSTG	BINARY	STAT	4	AVG		Lowest EUDSA free storage level		156
SMSEULFA	BINARY	STAT	4	AVG		Largest EUDSA free area		157
SMSEUSV	BINARY	STAT	4	AVG		Number of EUDSA storage violations		158
SMSEUEXTS	BINARY	STAT	4	AVG		Number of EUDSA extents		159
SMSEUEXTSA	BINARY	STAT	4	AVG		Number of EUDSA extents added		160
SMSEUEXTSR	BINARY	STAT	4	AVG		Number of EUDSA extents released		161
SMSEDSASZ	BINARY	STAT	4	AVG		Current size of ESDSA		162
SMSHWMESDSA	BINARY	STAT	4	AVG		Peak size of ESDSA		163
SMSECSIZE	BINARY	STAT	4	AVG		Current ESDSA cushion size		164
SMSEGMREQ	BINARY	STAT	4	AVG		Number of ESDSA GETMAIN requests		165
SMSEFMREQ	BINARY	STAT	4	AVG		Number of ESDSA FREEMAIN requests		166
SMSESASR	BINARY	STAT	4	AVG		Number of ESDSA ADD_SUBPOOL requests		167
SMSESDSR	BINARY	STAT	4	AVG		Number of ESDSA DELETE_SUBPOOL requests		168
SMSESCRIS	BINARY	STAT	4	AVG		Number of ESDSA requests failing with no storage		169
SMSEUCSS	BINARY	STAT	4	AVG		Number of ESDSA requests suspended		170
SMSESHWMSS	BINARY	STAT	4	AVG		Peak number of ESDSA requests suspended		171

Table 26. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSESPWWS	BINARY	STAT	4	AVG		Number of ESDSA requests purged		172
SMSESCREL	BINARY	STAT	4	AVG		Number of ESDSA cushion releases		173
SMSESTSOS	INTSTCK	STAT	8	AVG		Total time spent short-on-storage in the ESDSA		174
SMSESSOS	BINARY	STAT	4	AVG		Number of times short-on-storage occurred in ESDSA		175
SMSESCSUBP	BINARY	STAT	4	AVG		Current number of ESDSA subpools		176
SMSESFSTG	BINARY	STAT	4	AVG		ESDSA free storage including cushion		177
SMSESHWMFSTG	BINARY	STAT	4	AVG		Peak ESDSA free storage level		178
SMSESLWMFSTG	BINARY	STAT	4	AVG		Lowest ESDSA free storage level		179
SMSESLFA	BINARY	STAT	4	AVG		Largest ESDSA free area		180
SMSESSV	BINARY	STAT	4	AVG		Number of ESDSA storage violations		181
SMSESEXTS	BINARY	STAT	4	AVG		Number of ESDSA extents		182
SMSESEXTSA	BINARY	STAT	4	AVG		Number of ESDSA extents added		183
SMSESEXTSR	BINARY	STAT	4	AVG		Number of ESDSA extents released		184
SMSESDSASZ	BINARY	STAT	4	AVG		Current size of ERDSA		185
SMSESHWMERDSA	BINARY	STAT	4	AVG		Peak size of ERDSA		186
SMSESCSIZE	BINARY	STAT	4	AVG		Current ERDSA cushion size		187
SMSESGMREQ	BINARY	STAT	4	AVG		Number of ERDSA GETMAIN requests		188

Resource table descriptions

Table 26. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSERFMREQ	BINARY	STAT	4	AVG		Number of ERDSA FREEMAIN requests		189
SMSERASR	BINARY	STAT	4	AVG		Number of ERDSA ADD_SUBPOOL requests		190
SMSERDSR	BINARY	STAT	4	AVG		Number of ERDSA DELETE_SUBPOOL requests		191
SMSERCRIS	BINARY	STAT	4	AVG		Number of ERDSA requests failing with no storage		192
SMSERUCSS	BINARY	STAT	4	AVG		Number of ERDSA requests suspended		193
SMSERHWMSS	BINARY	STAT	4	AVG		Peak number of ERDSA requests suspended		194
SMSERPWWS	BINARY	STAT	4	AVG		Number of ERDSA requests purged		195
SMSERCREL	BINARY	STAT	4	AVG		Number of ERDSA cushion releases		196
SMSERTSOS	INTSTCK	STAT	8	AVG		Total time spent short-on-storage (SOS) in ERDSA		197
SMSERSOS	BINARY	STAT	4	AVG		Number of times short-on-storage occurred in ERDSA		198
SMSERCSubP	BINARY	STAT	4	AVG		Current number of ERDSA subpools		199
SMSERFSTG	BINARY	STAT	4	AVG		Size of ERDSA free storage including cushion		200
SMSERHWMFSTG	BINARY	STAT	4	AVG		Peak ERDSA free storage level		201
SMSERLWMFSTG	BINARY	STAT	4	AVG		Lowest ERDSA free storage level		202
SMSERLFA	BINARY	STAT	4	AVG		Largest ERDSA free area		203

Table 26. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SMSERSV	BINARY	STAT	4	AVG		Number of ERDSA storage violations		204
SMSEREXTS	BINARY	STAT	4	AVG		Number of ERDSA extents		205
SMSEREXTSA	BINARY	STAT	4	AVG		Number of ERDSA extents added		206
SMSEREXTSR	BINARY	STAT	4	AVG		Number of ERDSA extents released		207
PCTSTGCDSA	PERCENT3	CPSM	4	AVG		Percentage of CDSA storage below 16MB		208
PPCTSTGCDSA	PERCENT3	CPSM	4	AVG		Peak percentage in CDSA of peak storage below 16MB		209
PCTCFREE	PERCENT3	CPSM	4	AVG		Percentage of free storage in CDSA		210
PPCTCFREE	PERCENT3	CPSM	4	AVG		Peak percentage of free storage in CDSA		211
LPCTCFREE	PERCENT3	CPSM	4	AVG		Lowest percentage of free storage in CDSA		212
PCTLFCDSA	PERCENT3	CPSM	4	AVG		Largest percentage of free storage in CDSA		213
CRATEGM	RATE3	CPSM	8	AVG		CDSA GETMAIN request rate		214
CRATEFM	RATE3	CPSM	8	AVG		CDSA FREEMAIN request rate		215
CNONIMMGET	BINARY	CPSM	8	AVG		Number of CDSA non-immediate GETMAIN requests		216
PCTCGMIF	PERCENT3	CPSM	4	AVG		Percentage of GETMAIN failures in CDSA		217
PCTCGMP	PERCENT3	CPSM	4	AVG		Percentage of GETMAIN requests purged in CDSA		218
PCTCCSH	PERCENT3	CPSM	4	AVG		Percentage of cushion releases in CDSA		219
CRATECREL	RATE3	CPSM	8	AVG		CDSA cushion release rate		221

Resource table descriptions

Table 26. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
CAVGTIMESOS	INTSTCK	CPSM	8	AVG		Average time spent short-on-storage (SOS) in CDSA		222
CRATESTORV	RATE3	CPSM	8	AVG		CDSA storage violation rate		223
CRATEEXTSA	RATE3	CPSM	8	AVG		CDSA extent increase rate		224
CRATEEXTSR	RATE3	CPSM	8	AVG		CDSA extent release rate		225
PCTSTGUDSA	PERCENT3	CPSM	4	AVG		Percentage of storage below 16MB in UDSA		226
PPCTSTGUDSA	PERCENT3	CPSM	4	AVG		Peak percentage in UDSA of peak storage below 16MB		227
PCTUFREE	PERCENT3	CPSM	4	AVG		Percentage of free storage in UDSA		228
PPCTUFREE	PERCENT3	CPSM	4	AVG		Peak percentage of free storage in UDSA		229
LPCTUFREE	PERCENT3	CPSM	4	AVG		Lowest percentage of free storage in UDSA		230
PCTLFAUDSA	PERCENT3	CPSM	4	AVG		Largest percentage of free storage in UDSA		231
URATEGM	RATE3	CPSM	8	AVG		UDSA GETMAIN request rate		232
URATEFM	RATE3	CPSM	8	AVG		UDSA FREEMAIN request rate		233
UNONIMMGET	BINARY	CPSM	8	AVG		Number of UDSA non-immediate GETMAIN requests		234
PCTUGMF	PERCENT3	CPSM	4	AVG		Percentage of GETMAIN failures in UDSA		235
PCTUGMP	PERCENT3	CPSM	4	AVG		Percentage of GETMAIN requests purged in UDSA		236
PCTUCSH	PERCENT3	CPSM	4	AVG		Percentage of cushion releases in UDSA		237
URATECREL	RATE3	CPSM	8	AVG		UDSA cushion release rate		239

Table 26. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
UAVGTIMESOS	INTSTCK	CPSM	8	AVG		Average time spent short-on-storage (SOS) in UDSA		240
URATESTORV	RATE3	CPSM	8	AVG		UDSA storage violation rate		241
URATEEXTSA	RATE3	CPSM	8	AVG		UDSA extent increase rate		242
URATEEXTSR	RATE3	CPSM	8	AVG		UDSA extent release rate		243
PCTSTGSDSA	PERCENT3	CPSM	4	AVG		Percentage of storage below 16MB in SDSA		244
PPCTSTGSDSA	PERCENT3	CPSM	4	AVG		Peak percentage in SDSA of peak storage below 16MB		245
PCTSFREE	PERCENT3	CPSM	4	AVG		Percentage of free storage in SDSA		246
PPCTSFREE	PERCENT3	CPSM	4	AVG		Peak percentage of free storage in SDSA		247
LPCTSFREE	PERCENT3	CPSM	4	AVG		Lowest percentage of free storage in SDSA		248
PCTLFASDSA	PERCENT3	CPSM	4	AVG		Largest percentage of free storage in SDSA		249
SRATEGM	RATE3	CPSM	8	AVG		SDSA GETMAIN request rate		250
SRATEFM	RATE3	CPSM	8	AVG		SDSA FREEMAIN request rate		251
SNONIMMGET	BINARY	CPSM	8	AVG		Number of SDSA non-immediate GETMAIN requests		252
PCTSGMF	PERCENT3	CPSM	4	AVG		Percentage of GETMAIN failures in SDSA		253
PCTSGMP	PERCENT3	CPSM	4	AVG		Percentage of GETMAIN requests purged in SDSA		254
PCTSCSH	PERCENT3	CPSM	4	AVG		Percentage of cushion releases in SDSA		255
SRATECREL	RATE3	CPSM	8	AVG		SDSA cushion release rate		257

Resource table descriptions

Table 26. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SAVGTIMESOS	INTSTCK	CPSM	8	AVG		Average time spent short-on-storage (SOS) in SDSA		258
SRATESTORV	RATE3	CPSM	8	AVG		SDSA storage violation rate		259
SRATEEXTSA	RATE3	CPSM	8	AVG		SDSA extent increase rate		260
SRATEEXTSR	RATE3	CPSM	8	AVG		SDSA extent release rate		261
PCTSTGRDSA	PERCENT3	CPSM	4	AVG		Percentage of storage below 16MB in RDSA		262
PPCTSTGRDSA	PERCENT3	CPSM	4	AVG		Peak percentage in RDSA of peak storage below 16MB		263
PCTRFREE	PERCENT3	CPSM	4	AVG		Percentage of free storage in RDSA		264
PPCTRFREE	PERCENT3	CPSM	4	AVG		Peak percentage of free storage in RDSA		265
LPCTRFREE	PERCENT3	CPSM	4	AVG		Lowest percentage of free storage in RDSA		266
PCTLFARDSA	PERCENT3	CPSM	4	AVG		Largest percentage of free storage in RDSA		267
RRATEGM	RATE3	CPSM	8	AVG		RDSA GETMAIN request rate		268
RRATEFM	RATE3	CPSM	8	AVG		RDSA FREEMAIN request rate		269
RNONIMMGET	BINARY	CPSM	8	AVG		Number of RDSA non-immediate GETMAIN requests		270
PCTRGMF	PERCENT3	CPSM	4	AVG		Percentage of GETMAIN failures in RDSA		271
PCTRGMP	PERCENT3	CPSM	4	AVG		Percentage of GETMAIN requests purged in RDSA		272
PCTRCSH	PERCENT3	CPSM	4	AVG		Percentage of cushion releases in RDSA		273
RRATECREL	RATE3	CPSM	8	AVG		RDSA cushion release rate		275

Table 26. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
RAVGTIMESOS	INTSTCK	CPSM	8	AVG		Average time spent short-on-storage (SOS) in RDSA		276
RRATESTORV	RATE3	CPSM	8	AVG		RDSA storage violation rate		277
RRATEEXTSA	RATE3	CPSM	8	AVG		RDSA extent increase rate		278
RRATEEXTSR	RATE3	CPSM	8	AVG		RDSA extent release rate		279
PCTSTGECDSA	PERCENT3	CPSM	4	AVG		Percentage of storage above 16MB in ECDSA		280
PPCTSTGECDSA	PERCENT3	CPSM	4	AVG		Peak percent in ECDSA of peak storage above 16MB		281
PCTECFREE	PERCENT3	CPSM	4	AVG		Percentage of free storage in ECDSA		282
PPCTECFREE	PERCENT3	CPSM	4	AVG		Peak percent of free storage in ECDSA		283
LPCTECFREE	PERCENT3	CPSM	4	AVG		Lowest percentage of free storage in ECDSA		284
PCTLFAECDSA	PERCENT3	CPSM	4	AVG		Largest percentage of free storage in ECDSA		285
ECRATEGM	RATE3	CPSM	8	AVG		ECDSA GETMAIN request rate		286
ECRATEFM	RATE3	CPSM	8	AVG		ECDSA FREEMAIN request rate		287
ECNONIMMGET	BINARY	CPSM	8	AVG		Number of ECDSA non-immediate GETMAIN requests		288
PCTECGMF	PERCENT3	CPSM	4	AVG		Percentage of GETMAIN failures in ECDSA		289
PCTECGMP	PERCENT3	CPSM	4	AVG		Percentage of GETMAIN requests purged in ECDSA		290
PCTECCSH	PERCENT3	CPSM	4	AVG		Percentage of cushion releases in ECDSA		291
ECRATECREL	RATE3	CPSM	8	AVG		ECDSA cushion release rate		293

Resource table descriptions

Table 26. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
ECAVGTIMESOS	INTSTCK	CPSM	8	AVG		Average time spent short-on-storage (SOS) in ECDSA		294
ECRATESTORV	RATE3	CPSM	8	AVG		ECDSA storage violation rate		295
ECRATEEXTSA	RATE3	CPSM	8	AVG		ECDSA extent increase rate		296
ECRATEEXTSR	RATE3	CPSM	8	AVG		ECDSA extent release rate		297
PCTSTGEUDSA	PERCENT3	CPSM	4	AVG		Percentage of storage above 16MB in EUDSA		298
PPCTSTGEUDSA	PERCENT3	CPSM	4	AVG		Peak percent in EUDSA of peak storage above 16MB		299
PCTEUFREE	PERCENT3	CPSM	4	AVG		Percentage of free storage in EUDSA		300
PPCTEUFREE	PERCENT3	CPSM	4	AVG		Peak percentage of free storage in EUDSA		301
LPCTEUFREE	PERCENT3	CPSM	4	AVG		Lowest percentage of free storage in EUDSA		302
PCTLFAEUDSA	PERCENT3	CPSM	4	AVG		Largest percentage of free storage in EUDSA		303
EURATEGM	RATE3	CPSM	8	AVG		EUDSA GETMAIN request rate		304
EURATEFM	RATE3	CPSM	8	AVG		EUDSA FREEMAIN request rate		305
EUNONIMMGET	BINARY	CPSM	8	AVG		Number of EUDSA non-immediate GETMAIN requests		306
PCTEUGMF	PERCENT3	CPSM	4	AVG		Percentage of GETMAIN failures in EUDSA		307
PCTEUGMP	PERCENT3	CPSM	4	AVG		Percentage of GETMAIN requests purged in EUDSA		308
PCTEUCSH	PERCENT3	CPSM	4	AVG		Percentage of cushion releases in EUDSA		309
EURATECREL	RATE3	CPSM	8	AVG		EUDSA cushion release rate		311

Table 26. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EUAVGTIMESOS	INTSTCK	CPSM	8	AVG		Average time spent short-on-storage (SOS) in EUDSA		312
EURATESTORV	RATE3	CPSM	8	AVG		EUDSA storage violation rate		313
EURATEEXTSA	RATE3	CPSM	8	AVG		EUDSA extent increase rate		314
EURATEEXTSR	RATE3	CPSM	8	AVG		EUDSA extent release rate		315
PCTSTGESDSA	PERCENT3	CPSM	4	AVG		Percentage of storage above 16MB in ESDSA		316
PPCTSTGESDSA	PERCENT3	CPSM	4	AVG		Peak percent in ESDSA of peak storage above 16MB		317
PCTESFREE	PERCENT3	CPSM	4	AVG		Percentage of free storage in ESDSA		318
PPCTESFREE	PERCENT3	CPSM	4	AVG		Peak percentage of free storage in ESDSA		319
LPCTESFREE	PERCENT3	CPSM	4	AVG		Lowest percentage of free storage in ESDSA		320
PCTLFAESDSA	PERCENT3	CPSM	4	AVG		Largest percentage of free storage in ESDSA		321
ESRATEGM	RATE3	CPSM	8	AVG		ESDSA GETMAIN request rate		322
ESRATEFM	RATE3	CPSM	8	AVG		ESDSA FREEMAIN request rate		323
ESNONIMMGET	BINARY	CPSM	8	AVG		Number of ESDSA non-immediate GETMAIN requests		324
PCTESGMF	PERCENT3	CPSM	4	AVG		Percentage of GETMAIN failures in ESDSA		325
PCTESGMP	PERCENT3	CPSM	4	AVG		Percentage of GETMAIN requests purged in ESDSA		326
PCTESCSH	PERCENT3	CPSM	4	AVG		Percentage of cushion releases in ESDSA		327
ESRATECREL	RATE3	CPSM	8	AVG		ESDSA cushion release rate		329

Resource table descriptions

Table 26. CICSSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
ESAVGTIMESOS	INTSTCK	CPSM	8	AVG		Average time spent short-on-storage in ESDSA		330
ESRATESTORV	RATE3	CPSM	8	AVG		ESDSA storage violation rate		331
ESRATEEXTSA	RATE3	CPSM	8	AVG		ESDSA extent increase rate		332
ESRATEEXTSR	RATE3	CPSM	8	AVG		ESDSA extent release rate		333
PCTSTGERDSA	PERCENT3	CPSM	4	AVG		Percentage of storage above 16MB in ERDSA		334
PPCTSTGERDSA	PERCENT3	CPSM	4	AVG		Peak percent in ERDSA of peak storage above 16MB		335
PCTERFREE	PERCENT3	CPSM	4	AVG		Percentage of free storage in ERDSA		336
PPCTERFREE	PERCENT3	CPSM	4	AVG		Peak percentage of free storage in ERDSA		337
LPCTERFREE	PERCENT3	CPSM	4	AVG		Lowest percentage of free storage in ERDSA		338
PCTLFAERDSA	PERCENT3	CPSM	4	AVG		Largest percentage of free storage in ERDSA		339
ERRATEGM	RATE3	CPSM	8	AVG		ERDSA GETMAIN request rate		340
ERRATEFM	RATE3	CPSM	8	AVG		ERDSA FREEMAIN request rate		341
ERNONIMMGET	BINARY	CPSM	8	AVG		Number of ERDSA non-immediate GETMAIN requests		342
PCTERGMF	PERCENT3	CPSM	4	AVG		Percentage of GETMAIN failures in ERDSA		343
PCTERGMP	PERCENT3	CPSM	4	AVG		Percentage of GETMAIN requests purged in ERDSA		344
PCTERCSSH	PERCENT3	CPSM	4	AVG		Percentage of cushion releases in ERDSA		345
ERRATECREL	RATE3	CPSM	8	AVG		ERDSA cushion release rate		347

Table 26. CICSSTOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
ERAVGTIMESOS	INTSTCK	CPSM	8	AVG		Average time spent short-on-storage in ERDSA		348
ERRATESTORV	RATE3	CPSM	8	AVG		ERDSA storage violation rate		349
ERRATEEXTSA	RATE3	CPSM	8	AVG		ERDSA extent increase rate		350
ERRATEEXTSR	RATE3	CPSM	8	AVG		ERDSA extent release rate		351
SMSTMWAITMVS	INTSTCK	STAT	8	AVG		Total time waiting for MVS storage	E530 and E620	354
SMSRQWAITMVS	BINARY	STAT	4	AVG		Number of requests for MVS storage causing wait	E530 and E620	355
RESERVED1	BINARY	CPSM	4	AVG		Reserved for future use		356

CLCACHE Resource Table

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

There is no key field for this resource class.

The following actions are supported:

PHASEOUT

Mark JVMs for deletion.

PURGE

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

FORCEPURGE

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

START

Start the shared class cache.

RELOAD

Reload the shared class cache.

Length 80
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload
 No
Object type CICS Resource
Copybook identifier EYUt0139 or CLCACHE
Valid API operations GET SET and PERFORM
Unsupported releases E530 and E620

API Actions

PHASEOUT Phaseout
 PARM(' [AUTOSTARTST(*value*)] .')

PURGE Purge
 PARM(' [AUTOSTARTST(*value*)] .')

FORCEPURGE ForcePurge
 PARM(' [AUTOSTARTST(*value*)] .')

START Start
 PARM(' [PROFILE(*value*)] [CACHESIZE(*value*)] .')

RELOAD Reload
 PARM(' [PROFILE(*value*)] [CACHESIZE(*value*)] .')

Table 27. CLCACHE resource table attributes

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

Table 27. CLCACHE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
PHASINGOUT	BINARY	INQ	4	AVG		Number of JVMs being phased-out	2
AUTOSTARTST	CVDAS	INQ	4	LIKE	yes	Autostart status	3
AUTOSTARTST Input/Output Valid Values	ENABLED DISABLED						
OLDCACHES	BINARY	INQ	4	AVG		Number of class caches waiting for JVMs to terminate	4
PROFILE	CHAR	INQ	8	DIF		Profile used to start or used to reload the cache	5
CACHESIZE	BINARY	INQ	8	AVG		Size of the class cache in bytes	6
CACHEFREE	BINARY	INQ	8	AVG		Amount in bytes, of free space within the cache	7
STATUS	CVDAS	INQ	4	LIKE		Class cache status	8
STATUS Output Valid Values	STARTED STARTING STOPPED RELOADING						
STARTTIME	DATETIME	INQ	8	MAX		The time that the class cache was started	9
TOTALJVMS	BINARY	INQ	4	AVG		Number of JVMs dependent on the class cache	10
REUSEST	CVDAS	INQ	4	LIKE		JVM reuse status	11
REUSEST Output Valid Values	REUSE RESET UNKNOWN						
PEAKCACHEJVM	BINARY	STAT	4	AVG		Peak worker (class cache) JVMs	12
JVMREQSCACHE	BINARY	STAT	4	AVG		JVM requests - class cache	13

CMAS Resource Table

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

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

The following actions are supported:

- # **RESETTIME**
Reset the internal CICS clock
- # **SHUTDOWN**
Shutdown the CMAS
- PURGE**
Purge incore ESM security profiles
- SECUREBUILD**
Rebuild the ESM Security profiles

These actions require no unique parameter data.

Length 296
Usage API
API view No
CMAS context Yes
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Manager
Copybook identifier EYUt2451 or CMAS
Valid API operations GET SET and PERFORM

- # **API Actions**
- RESETTIME** Reset the internal CICS clock
- SHUTDOWN** Shutdown
- PURGE** **Parameters:** None
Purge security profiles
- SECUREBUILD** **Parameters:** None
Rebuild security profiles
Parameters: None

Table 28. CMAS FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	REC_NOT_FOUND	Requested resource not found
NO_ACTION_TO_PERFORM	No action to perform	SECURITY_NOT_ACTIVE	Security not active
REC_CHANGED	Resource definition already changed		

Table 29. CMAS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
BASTRACE	BINARY	CPSM	4	AVG	yes	BAS trace flags	3
CMASNAME-1	CHAR	CPSM	8	DIF		CMAS name	4
JOBNAME	CHAR	CPSM	8	DIF		CMAS job name	5
APPLID	CHAR	CPSM	8	DIF		CMAS VTAM application ID	6
MVSLOC	CHAR	CPSM	4	DIF		MVS image name	7
SYSID	CHAR	CPSM	4	DIF		CMAS CICS system ID	8
CASID	CHAR	CPSM	4	DIF		Local coordinating address space (CAS) ID	9
CPSMVER	CHAR	CPSM	4	DIF		CPSM version of CMAS	10
STRTTIME	TIMESTP	CPSM	8	MAX		Local time at which CMAS was started	11
CPUTIME	INTUSEC	CPSM	8	MAX		Total CPU time used	12
PAGEIN	BINARY	CPSM	4	AVG		Number of page-in requests	13
PAGEOUT	BINARY	CPSM	4	AVG		Number of page-out requests	14
REALSTG	BINARY	CPSM	4	AVG		Real storage in use	15
FREEOSSBCNT	BINARY	CPSM	4	AVG		Number of CPSM program-working-storage blocks free	16
FREEOSSBUSE	BINARY	CPSM	4	AVG		Number of times free working-storage blocks used	17
GETMAINOSSB	BINARY	CPSM	4	AVG		Number of GETMAINS for working-storage blocks	18
VTAMACB	CVDAS	INQ	4	LIKE	yes	VTAM ACB open status	19
VTAMACB Input/Output Valid Values	OPEN CLOSED						
VTAMACB Input Valid Values	IMMCLOSE FORCECLOSE						
VTAMACB Output Valid Values	CLOSING IMMCLOSING FORCECLOSING						
IRCSTATUS	CVDAS	INQ	4	LIKE	yes	Interregion communication status	20
IRCSTATUS Input/Output Valid Values	OPEN CLOSED						
IRCSTATUS Input Valid Values	IMMCLOSE						
IRCSTATUS Output Valid Values	CLOSING IMMCLOSING						
DREPSTATUS	CVDAS	INQ	4	LIKE		Data repository status	21
DREPSTATUS Output Valid Values	OPEN CLOSED OPENING CLOSING CLOSEREQUEST						
SYSTEMSTATUS	CVDAS	INQ	4	N/A	yes	System trace status	22

Resource table descriptions

Table 29. CMAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SYSTEMSTATUS Input/Output Valid Values	SYSTEMON SYSTEMOFF						
USERSTATUS	CVDAS	INQ	4	N/A	yes	User trace status	23
USERSTATUS Input/Output Valid Values	USERON USEROFF						
AUXSTATUS	CVDAS	INQ	4	LIKE	yes	Auxiliary trace status	24
AUXSTATUS Input/Output Valid Values	AUXSTART AUXSTOP AUXPAUSE						
AUXSWITCH	CVDAS	INQ	4	LIKE	yes	Auxiliary trace switch status	25
AUXSWITCH Input/Output Valid Values	NOSWITCH SWITCHALL SWITCHNEXT						
GTFSTATUS	CVDAS	INQ	4	LIKE	yes	Generalized trace facility (GTF) trace status	26
GTFSTATUS Input/Output Valid Values	GTFSTART GTFSTOP						
CASSTATUS	EYUDA	CPSM	4	LIKE		Coordinating address space (CAS) connection status	27
CASSTATUS Output Valid Values	ACTIVE INACTIVE WAITING LOSTCON						
TOTLTASKS	BINARY	STAT	4	AVG		Total number of CICS tasks run in CMAS	28
CURRTASKS	BINARY	STAT	2	AVG		Current number of tasks	29
AMAXTASK	BINARY	STAT	2	AVG		Maximum number of active tasks	30
PEAKAMAX	BINARY	STAT	2	AVG		Peak number of user tasks eligible for dispatch	31
MAXTCNT	BINARY	STAT	2	AVG		Number of times maximum task limit reached	32
KNLTRACE	BINARY	CPSM	4	AVG	yes	Kernel linkage trace flags	33
TRATRACE	BINARY	CPSM	4	AVG	yes	Trace services trace flags	34
MSGTRACE	BINARY	CPSM	4	AVG	yes	Message services trace flags	35
SRVTRACE	BINARY	CPSM	4	AVG	yes	Common services trace flags	36
CHETRACE	BINARY	CPSM	4	AVG	yes	Cache services trace flags	37
DATTRACE	BINARY	CPSM	4	AVG	yes	Data repository services trace flags	38
QUETRACE	BINARY	CPSM	4	AVG	yes	Queue services trace flags	39
COMTRACE	BINARY	CPSM	4	AVG	yes	Communications trace flags	40
TOPTRACE	BINARY	CPSM	4	AVG	yes	Topology trace flags	41
MONTRACE	BINARY	CPSM	4	AVG	yes	Monitoring trace flags	42
RTATRACE	BINARY	CPSM	4	AVG	yes	Real time analysis trace flags	43
WLMTRACE	BINARY	CPSM	4	AVG	yes	Workload management trace flags	44

Table 29. CMAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
MAXTASK	BINARY	STAT	4	AVG	yes	Maximum number of active and suspended tasks	45
TIMEZONE	CHAR	CPSM	1	DIF	yes	CMAS time zone	46
ZONEOFFS	BINARY	CPSM	1	DIF	yes	CMAS time zone offset	47
DREPDSN	CHAR	CPSM	44	DIF		Data repository data set name	48
MONMCONN	BINARY	CPSM	4	AVG		Number of pending connection-monitoring queues	49
MONMFILE	BINARY	CPSM	4	AVG		Number of pending file-monitoring queues	50
MONMJRNL	BINARY	CPSM	4	AVG		Number of pending journal-monitoring queues	51
MONMPROG	BINARY	CPSM	4	AVG		Number of pending program-monitoring queues	52
MONMTERM	BINARY	CPSM	4	AVG		Number of pending terminal-monitoring queues	53
MONMTRAN	BINARY	CPSM	4	AVG		Number of pending transaction-monitoring queues	54
MONMTDQ	BINARY	CPSM	4	AVG		Number of pending TD-monitoring queues	55
MONMSYS	BINARY	CPSM	4	AVG		Number of pending global-monitoring queues	56
DAYLIGHT	EYUDA	CPSM	4	N/A	yes	Daylight savings time	58
DAYLIGHT Input/Output Valid Values	YES NO						
MAXSTCB	BINARY	CPSM	4	AVG		Maximum number of STCBs allocated	57
NETVPPI	EYUDA	CPSM	4	LIKE	yes	Netview PPI to be used	59
NETVPPI Input/Output Valid Values	YES NO						
NETALERT	BINARY	CPSM	8	AVG		Number of Netview alerts sent	60
SDUMP	EYUDA	CPSM	4	LIKE	yes	System dump option	62
# # # SDUMP Input/Output Valid Values	YES NO NEVER						
RODMNAME	CHAR	CPSM	8	DIF		Resource status facility name	63

CMASLIST Resource Table

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

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

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

The following actions are supported:

RESETTIME

Reset the internal CICS clock

SHUTDOWN

Shutdown the CMAS

PURGE

Purge incore ESM security profiles

SECUREBUILD

Rebuild the ESM Security profiles

These actions require no unique parameter data.

Length	40
Usage	API
API view	No
CMAS context	Yes
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2450 or CMASLIST
Valid API operations	GET and PERFORM

API Actions

RESETTIME

Reset the internal CICS clock

SHUTDOWN

Shutdown

Parameters: None

PURGE

Purge security profiles

Parameters: None

SECUREBUILD

Rebuild security profiles

Parameters: None

Table 30. CMASLIST FEEDBACK error codes

Code	Description	Code	Description
REC_NOT_FOUND	Requested resource not found	SECURITY_NOT_ACTIVE	Security not active

Table 31. CMASLIST resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CMASNAME-1	CHAR	CPSM	8	DIF	CMAS name	4
TRANSITCMAS	CHAR	CPSM	8	DIF	First transit CMAS name	5
SYSID	CHAR	CPSM	4	DIF	CMAS CICS system ID	6
CPSMVER	CHAR	CPSM	4	DIF	CPSM version of CMAS	7
STATUS	EYUDA	CPSM	4	LIKE	Status of CMAS as known to local CMAS	8
STATUS Output Valid Values	N_A INACTIVE ACTIVE LOSTCON CREATING					
ACCESSTYPE	EYUDA	CPSM	4	LIKE	Type of access that CMAS has to local CMAS	9
ACCESSTYPE Output Valid Values	N_A LOCAL ADJACENT INDIRECT					
TRANSITCNT	BINARY	CPSM	2	AVG	For indirect access CMAS, number of transit CMASs	10

CMASPLEX Resource Table

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

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

Length	24
Usage	API
API view	No
CMAS context	Yes
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2452 or CMASPLEX
Valid API operations	GET

Table 32. CMASPLEX FEEDBACK error codes

Code	Description	Code	Description
INV_NAMELIST	Invalid name list	REC_NOT_FOUND	Requested resource not found

Table 33. CMASPLEX resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
PLEXNAME-1	CHAR	CPSM	8	DIF	CICSplex name	4
MPSTATUS	EYUDA	CPSM	4	LIKE	CMAS is maintenance point	5
MPSTATUS Output Valid Values	YES NO					
PERFINTVL	BINARY	CPSM	2	AVG	Performance interval duration	7
TMEZONEO	BINARY	CPSM	1	AVG	Time zone offset	9
TMEZONE	CHAR	CPSM	1	DIF	Time zone	10
DAYLGHTSV	EYUDA	CPSM	4	LIKE	Daylight savings time in effect	11
DAYLGHTSV Output Valid Values	YES NO					

CMDMPAPS Resource Table

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

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

There are no object specific actions for this resource class.

Length	24
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt4353 or CMDMPAPS
Valid API operations	GET CREATE and REMOVE

Table 34. CMDMPAPS FEEDBACK error codes

Code	Description	Code	Description
CMAS_NOT_UNIQUE	Association is not unique	INV_RESTYPE	Invalid resource type
DUP_ASSOCIATION	Duplicate association	INV_VER	Invalid resource version
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_REFERENCE	Attribute references an invalid resource	REC_NOT_FOUND	Requested resource not found

Table 35. CMDMPAPS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CMASNAME-1	CHAR	CPSM	8	Yes	DIF	Primary CMAS name	5
SPEC-2	CHAR	CPSM	8	Yes	DIF	Analysis point specification (APSPEC) name	6

CMDMSAPS Resource Table

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

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

There are no object specific actions for this resource class.

Length 24
Usage API or Batch Utility
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Definition
Copybook identifier EYUt4354 or CMDMSAPS
Valid API operations GET CREATE and REMOVE

Table 36. CMDMSAPS FEEDBACK error codes

Code	Description	Code	Description
DUP_ASSOCIATION	Duplicate association	INV_VER	Invalid resource version
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_REFERENCE	Attribute references an invalid resource	REC_NOT_FOUND	Requested resource not found
INV_RESTYPE	Invalid resource type		

Table 37. CMDMSAPS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CMASNAME-1	CHAR	CPSM	8	Yes	DIF	Secondary CMAS name	5
SPEC-2	CHAR	CPSM	8	Yes	DIF	Analysis point specification (APSPEC) name	6

CMDT Resource Table

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

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

The following actions are supported:

CLOSE

Close the data table file.

The parameter data for the CLOSE action is:

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

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

```
WAIT
NOWAIT
FORCE
```

DISABLE

Disable the data table file.

The parameter data for the DISABLE action is:

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

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

```
WAIT
NOWAIT
FORCE
```

DISCARD

Discard the data table file.

ENABLE

Enable the data table file.

OPEN

Open the data table file.

Length	320
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0041 or CMDT
Valid API operations	GET SET and PERFORM

API Actions

CLOSE	Close
	PARM(' BUSY(<i>value</i>) .')
DISABLE	Disable
	PARM(' BUSY(<i>value</i>) .')

Resource table descriptions

DISCARD

Discard

ENABLE

Parameters: None
Enable

OPEN

Parameters: None
Open

Parameters: None

Table 38. CMDT FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid		

Table 39. CMDT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved			
FILE-1	CHAR	INQ	8	DIF		File ID			1
ADD	CVDAS	INQ	4	LIKE	yes	Add option			2
ADD Input/Output Valid Values	ADDABLE NOTADDABLE								
BROWSE	CVDAS	INQ	4	LIKE	yes	Browse option			3
BROWSE Input/Output Valid Values	BROWSABLE NOTBROWSABLE								
DELETE	CVDAS	INQ	4	LIKE	yes	Delete option			4
DELETE Input/Output Valid Values	DELETEABLE NOTDELETEABLE								
DISPOSITION	CVDAS	INQ	4	LIKE	yes	Disposition of associated data set			5
DISPOSITION Input/Output Valid Values	OLD SHARE								
DSNAME	CHAR	INQ	44	DIF	yes	Data set name			6
ENABLESTATUS	CVDAS	INQ	4	LIKE	yes	Enablement status			7
ENABLESTATUS Input/Output Valid Values	ENABLED DISABLED								
ENABLESTATUS Output Valid Values	UNENABLED DISABLING								
FWDRECSTATUS	CVDAS	INQ	4	LIKE		Forward recovery option			8

Resource table descriptions

Table 39. CMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
FWDRECSTATUS Output Valid Values	FWDRECOVERABLE NOTFWDRCVBLE								
KEYLENGTH	BINARY	INQ	4	AVG		Key length			9
KEYPOSITION	BINARY	INQ	4	AVG		Key position			10
MAXNUMRECS	BINARY	INQ	4	AVG	yes	Maximum number of records table can hold			11
OPENSTATUS	CVDAS	INQ	4	LIKE	yes	Open status			12
OPENSTATUS Input/Output Valid Values	OPEN CLOSED								
OPENSTATUS Output Valid Values	OPENING CLOSING CLOSEREQUEST								
READ	CVDAS	INQ	4	LIKE	yes	Read option			13
READ Input/Output Valid Values	READABLE NOTREADABLE								
RECORDFORMAT	CVDAS	INQ	4	LIKE		Record format			14
RECORDFORMAT Output Valid Values	FIXED VARIABLE UNDEFINED								
RECORDSIZE	BINARY	INQ	4	AVG		Record size			15
RECOVSTATUS	CVDAS	INQ	4	LIKE		Recovery type			16
RECOVSTATUS Output Valid Values	RECOVERABLE NOTRECOVERABLE								
STRINGS	BINARY	INQ	4	AVG	yes	Number of strings			17
TABLE	CVDAS	INQ	4	LIKE	yes	Type of data table			18
TABLE Input/Output Valid Values	CICSTABLE USERTABLE CFTABLE NOTTABLE								

Table 39. CMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
TABLE Output Valid Values	NOTAPPLIC								
VSAMTYPE	CVDAS	INQ	4	LIKE		Type of VSAM data set			19
VSAMTYPE Output Valid Values	ESDS KSDS RRRDS								
UPDATE	CVDAS	INQ	4	LIKE	yes	Update option			20
UPDATE Input/Output Valid Values	UPDATABLE NOTUPDATABLE								
TIMEOPEN	DECTIME	STAT	4	MAX		Local time file was opened			21
TIMECLOSE	DECTIME	STAT	4	MAX		Local time file was closed			22
GETCNT	BINARY	STAT	4	AVG		Number of READ requests			23
GETUPDCNT	BINARY	STAT	4	AVG		Number of READ UPDATE requests			24
BROWSECNT	BINARY	STAT	4	AVG		Number of READNEXT and READPREV requests			25
ADDCNT	BINARY	STAT	4	AVG		Number of WRITE requests			26
UPDATECNT	BINARY	STAT	4	AVG		Number of REWRITE requests			27
LOCDELCNT	BINARY	STAT	4	AVG		Number of DELETE requests			28
DEXCPCNT	BINARY	STAT	4	AVG		Number of I/O operations on data component			29
IEXCPCNT	BINARY	STAT	4	AVG		Number of I/O operations on index component			30
WSTRCNT	BINARY	STAT	4	AVG		Total requests queued because strings in use			31
READS	BINARY	STAT	4	AVG		Number of successful reads			32
RECNOTFND	BINARY	STAT	4	AVG		Total number of records not found in table			33

Resource table descriptions

Table 39. CMTD resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
ADDFRREAD	BINARY	STAT	4	AVG		Number of records added to table by READ requests			34
ADDREQ	BINARY	STAT	4	AVG		Number of records added from WRITE requests			35
ADDREJ	BINARY	STAT	4	AVG		Number of add requests rejected by user exit			36
ADDTFULL	BINARY	STAT	4	AVG		Number of add requests rejected when table full			37
REWRITE	BINARY	STAT	4	AVG		Number of REWRITE requests			38
DELETEREQ	BINARY	STAT	4	AVG		Number of DELETE requests			39
MAXTSIZE	BINARY	STAT	4	AVG		Maximum table size			40
CURCOUNT	BINARY	STAT	4	AVG		Current number of records in data table file			41
READRETRY	BINARY	STAT	4	AVG		Number of read retries			42
STGALCTOT	BINARY	STAT	4	AVG		Total storage allocated (kilobytes)			43
STGALCINU	BINARY	STAT	4	AVG		Total storage in use (kilobytes)			44
STGENTTOT	BINARY	STAT	4	AVG		Storage allocated for record entry blocks (KB)			45
STGENTINU	BINARY	STAT	4	AVG		Storage in use for record entry blocks (KB)			46
STGIDXTOT	BINARY	STAT	4	AVG		Storage allocated for index (kilobytes)			47
STGIDXINU	BINARY	STAT	4	AVG		Storage in use for index (kilobytes)			48
STGDTATOT	BINARY	STAT	4	AVG		Storage allocated for record data (kilobytes)			49
STGDTAINU	BINARY	STAT	4	AVG		Storage in use for record data (kilobytes)			50
JOURNALNUM	BINARY	INQ	2	AVG		Journal number			51

Table 39. CMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
WSTRCCURCNT	BINARY	STAT	2	AVG		Peak concurrent requests queued - strings in use			52
LSRPOOLID	CHAR	INQ	2	DIF	yes	Local shared resources pool ID			53
NUMDATBUFF	BINARY	STAT	2	AVG		Number of data buffers			54
NUMINDEXBUFF	BINARY	STAT	2	AVG		Number of index buffers			55
NUMACTSTRING	BINARY	STAT	2	AVG		Number of active strings			56
GMTFILEOPN	TIMESTP	STAT	8	MAX		GMT file open time			57
GMTFILECLS	TIMESTP	STAT	8	MAX		GMT file close time			58
NUMSTRINGWT	BINARY	STAT	2	AVG		Number of active string waits			59
DATASETTYPE	CHAR	STAT	1	DIF		Data set type			60
POOLNAME	CHAR	INQ	8	DIF	yes	CFDT pool name			62
TABLENAME	CHAR	INQ	8	DIF	yes	CFDT table name			63
UPDATEMODEL	CVDAS	INQ	4	LIKE	yes	CFDT update model			64
UPDATEMODEL Input/Output Valid Values	LOCKING CONTENTION NOTAPPLIC								
LOADTYPE	CVDAS	INQ	4	LIKE	yes	CFDT load type			65
LOADTYPE Input/Output Valid Values	LOAD NOLOAD NOTAPPLIC								
CONTENTION	CODEDBIN	STAT	4	AVG		Number of CFDT contentions			66

CMTCMDEF Resource Table

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

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

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

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

There are no object specific actions for this resource class.

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

Length	136
Usage	API or Batch Utility
API view	No
CMAS context	Yes
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt2732 or CMTCMDEF
Valid API operations	GET CREATE UPDATE and REMOVE

Table 40. CMTCMDEF FEEDBACK error codes

Code	Description	Code	Description
APPLID_DUP	Duplicate application ID	MISMATCH_APPLID	Target Applid mismatch
CEDA_FAILURE_DEFINE	Failure defining resource on CICS CSD	MISMATCH_SYSID	SYSID mismatch
CEDA_FAILURE_INSTALL	Install to CICS CSD failed	MISMATCH_TARGNAME	Target Name mismatch
CEDA_FAILURE_MOVE	Move on CICS CSD failed	REC_CHANGED	Resource definition already changed
CEDA_TIMEOUT	Timeout whilst updating CICS CSD	REC_EXISTS	Resource already exists
CONNECTION_ACTIVE	Connection active	REC_NOT_FOUND	Requested resource not found
CONNECTION_PENDING	Connection pending	REPOSITORY_FAILURE	Error in data repository
CONNECTION_RESET	Connection reset	SYSID_DUP	Duplicate system ID
INV_DATA	Attribute data invalid	TIMEOUT	Timeout
LINK_DATA	Link data	UNKNOWN_METH_STATUS	Unexpected return code from internal program call
LINK_TYPE	Invalid link type		

Table 41. CMTCMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed		1
TARGETNAME-1	CHAR	CPSM	8	Yes	DIF	Target CMAS name		5
TARGETAPPL	CHAR	CPSM	8	Yes	DIF	Target CMAS VTAM application ID		6
SYSID	CHAR	CPSM	4	Yes	DIF	Target CMAS system ID		7
PROTOCOL	EYUDA	CPSM	4	Yes	LIKE	Link protocol		8
PROTOCOL Input/Output Valid Values	LU62 MRO							
MODENAME	CHAR	CPSM	8	Yes	DIF	LU 6.2 mode name		9
RECVPFX	CHAR	CPSM	2	No	DIF	Multiregion operation (MRO) receive prefix		10
SENDPFX	CHAR	CPSM	2	No	DIF	Multiregion operation (MRO) send prefix		11
DESC	CHAR	CPSM	58	No	DIF	Description		12
SENDERBUF	BINARY	CPSM	2	Yes	AVG	Send buffer size	256-30720	13
RECVBUF	BINARY	CPSM	2	Yes	AVG	Receive buffer size	256-30720	14
SECATTACH	CHAR	CPSM	16	Yes	DIF	Type of attach-time security to be used		15
SECATTACH Input/Output Valid Values	LOCAL IDENTIFY							
SECNAME	CHAR	CPSM	8	No	DIF	User ID of remote system for security purposes		16

CMTCMLNK Resource Table

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

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

The following actions are supported:

```
#
# ACQUIRE
#       Attempt to place the CICS Connection used by the CMTCMLNK
#       INSERVICE and ACQUIRED.
#
#       Parameters: None This action can be used only on CMTCMLNKs using a
#       PROTOCOL of LU62
```

```
DISCARD
       Discard the connection.
```

The DISCARD action requires no unique parameter data.

```
Length           152
Usage           API
API view       No
CMAS context   Yes
SCOPE applies No
Only query CMASs in workload
                   No
Object type    CPSM Manager
Copybook identifier
                   EYUt2444 or CMTCMLNK
Valid API operations
                   GET and PERFORM
```

```
#
# API Actions
# ACQUIRE
#       Attempt to place the CICS Connection used by the
#       CMTCMLNK INSERVICE and ACQUIRED.
#
#       Parameters: None
#
# DISCARD
#       Discard
#
#       Parameters: None
```

Table 42. CMTCMLNK FEEDBACK error codes

Code	Description	Code	Description
CICS_FAILURE	CICS failure	LINK_RESET	Link reset
DISCARD_FAILED	Discard failed	PLEXNAME_MISSING	CICSplex name missing
INV_DATA	Attribute data invalid	RECNAME_MISSING	Record name missing
LINK_IS_ACTIVE	Link is active	REC_NOT_FOUND	Requested resource not found
# LINK_NOTINSERVICE	CICS link is not INSERVICE	LINK_NOTACQUIRED	CICS link is not acquired
# LINK_NOTLU62	Link protocol is not LU62	LINK_PENDING	Link pending

Table 43. CMTCMLNK resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
NAME-1	CHAR	CPSM	8	DIF	Target CMAS name	4
SYSID	CHAR	CPSM	4	DIF	Target CMAS system ID	5

Table 43. CMTMCLNK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
PROTOCOL	EYUDA	CPSM	4	LIKE	Link protocol	6
PROTOCOL Output Valid Values	LU62 MRO					
CICSCONN	CVDAS	INQ	4	LIKE	CICS connection status	7
CICSCONN Output Valid Values	RELEASED OBTAINING ACQUIRED FREEING AVAILABLE					
CICSSERV	CVDAS	INQ	4	LIKE	CICS service status	8
CICSSERV Output Valid Values	INSERVICE OUTSERVICE GOINGOUT					
CPSMCONN	EYUDA	CPSM	4	LIKE	CICSplex SM connection status	9
CPSMCONN Output Valid Values	CONACT RESET PENDING					
MALSENT	BINARY	CPSM	8	AVG	Total CICSplex SM service requests and responses sent	10
MSGSENT	BINARY	CPSM	8	AVG	Number of message packets sent	11
TBUFSENT	BINARY	CPSM	8	AVG	Number of transit buffers sent	12
UBYTSENT	BINARY	CPSM	8	AVG	Number of bytes sent (uncompressed)	13
CBYTSENT	BINARY	CPSM	8	AVG	Number of bytes sent (compressed)	14
MALSRCVD	BINARY	CPSM	8	AVG	Total CICSplex SM service requests and responses received	15
MSGSRCVD	BINARY	CPSM	8	AVG	Number of message packets received	16
TBUFRCD	BINARY	CPSM	8	AVG	Number of transit buffers received	17
UBYTRCD	BINARY	CPSM	8	AVG	Number of bytes received (uncompressed)	18
CBYTRCD	BINARY	CPSM	8	AVG	Number of bytes received (compressed)	19
SCHEDCLK	INTUSEC	CPSM	8	MAX	Cumulative time to schedule CICSplex SM service requests	20
TRANSCLK	INTUSEC	CPSM	8	MAX	Cumulative time to transmit CICSplex SM service requests	21
EXECCLK	INTUSEC	CPSM	8	MAX	Cumulative time to execute CICSplex SM service requests	22
RCVCLK	INTUSEC	CPSM	8	MAX	Cumulative time to receive CICSplex SM service requests	23
APPLID	CHAR	CPSM	8	DIF	VTAM application ID	24

CMLTPMDEF Resource Table

A CPM SM Communications Definition that describes a CMAS-to-Remote MAS connection from the perspective of the context CMAS.

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

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

There are no object specific actions for this resource class.

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

Length	136
Usage	API or Batch Utility
API view	No
CMAS context	Yes
SCOPE applies	No
Only query CMASs in workload	No
Object type	CP SM Definition
Copybook identifier	EYUt2733 or CMLTPMDEF
Valid API operations	GET CREATE UPDATE and REMOVE

Table 44. CMLTPMDEF FEEDBACK error codes

Code	Description	Code	Description
APPLID_DUP	Duplicate application ID	LINK_DATA	Link data
CEDA_FAILURE_DEFINE	Failure creating definition on CICS CSD	LINK_TYPE	Invalid link type
CEDA_FAILURE_INSTALL	Failure installing definition on CICS CSD	REC_CHANGED	Resource definition already changed
CEDA_FAILURE_MOVE	Failure moving CICS CSD definition	REC_EXISTS	Resource already exists
CEDA_TIMEOUT	Timeout updating CICS CSD	REC_NOT_FOUND	Requested resource not found
CONNECTION_ACTIVE	Connection active	REPOSITORY_FAILURE	Error in data repository
CONNECTION_PENDING	Connection pending	SYSID_DUP	Duplicate system ID
CONNECTION_RESET	Connection reset	TIMEOUT	Remote request timed out
INV_DATA	Attribute data invalid	UNKNOWN_METH_STATUS	Unknown status returned by called program

Table 45. CMLTPMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Value Range	Attr ID
CHANGETIME	DATETIME	CP SM	8	Yes	MAX	Last time the definition was changed		1
TARGETNAME-1	CHAR	CP SM	8	Yes	DIF	Target remote MAS name		5
TARGETAPPL	CHAR	CP SM	8	Yes	DIF	Target remote MAS VTAM application ID		6
SYSID	CHAR	CP SM	4	Yes	DIF	Target remote MAS system ID		7
PROTOCOL	EYUDA	CP SM	4	Yes	LIKE	Link protocol		8

Table 45. CMTPMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Value Range	Attr ID
PROTOCOL Input/Output Valid Values	LU62 MRO							
MODENAME	CHAR	CPSM	8	No	DIF	LU 6.2 mode name		9
RECVPFX	CHAR	CPSM	2	No	DIF	Multiregion operation (MRO) receive prefix		10
SENDPFX	CHAR	CPSM	2	No	DIF	Multiregion operation (MRO) send prefix		11
DESC	CHAR	CPSM	58	No	DIF	Description		12
SENDBUF	BINARY	CPSM	2	Yes	AVG	Send buffer size	256-30720	13
RECVBUF	BINARY	CPSM	2	Yes	AVG	Receive buffer size	256-30720	14
SECATTACH	CHAR	CPSM	16	Yes	DIF	Type of attach-time security to be used		15
SECATTACH Input/Output Valid Values	LOCAL IDENTIFY							
SECNAME	CHAR	CPSM	8	No	DIF	User ID of remote system for security purposes		16

CMLPMLNK Resource Table

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

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

The following action is supported:

DISCARD

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

The DISCARD action requires no unique parameter data.

Length 160
Usage API
API view No
CMAS context Yes
SCOPE applies No
Only query CMASs in workload No
Object type CPM Manager
Copybook identifier EYUt2445 or CMLPMLNK
Valid API operations GET and PERFORM

API Actions

DISCARD Discard

Parameters: None

Table 46. CMLPMLNK FEEDBACK error codes

Code	Description	Code	Description
CICS_FAILURE	CICS failure	LINK_RESET	Link reset
DISCARD_FAILED	Discard failed	PLEXNAME_MISSING	CICSplex name missing
INV_DATA	Attribute data invalid	RECFNAME_MISSING	Record name missing
LINK_IS_ACTIVE	Link is active	REC_NOT_FOUND	Requested resource not found
LINK_PENDING	Link pending		

Table 47. CMLPMLNK resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
NAME-1	CHAR	CPSM	8	DIF	MAS name	4
SYSID	CHAR	CPSM	4	DIF	MAS system ID	5
PROTOCOL	EYUDA	CPSM	4	LIKE	Link protocol	6
PROTOCOL Output Valid Values	LU62 MRO ESSS					
CICSCONN	CVDAS	INQ	4	LIKE	CICS connection status	7
CICSCONN Output Valid Values	RELEASED OBTAINING ACQUIRED FREEING AVAILABLE					

Table 47. CMTPLNK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CICSSERV	CVDAS	INQ	4	LIKE	CICS service status	8
CICSSERV Output Valid Values	INSERVICE OUTSERVICE GOINGOUT					
CPSMCONN	EYUDA	CPSM	4	LIKE	CICSplex SM connection status	9
CPSMCONN Output Valid Values	CONACT RESET PENDING					
MALSSSENT	BINARY	CPSM	8	AVG	Number of service requests and responses sent	10
MSGSSSENT	BINARY	CPSM	8	AVG	Number of message packets sent	11
TBUFSSENT	BINARY	CPSM	8	AVG	Number of transit buffers sent	12
UBYTSENT	BINARY	CPSM	8	AVG	Number of bytes sent (uncompressed)	13
CBYTSENT	BINARY	CPSM	8	AVG	Number of bytes sent (compressed)	14
MALSRCVD	BINARY	CPSM	8	AVG	Number of service requests and responses received	15
MSGSRCVD	BINARY	CPSM	8	AVG	Number of message packets received	16
TBUFRCD	BINARY	CPSM	8	AVG	Number of transit buffers received	17
UBYTRCD	BINARY	CPSM	8	AVG	Number of bytes received (uncompressed)	18
CBYTRCD	BINARY	CPSM	8	AVG	Number of bytes received (compressed)	19
SCHEDCLK	INTUSEC	CPSM	8	MAX	Total wait time for CICSplex SM service requests	20
TRANSCLK	INTUSEC	CPSM	8	MAX	Total transmit time for CICSplex SM service requests	21
EXECCLK	INTUSEC	CPSM	8	MAX	Total execution time for CICSplex SM service requests	22
RCVCLK	INTUSEC	CPSM	8	MAX	Total receive time for CICSplex SM service requests	23
PLEXNAME	CHAR	CPSM	8	DIF	Name of CICSplex which MAS belongs to	24
APPLID	CHAR	CPSM	8	DIF	VTAM application ID	25

CONINGRP Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6145 or CONINGRP
Valid API operations	GET CREATE and REMOVE

Table 48. CONINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 49. CONINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
CONNGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
CONNNAME-2	CHAR	CPSM	8	Yes	DIF	Connection definition name	6
CONNVER-3	BINARY	CPSM	1	Yes	AVG	Connection definition version	7

CONNDEF Resource Table

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

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

The following actions are supported:

INSTALL

Install a Connection Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	368
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3800 or CONNDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	

GET [RESGROUP] [CICSSYS]

CREATE
[RESGROUP]

API Actions

INSTALL

Install

PARM(' [NOTIFY(*value*)] USAGE(*value*)
[FORCEINS(*value*)] [STATECHK(*value*)]
[MODE(*value*)] [OVERTYPE(*value*)]
[OVERRIDE(*override*)] REFASSIGN(*value*)
TARGET(*value*) [RELATED(*value*)] .')

ADDTOGRP

Add to resource group

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

Table 50. CONNDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_STATECHK	Invalid state check
EARLY_NAMELIST_END	Early name list end	INV_STRNGTERM	Invalid string terminator
INCONSISTENT_SET	Inconsistent set condition	INV_TSCOPE	Invalid target scope
INV_ACTION	Invalid action	INV_USAGE	Invalid usage
INV_ATTRIBUTE	Invalid attribute	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	MISSING_RELSYSID	Missing related system identifier
INV_DATA	Attribute data invalid	MORE_THAN_1_RELSYS	More than one related system
INV_EMBEDTERM	Invalid embedded terminator	NODEFS_SELECTED	No definitions selected
INV_FORCEINS	Invalid force install	NON_MP	Maintenance point CMAS not available
INV_LITERAL	Invalid literal	NOTHING_INSTALLED	Nothing installed

Resource table descriptions

Table 50. CONNDEF FEEDBACK error codes (continued)

INV_MINNAME	Invalid minor name	NOTIFY	Notify
INV_MODE	Invalid mode	NO_RELATED	No related systems
INV_NAME	Invalid name	NO_TARGETS	No targets
INV_NAMELIST	Invalid name list	PARTIAL_INSTALL	Partial install
INV_NOTIFY	Invalid notify	REC_CHANGED	Resource definition already changed
INV_ORSTGNA	Invalid override string	REC_EXISTS	Resource already exists
INV_ORSTRING	Invalid override string	REC_NOT_FOUND	Requested resource not found
INV_OVERTYPE	Invalid over type	REFASSGN_REQ	Referenced resource assignment required
INV_OVRBLOCK	Invalid override block	REFASSIGN_NOTFND	Referenced resource assignment not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	SESS_NOTINSTL	Session not installed
INV_RESTYPE	Invalid resource type	USAGE_CONFLICT	Usage conflict
INV_RSCOPE	Invalid related scope		

Table 51. CONNDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	Connection definition name			7
ACCESSMETHOD	CVDAS	CPSM	4	Yes	LIKE	Access method	VTAM		9
ACCESSMETHOD Input/Output Valid Values	VTAM IRC INDIRECT XM NETBIOS TCP/IP								
ATTACHSEC	EYUDA	CPSM	4	Yes	LIKE	Level of attach-time security	LOCAL		10
ATTACHSEC Input/Output Valid Values	LOCAL IDENTIFY MIXIDPE PERSISTENT VERIFY								
AUTOCONNECT	EYUDA	CPSM	4	Yes	LIKE	Autocconnect sessions for VTAM	NO		11
AUTOCONNECT Input/Output Valid Values	NO ALL YES								
BINDPASSWORD	HIDCHAR	CPSM	16	No	DIF	Bind password			12
BINDSECURITY	EYUDA	CPSM	4	Yes	LIKE	Bind time security	NO		13
BINDSECURITY Input/Output Valid Values	YES NO								
CONNTYPE	CVDAS	CPSM	4	Yes	LIKE	Nature of connection	NOTAPPLIC		14
CONNTYPE Input/Output Valid Values	GENERIC SPECIFIC NOTAPPLIC APPC NETBIOS TCP/IP								
DATASTREAM	EYUDA	CPSM	4	Yes	LIKE	Data stream type	USER		15
DATASTREAM Input/Output Valid Values	USER LMS SCS STRFIELD 3270								
INDSYS	CHAR	CPSM	4	No	DIF	Intermediate system name			16
INSERVICE	EYUDA	CPSM	4	Yes	LIKE	Connection status	YES		17

Resource table descriptions

Table 51. CONNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
INSERVICE Input/Output Valid Values	YES NO								
MAXQTIME	CHAR	CPSM	8	No	DIF	Maximum queue time	NO	0-9999	18
MAXQTIME Input/Output Valid Values	NO								
NETNAME	CHAR	CPSM	8	No	DIF	Network name			19
PROTOCOL	CVDAS	CPSM	4	Yes	LIKE	Protocol	APPC		20
PROTOCOL Input/Output Valid Values	APPC EXCI LU61 NOTAPPLIC N_A								
PSRECOVERY	EYUDA	CPSM	4	Yes	LIKE	Persistent session recovery	SYSDEFAULT		21
PSRECOVERY Input/Output Valid Values	NONE SYSDEFAULT N_A								
QUEUELIMIT	CHAR	CPSM	8	No	DIF	Queue limit	NO	0-9999	22
QUEUELIMIT Input/Output Valid Values	NO								
RECORDFORMAT	EYUDA	CPSM	4	Yes	LIKE	Record format	U		23
RECORDFORMAT Input/Output Valid Values	U VB								
REMTENAME	CHAR	CPSM	4	No	DIF	Connection name in remote system			24
REMTESYSNET	CHAR	CPSM	8	No	DIF	Net name of the owning TOR			25
REMTESYSTEM	CHAR	CPSM	4	No	DIF	Remote connection name			26
SECURITYNAME	CHAR	CPSM	8	No	DIF	Security name for remote system			27
SINGLESESS	EYUDA	CPSM	4	Yes	LIKE	APPC terminal on single session APPC link	NO		28

Table 51. CONNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
SINGLESESS Input/Output Valid Values	YES NO N_A								
XLNACTION	EYUDA	CPSM	4	Yes	LIKE	Exchange lognames (XLN) action	N_A		29
XLNACTION Input/Output Valid Values	KEEP FORCE N_A								
CONNPRIORITY	CHAR	CPSM	4	No	DIF	Connection priority	86	0-255	30
LUALIAS	CHAR	CPSM	8	No	DIF	Local logical unit alias name			31
PARTLUALIAS	CHAR	CPSM	8	No	DIF	Partner logical unit alias name			32
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Definition create time			33
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			34
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			35
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			36
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			37
USEDFLTUSER	EYUDA	CPSM	4	Yes	LIKE	Use default user ID	N_A		39
USEDFLTUSER Input/Output Valid Values	NO YES N_A								
SESSBUFFSIZE	CHAR	CPSM	6	No	DIF	Maximum session buffer size	16384	512-40000	40
SESSCOUNT	CHAR	CPSM	2	No	DIF	Number of concurrently active sessions	1	1-99	41
PARTCODEPAGE	CHAR	CPSM	6	No	DIF	Partner code page	37	1-99999	42
MODENAME	CHAR	CPSM	8	No	DIF	Communication mode name			43
NETBIOSADAPT	CHAR	CPSM	1	No	DIF	NETBIOS logical LAN adapter		0-1	44
NETBIOSADAPT Input/Output Valid Values	B								
REMSYSAPPLID	CHAR	CPSM	8	No	DIF	NETBIOS remote system application ID			45
LOCLHOSTNAME	CHAR	CPSM	40	No	DIF	TCP/IP local host name			46
REMTHOSTNAME	CHAR	CPSM	40	No	DIF	TCP/IP remote host name			47

Resource table descriptions

Table 51. CONNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
REMTHOSTPORT	CHAR	CPSM	6	No	DIF	TCP/IP remote host port	1435	1-65535	48
REMTHOSTPORT Input/Output Valid Values	*								

CONNECT Resource Table

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

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

The following actions are supported:

ACQUIRE

Acquire the connection.

BACKOUT

Back out shunted units of work associated with the connection.

CANCEL

Cancel the connection.

COMMIT

Commit shunted units of work associated with the connection.

DISCARD

Discard the connection.

ENDAFFINITY

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

FORCE

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

FORCECANCEL

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

FORCEPURGE

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

INSERVICE

Place the connection in service.

KILL

Kill all transactions running on sessions on the connected system.

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

NORECOVDATA

Override the normal resynchronization process.

NOTPENDING

Set the connection not pending.

OUTSERVICE

Place the connection out of service.

PURGE

Purge the connection.

RELEASE

Release the connection.

RESYNC

Resynchronize shunted units of work associated with the connection.

These actions require no unique parameter data.

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

Note: In a CICS/VSE environment, the attribute value for RECOVSTATUS(NRS) does not match the CVDA value returned by CICS. The value returned by CICS conflicts with CVDA values in other CICS environments. In order to retain the attribute's uniqueness, CICSplex SM adds 9000 to the value returned by CICS.

Resource table descriptions

Length	328
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0006 or CONNECT
Valid API operations	GET SET and PERFORM
API Actions	
DISCARD	Discard
	Parameters: None
BACKOUT	Back out
	Parameters: None
COMMIT	Commit
	Parameters: None
RESYNC	Resynchronize
	Parameters: None
FORCE	Force
	Parameters: None
ACQUIRE	Acquire
	Parameters: None
INSERVICE	Set to In Service
	Parameters: None
NOTPENDING	Set to Not Pending
	Parameters: None
OUTSERVICE	Set to Out of Service
	Parameters: None
PURGE	Purge
	Parameters: None
CANCEL	Cancel
	Parameters: None
RELEASE	Release
	Parameters: None
ENDAFFINITY	End affinity
	Parameters: None
NORECOVDATA	Override the normal resynchronization process
	Parameters: None
FORCEPURGE	Force Purge
	Parameters: None
KILL	Kill
	Parameters: None
FORCECANCEL	Unsupported releases: E530 Force Cancel
	Parameters: None

Table 52. CONNECT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved			
NAME-1	CHAR	INQ	4	DIF		Connection ID			1
PROTOCOL	CVDAS	INQ	4	LIKE		Connection protocol			2
PROTOCOL Output Valid Values	EXCI LU61 APPC NOTAPPLIC								
TYPE	EYUDA	CPSM	4	LIKE		Connection type			3
TYPE Output Valid Values	LU61 LU62 INDIRECT MRO NETBIOS TCPIP								
ACCESSMETHOD	CVDAS	INQ	4	LIKE		Access method			4
ACCESSMETHOD Output Valid Values	VTAM IRC INDIRECT XM XCF NETBIOS TCPIP								
CONNSTATUS	CVDAS	INQ	4	LIKE	yes	Connection status			5
CONNSTATUS Input/Output Valid Values	RELEASED ACQUIRED								
CONNSTATUS Output Valid Values	OBTAINING FREEING AVAILABLE NOTAPPLIC								
AUTOSTATUS	CVDAS	INQ	4	LIKE		Autoconnect option			6
AUTOSTATUS Output Valid Values	AUTOCONECT NONAUTOCONECT ALLCONN								
EXITTRACING	CVDAS	INQ	4	LIKE	yes	Exit Tracing status			7
EXITTRACING Input/Output Valid Values	EXITTRACE NOEXITTRACE								

Resource table descriptions

Table 52. CONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
EXITRACING Output Valid Values	NOTAPPLIC								
NETNAME	CHAR	INQ	8	DIF		Net name			8
SERVSTATUS	CVDAS	INQ	4	LIKE	yes	Service status			9
SERVSTATUS Input/Output Valid Values	INSERVICE OUTSERVICE								
SERVSTATUS Output Valid Values	GOINGOUT								
PENDSTATUS	CVDAS	INQ	4	LIKE	yes	Pending status			10
PENDSTATUS Input/Output Valid Values	NOTPENDING								
PENDSTATUS Output Valid Values	PENDING NOTAPPLIC								
XLNSTATUS	CVDAS	INQ	4	LIKE		Exchange lognames (XLN) status			11
XLNSTATUS Output Valid Values	XOK XNOTDONE NOTAPPLIC								
ZCPTRACING	CVDAS	INQ	4	LIKE	yes	ZCP tracing			12
ZCPTRACING Input/Output Valid Values	ZCPTRACE NOZCPTRACE								
ZCPTRACING Output Valid Values	NOTAPPLIC								
AIDS	BINARY	STAT	2	AVG		Number of automatic initiator descriptors (AIDs)			13

Table 52. CONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
NONSPECAIDS	BINARY	STAT	2	AVG		Number of AIDs waiting for a session			14
CONCURBIDS	BINARY	STAT	2	AVG		Number of bids currently in progress			15
MAXSECOND	BINARY	STAT	2	AVG		Peak number of secondaries in use at one time			16
MAXBIDS	BINARY	STAT	2	AVG		Maximum number of concurrent bids			17
OUTSALLOC	BINARY	STAT	2	AVG		Peak number of outstanding allocate requests			18
ATISBPRI	BINARY	STAT	4	AVG		Number of ATIs satisfied by primary sessions			19
ATISBSEC	BINARY	STAT	4	AVG		Number of ATIs satisfied by secondary sessions			20
BIDSSSENT	BINARY	STAT	4	AVG		Total number of bids sent			21
ALLOCATES	BINARY	STAT	4	AVG		Total number of allocate requests			22
QUEDALLOCATE	BINARY	STAT	4	AVG		Number of queued allocate requests			23
FAILINKALLOC	BINARY	STAT	4	AVG		Number of allocate requests with link failure			24
FAILEDOTHERS	BINARY	STAT	4	AVG		Number of allocate requests with other failure			25
FCFUNCSHIP	BINARY	STAT	4	AVG		Number of File Control function ships			26
ICFUNCSHIP	BINARY	STAT	4	AVG		Number of Interval Control function ships			27
TDFUNCSHIP	BINARY	STAT	4	AVG		Number of Transient Data function ships			28
TSFUNCSHIP	BINARY	STAT	4	AVG		Number of Temporary Storage function ships			29
DLIFUNCSHIP	BINARY	STAT	4	AVG		Number of DL/I function ships			30

Resource table descriptions

Table 52. CONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
TERMSHAREREQ	BINARY	STAT	4	AVG		Number of terminal sharing requests			31
MAXPRIMARIES	BINARY	STAT	2	AVG		Peak number of primary sessions in use			32
MAXQTPURGCNT	BINARY	STAT	2	AVG		Number of allocates purged due to MAXQTIME value			33
EXIT_REJALLC	BINARY	STAT	4	AVG		Allocates rejected because QUEUELIMIT reached			34
CONNTYPE	CVDAS	INQ	4	LIKE		External CICS interface type			35
CONNTYPE Output Valid Values	SPECIFIC GENERIC								
RECEIVECOUNT	CODEDBIN	INQ	4	AVG		Number of defined receive sessions			36
SENDCOUNT	CODEDBIN	INQ	4	AVG		Number of defined send sessions			37
MAXQTIME	BINARY	STAT	2	AVG		Maximum queue time			38
ALLOCLIMIT	CODEDBIN	STAT	2	AVG		Allocate queue limit (QUEUELIMIT)			39
XZIQREJS	BINARY	STAT	4	AVG		Number of allocates rejected by XZIQUE exit			40
XZIQPRGCNT	BINARY	STAT	2	AVG		Number of queue purges requested by XZIQUE exit			41
XZIQALLPRG	BINARY	STAT	2	AVG		Number of allocates purged by XZIQUE exit			42
MAXQTALLCPRG	BINARY	STAT	2	AVG		Number of allocates purged when MAXQTIME exceeded			43
RECOVSTATUS	CVDAS	INQ	4	LIKE	yes	Recovery status			45
RECOVSTATUS Input/Output Valid Values	NORECOVDATA								

Table 52. CONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
RECOVSTATUS Output Valid Values	RECOVSTATUS	NRS	NOTAPPLIC						
REMOTESYSTEM	CHAR	INQ	4	DIF		Remote connection name			46
REMOTESYSNET	CHAR	INQ	8	DIF		Net name of the owning TOR			47
REMOTENAME	CHAR	INQ	4	DIF		Connection name in remote system			48
LINKSYSTEM	CHAR	INQ	4	DIF		Name of real link towards TOR			49
GMTCREATIME	TIMESTP	STAT	8	MAX		GMT connection create time			50
CONNCREATIME	TIMESTP	STAT	8	MAX		Local connection create time			51
GMTDELETIME	TIMESTP	STAT	8	MAX		GMT connection delete time			52
CONNDELETIME	TIMESTP	STAT	8	MAX		Local connection delete time			53
PRICURRUSED	BINARY	STAT	2	AVG		Number of primaries currently in use			54
SECCURRUSED	BINARY	STAT	2	AVG		Number of secondaries currently in use			55
GRNAME	CHAR	INQ	8	DIF		APPC generic resource			56
MEMBERNAME	CHAR	INQ	8	DIF		Member name of connected LU			57
DPLFUNCSHIP	BINARY	STAT	4	AVG		Number of Distributed Program Link function ships			58
NQNAME	CHAR	INQ	17	DIF		Network qualified name	E530		59
ESTPCCHNL	BINARY	STAT	4	AVG		Program Control FS LINK requests with channels	E620 and E630		61
ESTPCCHNSENT	BINARY	STAT	8	AVG		Bytes sent on LINK channel requests	E620 and E630		62
ESTPCCHNRCVD	BINARY	STAT	8	AVG		Bytes received on LINK channel requests	E620 and E630		63
ESTICCHNL	BINARY	STAT	4	AVG		Interval Control FS start requests with channels	E620 and E630		64

Resource table descriptions

Table 52. CONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
ESTICCHNSENT	BINARY	STAT	8	AVG		Number of bytes sent on START channel requests	E620 and E630		65
ESTICCHNRCVD	BINARY	STAT	8	AVG		Number of bytes received on START channel requests	E620 and E630		66
ESTTCCHNL	BINARY	STAT	4	AVG		Number of terminal sharing channel requests	E620 and E630		67
ESTTCCHNSENT	BINARY	STAT	8	AVG		Bytes sent on terminal sharing channel requests	E620 and E630		68
ESTTCCHNRCVD	BINARY	STAT	8	AVG		Bytes received on terminal sharing channel requests	E620 and E630		69

CPLEXDEF Resource Table

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

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

The following actions are supported:

ASSIGN

Assign CMAS to manage CICSplex.

The parameter data for the ASSIGN action is:

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

where:

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

cmas = (Required) Name of a CMAS.

UNASSIGN

Unassign CMAS from CICSplex management role.

The parameter data for the UNASSIGN action is:

```
PARM('CICSPLEX(plex) CMAS(cmas) <FORCE>.'
```

where:

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

cmas = (Required) Name of a CMAS.

Length	104
Usage	API or Batch Utility
API view	No
CMAS context	Yes
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt2736 or CPLEXDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
API Actions	
ASSIGN	Assign
	PARM(' [CICSPLEX(<i>value</i>)] CMAS(<i>value</i>) .')
UNASSIGN	Unassign
	PARM(' [CICSPLEX(<i>value</i>)] CMAS(<i>value</i>) [FORCE] .')

Table 53. CPLEXDEF FEEDBACK error codes

Code	Description	Code	Description
ALL_COUNTS_ZERO	All counts zero	LCL_EYUDREP_CORRUPT	Error updating local data repository
CMAS_IS_MP	CMAS is maintenance point	MAS_ACTIVE	MAS active
CMAS_LEVEL	CMAS at higher level	REC_CHANGED	Resource definition already changed
DELETE_PENDING	CICSplex delete pending	REC_EXISTS	Resource already exists

Resource table descriptions

Table 53. CPLEXDEF FEEDBACK error codes (continued)

DELETING_MP	Deleting maintenance point	REC_NOT_FOUND	Requested resource not found
DEL_PENDING	Deletion pending	REMOTE_METH_FAIL	Attempt to run program in remote system failed
DIRECTORY_ERROR	Directory error	REM_EYUDREP_CORRUPT	Error updating remote data repository
INV_CMASNAME	Invalid CMAS name	REPOSITORY_FAILURE	Error in data repository
INV_DATA	Attribute data invalid		

Table 54. CPLEXDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
CICSplex-1	CHAR	CPSM	8	Yes	DIF	CICSplex name			5
SECCMDCHK	EYUDA	CPSM	4	Yes	LIKE	Simulated CICS-command security-checking used	NO		6
SECCMDCHK Input/Output Valid Values	YES NO								
SECRESCHK	EYUDA	CPSM	4	Yes	LIKE	Simulated CICS-resource security-checking used	NO		7
SECRESCHK Input/Output Valid Values	YES NO								
DESC	CHAR	CPSM	58	No	DIF	CICSplex description			8
INTVL	BINARY	CPSM	2	Yes	AVG	Monitor interval (minutes)	480	15-1440	9
SECBYPASS	EYUDA	CPSM	4	Yes	LIKE	Security checking exemption option	NO		10
SECBYPASS Input/Output Valid Values	YES NO								
STATUS	BINARY	CPSM	1	Yes	AVG	Status of attempt to delete CICSplex			13
TMEZONEO	BINARY	CPSM	1	Yes	AVG	Time zone offset	0	1-59	14
TMEZONE	CHAR	CPSM	1	Yes	DIF	Time zone	B		15
DAYLIGHTSV	EYUDA	CPSM	4	Yes	LIKE	Daylight savings in effect	NO		17
DAYLIGHTSV Input/Output Valid Values	YES NO								
RODMPOP	EYUDA	CPSM	4	Yes	LIKE	Resource status facility population	NO		27
RODMPOP Input/Output Valid Values	YES NO								

CRESAIMD Resource Table

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

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

There are no object specific actions for this resource class.

Length 32
Usage API
API view No
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CPSM Manager
Copybook identifier EYUt2813 or CRESAIMD
Valid API operations GET

Table 55. CRESAIMD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	Autoinstall model name	4
MONSTAT	BIT	CPSM	1	N/A	Autoinstall model monitoring status	5

CRESCONN Resource Table

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

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

There are no object specific actions for this resource class.

Length	48
Usage	API
API view	No
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2803 or CRESCONN
Valid API operations	GET

Table 56. CRESCONN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
CTYPE	EYUDA	CPSM	4	LIKE	Connection type	4
# CTYPE Output # Valid Values	EXCI LU61 LU62 MRO INDIRECT					
NAME-1	CHAR	CPSM	4	DIF	Connection name	5
NETNAME	CHAR	INQ	8	DIF	Net name of remote system	6
MONSTAT	BIT	CPSM	1	N/A	Connection monitoring status	7
CONNSTATUS	CVDAS	INQ	4	LIKE	Connection status	8
# CONNSTATUS # Output Valid # Values	RELEASED OBTAINING ACQUIRED FREEING AVAILABLE NOTAPPLIC					
SERVSTATUS	CVDAS	INQ	4	LIKE	Service status	9
SERVSTATUS Output Valid Values	INSERVICE OUTSERVICE GOINGOUT					

CRESDB2C Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2826 or CRESDB2C
Valid API operations	GET

Table 57. CRESDB2C resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	DB2 connection name	4
MONSTAT	BIT	CPSM	1	N/A	DB2 connection monitoring status	5

CRESDDB2E Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2827 or CRESDDB2E
Valid API operations	GET

Table 58. CRESDDB2E resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	DB2 entry name	4
MONSTAT	BIT	CPSM	1	N/A	DB2 entry monitoring status	5

CRESDB2T Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2828 or CRESDB2T
Valid API operations	GET

Table 59. CRESDB2T resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	DB2 transaction name	4
MONSTAT	BIT	CPSM	1	N/A	DB2 transaction monitoring status	5

CRESDOCT Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2834 or CRESDOCT
Valid API operations	GET

Table 60. CRESDOCT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	Document template name	4
MONSTAT	BIT	CPSM	1	N/A	Document template monitoring status	5

CRESDSNM Resource Table

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

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

There are no object specific actions for this resource class.

Length 80
Usage API
API view No
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CPSM Manager
Copybook identifier EYUt2819 or CRESDSNM
Valid API operations GET

Table 61. CRESDSNM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
DTYPE	CVDAS	CPSM	4	LIKE	Data set type	4
DTYPE Output Valid Values	VSAM BDAM					
NAME-1	CHAR	CPSM	44	DIF	Data set name	5
MONSTAT	BIT	CPSM	1	N/A	Data set monitoring status	6
BACKOUTSTAT	CVDAS	INQ	4	LIKE	Backout status	7
BACKOUTSTAT Output Valid Values	NORMALBKOUT FAILEDBKOUT FAILINGBKOUT					
VALIDITY	CVDAS	INQ	4	LIKE	Validity status	8
VALIDITY Output Valid Values	VALID INVALID					

CRESENQM Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2830 or CRESENQM
Valid API operations	GET

Table 62. CRESENQM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	Enqueue model name	4
MONSTAT	BIT	CPSM	1	N/A	Enqueue model monitoring status	5

CRESFECO Resource Table

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

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

There are no object specific actions for this resource class.

Length 48
Usage API
API view No
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CPSM Manager
Copybook identifier EYUt2820 or CRESFECO
Valid API operations GET

Table 63. CRESFECO resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	16	DIF	Target and node names of connection	4
MONSTAT	BIT	CPSM	1	N/A	FEPI connection monitoring status	5
ACQSTATUS	CVDAS	INQ	4	LIKE	Acquired status	6
ACQSTATUS Output Valid Values	RELEASED RELEASING ACQUIRED ACQUIRING					
SERVSTATUS	CVDAS	INQ	4	LIKE	Service status	7
SERVSTATUS Output Valid Values	INSERVICE OUTSERVICE GOINGOUT					

CRESFEND Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2814 or CRESFEND
Valid API operations	GET

Table 64. CRESFEND resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	FEPI node name	4
MONSTAT	BIT	CPSM	1	N/A	FEPI node monitoring status	5

CRESFEPO Resource Table

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

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

There are no object specific actions for this resource class.

Length 32
Usage API
API view No
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CPSM Manager
Copybook identifier EYUt2815 or CRESFEPO
Valid API operations GET

Table 65. CRESFEPO resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	FEPI pool name	4
MONSTAT	BIT	CPSM	1	N/A	FEPI pool monitoring status	5

CRESFETR Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2816 or CRESFETR
Valid API operations	GET

Table 66. CRESFETR resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	FEPI target name	4
MONSTAT	BIT	CPSM	1	N/A	FEPI target monitoring status	5

CRESFILE Resource Table

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

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

There are no object specific actions for this resource class.

Length 96
Usage API
API view No
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CPSM Manager
Copybook identifier EYUt2801 or CRESFILE
Valid API operations GET

Table 67. CRESFILE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
FTYPE	EYUDA	CPSM	4	LIKE	File type	4
FTYPE Output Valid Values	LFILE RFILE CTABL UTABL CFTBL					
NAME-1	CHAR	CPSM	8	DIF	File name	5
REMOTENAME	CHAR	CPSM	8	DIF	File name on remote system	6
REMOTESYSTEM	CHAR	CPSM	4	DIF	Remote system ID	7
MONSTAT	BIT	CPSM	1	N/A	File monitoring status	8
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	9
ENABLESTATUS Output Valid Values	ENABLED DISABLED UNENABLED DISABLING					
OPENSTATUS	CVDAS	INQ	4	LIKE	Open status	10
OPENSTATUS Output Valid Values	OPEN OPENING CLOSED CLOSING CLOSEREQUEST					
DSNAME	CHAR	CPSM	44	DIF	Data set name	11

CRESGLUE Resource Table

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

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

There are no object specific actions for this resource class.

Length	40
Usage	API
API view	No
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2821 or CRESGLUE
Valid API operations	GET

Table 68. CRESGLUE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	Global user exit program name	4
EXITNAME-2	CHAR	CPSM	8	DIF	Exit point name	5
MONSTAT	BIT	CPSM	1	N/A	Global user exit monitoring status	6
STARTSTATUS	CVDAS	INQ	4	LIKE	Start status	7
STARTSTATUS Output Valid Values	STARTED STOPPED					

CRESJRNL Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2804 or CRESJRNL
Valid API operations	GET

Table 69. CRESJRNL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
JTYPE	CVDAS	CPSM	4	LIKE	Journal type	4
JTYPE Output Valid Values	DISK1 DISK2 DISK2PAUSE SMF TAPE1 TAPE2					
NAME-1	BINARY	CPSM	2	AVG	Journal name	5
MONSTAT	BIT	CPSM	1	N/A	Journal monitoring status	6
OPENSTATUS	CVDAS	INQ	4	LIKE	Open status	7
OPENSTATUS Output Valid Values	OPENOUTPUT CLOSED					

CRESJRNM Resource Table

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

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

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

There are no object specific actions for this resource class.

Length	40
Usage	API
API view	No
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2825 or CRESJRNM
Valid API operations	GET

Table 70. CRESJRNM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
JNTYPE	CVDAS	CPSM	4	LIKE	Journal type	4
JNTYPE Output Valid Values	MVS SMF DUMMY					
NAME-1	CHAR	CPSM	8	DIF	Journal name	5
MONSTAT	BIT	CPSM	1	N/A	Journal name monitoring status	6
STATUS	CVDAS	CPSM	4	LIKE	Journal status	7
STATUS Output Valid Values	ENABLED DISABLED FAILED					

CRESMODE Resource Table

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

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

There are no object specific actions for this resource class.

Length 40
Usage API
API view No
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CPSM Manager
Copybook identifier EYUt2807 or CRESMODE
Valid API operations GET

Table 71. CRESMODE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	Mode name	4
CONNNAME-2	CHAR	CPSM	4	DIF	Connection name	6
MONSTAT	BIT	CPSM	1	N/A	Mode name monitoring status	5
CONNSTATUS	CVDAS	INQ	4	LIKE	Connection status	7
CONNSTATUS Output Valid Values	RELEASED OBTAINING ACQUIRED FREEING AVAILABLE CLOSED					

CRESPART Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2817 or CRESPART
Valid API operations	GET

Table 72. CRESPART resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	Partner name	4
MONSTAT	BIT	CPSM	1	N/A	Partner monitoring status	5

CRESPRGM Resource Table

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

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

There are no object specific actions for this resource class.

Length 48
Usage API
API view No
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CPSM Manager
Copybook identifier EYUt2802 or CRESPRGM
Valid API operations GET

Table 73. CRESPRGM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	Program name	4
REMOTENAME	CHAR	CPSM	8	DIF	Program name on remote system	5
REMOTESYSTEM	CHAR	CPSM	4	DIF	Remote system ID	6
MONSTAT	BIT	CPSM	1	N/A	Program monitoring status	7
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	8
ENABLESTATUS Output Valid Values	ENABLED DISABLED					

CRESPROF Resource Table

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

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

There are no object specific actions for this resource class.

Length 32
Usage API
API view No
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CPSM Manager
Copybook identifier EYUt2818 or CRESPROF
Valid API operations GET

Table 74. CRESPROF resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	Profile name	4
MONSTAT	BIT	CPSM	1	N/A	Profile monitoring status	5

CRESPRTY Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2832 or CRESPRTY
Valid API operations	GET

Table 75. CRESPRTY resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	BTS process type	4
MONSTAT	BIT	CPSM	1	N/A	BTS process type monitoring status	5

CRESRQMD Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2831 or CRESRQMD
Valid API operations	GET

Table 76. CRESRQMD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	Request model name	4
MONSTAT	BIT	CPSM	1	N/A	Request model monitoring status	5

CRESSDMP Resource Table

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

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

There are no object specific actions for this resource class.

Length 40
Usage API
API view No
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CPSM Manager
Copybook identifier EYUt2822 or CRESSDMP
Valid API operations GET

Table 77. CRESSDMP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	System dump code	4
MONSTAT	BIT	CPSM	1	N/A	System dump monitoring status	5
SHUTDSTATUS	CVDAS	INQ	4	LIKE	Shutdown status	6
SHUTDSTATUS Output Valid Values	SHUTDOWN NOSHUTDOWN					
SDMPSTATUS	CVDAS	INQ	4	LIKE	System dump status	7
SDMPSTATUS Output Valid Values	SYSDUMP NOSYSDUMP					

CRESTCPS Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2833 or CRESTCPS
Valid API operations	GET

Table 78. CRESTCPS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	TCP/IP service name	4
MONSTAT	BIT	CPSM	1	N/A	TCP/IP service monitoring status	5

CRESTDMP Resource Table

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

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

There are no object specific actions for this resource class.

Length 40
Usage API
API view No
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CPSM Manager
Copybook identifier EYUt2823 or CRESTDMP
Valid API operations GET

Table 79. CRESTDMP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	4	DIF	Transaction dump code	4
MONSTAT	BIT	CPSM	1	N/A	Transaction dump monitoring status	5
SHUTDSTATUS	CVDAS	INQ	4	LIKE	Shutdown status	6
SHUTDSTATUS Output Valid Values	SHUTDOWN NOSHUTDOWN					
SDMPSTATUS	CVDAS	INQ	4	LIKE	System dump status	7
SDMPSTATUS Output Valid Values	SYSDUMP NOSYSDUMP					
TDMPSTATUS	CVDAS	INQ	4	LIKE	Transaction dump status	8
TDMPSTATUS Output Valid Values	TRANSDUMP NOTRANDUMP					

CRESTDQ Resource Table

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

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

There are no object specific actions for this resource class.

Length	48
Usage	API
API view	No
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2805 or CRESTDQ
Valid API operations	GET

Table 80. CRESTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
QTYPE	CVDAS	CPSM	4	LIKE	TD queue type	4
QTYPE Output Valid Values	INTRA EXTRA REMOTE INDIRECT					
NAME-1	CHAR	CPSM	4	DIF	TDQ queue name	5
REMOTENAME	CHAR	CPSM	4	DIF	TD queue name on remote system	6
REMOTESYSTEM	CHAR	CPSM	4	DIF	Remote system ID	7
MONSTAT	BIT	CPSM	1	N/A	TD queue monitoring status	8
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	9
ENABLESTATUS Output Valid Values	ENABLED DISABLED					
OPENSTATUS	CVDAS	INQ	4	LIKE	Open status	10
OPENSTATUS Output Valid Values	OPEN OPENING CLOSED CLOSING SWITCHING					

CRESTERM Resource Table

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

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

There are no object specific actions for this resource class.

Length 40
Usage API
API view No
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CPSM Manager
Copybook identifier EYUt2806 or CRESTERM
Valid API operations GET

Table 81. CRESTERM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	4	DIF	Terminal name	4
MONSTAT	BIT	CPSM	1	N/A	Terminal monitoring status	5
ACQSTATUS	CVDAS	INQ	4	LIKE	Acquired status	6
ACQSTATUS Output Valid Values	ACQUIRED ACQUIRING RELEASED					
SERVSTATUS	CVDAS	INQ	4	LIKE	Service status	7
SERVSTATUS Output Valid Values	INSERVICE OUTSERVICE					
NETNAME	CHAR	CPSM	8	DIF	Terminal network name	8

CRESTRAN Resource Table

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

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

There are no object specific actions for this resource class.

Length	56
Usage	API
API view	No
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2800 or CRESTRAN
Valid API operations	GET

Table 82. CRESTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
TTYTYPE	EYUDA	CPSM	4	LIKE	Transaction type	4
TTYTYPE Output Valid Values	LTRAN RTRAN					
NAME-1	CHAR	CPSM	4	DIF	Transaction ID	5
REMOTENAME	CHAR	CPSM	8	DIF	Transaction ID on remote system	6
REMOTESYSTEM	CHAR	CPSM	4	DIF	Remote system ID	7
MONSTAT	BIT	CPSM	1	N/A	Transaction monitoring status	8
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled state	9
ENABLESTATUS Output Valid Values	ENABLED DISABLED					
PGMNAME	CHAR	CPSM	8	DIF	First program name	10

CRESTRUE Resource Table

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

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

There are no object specific actions for this resource class.

Length 40
Usage API
API view No
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CPSM Manager
Copybook identifier EYUt2824 or CRESTRUE
Valid API operations GET

Table 83. CRESTRUE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	Task-related user exit program name	4
ENTRYNME-2	CHAR	CPSM	8	DIF	Entry name	7
MONSTAT	BIT	CPSM	1	N/A	Task-related user exit monitoring status	5
STARTSTATUS	CVDAS	INQ	4	LIKE	Start status	6
STARTSTATUS Output Valid Values	STARTED STOPPED					

CRESTSMD Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2829 or CRESTSMD
Valid API operations	GET

Table 84. CRESTSMD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	Temporary storage model name	4
MONSTAT	BIT	CPSM	1	N/A	Temporary storage model monitoring status	5

CSGLCGCG Resource Table

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

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

There are no object specific actions for this resource class.

Length 24
Usage API or Batch Utility
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Definition
Copybook identifier EYUt4099 or CSGLCGCG
Valid API operations GET CREATE and REMOVE

Table 85. CSGLCGCG FEEDBACK error codes

Code	Description	Code	Description
ASSOCIATION	Invalid associated group	INV_DATA	Attribute data invalid
CYCLIC_GROUPS	Link causes cyclical groups	INV_REFERENCE	Attribute references an invalid resource
INCONSISTENT_SCOPES	Inconsistent scopes	REC_EXISTS	Resource already exists
INCONSISTENT_SET	BAS inconsistent set	REC_NOT_FOUND	Requested resource not found

Table 86. CSGLCGCG resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
GROUP-2	CHAR	CPSM	8	Yes	DIF	Name of group within containing group	5
TOGROUP-1	CHAR	CPSM	8	Yes	DIF	Name of containing group	6

CSGLCGCS Resource Table

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

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

There are no object specific actions for this resource class.

Length	24
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt4098 or CSGLCGCS
Valid API operations	GET CREATE and REMOVE

Table 87. CSGLCGCS FEEDBACK error codes

Code	Description	Code	Description
ASSOCIATION	Invalid group association	INV_REFERENCE	Attribute references an invalid resource
INCONSISTENT_SCOPES	Inconsistent scopes	REC_EXISTS	Resource already exists
INCONSISTENT_SET	BAS inconsistent set	REC_NOT_FOUND	Requested resource not found
INV_DATA	Attribute data invalid	UNKNOWN_SCOPE	Unknown scope

Table 88. CSGLCGCS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
GROUP-1	CHAR	CPSM	8	Yes	DIF	CICS system group name	5
CICSNAME-2	CHAR	CPSM	8	Yes	DIF	CICS system name	6

CSYSDEF Resource Table

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

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

There are no object specific actions for this resource class.

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

TMEZONE

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

TMEZONEO

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

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

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

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

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

EYUDA

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

The use of the xxxACTION and xxxSEV attributes is described in “Special attribute and resource table considerations” on page 3.

Length	264
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt3500 or CSYSDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
API Actions	
ADDTOGRP	Add to CICS system group PARM(' TOGROUP(<i>value</i>) .')

Table 89. CSYSDEF FEEDBACK error codes

Code	Description	Code	Description
ASSOCIATION	Invalid group association	INV_RECLEN	Invalid record length
CICSSYS_IN_USE	Requested resource in use	INV_REFERENCE	Group not found
CYCLIC_GROUPS	Link causes cyclic groups	INV_RESTYPE	Invalid resource type
INCONSISTENT_SCOPES	BAS inconsistent Scopes	INV_SYS_NAME	Invalid system name
INCONSISTENT_SET	BAS inconsistent set	REC_CHANGED	Resource definition already changed
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MODEL_NAME	Invalid model name	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address		

Resource table descriptions

Table 90. CSYSDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
NAME-1	CHAR	CPSM	8	Yes	DIF	CICS system definition name			5
DYNROUTE	EYUDA	CPSM	4	Yes	LIKE	AOR dynamic routing mode	YES		6
DYNROUTE Input/Output Valid Values	YES NO								
RETENTION	BINARY	CPSM	4	Yes	AVG	Time data is kept after monitoring stops (minutes)	INHERIT	0-1440	7
CICSSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for CICS region monitoring	INHERIT	0-86400	8
GLBLSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for global region monitoring	INHERIT	0-86400	9
DBXSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for DB2/DBCTRL monitoring	INHERIT	0-86400	10
CONNSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for connection monitoring	INHERIT	0-86400	11
FILESAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for file monitoring	INHERIT	0-86400	12
JRNLSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for journal monitoring	INHERIT	0-86400	13
PROGSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for program monitoring	INHERIT	0-86400	14
TERMSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for terminal monitoring	INHERIT	0-86400	15
TDQSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for TDQ monitoring	INHERIT	0-86400	16
TRANSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for transaction monitoring	INHERIT	0-86400	17
MONSTATUS	EYUDA	CPSM	4	Yes	LIKE	Monitoring status	INHERIT		18
MONSTATUS Input/Output Valid Values	YES NO INHERIT								
RTASTATUS	EYUDA	CPSM	4	Yes	LIKE	Real time analysis status	YES		19
RTASTATUS Input/Output Valid Values	YES NO SAM MRM								
WLMSTATUS	EYUDA	CPSM	4	Yes	LIKE	Workload manager status	YES		20
WLMSTATUS Input/Output Valid Values	YES NO								
SECCMDCHK	EYUDA	CPSM	4	Yes	LIKE	Simulated CICS-command security checking status	INHERIT		21

Table 90. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
SECCMDCHK Input/Output Valid Values	YES NO INHERIT								
SECRESCHK Input/Output Valid Values	EYUDA	CPSM	4	Yes	LIKE	Simulated CICS-resource security checking status	INHERIT		22
SECRESCHK Input/Output Valid Values	YES NO INHERIT								
SECBYPASS Input/Output Valid Values	EYUDA	CPSM	4	Yes	LIKE	Exemption from simulated security checks	INHERIT		23
SECBYPASS Input/Output Valid Values	YES NO INHERIT								
SAMSEV Input/Output Valid Values	EYUDA	CPSM	4	No	LIKE	Severity for system availability monitoring event	VHS		24
SAMSEV Input/Output Valid Values	N_A NO VLS LS LW HW HS VHS INHERIT								
SOSSEV Input/Output Valid Values	EYUDA	CPSM	4	No	LIKE	Severity for short-on-storage (SOS) event	HS		25
SOSSEV Input/Output Valid Values	N_A NO VLS LS LW HW HS VHS INHERIT								
SDMSEV Input/Output Valid Values	EYUDA	CPSM	4	No	LIKE	Severity for system dump event	VHS		26
SDMSEV Input/Output Valid Values	N_A NO VLS LS LW HW HS VHS INHERIT								
TDMSEV Input/Output Valid Values	EYUDA	CPSM	4	No	LIKE	Severity for transaction dump event	HW		27
TDMSEV Input/Output Valid Values	N_A NO VLS LS LW HW HS VHS INHERIT								
MXTSEV Input/Output Valid Values	EYUDA	CPSM	4	No	LIKE	Severity for CICS-at-maximum-tasks event	HS		28
MXTSEV Input/Output Valid Values	N_A NO VLS LS LW HW HS VHS INHERIT								
STLSEV Input/Output Valid Values	EYUDA	CPSM	4	No	LIKE	Severity for CICS-stalled event	VHS		29

Resource table descriptions

Table 90. CSYSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
STLSEV Input/Output Valid Values	N_A NO VLS LS LW HW HS VHS INHERIT								
SAMACTION	CHAR	CPSM	8	No	DIF	Action for system availability monitoring event			30
SOSACTION	CHAR	CPSM	8	No	DIF	Action for short on storage (SOS) event			31
SDMACTION	CHAR	CPSM	8	No	DIF	Action for system dump event			32
TDMACTION	CHAR	CPSM	8	No	DIF	Action for transaction dump event			33
MXTACTION	CHAR	CPSM	8	No	DIF	Action for CICS-at-maximum-tasks event			34
STLACTION	CHAR	CPSM	8	No	DIF	Action for CICS-stalled event			35
PRICMAS	CHAR	CPSM	8	No	DIF	Primary CMAS name			36
ACTVTIME	CHAR	CPSM	8	No	DIF	Period definition name			37
DESC	CHAR	CPSM	58	No	DIF	Description			38
TMEZONEO	BINARY	CPSM	1	Yes	AVG	Time zone offset	*	0-59	39
TMEZONE	CHAR	CPSM	1	Yes	DIF	Time zone	*		40
DAYLIGHTSV	EYUDA	CPSM	4	Yes	LIKE	Daylight savings in effect	INHERIT		41
DAYLIGHTSV Input/Output Valid Values	YES NO INHERIT								
APPLID	CHAR	CPSM	8	Yes	DIF	CICS VTAM application ID			43
AUTOINST	EYUDA	CPSM	4	Yes	LIKE	Install BAS resources option	NEVER		44
AUTOINST Input/Output Valid Values	NEVER ALWAYS COLDDONLY WARMONLY								
AINSFAIL	EYUDA	CPSM	4	Yes	LIKE	BAS install failure action	CONTINUE		45
AINSFAIL Input/Output Valid Values	CONTINUE IMMEDIATE NORMAL PROMPT TERMINATE								
SYSID	CHAR	CPSM	4	Yes	DIF	System ID			46

CSYSGRP Resource Table

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

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

Length	80
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt3501 or CSYSGRP
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM

API Actions

ADDTOGRP	Add to CICS system group PARM(' TOGROUP(value) .')
-----------------	---

Table 91. CSYSGRP FEEDBACK error codes

Code	Description	Code	Description
ASSOCIATION	Togroup matches group	INV_REFERENCE	Group does not exist
CYCLIC_GROUPS	Link causes cyclic groups	REC_CHANGED	Resource definition already changed
INCONSISTENT_SCOPES	BAS inconsistent set	REC_EXISTS	Resource already exists
INCONSISTENT_SET	BAS inconsistent set	REC_NOT_FOUND	Requested resource not found
INV_DATA	Attribute data invalid	SYSGROUP_IN_USE	System group in use
INV_GROUP	Invalid group		

Table 92. CSYSGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
GROUP-1	CHAR	CPSM	8	Yes	DIF	System group name	5
DESC	CHAR	CPSM	58	No	DIF	Description	6

D2CINGRP Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6162 or D2CINGRP
Valid API operations	GET CREATE and REMOVE

Table 93. D2CINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 94. D2CINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
DB2CGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
DB2CNAME-2	CHAR	CPSM	8	Yes	DIF	DB2 connection definition name	6
DB2CVER-3	BINARY	CPSM	1	Yes	AVG	DB2 connection definition version	7

D2EINGRP Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6163 or D2EINGRP
Valid API operations	GET CREATE and REMOVE

Table 95. D2EINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 96. D2EINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
DB2EGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
DB2ENAME-2	CHAR	CPSM	8	Yes	DIF	DB2 entry definition name	6
DB2EVER-3	BINARY	CPSM	1	Yes	AVG	DB2 entry definition version	7

D2TINGRP Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6164 or D2TINGRP
Valid API operations	GET CREATE and REMOVE

Table 97. D2TINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 98. D2TINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
DB2TGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
DB2TNAME-2	CHAR	CPSM	8	Yes	DIF	DB2 transaction definition name	6
DB2TVER-3	BINARY	CPSM	1	Yes	AVG	DB2 transaction definition version	7

DB2CDEF Resource Table

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

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

The following actions are supported:

INSTALL

Install a DB2 connection definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	232
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3817 or DB2CDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	GET [RESGROUP] [CICSSYS] CREATE [RESGROUP]

API Actions

INSTALL	Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTOGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 99. DB2CDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string terminator
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed
INV_NAME	Invalid name	NOTIFY	Notify

Resource table descriptions

Table 99. DB2CDEF FEEDBACK error codes (continued)

INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid over type	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLLEN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Table 100. DB2CDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	DB2 connection definition name			7
CONNECTERROR	CVDAS	CPSM	4	Yes	LIKE	Connection error processing option	SQLCODE		9
CONNECTERROR Input/Output Valid Values	ABEND SQLCODE								
DB2ID	CHAR	CPSM	4	No	DIF	DB2 subsystem ID			10
MSGQUEUE1	CHAR	CPSM	4	Yes	DIF	Unsolicited error message TDQ name 1	CDB2		11
MSGQUEUE2	CHAR	CPSM	4	No	DIF	Unsolicited error message TDQ name 2			12
MSGQUEUE3	CHAR	CPSM	4	No	DIF	Unsolicited error message TDQ name 3			13
NONTERMREL	EYUDA	CPSM	4	Yes	LIKE	Non-terminal transaction thread-release option	YES		14
NONTERMREL Input/Output Valid Values	YES NO								
PURGE CYCLE	CHAR	CPSM	2	Yes	DIF	Protected thread purge cycle (minutes)	0	0-59	15
PURGE CYCLES	CHAR	CPSM	2	Yes	DIF	Protected thread purge cycle (seconds)	30	0-59	16
SIGNID	CHAR	CPSM	8	No	DIF	Authorization ID used by CICS-DB2 attach			17
STANDBYMODE	CVDAS	CPSM	4	Yes	LIKE	Standby mode	RECONNECT		18
STANDBYMODE Input/Output Valid Values	RECONNECT NOCONNECT CONNECT								
STATS QUEUE	CHAR	CPSM	4	Yes	DIF	Attachment statistics TDQ name	CDB2		19
TCBLIMIT	CHAR	CPSM	4	Yes	DIF	Maximum number of subtask TCBS	12	4-2000	20
THREAD ERROR	CVDAS	CPSM	4	Yes	LIKE	Action following thread error	N906D		21
THREAD ERROR Input/Output Valid Values	ABEND N906D N906								
ACCOUNTREC	CVDAS	CPSM	4	Yes	LIKE	Accounting record option	NONE		22

Resource table descriptions

Table 100. DB2CDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
ACCOUNTREC Input/Output Valid Values	NONE UOW TASK TXID								
AUTHID	CHAR	CPSM	8	No	DIF	Pool thread authorization ID			23
AUTHTYPE	CVDAS	CPSM	4	Yes	LIKE	Pool thread authorization type	NOTAPPLIC		24
AUTHTYPE Input/Output Valid Values	USERID GROUP TERM TX OPID SIGN NOTAPPLIC								
DROLLBACK	EYUDA	CPSM	4	Yes	LIKE	Deadlock resolution rollback option	YES		25
DROLLBACK Input/Output Valid Values	YES NO								
PLAN	CHAR	CPSM	8	No	DIF	Name of plan used for pool			26
PLANEXITNAME	CHAR	CPSM	8	No	DIF	Name of dynamic plan exit used for pool threads	DSNCUEXT		27
PRIORITY	CVDAS	CPSM	4	Yes	LIKE	Subtask priority	HIGH		28
PRIORITY Input/Output Valid Values	HIGH LOW EQUAL								
THREADWAIT	EYUDA	CPSM	4	Yes	LIKE	Thread wait option	YES		29
THREADWAIT Input/Output Valid Values	YES NO								
THREADLIMIT	CHAR	CPSM	4	Yes	DIF	Maximum number of pool threads	3	3-2000	30
COMTHREADLIM	CHAR	CPSM	4	Yes	DIF	Maximum number of command threads	3	0-2000	31
COMAUTHID	CHAR	CPSM	8	No	DIF	Command thread authorization ID			32
COMAUTHTYPE	CVDAS	CPSM	4	Yes	LIKE	Command thread authorization type	NOTAPPLIC		33
COMAUTHTYPE Input/Output Valid Values	USERID GROUP TERM TX OPID SIGN NOTAPPLIC								
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Definition create time			34
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			35

Table 100. DB2CDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			36
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			37
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			38
DB2GROUPIP	CHAR	CPSM	4	No	DIF	DB2 data sharing group ID			40
RESYNMEMBER	EYUDA	CPSM	4	Yes	LIKE	Resynchronization member	YES		41
RESYNMEMBER Input/Output Valid Values	YES NO								

DB2CONN Resource Table

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

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

The following actions are supported:

REBUILD

Rebuild the security environment.

CONNECT

Connect to the DB2 environment.

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

DISCONNECT

Disconnect from the DB2 environment.

The parameter data for the DISCONNECT action is:

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

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

```
WAIT
NOWAIT
FORCE
```

FORCE

Force disconnection from the DB2 environment.

DISCARD

Discard the DB2 connection.

Length	320
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0086 or DB2CONN
Valid API operations	GET SET and PERFORM

API Actions

REBUILD	Rebuild
CONNECT	Parameters: None Connect
DISCONNECT	PARM(' [BUSY(<i>value</i>)] .') Disconnect
FORCE	PARM(' BUSY(<i>value</i>) .') Force
DISCARD	Parameters: None Discard
	Parameters: None

Table 101. DB2CONN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved			
NAME-1	CHAR	INQ	8	DIF		DB2 connection name			1
ACCOUNTREC	CVDAS	INQ	4	LIKE	yes	Accounting record option			2
ACCOUNTREC Input/Output Valid Values	UOW TXID NONE TASK								
AUTHID	CHAR	INQ	8	DIF	yes	Pool thread authorization ID			3
AUTHTYPE	CVDAS	INQ	4	LIKE	yes	Pool thread authorization type			4
AUTHTYPE Input/Output Valid Values	GROUP SIGN TERM TX OPID USERID								
COMTHREADS	CODEDBIN	INQ	4	AVG		Number of active command threads			5
COMTHREADLIM	CODEDBIN	INQ	4	AVG	yes	Maximum number of command threads			6
COMAUTHID	CHAR	INQ	8	DIF	yes	Command thread authorization ID			7
COMAUTHTYPE	CVDAS	INQ	4	LIKE	yes	Command thread authorization type			8
COMAUTHTYPE Input/Output Valid Values	CGROUP CSIGN CTERM CTX COPID CUSERID								
CONNECTERROR	CVDAS	INQ	4	LIKE	yes	Connection error processing option			9
CONNECTERROR Input/Output Valid Values	ABEND SQLCODE								
CONNECTST	CVDAS	INQ	4	LIKE	yes	Connection status			10

Resource table descriptions

Table 101. DB2CONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
CONNECTST Input/Output Valid Values	CONNECTED	NOTCONNECTED							
CONNECTST Output Valid Values	CONNECTING	DISCONNECTING							
DB2ID	CHAR	INQ	4	DIF	yes	DB2 subsystem ID			11
DB2RELEASE	CHAR	INQ	4	DIF		DB2 version and release			12
DROLLBACK	CVDAS	INQ	4	LIKE		Deadlock resolution rollback option			13
DROLLBACK Output Valid Values	ROLLBACK	NOROLLBACK							
MSGQUEUE1	CHAR	INQ	4	DIF	yes	Unsolicited error message TDQ name 1			14
MSGQUEUE2	CHAR	INQ	4	DIF	yes	Unsolicited error message TDQ name 2			15
MSGQUEUE3	CHAR	INQ	4	DIF	yes	Unsolicited error message TDQ name 3			16
NONTERMREL	CVDAS	INQ	4	LIKE	yes	Non-terminal transaction thread-release option			17
NONTERMREL Input/Output Valid Values	RELEASE	NORELEASE							
PLAN	CHAR	INQ	8	DIF	yes	Name of plan used for pool			18
PLANEXITNAME	CHAR	INQ	8	DIF	yes	Name of dynamic plan exit used for pool threads			19
PRIORITY	CVDAS	INQ	4	LIKE	yes	Subtask priority			20
PRIORITY Input/Output Valid Values	HIGH	EQUAL	LOW						

Table 101. DB2CONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
PURGECYCLEM	CODEDBIN	INQ	4	AVG	yes	Protected thread purge cycle (minutes)			21
PURGECYCLES	CODEDBIN	INQ	4	AVG	yes	Protected thread purge cycle (seconds)			22
SIGNID	CHAR	INQ	8	DIF	yes	Authorization ID used by CICS-DB2 attach			23
STATSQUEUE	CHAR	INQ	4	DIF	yes	Attachment statistics TDQ name			24
TCBS	CODEDBIN	INQ	4	AVG		Current number of subtask TCBS			25
TCBLIMIT	CODEDBIN	INQ	4	AVG	yes	Maximum number of subtask TCBS			26
THREADERROR	CVDAS	INQ	4	LIKE		Action following thread error			27
THREADERROR Output Valid Values	ABEND N906D N906								
THREADWAIT	CVDAS	INQ	4	LIKE	yes	Thread wait option			28
THREADWAIT Input/Output Valid Values	TWAIT NOTWAIT								
THREADLIMIT	CODEDBIN	INQ	4	AVG	yes	Maximum number of pool threads			29
THREADS	CODEDBIN	INQ	4	AVG		Number of active pool threads			30
STANDBYMODE	CVDAS	INQ	4	LIKE	yes	Standby mode action			31
STANDBYMODE Input/Output Valid Values	NOCCONNECT CONNECT RECONNECT								
CTIMEGMT	TIMESTP	STAT	8	MAX		GMT connect time			32
CTIMELOC	TIMESTP	STAT	8	MAX		Local connect time			33
DTIMEGMT	TIMESTP	STAT	8	MAX		GMT disconnect time			34
DTIMELOC	TIMESTP	STAT	8	MAX		Local disconnect time			35

Resource table descriptions

Table 101. DB2CONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
TLIMIT	CODEDBIN	STAT	4	AVG		Current maximum number of subtask TCBS			36
TCURR	CODEDBIN	STAT	4	AVG		Current number of subtask TCBS			37
THWM	CODEDBIN	STAT	4	AVG		Peak number of subtask TCBS			38
PCALLS	CODEDBIN	STAT	4	AVG		Number of calls using pool threads			39
PSIGNONS	CODEDBIN	STAT	4	AVG		Number of pool thread signons			40
PCOMMITS	CODEDBIN	STAT	4	AVG		Number of pool thread commits			41
PABORTS	CODEDBIN	STAT	4	AVG		Number of pool thread aborts			42
PSPHASE	CODEDBIN	STAT	4	AVG		Number of units of work with single phase commit			43
PTREUSE	CODEDBIN	STAT	4	AVG		Number of times transactions reused pool threads			44
PTTERM	CODEDBIN	STAT	4	AVG		Number of times threads terminated			45
PTWAIT	CODEDBIN	STAT	4	AVG		Number of pool thread waits			46
PTLIMIT	CODEDBIN	STAT	4	AVG		Maximum number of pool threads			47
PTCURR	CODEDBIN	STAT	4	AVG		Current number of active pool threads			48
PTHWM	CODEDBIN	STAT	4	AVG		Peak number of active pool threads			49
PXCURR	CODEDBIN	STAT	4	AVG		Current number of tasks using a pool thread			50
PXHWM	CODEDBIN	STAT	4	AVG		Peak number of tasks using a pool thread			51
PXTOTAL	CODEDBIN	STAT	4	AVG		Total number of tasks that used a pool thread			52

Table 101. DB2CONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
PRQCUR	CODEDBIN	STAT	4	AVG		Current number of tasks waiting for pool thread			53
PRQHWM	CODEDBIN	STAT	4	AVG		Peak number of tasks waiting for pool thread			54
CCALLS	CODEDBIN	STAT	4	AVG		Number of calls using command threads			55
CSIGNONS	CODEDBIN	STAT	4	AVG		Number of command thread signons			56
CTTERM	CODEDBIN	STAT	4	AVG		Number of command thread terminations			57
CTOVERF	CODEDBIN	STAT	4	AVG		Number of command thread overflows to pool			58
CTLIMIT	CODEDBIN	STAT	4	AVG		Maximum number of command threads			59
CTCURR	CODEDBIN	STAT	4	AVG		Current number of command threads			60
CTHWM	CODEDBIN	STAT	4	AVG		Peak number of command threads			61
TCBFREE	CODEDBIN	STAT	4	AVG		Current number of free subtask TCBS			62
TCBRDYQCURR	CODEDBIN	STAT	4	AVG		Current number of tasks waiting for a subtask TCB			63
TCBRDYQHWM	CODEDBIN	STAT	4	AVG		Peak number of tasks waiting for a subtask TCB			64
DB2GROUPID	CHAR	INQ	4	DIF	yes	DB2 data sharing group ID	E530	E530	65
RESYNCMEMBER	CVDAS	INQ	4	LIKE	yes	Resynchronization member	E530	E530	66
RESYNCMEMBER Input/Output Valid Values	RESYNC NORESYNC								

DB2EDEF Resource Table

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

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

The following actions are supported:

INSTALL

Install a DB2 entry definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	168
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3818 or DB2EDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	GET [RESGROUP] [CICSSYS] CREATE [RESGROUP]

API Actions

INSTALL	Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 102. DB2EDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string terminator
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed
INV_NAME	Invalid name	NOTIFY	Notify

Table 102. DB2EDEF FEEDBACK error codes (continued)

INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid over type	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLEN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Resource table descriptions

Table 103. DB2EDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	DB2 entry definition name			7
TRANSID	CHAR	CPSM	4	Yes	DIF	Transaction ID			9
ACCOUNTREC	CVDAS	CPSM	4	Yes	LIKE	Accounting record option	NONE		10
ACCOUNTREC Input/Output Valid Values	NONE UOW TASK TXID								
THREADLIMIT	CHAR	CPSM	4	Yes	DIF	Maximum number of active threads	0	0-2000	11
AUTHID	CHAR	CPSM	8	No	DIF	Thread authorization ID			12
AUTHTYPE	CVDAS	CPSM	4	Yes	LIKE	Authorization type	NOTAPPLIC		13
AUTHTYPE Input/Output Valid Values	NOTAPPLIC GROUP SIGN TERM TX OPID USERID								
DROLLBACK	EYUDA	CPSM	4	Yes	LIKE	Deadlock rollback option	YES		14
DROLLBACK Input/Output Valid Values	YES NO								
PLAN	CHAR	CPSM	8	No	DIF	Plan name			15
PLANEXITNAME	CHAR	CPSM	8	No	DIF	Dynamic plan exit name			16
PRIORITY	CVDAS	CPSM	4	Yes	LIKE	Subtask priority	HIGH		17
PRIORITY Input/Output Valid Values	HIGH EQUAL LOW								
PROTECTNUM	CHAR	CPSM	4	Yes	DIF	Maximum number of protected threads	0	0-2000	18
THREADWAIT	EYUDA	CPSM	4	Yes	LIKE	Thread wait option	POOL		19
THREADWAIT Input/Output Valid Values	POOL YES NO								
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Definition create time			20

Table 103. DB2EDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			21
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			22
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			23
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			24

DB2ENTRY Resource Table

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

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

The following actions are supported:

DISCARD

Discard the DB2 entry.

DISABLE

Disable the DB2 entry.

The parameter data for the DISABLE action is:

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

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

- WAIT
- NOWAIT
- FORCE

Length	168
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0087 or DB2ENTRY
Valid API operations	GET SET and PERFORM

API Actions

DISABLE	Disable PARM(' BUSY(<i>value</i>) .')
DISCARD	Discard

Parameters: None

Table 104. DB2ENTRY resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved	
NAME-1	CHAR	INQ	8	DIF		DB2 entry name	1
ACCOUNTREC	CVDAS	INQ	4	LIKE	yes	Accounting record option	2
ACCOUNTREC Input/Output Valid Values	NONE TASK TXID UOW						
DISABLEDACT	CVDAS	INQ	4	LIKE	yes	Disabled action	3

Table 104. DB2ENTRY resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
DISABLEDACT Input/Output Valid Values	ABEND SQLCODE POOL						
PTHREADS	CODEDBIN	INQ	4	AVG		Number of protected threads	4
THREADS	CODEDBIN	INQ	4	AVG		Number of active threads	5
AUTHID	CHAR	INQ	8	DIF	yes	Thread authorization ID	6
AUTHTYPE	CVDAS	INQ	4	LIKE	yes	Authorization type	7
AUTHTYPE Input/Output Valid Values	GROUP SIGN TERM TX OPID USERID						
DROLLBACK	CVDAS	INQ	4	LIKE		Deadlock rollback option	8
DROLLBACK Output Valid Values	ROLLBACK NOROLLBACK						
ENABLESTATUS	CVDAS	INQ	4	LIKE	yes	Enabled status	9
ENABLESTATUS Input/Output Valid Values	ENABLED DISABLED						
ENABLESTATUS Output Valid Values	DISABLING						
PLAN	CHAR	INQ	8	DIF	yes	Plan name	10
PLANEXITNAME	CHAR	INQ	8	DIF	yes	Dynamic plan exit name	11
PRIORITY	CVDAS	INQ	4	LIKE	yes	Subtask priority	12
PRIORITY Input/Output Valid Values	HIGH EQUAL LOW						
THREADWAIT	CVDAS	INQ	4	LIKE	yes	Thread wait option	13
THREADWAIT Input/Output Valid Values	TWAIT NOTWAIT TPOOL						
THREADLIMIT	CODEDBIN	INQ	4	AVG	yes	Maximum number of active threads	14
PROTECTNUM	CODEDBIN	INQ	4	AVG	yes	Maximum number of protected threads	15
CALLS	CODEDBIN	STAT	4	AVG		Number of calls	16
SIGNONS	CODEDBIN	STAT	4	AVG		Number of signons	17
COMMITTS	CODEDBIN	STAT	4	AVG		Number of commits	18
ABORTS	CODEDBIN	STAT	4	AVG		Number of aborts	19
SPHASE	CODEDBIN	STAT	4	AVG		Number of UOWs with single phase commit	20
TREUSE	CODEDBIN	STAT	4	AVG		Number of times threads reused	21
TTERM	CODEDBIN	STAT	4	AVG		Number of times threads terminated	22
TWORO	CODEDBIN	STAT	4	AVG		Number of thread waits or overflows	23
TLIMIT	CODEDBIN	STAT	4	AVG		Maximum number of threads	24
TCURR	CODEDBIN	STAT	4	AVG		Current number of threads	25

Resource table descriptions

Table 104. DB2ENTRY resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
THWM	CODEDBIN	STAT	4	AVG		Peak number of active threads	26
PTLIM	CODEDBIN	STAT	4	AVG		Maximum number of protected threads	27
PTCURR	CODEDBIN	STAT	4	AVG		Current number of protected threads	28
PTHWM	CODEDBIN	STAT	4	AVG		Peak number of protected threads	29
XCURR	CODEDBIN	STAT	4	AVG		Current number of tasks	30
XHWM	CODEDBIN	STAT	4	AVG		Peak number of tasks	31
XTOTAL	CODEDBIN	STAT	4	AVG		Total number of tasks	32
RQCUR	CODEDBIN	STAT	4	AVG		Current number of tasks waiting for thread	33
RQHWM	CODEDBIN	STAT	4	AVG		Peak number of tasks waiting for thread	34

DB2SS Resource Table

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

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

There are no object specific actions for this resource class.

Length	80
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0032 or DB2SS
Valid API operations	GET

Table 105. DB2SS resource table attributes

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

DB2TDEF Resource Table

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

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

The following actions are supported:

INSTALL

Install a DB2 transaction definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	120
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3819 or DB2TDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	GET [RESGROUP] [CICSSYS] CREATE [RESGROUP]

API Actions

INSTALL	Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 106. DB2TDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string terminator
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed

Table 106. DB2TDEF FEEDBACK error codes (continued)

INV_NAME	Invalid name	NOTIFY	Notify
INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid over type	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Resource table descriptions

Table 107. DB2TDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	DB2 transaction definition name			7
ENTRY	CHAR	CPSM	8	Yes	DIF	Name of associated DB2 entry			9
TRANSID	CHAR	CPSM	4	Yes	DIF	Transaction ID associated with DB2 entry			10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Definition create time			11
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			12
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			13
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			14
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			15

DB2THRD Resource Table

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

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

Length 96
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Resource
Copybook identifier EYUt0033 or DB2THRD
Valid API operations GET

Table 108. DB2THRD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
INITTRAN-1	CHAR	CPSM	4	DIF	Initial transaction	1
AUTHTYPE	EYUDA	CPSM	4	LIKE	Authorization type	2
AUTHTYPE Output Valid Values	USER TERMID TRANID SIGNID CHARSTR USERID RACFGID NULL NA					
DPMODE	EYUDA	CPSM	4	LIKE	Dispatching mode	3
DPMODE Output Valid Values	HIGH LOW EQ					
ROLLBACKOPT	EYUDA	CPSM	4	LIKE	Rollback option	4
ROLLBACKOPT Output Valid Values	YES NO					
MAXTHREADS	BINARY	CPSM	2	AVG	Maximum number of threads	5
CURTHREADS	BINARY	CPSM	2	AVG	Number of current threads	6
RSVTHREADS	BINARY	CPSM	4	AVG	Number of reserved threads	7
THREADWOPT	EYUDA	CPSM	4	LIKE	Thread wait option	8
THREADWOPT Output Valid Values	TWAIT NOTWAIT POOL YES NO NA					
PLANPRGM	CHAR	CPSM	8	DIF	Dynamic plan exit for pool threads	9
PLANNAME	CHAR	CPSM	8	DIF	Plan name	10
AUTHCNT	BINARY	CPSM	4	AVG	Number of authorizations performed	11
USECOUNT	BINARY	CPSM	4	AVG	Number of times plan used	12
THREADWAIT	BINARY	CPSM	4	AVG	Number of thread waits	13
ABORTCNT	BINARY	CPSM	4	AVG	Number of aborts	14
READCOMMIT	BINARY	CPSM	4	AVG	Number of read-only commits	15

Resource table descriptions

Table 108. DB2THRDR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
OTHERIDS	BINARY	CPSM	4	AVG	Number of transactions in group	16
THREADHWM	BINARY	CPSM	2	AVG	Peak number of concurrent threads in use	17
NAME	CHAR	CPSM	4	DIF	DB2 subsystem name	18

DB2TRAN Resource Table

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

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

There are no object specific actions for this resource class.

Length	24
Usage	API
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0034 or DB2TRAN
Valid API operations	GET

Table 109. DB2TRAN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
INITTRAN-1	CHAR	CPSM	4	DIF	Initial transaction	1
NAME-2	CHAR	CPSM	4	DIF	Associated transaction ID	2

DB2TRN Resource Table

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

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

The following actions are supported:

DISCARD

Discard the DB2 transaction.

These actions require no unique parameter data.

Length	56
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0088 or DB2TRN
Valid API operations	GET SET and PERFORM

API Actions

DISCARD Discard

Parameters: None

Table 110. DB2TRN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved		
NAME-1	CHAR	INQ	8	DIF		DB2 transaction name		1
DB2ENTRY	CHAR	INQ	8	DIF	yes	DB2 entry name for DB2TRN		2
TRANSID	CHAR	INQ	4	DIF	yes	Transaction ID associated with DB2 entry		3
PLAN	CHAR	CPSM	8	DIF		Plan name	E530	4
PLANEXITNAME	CHAR	CPSM	8	DIF		Plan exit name	E530	5

DBCTLSS Resource Table

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

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

There are no object specific actions for this resource class.

Length 96
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Resource
Copybook identifier EYUt0031 or DBCTLSS
Valid API operations GET

Table 111. DBCTLSS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	4	DIF	DBCTL subsystem name	1
LOCATION	CHAR	CPSM	4	DIF	MVS system ID	2
STATUS	EYUDA	CPSM	4	LIKE	DBCTL CICS attachment status	3
STATUS Output Valid Values	ACTIVE INACTIVE WAITING					
CICSNAME	CHAR	CPSM	8	DIF	CICS system name used to attach	4
PRPNAME	CHAR	CPSM	8	DIF	Fully qualified startup table name	5
RSENAME	CHAR	CPSM	8	DIF	Recoverable service element name	6
TIMEON	TIMESTP	CPSM	8	MAX	Time at which connect occurred	7
TIMEOFF	TIMESTP	CPSM	8	MAX	Time at which disconnect occurred	8
MINTHREAD	BINARY	CPSM	2	AVG	Minimum number of threads	9
MAXTHREAD	BINARY	CPSM	2	AVG	Maximum number of threads	10
MINTHRDCNT	BINARY	CPSM	4	AVG	Number of times minimum threads reached	11
MAXTHRDCNT	BINARY	CPSM	4	AVG	Number of times maximum threads reached	12
MAXTHRDTIME	BINARY	CPSM	4	AVG	Elapsed time at maximum threads condition	13
PEAKTHREADS	BINARY	CPSM	4	AVG	Peak number of threads in use	14
PSBSCHED	BINARY	CPSM	4	AVG	Number of times PSB successfully scheduled	15
DBCTLOVERRIDE	CHAR	CPSM	4	DIF	DBCTL ID override	16

DOCDEF Resource Table

A CICS Definition that describes a document template.

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

The following actions are supported:

INSTALL

Install a document Template Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	480
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3824 or DOCDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	GET [RESGROUP] [CICSSYS] CREATE [RESGROUP]

API Actions

INSTALL	Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTOGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 112. DOCDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string terminator
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed
INV_NAME	Invalid name	NOTIFY	Notify

Resource table descriptions

Table 112. DOCDEF FEEDBACK error codes (continued)

INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid over type	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Table 113. DOCDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	Document template definition name			7
EXITPGM	CHAR	CPSM	8	No	DIF	Exit program name			8
FILE	CHAR	CPSM	8	No	DIF	File name			9
DDNAME	CHAR	CPSM	8	No	DIF	DDname of partitioned data set			10
MEMBERNAME	CHAR	CPSM	8	No	DIF	Member of partitioned data set			11
PROGRAM	CHAR	CPSM	8	No	DIF	Program name			12
TSQUEUE	CHAR	CPSM	16	No	DIF	Temporay storage queue name			13
TDQUEUE	CHAR	CPSM	4	No	DIF	Transient data queue name			14
CREATETIME	DATE TIME	CPSM	8	Yes	MAX	Definition create time			16
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			17
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			18
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			19
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			20
TEMPLATENAME	CHAR	CPSM	48	No	DIF	Document template name			21
APPENDCRLF	EYUDA	CPSM	4	Yes	LIKE	Carriage return line feed (CRLF) append option	YES		23
APPENDCRLF Input/Output Valid Values	YES NO								
DOCTYPE	CVDAS	CPSM	4	Yes	LIKE	Document content type	EBCDIC		24
DOCTYPE Input/Output Valid Values	EBCDIC BINARY								
HFSFILE	CHAR	CPSM	255	No	DIF	Hierarchical File System template file			25

DOCINGRP Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6169 or DOCINGRP
Valid API operations	GET CREATE and REMOVE

Table 114. DOCINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 115. DOCINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
DOCGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
DOCNAME-2	CHAR	CPSM	8	Yes	DIF	Document template definition name	6
DOCV-3	BINARY	CPSM	1	Yes	AVG	Document template definition version	7

DOCTEMP Resource Table

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

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

The following actions are supported:

DISCARD

Discard a Document Template

These actions require no unique parameter data.

Length	448
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0105 or DOCTEMP
Valid API operations	GET and PERFORM

API Actions

DISCARD Discard

Parameters: None

Resource table descriptions

Table 116. DOCTEMP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
NAME-1	CHAR	INQ	8	DIF	Document template name		1
EXITPGM	CHAR	CPSM	8	DIF	Exit program name		2
FILE	CHAR	CPSM	8	DIF	File name		3
DDNAME	CHAR	CPSM	8	DIF	DD name of the partitioned data set		4
MEMBER	CHAR	CPSM	8	DIF	Name of the member in partitioned data set		5
PROGRAM	CHAR	CPSM	8	DIF	Program name		6
TSQUEUE	CHAR	CPSM	16	DIF	Temporary storage queue name		7
TDQUEUE	CHAR	CPSM	4	DIF	Transient data queue name		8
TEMPLATETYPE	CVDAS	CPSM	4	LIKE	Document template type		9
TEMPLATETYPE Output Valid Values	MEMBER FILE PROGRAM TSQUEUE TDQUEUE EXITPGM HFS						
TEMPLATENAME	CHAR	CPSM	48	DIF	Extended document template name		10
DSNAME	CHAR	CPSM	44	DIF	Data set name of partitioned data set		11
DOCTYPE	CVDAS	CPSM	4	LIKE	Document content type		12
DOCTYPE Output Valid Values	BINARY EBCDIC						
APPENDCRLF	CVDAS	CPSM	4	LIKE	Carriage return line feed (CRLF) append option		13
APPENDCRLF Output Valid Values	APPEND NOAPPEND						

Table 116. DOCTEMP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
HFSFILE	CHAR	CPSM	255	DIF	Hierarchical File System template file	E530, E620 and E630	14

DOMSPOOL Resource Table

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

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

There are no object specific actions for this resource class.

Length 128
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Resource
Copybook identifier EYUt0118 or DOMSPOOL
Valid API operations GET

Table 117. DOMSPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
SMSDSPN-1	CHAR	INQ	8	DIF	Domain subpool name	5
SMDDSANAME	CHAR	INQ	8	DIF	Name of dynamic storage area (DSA)	6
SMDETYPE	BIT	STAT	1	N/A	Subpool element type	7
SMDFLEN	BINARY	STAT	4	AVG	Subpool element length	9
SMDELCHN	BIT	STAT	1	N/A	Element chaining indicator	10
SMDBNDRY	BINARY	STAT	4	AVG	Subpool element boundary	13
SMDLOCN	EYUDA	STAT	4	LIKE	Location of domain subpool above/below 16MB	14
SMDLOCN Output Valid Values	ABOVE BELOW					
SMDACCESS	EYUDA	STAT	4	LIKE	Subpool access type	15
SMDACCESS Output Valid Values	CICS USER READONLY					
SMDIFREE	BINARY	STAT	4	AVG	Initial free area size	16
SMDGMREQ	BINARY	STAT	4	AVG	Number of GETMAIN requests	17
SMDFMREQ	BINARY	STAT	4	AVG	Number of FREEMAIN requests	18
SMDCES	BINARY	STAT	4	AVG	Sum of all element lengths	19
SMDCPS	BINARY	STAT	4	AVG	Current page storage	20
SMDCELEM	BINARY	STAT	4	AVG	Current number of elements	21
SMDHWMP	BINARY	STAT	4	AVG	Peak page storage	22
SMSDSATOTAL	BINARY	STAT	4	AVG	Current DSA total	26
SMSDSASZ	BINARY	STAT	4	AVG	Current size of DSA	27

Table 117. DOMSPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
DSAELEMPCT	PERCENT3	CPSM	4	AVG	Percentage of DSA used by elements	28
DSAPAGEPCT	PERCENT3	CPSM	4	AVG	Percentage of DSA used by pages	29
DSAPAGEPPCT	PERCENT3	CPSM	4	AVG	Peak percentage of DSA page use	30
GETMAINRTE	RATE3	CPSM	8	AVG	GETMAIN rate since last reset	32
FREEMAINRTE	RATE3	CPSM	8	AVG	FREEMAIN rate since last reset	33
PAGEELEMPCT	PERCENT3	CPSM	4	AVG	Percentage of page pool used by elements	34
PAGEPAGEPCT	PERCENT3	CPSM	4	AVG	Percentage of page pool used by pages	35
PAGEPAGPPCT	PERCENT3	CPSM	4	AVG	Peak percentage of page pool used by pages	36

DSNAME Resource Table

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

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

The following actions are supported:

BACKOUT

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

COMMIT

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

FORCE

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

IMMQUIESCE

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

QUIESCE

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

REMOVE

Remove the data set.

UNQUIESCE

Unquiesce the data set.

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

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

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

```
WAIT
NOWAIT
```

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

Length	176
Usage	API
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0011 or DSNAME
Valid API operations	GET SET and PERFORM

API Actions

REMOVE Remove

Parameters: None

IMMQUIESE Immediate quiesce (deprecated)

QUIESE	PARM(' BUSY(<i>value</i>) .') Quiesce (deprecated)
UNQUIESE	PARM(' BUSY(<i>value</i>) .') Unquiesce (deprecated)
IMMQUIESCE	PARM(' BUSY(<i>value</i>) .') Immediate quiesce
QUIESCE	PARM(' BUSY(<i>value</i>) .') Quiesce
UNQUIESCE	PARM(' BUSY(<i>value</i>) .') Unquiesce
BACKOUT	PARM(' BUSY(<i>value</i>) .') Back out
COMMIT	Parameters: None Commit
FORCE	Parameters: None Force
	Parameters: None

Resource table descriptions

Table 118. DSNNAME resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved		
DSNAME-1	CHAR	INQ	44	DIF		Data set name		1
ACCESSMETHOD	CVDAS	INQ	4	LIKE		Access method		2
ACCESSMETHOD Output Valid Values	VSAM BDAM							
BACKUPTYPE	CVDAS	INQ	4	LIKE		Type of backup		3
BACKUPTYPE Output Valid Values	STATIC DYNAMIC UNDETERMINED NOTAPPLIC							
BASEDSNAME	CHAR	INQ	44	DIF		Base data set name		4
BKOUTSTATUS	CVDAS	INQ	4	LIKE	yes	Backup status		5
BKOUTSTATUS Input/Output Valid Values	NORMALBKOUT FAILEDBKOUT							
BKOUTSTATUS Output Valid Values	FAILINGBKOUT NOTAPPLIC							
FILECOUNT	BINARY	INQ	4	AVG		Number of file definitions that reference data set		6
OBJECT	CVDAS	INQ	4	LIKE		Data set type		7
OBJECT Output Valid Values	BASE PATH							
RECOVSTATUS	CVDAS	INQ	4	LIKE		Recovery status		8
RECOVSTATUS Output Valid Values	RECOVERABLE FWDRECOVERABLE NOTRECOVERABLE UNDETERMINED NOTAPPLIC							
VALIDITY	CVDAS	INQ	4	LIKE		Data set validity status		9

Table 118. DSNNAME resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
VALIDITY Output Valid Values	VALID INVALID							
FWDRECOVLOG	CODEDBIN	INQ	2	AVG		Journal number		10
FWDRECOVLSN	CHAR	INQ	26	DIF		Forward recovery log stream name		11
AVAILABILITY	CVDAS	INQ	4	LIKE	yes	Availability status		12
AVAILABILITY Input/Output Valid Values	AVAILABLE UNAVAILABLE							
AVAILABILITY Output Valid Values	NOTAPPLIC							
LOSTLOCKS	CVDAS	INQ	4	LIKE		Lost locks status		13
LOSTLOCKS Output Valid Values	NOLOSTLOCKS REMLOSTLOCKS RECOVERLOCKS NOTAPPLIC							
QUIESCESTATE	CVDAS	INQ	4	LIKE	yes	Record level sharing (RLS) quiesce state		14
QUIESCESTATE Input/Output Valid Values	UNQUIESCED QUIESCED							
QUIESCESTATE Output Valid Values	QUIESCING NOTAPPLIC							
RETLOCKS	CVDAS	INQ	4	LIKE		Retained record locks status		15
RETLOCKS Output Valid Values	RETAINED NORETAINED							

DSPGBL Resource Table

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

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

There are no object specific actions for this resource class.

Length	88
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0131 or DSPGBL
Valid API operations	GET and SET

Table 119. DSPGBL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved			
DSGICVT	BINARY	STAT	4	AVG	yes	Current region exit time (ICV) (milliseconds)			5
DSGICVRT	BINARY	STAT	4	AVG	yes	Runaway task time interval (ICVR) (milliseconds)			6
DSGICVSD	BINARY	STAT	2	AVG	yes	Terminal scan delay time (ICVTSD) (milliseconds)			7
DSGPRIAG	BINARY	STAT	2	AVG	yes	Priority aging value (PRTYAGE) (milliseconds)			8
DSGSTSKS	BINARY	STAT	2	AVG		Number of subtasks	E530		9
DSGMBTCH	BINARY	STAT	2	AVG		MRO batching value (MROBTCH)	E530		10
DSGCNT	BINARY	STAT	2	AVG		Current number of tasks			11
DSGPNT	BINARY	STAT	2	AVG		Peak number of tasks			12
DSGSTART	TIMESTP	STAT	8	N/A		Dispatcher start time GMT			14
DSGLSTRT	TIMESTP	STAT	8	N/A		Dispatcher start time LOCAL			15
DSGEJST	INTSTCK	STAT	8	N/A		Elapsed job step timing			16
DSGSRBT	INTSTCK	STAT	8	N/A		Accumulated SRB time			17
DSGXSCNS	BINARY	STAT	4	AVG		Number of excess TCB scans	E530		18
DSGXSCNN	BINARY	STAT	4	AVG		Number of excess TCB scans with no TCB detached	E530		19
DSGXTCBD	BINARY	STAT	4	AVG		Total number of excess TCBs detached	E530		20
FORCEQR	CVDAS	INQ	4	LIKE	yes	Quasi-reentrancy force option			21
FORCEQR Input/Output Valid Values	FORCE NOFORCE								

DSPMODE Resource Table

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

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

There are no object specific actions for this resource class.

Length	120
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0132 or DSPMODE
Valid API operations	GET

Table 120. DSPMODE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
DSGTCBNW-1	CHAR	STAT	2	DIF	TCB mode name		5
DSGTCBMD	EYUDA	STAT	4	LIKE	Open status	E530	7
DSGTCBMD Output Valid Values	OPEN NOTOPEN UNKNOWN						
DSGTCBMP	BINARY	STAT	2	MIN	TCB mode pool number	E530	8
DSGNTCBA	BINARY	STAT	4	AVG	Number of TCB attaches		10
DSGTCBAF	BINARY	STAT	4	AVG	Number of TCB attach failures	E530	11
DSGTCBCA	BINARY	STAT	4	AVG	Current number of TCBs attached		12
DSGTCBPA	BINARY	STAT	4	AVG	Peak number of TCBs attached		13
DSGTCBCU	BINARY	STAT	4	AVG	Current number of TCBs used by mode	E530	14
DSGTCBPU	BINARY	STAT	4	AVG	Peak number of TCBs used by mode	E530	15
DSGTCBAL	BINARY	STAT	4	AVG	Number of TCBs allocated	E530	16
DSGTCBDU	BINARY	STAT	4	AVG	Number of unclean detaches		17
DSGTCBDS	BINARY	STAT	4	AVG	Number of stolen detaches		18
DSGTCBDX	BINARY	STAT	4	AVG	Number of excess detaches	E530	19
DSGTCBDO	BINARY	STAT	4	AVG	Number of other detaches		20
DSGTCBST	BINARY	STAT	4	AVG	Number of TCB steals		21
DSGTCBMM	BINARY	STAT	4	AVG	Number of TCB mismatches	E530	22
DSGSYSW	BINARY	STAT	4	AVG	Number of partition exits	E530	23
DSGTWT	INTSTCK	STAT	8	N/A	Real time CICS spent in MVS wait		25

Resource table descriptions

Table 120. DSPMODE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
DSGTDT	INTSTCK	STAT	8	N/A	Total of real time TCB has been dispatched by MVS		26
DSGTCT	INTSTCK	STAT	8	N/A	CPU time used by this TCB for dispatcher task		27
DSGACT	INTSTCK	STAT	8	N/A	Total CPU time used by this TCB		28
TCBPOOLN	EYUDA	CPSM	4	LIKE	TCB mode pool name	E530	29
TCBPOOLN Output Valid Values	OPEN JVM HOTPOOL XPLINK SSL						

DSPPOOL Resource Table

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

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

There are no object specific actions for this resource class.

Length	128
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0133 or DSPPOOL
Valid API operations	GET and SET
Unsupported releases	E530

Resource table descriptions

Table 121. DSPPPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved		
DSGTCBPN	BINARY	STAT	2	AVG		TCB pool number		5
DSGMXTCB	BINARY	STAT	4	AVG		Maximum number of TCBs		7
DSGCNUAT	BINARY	STAT	4	AVG		Current number of TCBs attached		8
DSGPNUAT	BINARY	STAT	4	AVG		Peak number of TCBs attached		9
DSGCNUUS	BINARY	STAT	4	AVG		Current number of TCBs in use		10
DSGPNUUS	BINARY	STAT	4	AVG		Peak number of TCBs in use		11
DSGNTCBL	BINARY	STAT	4	AVG		Number of times at pool limit		12
DSGTOTWL	INTSTCK	STAT	8	N/A		Total waiting time at TCB limit		14
DSGCURWT	INTSTCK	STAT	8	N/A		Current waiting time at TCB limit		15
DSGTOTNW	BINARY	STAT	4	AVG		Total number of waits		16
DSGURNW	BINARY	STAT	4	AVG		Current number of tasks waiting for TCB		17
DSGPEANW	BINARY	STAT	4	AVG		Peak number of tasks waiting for TCB		18
POOLNAME-1	CHAR	CPSM	12	DIF		TCB pool name		19
DSGMMWTS	BINARY	STAT	4	AVG		Total TCB Mismatch waits		23
DSGMMWTM	INTSTCK	STAT	8	N/A		Total TCB Mismatch wait time		24
DSGCMWMT	INTSTCK	STAT	8	N/A		Current TCB Mismatch wait time		25
DSGCMMWS	BINARY	STAT	4	AVG		Current TCB Mismatch waits		26
DSGPMWWS	BINARY	STAT	4	AVG		Peak TCB Mismatch waits		27
DSGTOTMT	INTSTCK	STAT	8	AVG		Total MVS storage wait time	E530 and E620	28

Table 121. DSPPPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
DSGTOTMW	BINARY	STAT	4	AVG		Total number of MVS storage waiters	E530 and E620	29

DTRINGRP Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt5379 or DTRINGRP
Valid API operations	GET CREATE and REMOVE

Table 122. DTRINGRP FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	REC_NOT_FOUND	Requested resource not found
INV_REFERENCE	Attribute references an invalid resource	TRANID_NOT_UNIQUE	Transaction ID not unique
REC_EXISTS	Resource already exists		

Table 123. DTRINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
TRANGRP-1	CHAR	CPSM	8	Yes	DIF	Transaction group name	5
TRANID-2	CHAR	CPSM	8	Yes	DIF	Transaction name	6
PCONV	EYUDA	CPSM	4	Yes	LIKE	Pseudo-conversational mode	7
PCONV Input/Output Valid Values	START END N_A						

EACTNTFN Resource Table

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

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

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

Length 104

Usage API

API view No

CMAS context No

SCOPE applies No

Only query CMASs in workload

No

Object type CPSM Notification

Copybook identifier EYUt2527 or EACTNTFN

Table 124. EACTNTFN resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
SCOPE	CHAR	CPSM	8	Scope target	5
SPEC	CHAR	CPSM	8	RTA or analysis point specification name	6
ACTNAME	CHAR	CPSM	8	External event name	7
ACTDEF	CHAR	CPSM	8	Action name	8
NTFNTYPE	BIT	CPSM	1	Type of external notification	9
DEFTYPE	BINARY	CPSM	1	Action reference type	10
ACTION	BINARY	CPSM	1	Control action	11
SEVERITY	EYUDA	CPSM	4	Current severity	12
SEVERITY Output Valid Values	VLS LS LW HW HS VHS				
RESTYPE	CHAR	CPSM	8	Resource type	13
KEY	CHAR	CPSM	44	Resource key	14

ECSYSCHG Resource Table

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

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

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

Length	24
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2518 or ECSYSCHG

Table 125. ECSYSCHG resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
CICSPLEX	CHAR	CPSM	8	CICSplex name	4
CICSNAME	CHAR	CPSM	8	CICS system name	5
ACTION	BINARY	CPSM	1	Action	6

EDEFCHG Resource Table

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

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

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

Length 64

Usage

API view No

CMAS context No

SCOPE applies No

Only query CMASs in workload

No

Object type CPSM Notification

Copybook identifier EYUt2464 or EDEFCHG

Table 126. EDEFCHG resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
CONTEXT	CHAR	CPSM	8	Context of record	4
MAJOR_ID	RESTYPE	CPSM	2	Major resource type	5
MAJOR_NAME	CHAR	CPSM	8	Major name	6
MINOR_ID	RESTYPE	CPSM	2	Minor resource type	7
MINOR_NAME	CHAR	CPSM	8	Minor name	8
ACTION	CHAR	CPSM	1	Type of action	9
MAJOR_VER	BINARY	CPSM	1	Major version	10
MINOR_VER	BINARY	CPSM	1	Minor version	11
QUAL_ID	RESTYPE	CPSM	2	Qualifier ID	12
QUAL_NAME	CHAR	CPSM	8	Qualifier name	13
QUAL_VER	BINARY	CPSM	1	Qualifier version	14
FORTH_ID	RESTYPE	CPSM	2	Forth ID	15
FORTH_NAME	CHAR	CPSM	8	Forth name	16
FORTH_VER	BINARY	CPSM	1	Forth version	17
CHANGE_TIME	BINARY	CPSM	8	Change time	18

EJCINGRP Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6176 or EJCINGRP
Valid API operations	GET CREATE and REMOVE

Table 127. EJCINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 128. EJCINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
EJCGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
EJCNAME-2	CHAR	CPSM	8	Yes	DIF	CorbaServer definition name	6
EJCVER-3	BINARY	CPSM	1	Yes	AVG	CorbaServer definition version	7

EJCOBEAN Resource Table

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

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

There are no actions supported against it.

Length	312
Usage	API
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0110 or EJCOBEAN
Valid API operations	GET
Unsupported releases	E530

Resource table descriptions

Table 129. EJCOBEAN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
NAME-1	CHAR	INQ	4	DIF	CorbaServer name		1
BEANNAME-2	CHAR	INQ	240	DIF	Enterprise bean name		2
DJAR	CHAR	INQ	32	DIF	CICS-deployed JAR file		3
BEANACTIVATE	BINARY	STAT	4	AVG	Number of Bean state Activates	E530 and E620	4
BEANPASSIVAT	BINARY	STAT	4	AVG	Number of Bean state Passivates	E530 and E620	5
BEANCREATES	BINARY	STAT	4	AVG	Number of Bean Creates	E530 and E620	6
BEANREMOVES	BINARY	STAT	4	AVG	Number of Bean Removes	E530 and E620	7
BEANMETHCALL	BINARY	STAT	4	AVG	Number of Bean Method calls	E530 and E620	8

EJCODEF Resource Table

A CICS Definition that describes a CorbaServer.

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

The following action is supported:

INSTALL

Install a CorbaServer definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	1304
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3831 or EJCODEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Unsupported releases	E530
Parameters	GET [CICSSYS] [RESGROUP] CREATE [RESGROUP]

API Actions

INSTALL	Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTOGRP	Unsupported releases: E530 Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 130. EJCODEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string term
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available

Resource table descriptions

Table 130. EJCODEF FEEDBACK error codes (continued)

INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed
INV_NAME	Invalid name	NOTIFY	Notify
INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid over type	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Table 131. EJCODEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	CorbaServer definition name			7
CREATETIME	DATE TIME	CPSM	8	Yes	MAX	Definition creation time			9
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			10
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			11
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			12
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			13
SSL	EYUDA	CPSM	4	No	LIKE	Secure socket layer (SSL) usage	NO		15
SSL Input/Output Valid Values	YES NO CLIENTCERT								
PORT	CHAR	CPSM	5	No	DIF	TCP/IP port number		1-65535	16
SSLPORT	CHAR	CPSM	5	No	DIF	Secure socket layer (SSL) port number		1-65535	17
SSLPORT	NO								
SSL Input/Output Valid Values	NO								
JNDIPREFIX	CHAR	CPSM	255	No	DIF	Java naming directory (JNDI) prefix			18
SESSBEANTIME	CHAR	CPSM	6	Yes	DIF	Session bean timeout (DDHMM)	000010		19
SHELF	CHAR	CPSM	255	No	DIF	Hierarchical file system (HFS) shelf directory	/VAR/CICSTS		20
HOST	CHAR	CPSM	255	Yes	DIF	TCP/IP host address			21
CERTIFICATE	CHAR	CPSM	56	No	DIF	Secure sockets layer (SSL) client certificate			22
DJARDIR	CHAR	CPSM	255	No	DIF	CICS-deployed JAR file pickup directory			23
AUTOPUBLISH	EYUDA	CPSM	4	Yes	LIKE	Auto publish beans to Java naming directory (JNDI)	NO		24
AUTOPUBLISH	NO YES								
AUTOPUBLISH Input/Output Valid Values	NO YES								
UNAUTH	CHAR	CPSM	8	Yes	DIF	TCP/IP service for unauthenticated protocol			25
CLIENTCERT	CHAR	CPSM	8	No	DIF	TCP/IP service for client certificated protocol			26

Resource table descriptions

Table 131. EJCODEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
SSLUNAUTH	CHAR	CPSM	8	No	DIF	TCP/IP service for secure sockets layer (SSL) AUTHENTICATE=NO protocol			27
STATUS	CVDAS	CPSM	4	Yes	LIKE	Status	ENABLED		28
STATUS Input/Output Valid Values	ENABLED DISABLED								
ASSERTED	CHAR	CPSM	8	No	DIF	TCP/IP service for Asserted Identity protocol			29
OUTPRIVACY	CVDAS	CPSM	4	No	LIKE	Outbound privacy	SUPPORTED		30
OUTPRIVACY Input/Output Valid Values	REQUIRED SUPPORTED NOTSUPPORTED								
CIPHERS	CHAR	CPSM	56	No	LIKE	SSL cipher suite codes			31

EJCOSE Resource Table

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

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

The following actions are supported:

PUBLISH

Publish the Corbaserver to the JNDI directory.

RETRACT

Retract the CorbaServer from the JNDI directory.

DISCARD

Discard the CorbaServer from its associated MAS.

Length	1232
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0108 or EJCOSE
Valid API operations	GET SET and PERFORM
Unsupported releases	E530

API Actions

PUBLISH	Publish
	Parameters: None
RETRACT	Retract
	Parameters: None
DISCARD	Discard
	Parameters: None
SCAN	Scan
	Parameters: None
	Unsupported releases: E530

Resource table descriptions

Table 132. EJCOSE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved		
NAME-1	CHAR	INQ	4	DIF		CorbaServer name		1
SESSBEANTIME	BINARY	INQ	4	AVG	yes	Session bean timeout (minutes)		2
SSL	CVDAS	INQ	4	LIKE		Secure sockets layer (SSL) usage	E530 and E620 and higher	3
SSL Output Valid Values	NOSSL SSL CLIENTCERT							
STATE	CVDAS	INQ	4	LIKE		CorbaServer state usage	E530 and E630 and higher	4
STATE Output Valid Values	INITING INSERVICE PENDINIT PENDRESOLVE UNRESOLVED UNUSABLE DISCARDING RESOLVING							
PORT	BINARY	INQ	4	AVG		TCP/IP port number	E530 and E620 and higher	5
SSLPORT	BINARY	INQ	4	AVG		Secure sockets layer (SSL) port number	E530 and E620 and higher	6
JNDIPREFIX	CHAR	INQ	255	DIF		Java naming directory (JNDI) prefix		7
HOST	CHAR	INQ	255	DIF		TCP/IP host address		8
CERTIFICATE	CHAR	INQ	56	DIF		Secure sockets layer (SSL) client certificate		9
SHELF	CHAR	INQ	255	DIF		Hierarchical file system (HFS) shelf directory		10
DJARDIR	CHAR	INQ	255	DIF		CICS-deployed JAR file pickup directory	E530	11
AUTOPUBLISH	CVDAS	INQ	4	LIKE	yes	Auto publish beans to Java naming directory (JNDI)	E530	12
AUTOPUBLISH Input/Output Valid Values	AUTOPUB NOAUTO							

Table 132. EJCOSE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
UNAUTH	CHAR	INQ	8	DIF		TCP/IP service for unauthenticated protocol	E530	13
CLIENTCERT	CHAR	INQ	8	DIF		TCP/IP service for client certificated protocol	E530	14
SSLUNAUTH	CHAR	INQ	8	DIF		TCP/IP service for secure sockets layer (SSL) AUTHENTICATE=NO protocol	E530	15
ENABLESTATUS	CVDAS	INQ	4	LIKE	yes	CorbaServer status	E530 and E620	16
ENABLESTATUS Input/Output Valid Values	ENABLED DISABLED							
ENABLESTATUS Output Valid Values	ENABLING DISABLING DISCARDING							
OBJACTIVATES	BINARY	STAT	4	AVG		Number of Object Activates	E530 and E620	17
OBJSTORES	BINARY	STAT	4	AVG		Number of Object Stores	E530 and E620	18
FAILACTIVATE	BINARY	STAT	4	AVG		Number of Failed Activates	E530 and E620	19
ASSERTED	CHAR	INQ	8	DIF		TCP/IP service for Asserted Identity protocol	E530 and E620	20
OUTPRIVACY	CVDAS	INQ	4	LIKE		Outbound privacy	E530 and E620	21
OUTPRIVACY Input/Output Valid Values	REQUIRED SUPPORTED NOTSUPPORTED							
CIPHERS	CHAR	INQ	56	LIKE		SSL cipher suite codes	E530, E620 and E630	22
NUMCIPHERS	BINARY	INQ	2	LIKE		Number of SSL cipher suite codes	E530, E620 and E630	23

EJDINGRP Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6177 or EJDINGRP
Valid API operations	GET CREATE and REMOVE

Table 133. EJDINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 134. EJDINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
EJDGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
EJDNAME-2	CHAR	CPSM	8	Yes	DIF	CICS-deployed JAR file definition name	6
EJDVER-3	BINARY	CPSM	1	Yes	AVG	CICS-deployed JAR file definition version	7

EJDJAR Resource Table

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

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

The following actions are supported:

PUBLISH

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

RETRACT

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

DISCARD

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

Length 320
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Resource
Copybook identifier EYUt0109 or EJDJAR
Valid API operations GET and PERFORM
Unsupported releases E530

API Actions

PUBLISH Publish

Parameters: None

RETRACT Retract

Parameters: None

DISCARD Discard

Parameters: None

Table 135. EJDJAR resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	INQ	32	DIF	CICS-deployed JAR file	1
CORBASERVER	CHAR	INQ	4	DIF	CorbaServer name	2
STATE	CVDAS	INQ	4	LIKE	CICS-deployed JAR file status	3
STATE Output Valid Values	INITING INSERVICE PENDINIT PENDRESOLVE UNRESOLVED UNUSABLE DISCARDING RESOLVING					
HFSFILE	CHAR	INQ	255	DIF	Hierarchical file system (HFS) path	4
LASTMODTIME	DATETIME	INQ	8	MAX	Time the DJAR was last modified	6

EJDJBEAN Resource Table

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

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

There are no actions supported against it.

Length	312
Usage	API
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0112 or EJDJBEAN
Valid API operations	GET
Unsupported releases	E530

Table 136. EJDJBAN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
NAME-1	CHAR	INQ	32	DIF	CICS-deployed JAR file		1
BEANNAME-2	CHAR	INQ	240	DIF	Enterprise bean name		2
CORBASERVER-3	CHAR	INQ	4	DIF	CorbaServer name		3
BEANACTIVATE	BINARY	STAT	4	AVG	Number of Bean state Activates	E530 and E620	4
BEANPASSIVAT	BINARY	STAT	4	AVG	Number of Bean state Passivates	E530 and E620	5
BEANCREATES	BINARY	STAT	4	AVG	Number of Bean Creates	E530 and E620	6
BEANREMOVES	BINARY	STAT	4	AVG	Number of Bean Removes	E530 and E620	7
BEANMETHCALL	BINARY	STAT	4	AVG	Number of Bean Method calls	E530 and E620	8

EJDJDEF Resource Table

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

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

The following actions are supported:

INSTALL

Install a CICS-deployed JAR file definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	368
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3832 or EJDJDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Unsupported releases	E530
Parameters	GET [CICSSYS] [RESGROUP] CREATE [RESGROUP]

API Actions

INSTALL

Install

PARM(' [NOTIFY(*value*)] USAGE(*value*)
[FORCEINS(*value*)] [STATECHK(*value*)]
[MODE(*value*)] [OVERTYPE(*value*)]
[OVERRIDE(*override*)] TARGET(*value*)
[RELATED(*value*)] .')

Unsupported releases: E530

ADDTOGRP

Add to resource group

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

Table 137. EJDJDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string terminator
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available

Table 137. EJDJDEF FEEDBACK error codes (continued)

INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed
INV_NAME	Invalid name	NOTIFY	Notify
INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid oertype	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Resource table descriptions

Table 138. EJDJDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	CICS-deployed JAR file definition name			7
CREATETIME	DATE TIME	CPSM	8	Yes	MAX	Definition creation time			9
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			10
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			11
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			12
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			13
CORBASERVER	CHAR	CPSM	4	Yes	DIF	CorbaServer name			15
HFSFILE	CHAR	CPSM	255	Yes	DIF	Hierarchical file system (HFS) path			16

EL SIGNAL Resource Table

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

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

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

Length 48

Usage API

API view No

CMAS context No

SCOPE applies No

Only query CMASs in workload

No

Object type CPSM Notification

Copybook identifier EYUt2568 or ELSIGNAL

Table 139. ELSIGNAL resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICS Plex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
SIGTYPE	BINARY	CPSM	1	Local signal type	6
DUMPCODE	CHAR	CPSM	8	SVC dump dumpcode	8
DUMPUSER	CHAR	CPSM	8	SVC dump user ID	9
DUMPTRAN	CHAR	CPSM	4	SVC dump transaction ID	10
DUMPTERM	CHAR	CPSM	4	SVC dump terminal ID	11

EMASJOIN Resource Table

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

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

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

Length 176
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Notification
Copybook identifier EYUt2405 or EMASJOIN

Table 140. EMASJOIN resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
CMASNAME	CHAR	CPSM	8	CMAS name	4
PLEXNAME	CHAR	CPSM	8	CICSplex name	5
CSYSNAME	CHAR	CPSM	8	CICS system name	6
MON_SPEC	CHAR	CPSM	8	Monitor specification name	7
RTA_SPEC	CHAR	CPSM	8	Real Time Analysis (RTA) specification name	8
WLM_SPEC	CHAR	CPSM	8	Workload manager specification name	9
STATUS	BIT	CPSM	1	Status	10
DYNROUTE	BINARY	CPSM	1	Dynamic routing mode	11
DYNTYPE	CHAR	CPSM	3	Dynamic routing type	12
DESC	CHAR	CPSM	58	Description	13
CSYSAPPL	CHAR	CPSM	8	VTAM application ID	14
MASSTART	TIMESTP	CPSM	8	MAS start time	15
TMEZONEO	BINARY	CPSM	1	Time zone offset	16
TMEZONE	CHAR	CPSM	1	Time zone	17
DAYLGHTSV	EYUDA	CPSM	4	Daylight savings in effect	19
DAYLGHTSV Output Valid Values	YES NO				
SYSID	CHAR	CPSM	4	MAS system ID	20
OPSYSREL	CHAR	CPSM	4	MAS operating system release	21
MVSNAME	CHAR	CPSM	4	MVS system name	22
JOBNAME	CHAR	CPSM	8	MAS job name	23
CECNAME	CHAR	CPSM	8	CEC name	24
SYSPLEX	CHAR	CPSM	8	SYSplex name	25

EMASSICK Resource Table

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

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

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

Length 192
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Notification
Copybook identifier EYUt2402 or EMASSICK

Table 141. EMASSICK resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
MASTYPE	BIT	CPSM	1	Status	6
SYSCONDS	BIT	CPSM	1	System health indicators	7
SOSCONDS	BIT	CPSM	1	Storage health indicators	8
SOSCONDS2	BIT	CPSM	1	Storage health indicators	9
SICKTYPE	EYUDA	CPSM	4	Specific sick identification	10
# SICKTYPE Output # Valid Values	SYSDUMP TRANDUMP MAXTASK STALLED SOSUDSA SOSCDSA SOSEUDSA SOSECDSA SOSERDSA SOSSDSA SOSESDSA SOSRDSA SOSMVS SOSABOVE SOSBELOW				
SYSDUMP_TIM	TIMESTP	CPSM	8	Time detected system dumping	11
TRANDUMP_TIM	TIMESTP	CPSM	8	Time detected transaction dumping	12
MAXTASK_TIM	TIMESTP	CPSM	8	Time detected maximum task limit reached	13
STALL_TIM	TIMESTP	CPSM	8	Time detected system stalled	14
SOSUDSA_TIM	TIMESTP	CPSM	8	Time detected UDSA SOS	16
SOSCDSA_TIM	TIMESTP	CPSM	8	Time detected CDSA SOS	17
SOSEUDSA_TIM	TIMESTP	CPSM	8	Time detected EUDSA SOS	18
SOSECDSA_TIM	TIMESTP	CPSM	8	Time detected ECDSA SOS	19
SOSERDSA_TIM	TIMESTP	CPSM	8	Time detected ERDSA SOS	20
SOSSDSA_TIM	TIMESTP	CPSM	8	Time detected SDSA SOS	21
SOSESDSA_TIM	TIMESTP	CPSM	8	Time detected ESDSA SOS	22
SOSRDSA_TIM	TIMESTP	CPSM	8	Time detected RDSA SOS	23
SOSABOVE_TIM	TIMESTP	CPSM	8	Time detected SOS above 16M	24
SOSBELOW_TIM	TIMESTP	CPSM	8	Time detected SOS below 16M	25
SOSMVS_TIM	TIMESTP	CPSM	8	Time detected MVS SOS	44

Resource table descriptions

Table 141. EMASSICK resource table attributes (continued)

Name	Datatype	Source	Len	Description	Attr ID
DUMP_TERMID	CHAR	CPSM	4	Terminal ID	27
DUMP_TRANID	CHAR	CPSM	4	Transaction ID	28
DUMP_USERID	CHAR	CPSM	8	User ID	29
DUMP_PROGRAM	CHAR	CPSM	8	Abending program	30
DUMP_CODE	CHAR	CPSM	8	Dump code	31
TRANDUMP_CNT	BINARY	CPSM	4	Transaction dump use count	32
CURSTALL3	BIT	CPSM	1	Third stall indicator flag	36
CURSTALL2	BIT	CPSM	1	Second stall indicator flag	37
CURSTALL1	BIT	CPSM	1	First stall indicator flag	38
CHGSTALL3	BIT	CPSM	1	Third stall indicator flag	41
CHGSTALL2	BIT	CPSM	1	Second stall indicator flag	42
CHGSTALL1	BIT	CPSM	1	First stall indicator flag	43

EMASSTOP Resource Table

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

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

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

Length	168
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2401 or EMASSTOP

Table 142. EMASSTOP resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
CMASNAME	CHAR	CPSM	8	CMAS name	4
PLEXNAME	CHAR	CPSM	8	CICSplex name	5
CSYSNAME	CHAR	CPSM	8	CICS system name	6
MON_SPEC	CHAR	CPSM	8	Monitor specification name	7
RTA_SPEC	CHAR	CPSM	8	Real Time Analysis (RTA) specification name	8
WLM_SPEC	CHAR	CPSM	8	Workload manager specification name	9
STATUS	BIT	CPSM	1	Status	10
DYNROUTE	BINARY	CPSM	1	Dynamic routing mode	11
DYNTYPE	CHAR	CPSM	3	Dynamic routing type	12
DESC	CHAR	CPSM	58	Description	13
CSYSAPPL	CHAR	CPSM	8	VTAM application ID	14
MASSTART	TIMESTP	CPSM	8	MAS start time	15
SYSID	CHAR	CPSM	4	MAS system ID	16
OPSYSREL	CHAR	CPSM	4	MAS operating system release	17
MVSNAME	CHAR	CPSM	4	MVS system name	18
JOBNAME	CHAR	CPSM	8	MAS job name	19
CECNAME	CHAR	CPSM	8	CEC name	20
SYSPLEX	CHAR	CPSM	8	SYSplex name	21

EMASSTRT Resource Table

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

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

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

Length 176
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Notification
Copybook identifier EYUt2400 or EMASSTRT

Table 143. EMASSTRT resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
CMASNAME	CHAR	CPSM	8	CMAS name	4
PLEXNAME	CHAR	CPSM	8	CICSplex name	5
CSYSNAME	CHAR	CPSM	8	CICS system name	6
MON_SPEC	CHAR	CPSM	8	Monitor specification name	7
RTA_SPEC	CHAR	CPSM	8	Real Time Analysis (RTA) specification name	8
WLM_SPEC	CHAR	CPSM	8	Workload manager specification name	9
STATUS	BIT	CPSM	1	Status	10
DYNROUTE	BINARY	CPSM	1	Dynamic routing mode	11
DYNTYPE	CHAR	CPSM	3	Dynamic routing type	12
DESC	CHAR	CPSM	58	Description	13
CSYSAPPL	CHAR	CPSM	8	VTAM application ID	14
MASSTART	TIMESTP	CPSM	8	MAS start time	15
TMEZONEO	BINARY	CPSM	1	Time zone offset	16
TMEZONE	CHAR	CPSM	1	Time zone	17
DAYLGHTSV	EYUDA	CPSM	4	Daylight savings in effect	19
DAYLGHTSV Output Valid Values	YES NO				
SYSID	CHAR	CPSM	4	MAS system ID	20
OPSYSREL	CHAR	CPSM	4	MAS operating system release	21
MVSNAME	CHAR	CPSM	4	MVS system name	22
JOBNAME	CHAR	CPSM	8	MAS job name	23
CECNAME	CHAR	CPSM	8	CEC name	24
SYSPLEX	CHAR	CPSM	8	SYSplex name	25

EMASWELL Resource Table

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

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

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

Length	192
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2403 or EMASWELL

Table 144. EMASWELL resource table attributes

Name	Datatype	Source	Len	Description	Attr ID	
PLEXNAME	CHAR	CPSM	8	CICSplex name	4	
CSYSNAME	CHAR	CPSM	8	CICS system name	5	
MASTYPE	BIT	CPSM	1	Status	6	
SYSCONDS	BIT	CPSM	1	System health indicators	7	
SOSCONDS	BIT	CPSM	1	Storage health indicators	8	
SOSCONDS2	BIT	CPSM	1	Storage health indicators	9	
WELLTYPE	EYUDA	CPSM	4	Specific well identification	10	
# # #	WELLTYPE Output Valid Values	SYSDUMP TRANDUMP MAXTASK STALLED SOSUDSA SOSCDSA SOSEUDSA SOSECDSA SOSERDSA SOSSDSA SOSESDSA SOSRDSA SOSMVS SOSBELOW SOSABOVE				
	SYSDUMP_TIM	TIMESTP	CPSM	8	Time relieved system dumping	11
	TRANDUMP_TIM	TIMESTP	CPSM	8	Time relieved tran dumping	12
	MAXTASK_TIM	TIMESTP	CPSM	8	Time relieved maximum task limit	13
	STALL_TIM	TIMESTP	CPSM	8	Time relieved system stalled	14
	SOSUDSA_TIM	TIMESTP	CPSM	8	Time relieved UDSA SOS	16
	SOSCDSA_TIM	TIMESTP	CPSM	8	Time relieved CDSA SOS	17
	SOSEUDSA_TIM	TIMESTP	CPSM	8	Time relieved EUDSA SOS	18
	SOSECDSA_TIM	TIMESTP	CPSM	8	Time relieved ECDSA SOS	19
	SOSERDSA_TIM	TIMESTP	CPSM	8	Time relieved ERDSA SOS	20
	SOSSDSA_TIM	TIMESTP	CPSM	8	Time relieved SDSA SOS	21
	SOSESDSA_TIM	TIMESTP	CPSM	8	Time relieved ESDSA SOS	22
	SOSRDSA_TIM	TIMESTP	CPSM	8	Time relieved RDSA SOS	23
	SOSABOVE_TIM	TIMESTP	CPSM	8	Time relieved SOS above 16M	24

Resource table descriptions

Table 144. EMASWELL resource table attributes (continued)

Name	Datatype	Source	Len	Description	Attr ID
SOSBELOW_TIM	TIMESTP	CPSM	8	Time relieved SOS below 16M	25
SOSMVS_TIM	TIMESTP	CPSM	8	Time relieved MVS SOS	44
DUMP_TERMID	CHAR	CPSM	4	Last dump terminal ID	27
DUMP_TRANID	CHAR	CPSM	4	Last dump transaction ID	28
DUMP_USERID	CHAR	CPSM	8	Last dump user ID	29
DUMP_PROGRAM	CHAR	CPSM	8	Last dump abending program	30
DUMP_CODE	CHAR	CPSM	8	Last dump code	31
TRANDUMP_CNT	BINARY	CPSM	4	Transaction dump use count	32
CURSTALL3	BIT	CPSM	1	Third stall indicator flag	36
CURSTALL2	BIT	CPSM	1	Second stall indicator flag	37
CURSTALL1	BIT	CPSM	1	First stall indicator flag	38
CHGSTALL3	BIT	CPSM	1	Third stall indicator flag	41
CHGSTALL2	BIT	CPSM	1	Second stall indicator flag	42
CHGSTALL1	BIT	CPSM	1	First stall indicator flag	43

EMCICS Resource Table

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

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

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

Length	24
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2467 or EMCICS

Table 145. EMCICS resource table attributes

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

EMCONN Resource Table

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

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

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

Length 24
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Notification
Copybook identifier EYUt2470 or EMCONN

Table 146. EMCONN resource table attributes

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

EMDBX Resource Table

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

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

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

Length	24
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2469 or EMDBX

Table 147. EMDBX resource table attributes

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

EMFILE Resource Table

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

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

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

Length 24
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Notification
Copybook identifier EYUt2471 or EMFILE

Table 148. EMFILE resource table attributes

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

EMGLBL Resource Table

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

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

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

Length	24
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2468 or EMGLBL

Table 149. EMGLBL resource table attributes

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

EMJRNL Resource Table

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

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

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

Length 24
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Notification
Copybook identifier EYUt2472 or EMJRNL

Table 150. EMJRNL resource table attributes

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

EMPROG Resource Table

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

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

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

Length	24
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2473 or EMPROG

Table 151. EMPROG resource table attributes

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

EMSTATUS Resource Table

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

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

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

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

Length 208
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Notification
Copybook identifier EYUt2507 or EMSTATUS

Table 152. EMSTATUS resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
MASTYPE	BIT	CPSM	1	Status	6
SYSCONDS	BIT	CPSM	1	System health indicators	7
SOSCONDS	BIT	CPSM	1	Storage health indicators	8
SOSCONDS2	BIT	CPSM	1	Storage health indicators	9
LASTTYPE	EYUDA	CPSM	4	Last sick/well identification	10
# LASTTYPE # Output Valid # Values	SYSDUMP TRANDUMP MAXTASK STALLED SOSUDSA SOSCDSA SOSEUDSA SOSECDSA SOSERDSA SOSSDSA SOSESDSA SOSRDSA SOSMVS SOSBELOW SOSABOVE				
SYSDUMP_TIM	TIMESTP	CPSM	8	Last sick/well time	11
TRANDUMP_TIM	TIMESTP	CPSM	8	Last sick/well time	12
MAXTASK_TIM	TIMESTP	CPSM	8	Last sick/well time	13
STALL_TIM	TIMESTP	CPSM	8	Last sick/well time	14

Table 152. EMSTATUS resource table attributes (continued)

Name	Datatype	Source	Len	Description	Attr ID
SOSUDSA_TIM	TIMESTP	CPSM	8	Last sick/well time	16
SOSCDSA_TIM	TIMESTP	CPSM	8	Last sick/well time	17
SOSEUDSA_TIM	TIMESTP	CPSM	8	Last sick/well time	18
SOSECDSA_TIM	TIMESTP	CPSM	8	Last sick/well time	19
SOSERDSA_TIM	TIMESTP	CPSM	8	Last sick/well time	20
SOSSDSA_TIM	TIMESTP	CPSM	8	Last sick/well time	21
SOSESDSA_TIM	TIMESTP	CPSM	8	Last sick/well time	22
SOSRDSA_TIM	TIMESTP	CPSM	8	Last sick/well time	23
SOSABOVE_TIM	TIMESTP	CPSM	8	Last sick/well time	24
SOSBELOW_TIM	TIMESTP	CPSM	8	Last sick/well time	25
SOSMVS_TIM	TIMESTP	CPSM	8	Last sick/well time	48
DUMP_TERMID	CHAR	CPSM	4	Last dump terminal ID	27
DUMP_TRANID	CHAR	CPSM	4	Last dump transaction ID	28
DUMP_USERID	CHAR	CPSM	8	Last dump user ID	29
DUMP_PROGRAM	CHAR	CPSM	8	Last dump abending program	30
DUMP_CODE	CHAR	CPSM	8	Last dump code	31
TRANDUMP_CNT	BINARY	CPSM	4	Last transaction dump use count	32
MAXTASKS	BINARY	INQ	4	Maximum number of active and suspended tasks	34
AMAXTASKS	BINARY	INQ	4	Maximum number of active tasks	35
CURRTASKS	BINARY	INQ	4	Current number of tasks	36
VTAMACB	CVDAS	INQ	4	VTAM ACB open status	37
VTAMACB Output Valid Values	OPEN CLOSED CLOSING IMMCLOSING FORCECLOSING N_A				
IRCSTAT	CVDAS	INQ	4	Interregion communication status	38
IRCSTAT Output Valid Values	OPEN CLOSED CLOSING IMMCLOSING				
CURSTALL3	BIT	CPSM	1	Third stall indicator flag	44
CURSTALL2	BIT	CPSM	1	Second stall indicator flag	45
CURSTALL1	BIT	CPSM	1	First stall indicator flag	46

EMTDQS Resource Table

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

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

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

Length 24
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Notification
Copybook identifier EYUt2474 or EMTDQS

Table 153. EMTDQS resource table attributes

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

EMTERM Resource Table

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

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

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

Length	24
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2534 or EMTERM

Table 154. EMTERM resource table attributes

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

EMTRAN Resource Table

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

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

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

Length 24
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Notification
Copybook identifier EYUt2475 or EMTRAN

Table 155. EMTRAN resource table attributes

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

ENQINGRP Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6167 or ENQINGRP
Valid API operations	GET CREATE and REMOVE

Table 156. ENQINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 157. ENQINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
ENQMGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
ENQMNAME-2	CHAR	CPSM	8	Yes	DIF	Enqueue model definition name	6
ENQMVER-3	BINARY	CPSM	1	Yes	AVG	Enqueue model definition version	7

ENQMDEF Resource Table

A CICS Definition that describes an ENQ/DEQ model.

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

The following actions are supported:

INSTALL

Install an ENQ/DEQ Model Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	376
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3822 or ENQMDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	GET [RESGROUP] [CICSSYS] CREATE [RESGROUP]

API Actions

INSTALL	Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTOGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 158. ENQMDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string terminator
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed
INV_NAME	Invalid name	NOTIFY	Notify

Table 158. ENQMDEF FEEDBACK error codes (continued)

INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid over type	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLEN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Resource table descriptions

Table 159. ENQMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	Enqueue model definition name			7
ENQSCOPE	CHAR	CPSM	4	No	DIF	Enqueue scope name			9
STATUS	CVDAS	CPSM	4	Yes	LIKE	Enqueue status	ENABLED		10
STATUS Input/Output Valid Values	ENABLED DISABLED								
ENQNAME	CHAR	CPSM	255	Yes	DIF	Enqueue resource name			11
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Definition create time			12
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			13
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			14
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			15
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			16

ENQMODEL Resource Table

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

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

The following actions are supported:

DISABLE

Disable an ENQ/DEQ model.

DISCARD

Discard an ENQ/DEQ model.

ENABLE

Enable an ENQ/DEQ model.

These actions require no unique parameter data.

Length	288
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0093 or ENQMODEL
Valid API operations	GET SET and PERFORM

API Actions

DISCARD Discard

Parameters: None

DISABLE Disable

Parameters: None

ENABLE Enable

Parameters: None

Table 160. ENQMODEL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved	
NAME-1	CHAR	INQ	8	DIF		Enqueue model name	1
ENQSCOPE	CHAR	INQ	4	DIF		Enqueue scope name	2
ENQSTATUS	CVDAS	INQ	4	LIKE	yes	Enqueue status	4
ENQSTATUS Input/Output Valid Values	ENABLED DISABLED						
ENQNAME	CHAR	INQ	255	DIF		Enqueue resource name	3

ENQUEUE Resource Table

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

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

There are no object specific actions for this resource class.

Length 168
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Resource
Copybook identifier EYUt0123 or ENQUEUE
Valid API operations GET

Table 161. ENQUEUE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NQGPPOOL-1	CHAR	STAT	8	DIF	Enqueue pool ID	5
NQGTNQSI	BINARY	STAT	4	AVG	Total number of enqueues issued	6
NQGTNQSW	BINARY	STAT	4	AVG	Total number of enqueue requests that waited	7
NQGCNQSW	BINARY	STAT	4	AVG	Number of enqueue requests waiting currently	8
NQGGNQSW	BINARY	STAT	4	AVG	Total sysplex enqueue requests that waited	9
NQGSNQSW	BINARY	STAT	4	AVG	Sysplex enqueue request count waiting currently	10
NQGTNQSR	BINARY	STAT	4	AVG	Total enqueue requests that were retained	11
NQGCNQSR	BINARY	STAT	4	AVG	Number of enqueue requests retained currently	12
NQGTIRJB	BINARY	STAT	4	AVG	Total enqueue requests rejected with ENQBUSY	13
NQGTIRJR	BINARY	STAT	4	AVG	Total enqueue requests rejected ENQ retained	14
NQGTWRJR	BINARY	STAT	4	AVG	Total waiting enqueues rejected ENQ retained	15
NQGTWPOP	BINARY	STAT	4	AVG	Total waiting enqueue requests purged by operator	16
NQGTWPTO	BINARY	STAT	4	AVG	Total waiting enqueue requests purged by timeout	17
NQGTNQWT	INTSTCK	STAT	8	MAX	Total waiting time for enqueue requests	18
NQGCNQWT	INTSTCK	STAT	8	MAX	Waiting time for current waiting enqueue requests	19
NQGGNQWT	INTSTCK	STAT	8	MAX	Total waiting time for sysplex enqueue requests	20
NQGSNQWT	INTSTCK	STAT	8	MAX	Waiting time for current sysplex enqueue requests	21
NQGTNQRT	INTSTCK	STAT	8	MAX	Total retention time for enqueue requests	22
NQGCNQRT	INTSTCK	STAT	8	MAX	Retention time for enqueues retained currently	23
NQGATNQWT	INTSTCK	STAT	8	MAX	Average waiting time for enqueue requests	24
NQGCATNQWT	INTSTCK	STAT	8	MAX	Average waiting time for current waiting enqueues	25
NQGAGNQWT	INTSTCK	STAT	8	MAX	Average waiting time for sysplex enqueue requests	26

Table 161. ENQUEUE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
NQGCAGNQWT	INTSTCK	STAT	8	MAX	Average waiting time for current sysplex enqueues	27
NQGACNQRT	INTSTCK	STAT	8	MAX	Average retention time for enqueue requests	28
NQGCACNQRT	INTSTCK	STAT	8	MAX	Average retention time for current enqueues	29

EPLEXCHG Resource Table

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

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

EPLEXCHG is emitted by a Communications control object when a CICSplex definition is created, updated, or removed.

Length 24
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Notification
Copybook identifier EYUt2480 or EPLEXCHG

Table 162. EPLEXCHG resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
CICSPLEX	CHAR	CPSM	8	CICSplex name	4
INTERVAL	BINARY	CPSM	2	Performance interval	6
ACTION	BINARY	CPSM	1	Status	7
TMEZONEO	BINARY	CPSM	1	Time zone offset	8
TMEZONE	CHAR	CPSM	1	Time zone	9
DAYLGHTSV	EYUDA	CPSM	4	Daylight savings in effect	11
DAYLGHTSV Output Valid Values	YES NO				

ERESSTAT Resource Table

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

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

ERESSTAT is emitted by a Topology control object when a CICS Resource object has an operational state transition. ERESSTAT is only emitted if the MAS is the target of resource status facility status monitoring.

Length 72
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Notification
Copybook identifier EYUt2605 or ERESSTAT

Table 163. ERESSTAT resource table attributes

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

ERMCAIMD Resource Table

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

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

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

Length 32
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Notification
Copybook identifier EYUt2557 or ERMCAIMD

Table 164. ERMCAIMD resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	8	Autoinstalled model name	6
ACTION	CHAR	CPSM	1	Change action	7

ERMCCONN Resource Table

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

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

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

Length	40
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2492 or ERMCCONN

Table 165. ERMCCONN resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	4	Connection name	6
CONNTYPE	EYUDA	CPSM	4	Connection type	7
# CONNTYPE # Output Valid # Values	EXCI LU61 LU62 MRO INDIRECT				
NETNAME	CHAR	INQ	8	Target network name	8
ACTION	CHAR	CPSM	1	Change action	9

ERMCDDB2C Resource Table

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

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

ERMCDDB2C is emitted by a Topology control object when a DB2 connection resource map is changed. The resource that caused the change and the action are described in the notification.

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2621 or ERMCDDB2C

Table 166. ERMCDDB2C resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	8	DB2 connection name	6
ACTION	CHAR	CPSM	1	Change action	7

ERMCDDB2E Resource Table

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

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

ERMCDDB2E is emitted by a Topology control object when a DB2 entry resource map is changed. The resource that caused the change and the action are described in the notification.

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2622 or ERMCDDB2E

Table 167. ERMCDDB2E resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	8	DB2 entry name	6
ACTION	CHAR	CPSM	1	Change action	7

ERMCDDB2T Resource Table

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

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

ERMCDDB2T is emitted by a Topology control object when a DB2 transaction resource map is changed. The resource that caused the change and the action are described in the notification.

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2623 or ERMCDDB2T

Table 168. ERMCDDB2T resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	8	DB2 transaction name	6
ACTION	CHAR	CPSM	1	Change action	7

ERMCDOCT Resource Table

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

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

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

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2631 or ERMCDOCT

Table 169. ERMCDOCT resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	8	Document template name	6
ACTION	CHAR	CPSM	1	Change action	7

ERMCDNSM Resource Table

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

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

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

Length	72
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2585 or ERMCDNSM

Table 170. ERMCDNSM resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	44	Data set name	6
DTYPE	CVDAS	CPSM	4	Data set type	7
DTYPE Output Valid Values	VSAM BDAM				
ACTION	CHAR	CPSM	1	Change action	8

ERMENQM Resource Table

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

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

ERMENQM is emitted by a Topology control object when a ENQ/DEQ resource map is changed. The resource that caused the change and the action are described in the notification.

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2625 or ERMENQM

Table 171. ERMENQM resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	8	Enqueue model name	6
ACTION	CHAR	CPSM	1	Change action	7

ERMCFECO Resource Table

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

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

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

Length	24
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2586 or ERMCFECO

Table 172. ERMCFECO resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	4	FEPI connection name	6
ACTION	CHAR	CPSM	1	Change action	7

ERMCFEND Resource Table

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

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

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

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2558 or ERMCFEND

Table 173. ERMCFEND resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	8	FEPI node name	6
ACTION	CHAR	CPSM	1	Change action	7

ERMCFEPO Resource Table

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

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

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

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2559 or ERMCFEPO

Table 174. ERMCFEPO resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	8	FEPI pool name	6
ACTION	CHAR	CPSM	1	Change action	7

ERMCFETR Resource Table

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

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

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

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2560 or ERMCFETR

Table 175. ERMCFETR resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	8	FEPI target name	6
ACTION	CHAR	CPSM	1	Change action	7

ERMCFILE Resource Table

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

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

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

Length	48
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2493 or ERMCFILE

Table 176. ERMCFILE resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	8	File name	6
FILETYPE	EYUDA	CPSM	4	File type	7
FILETYPE Output Valid Values	LFILE RFILE CTABL UTABL CFTBL				
REMOTENAME	CHAR	CPSM	8	Remote file name	8
REMOTESYSTEM	CHAR	CPSM	4	Remote system name	9
ACTION	CHAR	CPSM	1	Change action	10

ERMCGLUE Resource Table

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

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

ERMCGLUE is emitted by a Topology control object when a global user exit resource map is changed. The resource that caused the change and the action are described in the notification.

Length	40
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2587 or ERMCGLUE

Table 177. ERMCGLUE resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	8	Global user exit program name	6
EXITNAME	CHAR	CPSM	8	Exit point name	7
ACTION	CHAR	CPSM	1	Change action	8

ERMCJRNL Resource Table

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

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

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

Length	24
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2494 or ERM CJRNL

Table 178. ERM CJRNL resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICS Plex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
JRNLTYP	CVDAS	INQ	4	Journal type	6
JRNLTYP Output Valid Values	DISK1 DISK2 DISK2PAUSE SMF TAPE1 TAPE2				
NAME	BINARY	INQ	2	Journal name	7
ACTION	CHAR	CPSM	1	Change action	8

ERMCJRNM Resource Table

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

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

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

Length	24
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2600 or ERMCJRNM

Table 179. ERMCJRNM resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
JRNLTYP	CVDAS	INQ	4	Log stream type	6
JRNLTYP Output Valid Values	MVS SMF DUMMY				
NAME	BINARY	INQ	2	Journal name	7
ACTION	CHAR	CPSM	1	Change action	8

ERMCMODE Resource Table

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

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

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

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2495 or ERMCMODE

Table 180. ERMCMODE resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	INQ	8	Mode name	6
ACTION	CHAR	CPSM	1	Change action	7

ERMCPART Resource Table

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

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

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

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2561 or ERMCPART

Table 181. ERMCPART resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	8	Partner name	6
ACTION	CHAR	CPSM	1	Change action	7

ERMCPGM Resource Table

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

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

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

Length	40
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2496 or ERMCPGM

Table 182. ERMCPGM resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	INQ	8	Program name	6
REMOTENAME	CHAR	INQ	8	Program name in remote system	7
REMOTESYSTEM	CHAR	INQ	4	Remote system name	8
ACTION	CHAR	CPSM	1	Change action	9

ERMCPROF Resource Table

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

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

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

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2562 or ERMCPROF

Table 183. ERMCPROF resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	8	Profile name	6
ACTION	CHAR	CPSM	1	Change action	7

ERMCPRTY Resource Table

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

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

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

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2629 or ERMCPRTY

Table 184. ERMCPRTY resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	8	Process type name	6
ACTION	CHAR	CPSM	1	Change action	7

ERMCRQMD Resource Table

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

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

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

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2626 or ERMCRQMD

Table 185. ERMCRQMD resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	8	Request model name	6
ACTION	CHAR	CPSM	1	Change action	7

ERMCSMDMP Resource Table

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

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

ERMCSMDMP is emitted by a Topology control object when a system dump code resource map is changed. The resource that caused the change and the action are described in the notification.

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2588 or ERMCSMDMP

Table 186. ERMCSMDMP resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	8	System dump code	6
ACTION	CHAR	CPSM	1	Change action	7

ERMCTCPS Resource Table

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

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

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

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2630 or ERMCTCPS

Table 187. ERMCTCPS resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	8	TCP/IP service name	6
ACTION	CHAR	CPSM	1	Change action	7

ERMCTDMP Resource Table

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

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

ERMCTDMP is emitted by a Topology control object when a transaction dump code resource map is changed. The resource that caused the change and the action are described in the notification.

Length	24
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2589 or ERMCTDMP

Table 188. ERMCTDMP resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	4	Transaction dump code	6
ACTION	CHAR	CPSM	1	Change action	7

ERMCTDQ Resource Table

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

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

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

Length	40
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2497 or ERMCTDQ

Table 189. ERMCTDQ resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	INQ	4	TD queue name	6
TDQTYPE	CVDAS	INQ	4	TD queue type	7
TDQTYPE Output Valid Values	INTRA EXTRA REMOTE INDIRECT				
REMOTENAME	CHAR	INQ	4	TD queue name in remote system	8
REMOTESYSTEM	CHAR	INQ	4	Remote system name	9
ACTION	CHAR	CPSM	1	Change action	10

ERMCTERM Resource Table

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

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

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

Length	24
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2498 or ERMCTERM

Table 190. ERMCTERM resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	INQ	4	Terminal name	6
ACTION	CHAR	CPSM	1	Change action	7

ERMCTTRAN Resource Table

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

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

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

Length	40
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2499 or ERMCTTRAN

Table 191. ERMCTTRAN resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	INQ	4	Transaction ID	6
TRANSTYPE	EYUDA	CPSM	4	Transaction type	7
TRANSTYPE Output Valid Values	LTRAN RTRAN				
REMOTENAME	CHAR	INQ	8	Remote transaction ID	8
REMOTESYSTEM	CHAR	INQ	4	Remote system name	9
ACTION	CHAR	CPSM	1	Change action	10

ERMCTRUE Resource Table

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

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

ERMCTRUE is emitted by a Topology control object when a task-related user exit resource map is changed. The resource that caused the change and the action are described in the notification.

Length	40
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2590 or ERMCTRUE

Table 192. ERMCTRUE resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	8	Task-related user exit program name	6
ENTRYNME	CHAR	CPSM	8	Entry Name	8
ACTION	CHAR	CPSM	1	Change action	7

ERMCTSMD Resource Table

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

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

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

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2624 or ERMCTSMD

Table 193. ERMCTSMD resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
CSYSNAME	CHAR	CPSM	8	CICS system name	5
NAME	CHAR	CPSM	8	TS model name	6
ACTION	CHAR	CPSM	1	Change action	7

ERMMCONN Resource Table

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

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

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

Length	16
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2500 or ERMMCONN

Table 194. ERMMCONN resource table attributes

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

ERMMFILE Resource Table

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

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

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

Length	16
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2501 or ERMMFILE

Table 195. ERMMFILE resource table attributes

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

ERMMJRNL Resource Table

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

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

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

Length 16
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Notification
Copybook identifier EYUt2502 or ERMMJRNL

Table 196. ERMMJRNL resource table attributes

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

ERMMPRGM Resource Table

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

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

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

Length	16
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2503 or ERMMPRGM

Table 197. ERMMPRGM resource table attributes

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

ERMMTDQ Resource Table

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

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

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

Length 16
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Notification
Copybook identifier EYUt2504 or ERMMTDQ

Table 198. ERMMTDQ resource table attributes

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

ERMMTERM Resource Table

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

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

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

Length	16
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2505 or ERMMTERM

Table 199. ERMMTERM resource table attributes

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

ERMMTRAN Resource Table

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

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

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

Length	16
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2506 or ERMMTRAN

Table 200. ERMMTRAN resource table attributes

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

ESGRPCHG Resource Table

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

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

ESGRPCHG is emitted by a Topology control object when a CICS system group definition is created or removed, or the associated linkage objects are updated. For associator changes, an instance of this notification is created for each CICS system processed.

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Notification
Copybook identifier	EYUt2479 or ESGRPCHG

Table 201. ESGRPCHG resource table attributes

Name	Datatype	Source	Len	Description	Attr ID
PLEXNAME	CHAR	CPSM	8	CICSplex name	4
SGRPNAME	CHAR	CPSM	8	System group name	5
CSYSNAME	CHAR	CPSM	8	CICS system name	6
ACTION	BINARY	CPSM	1	Status	7

EVALDEF Resource Table

A CPSM Real Time Analysis Definition that describes the controls used to perform an evaluation of a CICS resource, or MAS, or EVENT object.

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

Length	1408
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt2808 or EVALDEF
Valid API operations	GET CREATE UPDATE and REMOVE

Table 202. EVALDEF FEEDBACK error codes

Code	Description	Code	Description
INV_ATTR	Attribute does not exist or is not settable	INV_TERM	Terminator missing from end of string
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_RESTYPE	Invalid resource type	REC_NOT_FOUND	Requested resource not found

Table 203. EVALDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
SEPTASK	EYUDA	CPSM	4	Yes	LIKE	Separate task indicator	NO		4
SEPTASK Input/Output Valid Values	YES NO								
NAME-1	CHAR	CPSM	8	Yes	DIF	Evaluation definition name			5
SAMPLE	BINARY	CPSM	4	Yes	AVG	Sample interval	300	1-86400	6
EVALTYPE	EYUDA	CPSM	4	Yes	LIKE	Evaluation type			7
EVALTYPE Input/Output Valid Values	VALUE THRESHOLD								
SETACTION	EYUDA	CPSM	4	Yes	LIKE	Method of evaluating results in result set			8
SETACTION Input/Output Valid Values	ALL ANY SUM MIN MAX AVG CNT								
EVALOPER	EYUDA	CPSM	4	Yes	LIKE	Evaluation logical operator	N_A		9
EVALOPER Input/Output Valid Values	N_A EQ NE LT GT LE GE								
SEVERITY	EYUDA	CPSM	4	Yes	LIKE	Severity assigned when result meets criteria	N_A		11
SEVERITY Input/Output Valid Values	N_A VLS LS LW HW HS VHS								
VLSDATA	CHAR	CPSM	12	Yes	DIF	Upper bound of range for VLS			13
LSDATA	CHAR	CPSM	12	Yes	DIF	Upper bound of range for LS			15
LWDATA	CHAR	CPSM	12	Yes	DIF	Upper bound of range for LW			17
HWDATA	CHAR	CPSM	12	Yes	DIF	Lower bound of range for HW			19
HSDATA	CHAR	CPSM	12	Yes	DIF	Lower bound of range for HS			21
VHSDATA	CHAR	CPSM	12	Yes	DIF	Lower bound of range for VHS			23
VIEW	CHAR	CPSM	8	No	DIF	Name of a view that may provide extra information			24

Resource table descriptions

Table 203. EVALDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
TABLE	CHAR	CPSM	8	Yes	DIF	Resource table name			25
EVALCOL	CHAR	CPSM	12	Yes	DIF	Name of field being evaluated			27
DESC	CHAR	CPSM	58	No	DIF	Description			29
INSTANCE	CHAR	CPSM	44	Yes	DIF	Instance identifier of evaluated resource			31
EVALDATA	CHAR	CPSM	44	Yes	DIF	Evaluation data value			33
FILTER	CHAR	CPSM	800	No	DIF	Filter string			37
OPRSTRING	CHAR	CPSM	320	No	DIF	Modification string			39

EVENTDTL Resource Table

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

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

There are no object specific actions for this resource class.

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

Length	384
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2520 or EVENTDTL
Valid API operations	GET

Table 204. EVENTDTL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-7	CHAR	CPSM	8	DIF	Name of associated evaluation definition	4
EVENT-2	CHAR	CPSM	8	DIF	Associated event name	5
TARGET-3	CHAR	CPSM	8	DIF	Name of CICS system or group that is target of evaluation	6
STATE	EYUDA	CPSM	4	LIKE	Result of evaluation	7
STATE Output Valid Values	TRUE FALSE					
SEVERITY	EYUDA	CPSM	4	LIKE	Current severity	8
SEVERITY Output Valid Values	VLS LS LW NM HW HS VHS					
EVALTYPE	EYUDA	CPSM	4	LIKE	Evaluation type	9
EVALTYPE Output Valid Values	VALUE THRESHOLD					
EVALOPER	EYUDA	CPSM	4	LIKE	Evaluation logical operator	10
EVALOPER Output Valid Values	EQ NE LT GT LE GE					

Resource table descriptions

Table 204. EVENTDTL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
SETACTION	EYUDA	CPSM	4	LIKE	Result set evaluation type	15
SETACTION Output Valid Values	ALL ANY SUM MIN MAX AVG CNT					
RATE	BINARY	CPSM	4	AVG	Evaluation interval (seconds)	16
VLSDATA	CHAR	CPSM	12	DIF	Lower boundary for severity of VLS	17
LSDATA	CHAR	CPSM	12	DIF	Lower boundary for severity of LS	18
LWDATA	CHAR	CPSM	12	DIF	Lower boundary for severity of LW	19
HWDATA	CHAR	CPSM	12	DIF	Lower boundary for severity of HW	20
HSDATA	CHAR	CPSM	12	DIF	Lower boundary for severity of HS	21
VHSDATA	CHAR	CPSM	12	DIF	Lower boundary for severity of VHS	22
EDEFTIME	DATETIME	CPSM	8	MAX	Date and time when evaluation definition created	23
DATETIME	DATETIME	CPSM	8	MAX	Date and time when evaluation was last true	24
TABLE	CHAR	CPSM	8	DIF	Resource table name	25
INSTANCE	CHAR	CPSM	44	DIF	Name of resource being evaluated	26
EVALCOL	CHAR	CPSM	12	DIF	Name of field being evaluated	27
EVALDATA	TEXT	CPSM	44	DIF	Evaluation data value	29
CURRDATA	TEXT	CPSM	44	DIF	Actual data value at last evaluation	31
VIEW	CHAR	CPSM	8	DIF	Name of a view that may provide extra information	32
RESTYPE	CHAR	CPSM	8	DIF	Resource type	33
KEY	CHAR	CPSM	44	DIF	Identifier of specific resource that caused event	34
CONTEXT-1	CHAR	CPSM	8	DIF	Context	35
EVNTSEV-4	EYUDA	CPSM	4	LIKE	Event severity	36
EVNTSEV-4 Output Valid Values	VLS LS LW NM HW HS VHS					
PRIORITY-5	BINARY	CPSM	1	AVG	Event priority	37
SEQUENCE-6	BINARY	CPSM	4	AVG	Event sequence number	38

EVENT Resource Table

A CPSM Real Time Analysis Manager object that describes an outstanding condition reported by an RTA service. The EVENT instance can be generated as a result of SAM, APM, or MRM processing. The type and mode of the condition are described in the instance.

For APM and MRM generated EVENTS, the name of the instance is the name of the RTADEF or STATDEF that was found to be TRUE.

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

There are no object specific actions for this resource class.

The internal creation or updating of an EVENT object is always noted by an EACTNTFN notification. By registering interest in this notification, EVENT objects need not be polled to see if changes have occurred.

Length	320
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2519 or EVENT
Valid API operations	GET

Table 205. EVENT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-2	CHAR	CPSM	8	DIF	Event name	4
TARGET-3	CHAR	CPSM	8	DIF	Current event target	5
SEVERITY-4	EYUDA	CPSM	4	LIKE	Event severity	6
SEVERITY-4 Output Valid Values	VLS LS LW HW HS VHS					
EVALTYPE	EYUDA	CPSM	4	LIKE	Event type	7
EVALTYPE Output Valid Values	SAM APM MRM					
DETAIL	EYUDA	CPSM	4	LIKE	Detailed information availability	8
DETAIL Output Valid Values	YES NO					
GENEXTMSG	EYUDA	CPSM	4	LIKE	External message generation	9
GENEXTMSG Output Valid Values	YES NO					

Resource table descriptions

Table 205. EVENT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
GENALERT	EYUDA	CPSM	4	LIKE	SNA generic alert generation	10
GENALERT Output Valid Values	YES NO					
RATE	BINARY	CPSM	4	AVG	Interval between evaluations	11
VLSENTRY	BINARY	CPSM	4	AVG	Evaluation count with VLS true before event	12
LSSENTRY	BINARY	CPSM	4	AVG	Evaluation count with LS true before event	13
LWSENTRY	BINARY	CPSM	4	AVG	Evaluation count with LW true before event	14
HWSENTRY	BINARY	CPSM	4	AVG	Evaluation count with HW true before event	15
HSSENTRY	BINARY	CPSM	4	AVG	Evaluation count with HS true before event	16
VHSENTRY	BINARY	CPSM	4	AVG	Evaluation count with VHS true before event	17
VLSEXIT	BINARY	CPSM	4	AVG	Evaluation count with VLS false before resolution	18
LSEXIT	BINARY	CPSM	4	AVG	Evaluation count with LS false before resolution	19
LWEXIT	BINARY	CPSM	4	AVG	Evaluation count with LW false before resolution	20
HWEXIT	BINARY	CPSM	4	AVG	Evaluation count with HW false before resolution	21
HSEXIT	BINARY	CPSM	4	AVG	Evaluation count with HS false before resolution	22
VHSEXIT	BINARY	CPSM	4	AVG	Evaluation count with VHS false before resolution	23
CURVLSSENTRY	BINARY	CPSM	4	AVG	Current VLS true evaluation count	24
CURLSENTRY	BINARY	CPSM	4	AVG	Current LS true evaluation count	25
CURLWSENTRY	BINARY	CPSM	4	AVG	Current LW true evaluation count	26
CURHWSENTRY	BINARY	CPSM	4	AVG	Current HW true evaluation count	27
CURHSENTRY	BINARY	CPSM	4	AVG	Current HS true evaluation count	28
CURVHSENTRY	BINARY	CPSM	4	AVG	Current VHS true evaluation count	29
CURVLSEXIT	BINARY	CPSM	4	AVG	Current VLS false evaluation count	30
CURLSEXIT	BINARY	CPSM	4	AVG	Current LS false evaluation count	31
CURLWEXIT	BINARY	CPSM	4	AVG	Current LW false evaluation count	32
CURHWEXIT	BINARY	CPSM	4	AVG	Current HW false evaluation count	33
CURHSEXIT	BINARY	CPSM	4	AVG	Current HS false evaluation count	34
CURVHSEXIT	BINARY	CPSM	4	AVG	Current VHS false evaluation count	35
NETVIEW	CHAR	CPSM	8	DIF	CMAS to which Netview attached	36
DATETIME	DATETIME	CPSM	8	MAX	Date and time when event was created	37
CMAS	CHAR	CPSM	8	DIF	CMAS in which event was raised	38
ACTION	CHAR	CPSM	8	DIF	Action name	39
VIEW	CHAR	CPSM	8	DIF	Associated view that provides extra information	40
PRIORITY-5	BINARY	CPSM	1	AVG	Event priority	41
DESC	CHAR	CPSM	58	DIF	Event description	42
SEQUENCE-6	BINARY	CPSM	4	AVG	Event sequence number	43
RESTYPE	CHAR	CPSM	8	DIF	Resource type	44
KEY	CHAR	CPSM	44	DIF	Name of specific resource that caused event	45
CONTEXT-1	CHAR	CPSM	8	DIF	Name of context to which event applies	46

EXCI Resource Table

A CICS resource that identifies CICS tasks that have entered CICS via the External
CICS Interface (EXCI) protocol.

The primary key for this resource class is LUWID.

There are no object specific actions for this resource class.

Length 88

Usage API or EVALDEF

API view Yes

CMAS context No

SCOPE applies Yes

Only query CMASs in workload

No

Object type CICS Resource

Copybook identifier EYUt0168 or EXCI

Valid API operations GET

Table 206. EXCI resource table attributes

#	Name	Datatype	Source	Len	Sum	Description	Attr ID
#	EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
#	EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
#	EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
#	TASK-2	DECIMAL	INQ	4	DIF	Task number	1
#	LUWID-1	CHAR	INQ	35	DIF	EXCI client identifier	2
#	RRMSURID	HEX	CPSM	16	DIF	RRMS/MVS unit of recovery identifier	3

#

EXITGLUE Resource Table

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

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

There are no object specific actions for this resource class.

Length 64
Usage API
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Resource
Copybook identifier EYUt0056 or EXITGLUE
Valid API operations GET

Table 207. EXITGLUE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
PROGRAM-1	CHAR	INQ	8	DIF	Program name	1
EXITPOINT-2	CHAR	INQ	8	DIF	Exit name	2
ENTRYNAME	CHAR	INQ	8	DIF	Entry name	3
GAENTRYNAME	CHAR	INQ	8	DIF	Name of exit which owns global work area	4
STARTSTATUS	CVDAS	INQ	4	LIKE	Exit program availability status	5
STARTSTATUS Output Valid Values	STARTED STOPPED					
GAUSECOUNT	BINARY	INQ	4	AVG	Number of global work area users	6
GALENGTH	BINARY	INQ	2	AVG	Length of global work area	7
NUMEXITS	BINARY	INQ	2	AVG	Number of global exit points where exit is enabled	8
ENTRY	ADDRESS	INQ	4	MAX	Entry address of global user exit	9

EXITTRUE Resource Table

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

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

There are no object specific actions for this resource class.

Length	104
Usage	API
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0055 or EXITTRUE
Valid API operations	GET

Resource table descriptions

Table 208. EXITTRUE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID	
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved			
PROGRAM-1	CHAR	INQ	8	DIF	Program name		1	
ENTRYNAME-2	CHAR	INQ	8	DIF	Entry name		2	
GAENTRYNAME	CHAR	INQ	8	DIF	Name of exit owning global work area		3	
FORMATEDFST	CVDAS	INQ	4	LIKE	Format execution diagnostic facility (EDF) status		4	
FORMATEDFST Output Valid Values	FORMATEDF NOFORMATEDF NOTAPPLIC							
SHUTDOWNST	CVDAS	INQ	4	LIKE	Exit CICS shutdown status		5	
SHUTDOWNST Output Valid Values	SHUTDOWN NOSHDOWN NOTAPPLIC							
STARTSTATUS	CVDAS	INQ	4	LIKE	Exit program availability status		6	
STARTSTATUS Output Valid Values	STARTED STOPPED							
TASKSTART	CVDAS	INQ	4	LIKE	Start and end of task invocation status		7	
TASKSTART Output Valid Values	TASKSTART NOTASKSTART NOTAPPLIC							
GAUSECOUNT	BINARY	INQ	4	AVG	Number of work area users		8	
GALENGTH	BINARY	INQ	2	AVG	Length of global work area		9	
TALENGTH	BINARY	INQ	2	AVG	Length of local work area		10	
ENTRY	ADDRESS	INQ	4	MAX	Entry-point address of task related user exit		11	
CONNECTST	CVDAS	INQ	4	LIKE	Connect status		12	

Table 208. EXITTRUE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID	
CONNECTST Output Valid Values	CONNECTED NOTCONNECTED UNKNOWN NOTAPPLIC							
INDOUBTST	CVDAS	INQ	4	LIKE	INDOUBTWAIT enabled status		13	
INDOUBTST Output Valid Values	WAIT NOWAIT NOTAPPLIC							
QUALIFIER	CHAR	INQ	8	DIF	SPI qualifier		14	
SPIST	CVDAS	INQ	4	LIKE	Exit-enabled-for-(SPI) calls option		15	
SPIST Output Valid Values	SPI NOSPI NOTAPPLIC							
CONCURRENTST	CVDAS	INQ	4	LIKE	Concurrency type		16	
CONCURRENTST Output Valid Values	QUASIRENT THREADSAFE NOTAPPLIC							
APIST	CVDAS	INQ	4	LIKE	Open API status		17	
APIST Output Valid Values	OPENAPI BASEAPI NOTAPPLIC							
PURGEABLEST	CVDAS	INQ	4	LIKE	Purgeable status	E530	18	
PURGEABLEST Output Valid Values	PURGEABLE NOTPURGEABLE NOTAPPLIC							

EXTGLORD Resource Table

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

The EXITPOSITION key field shows the time order in which the exits were enabled for the EXITPOINT.

There are no object specific actions for this resource class.

Length 80
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Resource
Copybook identifier EYUt0140 or EXTGLORD
Valid API operations GET

Table 209. EXTGLORD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
EXITPOINT-1	CHAR	INQ	8	DIF	Exit name	1
EXITPOSITION-2	BINARY	CPSM	4	AVG	Exit position	2
PROGRAM-3	CHAR	INQ	8	DIF	Program name	3
ENTRYNAME	CHAR	INQ	8	DIF	Entry name	4
GAENTRYNAME	CHAR	INQ	8	DIF	Name of exit which owns global work area	5
STARTSTATUS	CVDAS	INQ	4	LIKE	Exit program availability status	6
STARTSTATUS Output Valid Values	STARTED STOPPED					
GAUSECOUNT	BINARY	INQ	4	AVG	Number of global work area users	7
GALENGTH	BINARY	INQ	2	AVG	Length of global work area	8
NUMEXITS	BINARY	INQ	2	AVG	Number of global exit points where exit is enabled	9
ENTRY	ADDRESS	INQ	4	MAX	Entry address of global user exit	10
USECOUNT	BINARY	INQ	4	AVG	Program use count	11
CONCURRENTST	CVDAS	INQ	4	LIKE	Concurrency status	12
CONCURRENTST Output Valid Values	QUASIRENT THREADSAFE					

EXTRATDQ Resource Table

A CICS Resource that describes an extrapartition transient data queue in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

CLOSE

Close the destination data set.

DISABLE

Disable the destination.

DISCARD

Discard a disabled and closed destination.

ENABLE

Enable the destination.

OPEN

Open the destination data set.

These actions require no unique parameter data.

Length	144
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0026 or EXTRATDQ
Valid API operations	GET SET and PERFORM

API Actions

DISCARD	Discard
	Parameters: None
CLOSE	Close
	Parameters: None
DISABLE	Disable
	Parameters: None
ENABLE	Enable
	Parameters: None
OPEN	Open
	Parameters: None

Resource table descriptions

Table 210. EXTRATDQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved			
TDQUEUE-1	CHAR	INQ	4	DIF		Queue ID			1
BLOCKFORMAT	CVDAS	INQ	4	LIKE		Block format			2
BLOCKFORMAT Output Valid Values	BLOCKED UNBLOCKED NOTAPPLIC								
EMPTYSTATUS	CVDAS	INQ	4	LIKE		Empty status			3
EMPTYSTATUS Output Valid Values	FULL EMPTY NOTEMPTY NOTAPPLIC								
ENABLESTATUS	CVDAS	INQ	4	LIKE	yes	Enabled status			4
ENABLESTATUS Input/Output Valid Values	ENABLED DISABLED								
ENABLESTATUS Output Valid Values	NOTAPPLIC								
IOTYPE	CVDAS	INQ	4	LIKE		I/O type			5
IOTYPE Output Valid Values	INPUT OUTPUT RDBACK NOTAPPLIC								
OPENSTATUS	CVDAS	INQ	4	LIKE	yes	Open status			6
OPENSTATUS Input/Output Valid Values	OPEN CLOSED								
OPENSTATUS Output Valid Values	OPENING CLOSING SWITCHING NOTAPPLIC								
PRINTCONTROL	CVDAS	INQ	4	LIKE		Print control type			7

Table 2.10. EXTRATDQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
PRINTCONTROL Output Valid Values	ASACTL MCHCTL NOCTL NOTAPPLIC								
RECORDFORMAT	CVDAS	INQ	4	LIKE		Record format			8
RECORDFORMAT Output Valid Values	FIXED VARIABLE NOTAPPLIC								
RECORDLENGTH	CODEDBIN	INQ	4	AVG		Record length (bytes)			9
OUTCNT	BINARY	STAT	4	AVG		Number of READ and WRITE requests			10
DDNAME	CHAR	INQ	8	DIF		DD name on JCL statement defining data set			11
DSNAME	CHAR	INQ	44	DIF		Name of data set			12
DISPOSITION	CVDAS	INQ	4	LIKE		Data set disposition			13
DISPOSITION Output Valid Values	MOD OLD SHARE								
ERROROPTION	CVDAS	INQ	4	LIKE		CICS action for I/O error			14
ERROROPTION Output Valid Values	IGNORERR SKIP								
REWIND	CVDAS	INQ	4	LIKE		Rewind action when data set on tape closed			15
REWIND Output Valid Values	LEAVE REREAD								
BLOCKSIZE	BINARY	INQ	4	AVG		Block length (bytes)			16
DATABUFFERS	BINARY	INQ	4	AVG		Number of data buffers to be used			17
SYSOUTCLASS	CHAR	INQ	1	DIF		SYSOUT class if spool file			18
MEMBER	CHAR	INQ	8	DIF		Member name			19

FEEDBACK Resource Table

A MetaData resource that provides extended diagnostic data for an API command that encountered an error.

There is no key field for this resource class.

There are no object specific actions for this resource class.

Length 248
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Metadata
Copybook identifier EYUt2601 or FEEDBACK

Table 211. FEEDBACK resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
COMMAND	BINARY	CPSM	1	N/A	Command code	4
ATTRDATAVAL	CHAR	CPSM	1	N/A	Attribute data available	5
CEIBDATAVAL	CHAR	CPSM	1	N/A	EIB data available	6
ERRCODEVAL	CHAR	CPSM	1	N/A	Error code value available	7
RESPONSE	BINARY	CPSM	4	N/A	Command response	8
REASON	BINARY	CPSM	4	N/A	Command reason	9
ERROR_CODE	BINARY	CPSM	4	N/A	Error code	10
CEIBRESP	BINARY	CPSM	4	N/A	RESP response from CICS	11
CEIBRESP1	BINARY	CPSM	4	N/A	RESP2 response from CICS	12
CEIBFN	HEX	CPSM	4	MIN	EIBFN response from CICS	13
OBJECT	CHAR	CPSM	8	N/A	Name of object	14
OBJECT_ACT	CHAR	CPSM	12	N/A	Action performed	15
ATTR_NM1	CHAR	CPSM	12	N/A	Attribute name	16
ATTR_OFF1	BINARY	CPSM	2	N/A	Attribute offset	17
ATTR_DTYP1	BINARY	CPSM	1	N/A	Attribute datatype	18
ATTR_RID1	BINARY	CPSM	1	N/A	Attribute relative ID	19
ATTR_LEN1	BINARY	CPSM	2	N/A	Attribute length	20
ATTR_NM2	CHAR	CPSM	12	N/A	Attribute name	21
ATTR_OFF2	BINARY	CPSM	2	N/A	Attribute offset	22
ATTR_DTYP2	BINARY	CPSM	1	N/A	Attribute datatype	23
ATTR_RID2	BINARY	CPSM	1	N/A	Attribute relative ID	24
ATTR_LEN2	BINARY	CPSM	2	N/A	Attribute length	25
ATTR_NM3	CHAR	CPSM	12	N/A	Attribute name	26
ATTR_OFF3	BINARY	CPSM	2	N/A	Attribute offset	27
ATTR_DTYP3	BINARY	CPSM	1	N/A	Attribute datatype	28
ATTR_RID3	BINARY	CPSM	1	N/A	Attribute relative ID	29

Table 211. FEEDBACK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
ATTR_LEN3	BINARY	CPSM	2	N/A	Attribute length	30
ATTR_NM4	CHAR	CPSM	12	N/A	Attribute name	31
ATTR_OFF4	BINARY	CPSM	2	N/A	Attribute offset	32
ATTR_DTYP4	BINARY	CPSM	1	N/A	Attribute datatype	33
ATTR_RID4	BINARY	CPSM	1	N/A	Attribute relative ID	34
ATTR_LEN4	BINARY	CPSM	2	N/A	Attribute length	35
ATTR_NM5	CHAR	CPSM	12	N/A	Attribute name	36
ATTR_OFF5	BINARY	CPSM	2	N/A	Attribute offset	37
ATTR_DTYP5	BINARY	CPSM	1	N/A	Attribute datatype	38
ATTR_RID5	BINARY	CPSM	1	N/A	Attribute relative ID	39
ATTR_LEN5	BINARY	CPSM	2	N/A	Attribute length	40
RSRVED01	BINARY	CPSM	2	N/A	Reserved Area	41
RSLTRECID	BINARY	CPSM	4	N/A	Result set record ID	42
DIAGNOSTIC	BINARY	CPSM	32	N/A	Internal diagnostic data	43
ERR_RESULT	BINARY	CPSM	4	N/A	Error result token	44
ERR_COUNT	BINARY	CPSM	4	N/A	Error result count	45
ERR_OBJECT	CHAR	CPSM	8	N/A	Feedback error object name	47
ATTR_NM6	CHAR	CPSM	12	N/A	Attribute name	48
ATTR_OFF6	BINARY	CPSM	2	N/A	Attribute offset	49
ATTR_DTYP6	BINARY	CPSM	1	N/A	Attribute datatype	50
ATTR_RID6	BINARY	CPSM	1	N/A	Attribute relative ID	51
ATTR_LEN6	BINARY	CPSM	2	N/A	Attribute length	52
EXPAND	CHAR	CPSM	34	N/A	Reserved for expansion	46

FENODDEF Resource Table

A CICS Definition that describes a FEPI Node.

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

The following actions are supported:

INSTALL

Install a FEPI Node Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	1144
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3829 or FENODDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	GET [CICSSYS] [RESGROUP] CREATE [RESGROUP]

API Actions

INSTALL	Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTOGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 212. FENODDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string terminator
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed
INV_NAME	Invalid name	NOTIFY	Notify

Table 212. FENODDEF FEEDBACK error codes (continued)

INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid over type	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLEN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Resource table descriptions

Table 213. FENODDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	Node definition name			7
CREATETIME	DATE TIME	CPSM	8	Yes	MAX	Definition create time			9
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			10
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			11
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			12
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			13
ACQSTATUS	CVDAS	CPSM	4	Yes	LIKE	Acquired status	ACQUIRED		15
ACQSTATUS Input/Output Valid Values	ACQUIRED RELEASED								
SERVSTATUS	CVDAS	CPSM	4	Yes	LIKE	Node service status	INSERVICE		16
SERVSTATUS Input/Output Valid Values	INSERVICE OUTSERVICE								
PASSWORDS	CHAR	CPSM	512	Yes	DIF	Password list			17
NODELIST	CHAR	CPSM	512	Yes	DIF	Node list			18

FEPICONN Resource Table

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

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

The following actions are supported:

ACQUIRE

Acquire the FEPI connection.

INSERVICE

Place the FEPI connection in service.

OUTSERVICE

Place the FEPI connection out of service.

RELEASE

Release the FEPI connection.

These actions require no unique parameter data.

Length	160
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0057 or FEPICONN
Valid API operations	GET SET and PERFORM

API Actions

ACQUIRE	Acquire
	Parameters: None
INSERVICE	Set to In Service
	Parameters: None
OUTSERVICE	Set to Out of Service
	Parameters: None
RELEASE	Release
	Parameters: None

Resource table descriptions

Table 214. FEPICONN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved		
TARGETNAME-1	CHAR	INQ	8	DIF		Target name		1
NODENAME-2	CHAR	INQ	8	DIF		Node name		2
POOLNAME	CHAR	STAT	8	DIF		Pool name		3
ACQUIRES	BINARY	STAT	4	AVG		Number of acquires		4
CONVERSATNS	BINARY	STAT	4	AVG		Number of conversations		5
UNSOLICINP	BINARY	STAT	4	AVG		Number of unsolicited inputs		6
CHARSSENT	BINARY	STAT	4	AVG		Number of characters sent		7
CHARSRECVD	BINARY	STAT	4	AVG		Number of characters received		8
RECVTIMEOUT	BINARY	STAT	4	AVG		Number of receive timeouts		9
ERRORS	BINARY	STAT	4	AVG		Number of error conditions		10
ACQSTATUS	CVDAS	INQ	4	LIKE	yes	Acquired status		11
ACQSTATUS Input/Output Valid Values	ACQUIRED RELEASED							
ACQSTATUS Output Valid Values	ACQUIRING RELEASING							
INSTLSTATUS	CVDAS	INQ	4	LIKE		Connections install status		12
INSTLSTATUS Output Valid Values	INSTALLED NOTINSTALLED							
LASTACQCODE	BINARY	INQ	4	AVG		Sense code from last REQSESS request		13
SERVSTATUS	CVDAS	INQ	4	LIKE	yes	Connection service status		14
SERVSTATUS Input/Output Valid Values	INSERVICE OUTSERVICE							

Table 214. FEPICONN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SERVSTATUS Output Valid Values	GOINGOUT							
STATE	CVDAS	INQ	4	LIKE		Conversation status		15
STATE Output Valid Values	NOCONV PENDSTSN STSN PENDBEGIN BEGINSSESSION APPLICATION PENDDATA PENDSTART PENDFREE FREE PENDRELEASE RELEASE PENDUNSOL UNSOLDATA PENDPASS							
WAITCONVNUM	BINARY	INQ	4	AVG		Number of conversations waiting for connection		16
USERDATA	HEX	INQ	64	MIN	yes	User data for connection		17

FEPINODE Resource Table

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

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

The following actions are supported:

ACQUIRE

Acquire the FEPI node.

DISCARD

Discard the FEPI node.

INSERVICE

Place the FEPI node in service.

OUTSERVICE

Place the FEPI node out of service.

RELEASE

Release the FEPI node.

Length 112
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Resource
Copybook identifier EYUt0061 or FEPINODE
Valid API operations GET SET and PERFORM

API Actions

ACQUIRE Acquire
Parameters: None

DISCARD Discard
Parameters: None

INSERVICE Set to In Service
Parameters: None

OUTSERVICE Set to Out of Service
Parameters: None

RELEASE Release
Parameters: None

Table 215. FEPINODE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved	
NODENAME-1	CHAR	INQ	8	DIF		Node name	1
ACQNUM	BINARY	INQ	4	AVG		Number of node acquires	2

Table 215. FEPINODE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ACQSTATUS	CVDAS	INQ	4	LIKE	yes	Acquired status	3
ACQSTATUS Input/Output Valid Values	ACQUIRED RELEASED						
ACQSTATUS Output Valid Values	ACQUIRING RELEASING						
INSTLSTATUS	CVDAS	INQ	4	LIKE		Node install status	4
INSTLSTATUS Output Valid Values	INSTALLED NOTINSTALLED						
LASTACQCODE	BINARY	INQ	4	AVG		Sense code from last REQSESS request	5
SERVSTATUS	CVDAS	INQ	4	LIKE	yes	Node service status	6
SERVSTATUS Input/Output Valid Values	INSERVICE OUTSERVICE						
SERVSTATUS Output Valid Values	GOINGOUT						
USERDATA	CHAR	INQ	64	DIF	yes	User data for node	7

FEPIPOOL Resource Table

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

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

The following actions are supported:

ADD Add nodes and targets to a FEPI pool.

The parameter data for the ADD action is:

```
PARM('NODES(node,...) TARGETS(trgt,...)
      <ACQSTATUS(cvda1)> <SERVSTATUS(cvda2)>.'
```

where:

node is required and must be one or more 1- to 8-character FEPI node names.

target is required and must be one or more 1- to 8-character FEPI target names.

cvda1 is one of the following valid CVDA values for FEPI acquire status:

ACQUIRED

RELEASED

cvda2 is one of the following valid CVDA values for FEPI service status:

INSERVICE

OUTSERVICE

Note: The number of values for the NODES() and TARGETS() parameters must be the same.

DELETE

Delete nodes and targets from a FEPI pool.

The parameter data for the DELETE action is:

```
PARM('NODES(node,...) TARGETS(trgt,...)
      <POOL(pool)>.'
```

where:

node = (Required) One or more 1- to 8-character FEPI node names.

trgt = (Required) One or more 1- to 8-character FEPI target names.

pool = 1- to 8-character FEPI pool name.

Note: The number of values for the NODES() and TARGETS() parameters must be the same.

DISCARD

Discard a FEPI pool.

INSERVICE

Place a FEPI pool in service.

OUTSERVICE

Place a FEPI pool out of service.

Length	208
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes

Only query CMASs in workload

Object type No
Copybook identifier CICS Resource
Valid API operations EYUt0058 or FEPIPOOL
 GET SET and PERFORM

API Actions

ADD Add
 PARM(' [ACQSTATUS(*value*)]
 [SERVSTATUS(*value*)] NODES TARGETS .')

DELETE Delete
 PARM(' NODES TARGETS [POOL(*value*)] .')

DISCARD Discard
Parameters: None

INSERVICE Set to In Service
Parameters: None

OUTSERVICE Set to Out of Service
Parameters: None

Resource table descriptions

Table 216. FEIPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved		
POOLNAME-1	CHAR	INQ	8	DIF		Pool name		1
TARGETS	BINARY	STAT	4	AVG		Number of targets		2
NODES	BINARY	STAT	4	AVG		Number of nodes		3
CONNECTIONS	BINARY	STAT	4	AVG		Number of connections		4
PEAKCONNS	BINARY	STAT	4	AVG		Peak number of connections		5
CURALLCS	BINARY	STAT	4	AVG		Current number of allocates		6
PEAKALLCS	BINARY	STAT	4	AVG		Peak number of concurrent allocates		7
CURALLCWAIT	BINARY	STAT	4	AVG		Current number of allocates waiting		8
PEAKALLCWAIT	BINARY	STAT	4	AVG		Peak number of allocates waiting		9
TOTALLOCWAIT	BINARY	STAT	4	AVG		Total number of allocates that waited		10
TOTALLOCTOUT	BINARY	STAT	4	AVG		Total number of allocates that timed out		11
BEGINSESSION	CHAR	INQ	4	DIF		Begin-session transaction		12
CONTENTION	CVDAS	INQ	4	LIKE		Begin-bracket contention resolution		13
CONTENTION Output Valid Values	LOSE WIN							
DEVICE	CVDAS	INQ	4	LIKE		Device type		14
DEVICE Output Valid Values	T3278M2 T3278M3 T3278M4 T3278M5 T3279M2 T3279M3 T3279M4 T3279M5 TPS55M2 TPS55M3 TPS55M4 LUP							
ENDSESSION	CHAR	INQ	4	DIF		End-session transaction		15

Table 2.16. FEIPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EXCEPTIONQ	CHAR	INQ	4	DIF		TDQ queue holding exceptions		16
FJOURNALNUM	BINARY	INQ	4	AVG		Journal number		17
FORMAT	CVDAS	INQ	4	LIKE		Data format option		18
FORMAT Output Valid Values	FORMATTED DATASTREAM NOTAPPLIC							
INITIALDATA	CVDAS	INQ	4	LIKE		Initial inbound data status		19
INITIALDATA Output Valid Values	INBOUND NOTINBOUND							
INSTLSTATUS	CVDAS	INQ	4	LIKE		Pool install status		20
INSTLSTATUS Output Valid Values	INSTALLED NOTINSTALLED							
MAXFLENGTH	BINARY	INQ	4	AVG		Maximum length of returned data		21
MSGJRNL	CVDAS	INQ	4	LIKE		Message journaling status		22
MSGJRNL Output Valid Values	NOMSGJRNL INPUT OUTPUT INOUT							
PROPERTYSET	CHAR	INQ	8	DIF		Property set name		23
SERVSTATUS	CVDAS	INQ	4	LIKE	yes	Pool service status		24
SERVSTATUS Input/Output Valid Values	INSERVICE OUTSERVICE							
SERVSTATUS Output Valid Values	GOINGOUT							
STSN	CHAR	INQ	4	DIF		Set and test sequence-number (STSN) transaction		25
UNSOLDATA	CHAR	INQ	4	DIF		Unsolicited data transaction		26

Resource table descriptions

Table 216. FEIPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
UNSOLDATAACK	CVDAS	INQ	4	LIKE		Unsolicited-data bid-acknowledgement		27
UNSOLDATAACK Output Valid Values	NEGATIVE POSITIVE NOTAPPLIC							
WAITCONVNUM	BINARY	INQ	4	AVG		Number of conversations waiting		28
USERDATA	CHAR	INQ	64	DIF	yes	Pool user data		29
FJOURNALNAME	CHAR	INQ	8	DIF		Journal name		30

FEPIPROP Resource Table

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

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

The following actions are supported:

DISCARD

Discard the FEPI property set.

Length	88
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0062 or FEPIPROP
Valid API operations	GET and PERFORM

API Actions

DISCARD Discard

Parameters: None

Resource table descriptions

Table 2.17. FEIPROP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
PROPERTYSET-1	CHAR	INQ	8	DIF	Property set name		1
BEGINSESSION	CHAR	INQ	4	DIF	Begin-session transaction		2
CONTENTION	CVDAS	INQ	4	LIKE	Contention resolution result		3
CONTENTION Input/Output Valid Values	LOSE WIN						
DEVICE	CVDAS	INQ	4	LIKE	Device type		4
DEVICE Input/Output Valid Values	T3278M2 T3278M3 T3278M4 T3278M5	T3279M2 T3279M3 T3279M4 T3279M5	T3279M2 T3279M3 T3279M4 T3279M5	T3279M2 T3279M3 T3279M4 T3279M5	T3279M2 TPS55M2 TPS55M3 TPS55M4 LUP		
ENDSESSION	CHAR	INQ	4	DIF	End-session transaction		5
EXCEPTIONQ	CHAR	INQ	4	DIF	TDQ queue holding exceptions		6
FJOURNALNUM	CODEDBIN	INQ	4	AVG	Journal number		7
FORMAT	CVDAS	INQ	4	LIKE	Data format		8
FORMAT Input/Output Valid Values	FORMATTED DATASTREAM	NOTAPPLIC					
INITIALDATA	CVDAS	INQ	4	LIKE	Initial-inbound-data option		9
INITIALDATA Input/Output Valid Values	INBOUND NOTINBOUND						
MAXFLENGTH	BINARY	INQ	4	AVG	Maximum length of returned data		10
MSGJRNL	CVDAS	INQ	4	LIKE	Journal status		11
MSGJRNL Input/Output Valid Values	NOMSGJRNL	INPUT OUTPUT INOUT					

Table 217. FEIIPROP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
STSN	CHAR	INQ	4	DIF	Set and test sequence numbers (STSN) transaction		12
UNSOLDATA	CHAR	INQ	4	DIF	Unsolicited data transaction		13
UNSOLDATAACK	CVDAS	INQ	4	LIKE	Unsolicited data response		14
UNSOLDATAACK Input/Output Valid Values	NEGATIVE POSITIVE NOTAPPLIC						
FJOURNALNAME	CHAR	INQ	8	DIF	Journal name		15

FEPITRGT Resource Table

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

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

The following actions are supported:

DISCARD

Discard a FEPI target.

INSERVICE

Place a FEPI target in service.

OUTSERVICE

Place a FEPI target out of service.

Length	136
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0059 or FEPITRGT
Valid API operations	GET SET and PERFORM

API Actions

DISCARD	Discard
----------------	---------

INSERVICE	Parameters: None Set to In Service
------------------	--

OUTSERVICE	Parameters: None Set to Out of Service
-------------------	--

Parameters: None

Table 218. FEPITRGT resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved		
TARGETNAME-1	CHAR	INQ	8	DIF		Target name		1
POOLNAME-2	CHAR	STAT	8	DIF		Pool name		2
APPLID	CHAR	STAT	8	DIF		VTAM applid of back end system		3
NODES	BINARY	STAT	4	AVG		Number of nodes		4
ALLOCATES	BINARY	STAT	4	AVG		Total number of allocates		5
TOTALLOCWAIT	BINARY	STAT	4	AVG		Total number of allocates that waited		6
CURALLCWAIT	BINARY	STAT	4	AVG		Current number of allocates waiting		7
PEAKALLCWAIT	BINARY	STAT	4	AVG		Peak number of allocates waiting		8
TOTALLOCTOUT	BINARY	STAT	4	AVG		Total number of allocates that timed out		9
INSTLSTATUS	CVDAS	INQ	4	LIKE		Install status		10
INSTLSTATUS Output Valid Values	INSTALLED NOTINSTALLED							
SERVSTATUS	CVDAS	INQ	4	LIKE	yes	Service status		11
SERVSTATUS Input/Output Valid Values	INSERVICE OUTSERVICE							
SERVSTATUS Output Valid Values	GOINGOUT							
USERDATA	CHAR	INQ	64	DIF	yes	Target user data		12

FEPRODEF Resource Table

A CICS Definition that describes a FEPI Property Set.

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

The following actions are supported:

INSTALL

Install a FEPI Property Set Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	176
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3830 or FEPRODEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	GET [CICSSYS] [RESGROUP] CREATE [RESGROUP]

API Actions

INSTALL	Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTOGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 219. FEPRODEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string terminator
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed
INV_NAME	Invalid name	NOTIFY	Notify

Table 219. FEPRODEF FEEDBACK error codes (continued)

INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid over type	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLEN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Resource table descriptions

Table 220. FEPRODEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	Property set definition name			7
CREATETIME	DATE TIME	CPSM	8	Yes	MAX	Definition create time			9
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			10
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			11
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			12
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			13
BEGINSESSION	CHAR	CPSM	4	No	DIF	Begin-session transaction			15
CONTENTION	CVDAS	CPSM	4	No	LIKE	Contention resolution result	LOSE		16
CONTENTION Input/Output Valid Values	LOSE WIN								
DEVICE	CVDAS	CPSM	4	No	LIKE	Device type	T3278M2		17
DEVICE Input/Output Valid Values	T3278M2 T3278M3 T3278M4 T3278M5 T3279M2 T3279M3 T3279M4 T3279M5 TPS55M2 TPS55M3 TPS55M4 LUP								
ENDSESSION	CHAR	CPSM	4	No	DIF	End-session transaction			18
EXCEPTIONQ	CHAR	CPSM	4	No	DIF	TDQ queue holding exceptions			19
FJOURNALNUM	CHAR	CPSM	4	No	DIF	Journal number	0	0-99	20
FORMAT	CVDAS	CPSM	4	No	LIKE	Data format	FORMATTED		21
FORMAT Input/Output Valid Values	FORMATTED DATASTREAM NOTAPPLIC								
INITIALDATA	CVDAS	CPSM	4	No	LIKE	Initial-inbound-data option	NOTINBOUND		22
INITIALDATA Input/Output Valid Values	INBOUND NOTINBOUND								
MAXFLENGTH	CHAR	CPSM	8	No	DIF	Maximum length of returned data	4096	128-1048576	23
MSGJRNL	CVDAS	CPSM	4	No	LIKE	Journal status	NOMSGJRNL		24

Table 220. FEPRODEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
MSGJRNL Input/Output Valid Values	NOMSGJRNL INPUT OUTPUT INOUT								
STSN	CHAR	CPSM	4	No	DIF	Set and test sequence numbers (STSN) transaction			25
UNSOLDATA	CHAR	CPSM	4	No	DIF	Unsolicited data transaction			26
UNSOLDATAACK	CVDAS	CPSM	4	No	LIKE	Unsolicited data response	NEGATIVE		27
UNSOLDATAACK Input/Output Valid Values	NEGATIVE POSITIVE NOTAPPLIC								
FJOURNALNAME	CHAR	CPSM	8	No	DIF	Journal name			28

FETRGDEF Resource Table

A CICS Definition that describes a FEPI Target.

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

The following actions are supported:

INSTALL

Install a FEPI Target Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	1136
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3828 or FETRGDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	GET [CICSSYS] [RESGROUP] CREATE [RESGROUP]

API Actions

INSTALL	Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTOGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 221. FETRGDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string terminator
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed
INV_NAME	Invalid name	NOTIFY	Notify

Table 221. FETRGDEF FEEDBACK error codes (continued)

INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid over type	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Resource table descriptions

Table 222. FETRGDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	Target list definition name			7
CREATETIME	DATE TIME	CPSM	8	Yes	MAX	Definition create time			9
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			10
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			11
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			12
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			13
SERVSTATUS	CVDAS	CPSM	4	No	LIKE	Service status	INSERVICE		15
SERVSTATUS Input/Output Valid Values	INSERVICE OUTSERVICE								
APPLLIST	CHAR	CPSM	512	No	DIF	VTAM application IDs of back end systems			16
TARGETLIST	CHAR	CPSM	512	No	DIF	Target list			17

FILEDEF Resource Table

A CICS Definition that describes the physical and operational characteristics of a file.

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

The following actions are supported:

INSTALL

Install a File Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	424
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3801 or FILEDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	GET [RESGROUP] [CICSSYS] CREATE [RESGROUP]

API Actions

INSTALL	Install
	PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTOGRP	Add to resource group
	PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 223. FILEDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string term
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed

Resource table descriptions

Table 223. FILEDEF FEEDBACK error codes (continued)

INV_NAME	Invalid name	NOTIFY	Notify
INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid override type	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Table 224. FILEDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	File definition name			7
ADD	EYUDA	CPSM	4	Yes	LIKE	Add option	NO		8
ADD Input/Output Valid Values	YES NO								
BROWSE	EYUDA	CPSM	4	Yes	LIKE	Browse option	NO		9
BROWSE Input/Output Valid Values	YES NO								
DELETE	EYUDA	CPSM	4	Yes	LIKE	Delete option	NO		10
DELETE Input/Output Valid Values	YES NO								
READ	EYUDA	CPSM	4	Yes	LIKE	Read option	YES		11
READ Input/Output Valid Values	YES NO								
UPDATE	EYUDA	CPSM	4	Yes	LIKE	Update option	NO		12
UPDATE Input/Output Valid Values	YES NO								
BACKUPTYPE	CVDAS	CPSM	4	Yes	LIKE	CICS VSAM file backup type	STATIC		13
BACKUPTYPE Input/Output Valid Values	STATIC DYNAMIC								
DATABUFFERS	CHAR	CPSM	8	No	DIF	Number of data buffers	2	2-32767	14
DISPOSITION	CVDAS	CPSM	4	Yes	LIKE	Disposition of file	SHARE		15
DISPOSITION Input/Output Valid Values	SHARE OLD								

Resource table descriptions

Table 224. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
DSNSHARING	EYUDA	CPSM	4	Yes	LIKE	VSAM data set name sharing	ALLREQS		16
DSNSHARING Input/Output Valid Values	ALLREQS MODIFYREQS								
FWDRECOVLOG	CHAR	CPSM	4	No	DIF	Journal number used for forward recovery	NO	1-99	17
FWDRECOVLOG Input/Output Valid Values	NO								
INDEXBUFFERS	CHAR	CPSM	8	No	DIF	Number of index buffers	1	1-32767	18
JNLADD	EYUDA	CPSM	4	Yes	LIKE	Add operations recorded on journal	NONE		19
JNLADD Input/Output Valid Values	NONE AFTER ALL BEFORE								
JNLREAD	EYUDA	CPSM	4	Yes	LIKE	Read operations recorded on journal	NONE		20
JNLREAD Input/Output Valid Values	NONE ALL READONLY UPDATEONLY								
JNLSYNCREAD	EYUDA	CPSM	4	Yes	LIKE	Synchronous auto journaling for input	NO		21
JNLSYNCREAD Input/Output Valid Values	YES NO								
JNLSYNCWRITE	EYUDA	CPSM	4	Yes	LIKE	Synchronous auto journaling for output	YES		22
JNLSYNCWRITE Input/Output Valid Values	YES NO								
JNLUPDATE	EYUDA	CPSM	4	Yes	LIKE	Rewrite/delete operations recorded on journal	NO		23
JNLUPDATE Input/Output Valid Values	YES NO								
JOURNAL	CHAR	CPSM	4	No	DIF	Journal number	NO	1-99	25

Table 224. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
JOURNAL Input/Output Valid Values	NO								
KEYLENGTH	CHAR	CPSM	4	No	DIF	Key length		1-255	26
LSRPOOLID	CHAR	CPSM	4	No	DIF	Local shared resources pool ID	1	1-8	27
LSRPOOLID Input/Output Valid Values	NONE								
MAXNUMRECS	CHAR	CPSM	8	No	DIF	Maximum number of records in data table	NOLIMIT	1-99999999	28
MAXNUMRECS Input/Output Valid Values	NOLIMIT								
NSRGROUP	CHAR	CPSM	8	No	DIF	Non-shared resources (NSR) group name			29
OPENTIME	EYUDA	CPSM	4	Yes	LIKE	File open time	FIRSTREF		30
OPENTIME Input/Output Valid Values	FIRSTREF STARTUP								
PASSWORD	HIDCHAR	CPSM	8	No	DIF	User access password			31
READINTEG	CVDAS	CPSM	4	Yes	LIKE	Default level of read integrity	UNCOMMITTED		32
READINTEG Input/Output Valid Values	UNCOMMITTED CONSISTENT REPEATABLE								
RECORDFORMAT	CVDAS	CPSM	4	Yes	LIKE	Record format	VARIABLE		33
RECORDFORMAT Input/Output Valid Values	VARIABLE FIXED								
RECORDSIZE	CHAR	CPSM	8	No	DIF	Record size		1-32767	34
RECOVERY	EYUDA	CPSM	4	Yes	LIKE	Type of recovery	NONE		35
RECOVERY Input/Output Valid Values	NONE ALL BACKOUTONLY								

Resource table descriptions

Table 224. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
REMO TENAME	CHAR	CPSM	8	No	DIF	Remote file name			36
REMOTESYSTEM	CHAR	CPSM	4	No	DIF	Remote system name			37
RLSACCESS	EYUDA	CPSM	4	Yes	LIKE	Record level sharing (RLS) file access mode	NO		38
RLSACCESS Input/Output Valid Values	YES NO								
STATUS	CVDAS	CPSM	4	Yes	LIKE	Initial status	ENABLED		39
STATUS Input/Output Valid Values	ENABLED DISABLED UNENABLED								
STRINGS	CHAR	CPSM	4	No	DIF	Maximum concurrent requests against file	1	1-255	40
TABLE	EYUDA	CPSM	4	Yes	LIKE	Data table type	NO		41
TABLE Input/Output Valid Values	NO CICS USER CF								
BASENAME	CHAR	CPSM	8	No	DIF	Base data set name			43
MINRECORDLEN	CHAR	CPSM	4	No	DIF	Minimum record length		1-4090	44
CNTLINTRVAL	CHAR	CPSM	4	No	DIF	Control interval size		512-4096	45
RSL	CHAR	CPSM	8	No	DIF	Resource security value	0	0-24	46
RSL Input/Output Valid Values	PUBLIC								
ACCESSMETH	CVDAS	CPSM	4	Yes	LIKE	File access method	VSAM		47
ACCESSMETH Input/Output Valid Values	ESDS KSDS RRDS KEYED BDAM VSAM NOTAPPLIC								
LOG	EYUDA	CPSM	4	Yes	LIKE	Automatic logging	NO		50
LOG Input/Output Valid Values	YES NO								
DSNAME	CHAR	CPSM	60	Yes	DIF	Data set name			51
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Definition create time			52

Table 224. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			53
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			54
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			55
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			56
FILEOPEN	CHAR	CPSM	1	No	DIF	File open status	Y		57
FILEOPEN Input/Output Valid Values	N Y								
FILEENABLED	CHAR	CPSM	1	No	DIF	File enabled status	Y		58
FILEENABLED Input/Output Valid Values	N Y U								
FILETYPE	CHAR	CPSM	1	No	DIF	Data set type	K		59
FILETYPE Input/Output Valid Values	A E K R								
FILEACCESS	CHAR	CPSM	1	No	DIF	Access method	R		60
FILEACCESS Input/Output Valid Values	O R U								
MAXRECORDLEN	CHAR	CPSM	6	No	DIF	Maximum record length		1-32767	61
KEYNUMBER	CHAR	CPSM	2	No	DIF	Key number		1-99	62
EXTFILEMGR	CHAR	CPSM	4	No	DIF	Use external file manager	N		63
EXTFILEMGR Input/Output Valid Values	N Y								
FSEGDEFNAME	CHAR	CPSM	8	No	DIF	File segment definition name			64
FSEGDEFVER	CHAR	CPSM	2	No	DIF	File segment definition version		1-15	65
POOLNAME	CHAR	CPSM	8	No	DIF	Coupling facility data table (CFDT) pool name			66
TABlename	CHAR	CPSM	8	No	DIF	Table name			67

Resource table descriptions

Table 224. FILEDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
UPDATEMODEL	CVDAS	CPSM	4	No	LIKE	Update model	LOCKING		68
UPDATEMODEL Input/Output Valid Values	LOCKING CONTENTION								
LOADTYPE	EYUDA	CPSM	4	No	LIKE	Load type	NO		69
LOADTYPE Input/Output Valid Values	YES NO								
CATNAME	CHAR	CPSM	7	No	DIF	VSAM catalog name			70
SHR4ACCESS	EYUDA	CPSM	4	No	LIKE	VSAM share access	KEY		72
SHR4ACCESS Input/Output Valid Values	KEY RBA								

FILINGRP Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6146 or FILINGRP
Valid API operations	GET CREATE and REMOVE

Table 225. FILINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 226. FILINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
FILEGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
FILENAME-2	CHAR	CPSM	8	Yes	DIF	File definition name	6
FILEVER-3	BINARY	CPSM	1	Yes	AVG	File definition version	7

FNOINGRP Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6174 or FNOINGRP
Valid API operations	GET CREATE and REMOVE

Table 227. FNOINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 228. FNOINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
FNOGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
FNONAME-2	CHAR	CPSM	8	Yes	DIF	FEPI node definition name	6
FNOVER-3	BINARY	CPSM	1	Yes	AVG	FEPI node definition version	7

FPOINGRP Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6172 or FPOINGRP
Valid API operations	GET CREATE and REMOVE

Table 229. FPOINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 230. FPOINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
FPOGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
FPONAME-2	CHAR	CPSM	8	Yes	DIF	FEPI pool definition name	6
FPOVER-3	BINARY	CPSM	1	Yes	AVG	FEPI pool definition version	7

FPRINGRP Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6175 or FPRINGRP
Valid API operations	GET CREATE and REMOVE

Table 231. FPRINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 232. FPRINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
FPRGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
FPRNAME-2	CHAR	CPSM	8	Yes	DIF	FEPI property set definition name	6
FPRVER-3	BINARY	CPSM	1	Yes	AVG	FEPI property set definition version	7

FSEGDEF Resource Table

A CICS Definition that describes the key segments associated with a CICS for OS/2 file.

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

Length	544
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3820 or FSEGDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	
	GET [CICSSYS] [RESGROUP]
	CREATE [RESGROUP]

API Actions

ADDTOGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(value) .')
-----------------	--

Table 233. FSEGDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RECADDR	Invalid record address
EARLY_NAMELIST_END	Early name list end	INV_RECLEN	Invalid record length
INCONSISTENT_SET	Inconsistent set condition	INV_RESGROUP	Resource group not found
INV_ACTION	Invalid action	INV_RESTYPE	Invalid resource type
INV_CONTEXT	Context not found	INV_VER	Invalid resource version
INV_DATA	Attribute data invalid	NON_MP	Maintenance point CMAS not available
INV_MINNAME	Invalid minor name	REC_CHANGED	Resource definition already changed
INV_NAME	Invalid name	REC_EXISTS	Resource already exists
INV_NAMELIST	Invalid name list	REC_NOT_FOUND	Requested resource not found

Resource table descriptions

Table 234. FSEGDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	File key segment definition name			7
POSKEY01	CHAR	CPSM	4	No	DIF	Key segment 01 position		0-4090	8
LENKEY01	CHAR	CPSM	4	No	DIF	Key segment 01 length		0-999	9
DUPKEY01	CHAR	CPSM	1	No	DIF	Key segment 01 allows duplicate keys			10
DUPKEY01 Input/Output Valid Values	N Y								
MODKEY01	CHAR	CPSM	1	No	DIF	Key segment 01 modifiable			11
MODKEY01 Input/Output Valid Values	N Y								
BINKEY01	CHAR	CPSM	1	No	DIF	Key segment 01 is binary			12
BINKEY01 Input/Output Valid Values	N Y								
NULKEY01	CHAR	CPSM	1	No	DIF	Key segment 01 allows null characters			13
NULKEY01 Input/Output Valid Values	N Y								
SAMKEY01	CHAR	CPSM	1	No	DIF	Key segment 01 part of next segment			14
SAMKEY01 Input/Output Valid Values	N Y								
ALTKEY01	CHAR	CPSM	1	No	DIF	Key segment 01 uses EBCDIC sort sequence			15
ALTKEY01 Input/Output Valid Values	N Y								
NUMNLK01	CHAR	CPSM	4	No	DIF	Key segment 01 null key number		0-255	16
POSKEY02	CHAR	CPSM	4	No	DIF	Key segment 02 position		0-4090	18

Table 234. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
LENKEY02	CHAR	CPSM	4	No	DIF	Key segment 02 length		0-999	19
DUPKEY02	CHAR	CPSM	1	No	DIF	Key segment 02 allows duplicate keys			20
DUPKEY02 Input/Output Valid Values	N Y								
MODKEY02	CHAR	CPSM	1	No	DIF	Key segment 02 modifiable			21
MODKEY02 Input/Output Valid Values	N Y								
BINKEY02	CHAR	CPSM	1	No	DIF	Key segment 02 is binary			22
BINKEY02 Input/Output Valid Values	N Y								
NULKEY02	CHAR	CPSM	1	No	DIF	Key segment 02 allows null characters			23
NULKEY02 Input/Output Valid Values	N Y								
SAMKEY02	CHAR	CPSM	1	No	DIF	Key segment 02 part of next segment			24
SAMKEY02 Input/Output Valid Values	N Y								
ALTKEY02	CHAR	CPSM	1	No	DIF	Key segment 02 uses EBCDIC sort sequence			25
ALTKEY02 Input/Output Valid Values	N Y								
NUMNLK02	CHAR	CPSM	4	No	DIF	Key segment 02 null key number		0-255	26
POSKEY03	CHAR	CPSM	4	No	DIF	Key segment 03 position		0-4090	28
LENKEY03	CHAR	CPSM	4	No	DIF	Key segment 03 length		0-999	29
DUPKEY03	CHAR	CPSM	1	No	DIF	Key segment 03 allows duplicate keys			30

Resource table descriptions

Table 234. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
DUPKEY03 Input/Output Valid Values	N Y								
MODKEY03	CHAR	CPSM	1	No	DIF	Key segment 03 modifiable			31
MODKEY03 Input/Output Valid Values	N Y								
BINKEY03	CHAR	CPSM	1	No	DIF	Key segment 03 is binary			32
BINKEY03 Input/Output Valid Values	N Y								
NULKEY03	CHAR	CPSM	1	No	DIF	Key segment 03 allows null characters			33
NULKEY03 Input/Output Valid Values	N Y								
SAMKEY03	CHAR	CPSM	1	No	DIF	Key segment 03 part of next segment			34
SAMKEY03 Input/Output Valid Values	N Y								
ALTKEY03	CHAR	CPSM	1	No	DIF	Key segment 03 uses EBCDIC sort sequence			35
ALTKEY03 Input/Output Valid Values	N Y								
NUMNLK03	CHAR	CPSM	4	No	DIF	Key segment 03 null key number		0-255	36
POSKEY04	CHAR	CPSM	4	No	DIF	Key segment 04 position		0-4090	38
LENKEY04	CHAR	CPSM	4	No	DIF	Key segment 04 length		0-999	39
DUPKEY04	CHAR	CPSM	1	No	DIF	Key segment 04 allows duplicate keys			40
DUPKEY04 Input/Output Valid Values	N Y								
MODKEY04	CHAR	CPSM	1	No	DIF	Key segment 04 modifiable			41

Table 234. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
MODKEY04 Input/Output Valid Values	N Y								
BINKEY04	CHAR	CPSM	1	No	DIF	Key segment 04 is binary			42
BINKEY04 Input/Output Valid Values	N Y								
NULKEY04	CHAR	CPSM	1	No	DIF	Key segment 04 allows null characters			43
NULKEY04 Input/Output Valid Values	N Y								
SAMKEY04	CHAR	CPSM	1	No	DIF	Key segment 04 part of next segment			44
SAMKEY04 Input/Output Valid Values	N Y								
ALTKEY04	CHAR	CPSM	1	No	DIF	Key segment 04 uses EBCDIC sort sequence			45
ALTKEY04 Input/Output Valid Values	N Y								
NUMNLK04	CHAR	CPSM	4	No	DIF	Key segment 04 null key number		0-255	46
POSKEY05	CHAR	CPSM	4	No	DIF	Key segment 05 position		0-4090	48
LENKEY05	CHAR	CPSM	4	No	DIF	Key segment 05 length		0-999	49
DUPKEY05	CHAR	CPSM	1	No	DIF	Key segment 05 allows duplicate keys			50
DUPKEY05 Input/Output Valid Values	N Y								
MODKEY05	CHAR	CPSM	1	No	DIF	Key segment 05 modifiable			51
MODKEY05 Input/Output Valid Values	N Y								
BINKEY05	CHAR	CPSM	1	No	DIF	Key segment 05 is binary			52

Resource table descriptions

Table 234. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
BINKEY05 Input/Output Valid Values	N Y								
NULKEY05	CHAR	CPSM	1	No	DIF	Key segment 05 allows null characters			53
NULKEY05 Input/Output Valid Values	N Y								
SAMKEY05	CHAR	CPSM	1	No	DIF	Key Seg 05 part of next segment			54
SAMKEY05 Input/Output Valid Values	N Y								
ALTKEY05	CHAR	CPSM	1	No	DIF	Key segment 05 uses EBCDIC sort sequence			55
ALTKEY05 Input/Output Valid Values	N Y								
NUMNLK05	CHAR	CPSM	4	No	DIF	Key segment 05 null key number		0-255	56
POSKEY06	CHAR	CPSM	4	No	DIF	Key segment 06 position		0-4090	58
LENKEY06	CHAR	CPSM	4	No	DIF	Key segment 06 length		0-999	59
DUPKEY06	CHAR	CPSM	1	No	DIF	Key segment 06 allows duplicate keys			60
DUPKEY06 Input/Output Valid Values	N Y								
MODKEY06	CHAR	CPSM	1	No	DIF	Key segment 06 modifiable			61
MODKEY06 Input/Output Valid Values	N Y								
BINKEY06	CHAR	CPSM	1	No	DIF	Key segment 06 is binary			62
BINKEY06 Input/Output Valid Values	N Y								
NULKEY06	CHAR	CPSM	1	No	DIF	Key segment 06 allows null characters			63

Table 234. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
NULKEY06 Input/Output Valid Values	N Y								
SAMKEY06	CHAR	CPSM	1	No	DIF	Key segment 06 part of next segment			64
SAMKEY06 Input/Output Valid Values	N Y								
ALTKEY06	CHAR	CPSM	1	No	DIF	Key segment 06 uses EBCDIC sort sequence			65
ALTKEY06 Input/Output Valid Values	N Y								
NUMNLK06	CHAR	CPSM	4	No	DIF	Key segment 06 null key number		0-255	66
POSKEY07	CHAR	CPSM	4	No	DIF	Key segment 07 position		0-4090	68
LENKEY07	CHAR	CPSM	4	No	DIF	Key segment 07 length		0-999	69
DUPKEY07	CHAR	CPSM	1	No	DIF	Key segment 07 allows duplicate keys			70
DUPKEY07 Input/Output Valid Values	N Y								
MODKEY07	CHAR	CPSM	1	No	DIF	Key segment 07 modifiable			71
MODKEY07 Input/Output Valid Values	N Y								
BINKEY07	CHAR	CPSM	1	No	DIF	Key segment 07 is binary			72
BINKEY07 Input/Output Valid Values	N Y								
NULKEY07	CHAR	CPSM	1	No	DIF	Key segment 07 allows null characters			73
NULKEY07 Input/Output Valid Values	N Y								
SAMKEY07	CHAR	CPSM	1	No	DIF	Key segment 07 part of next segment			74

Resource table descriptions

Table 234. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
SAMKEY07 Input/Output Valid Values	N Y								
ALTKEY07	CHAR	CPSM	1	No	DIF	Key segment 07 uses EBCDIC sort sequence			75
ALTKEY07 Input/Output Valid Values	N Y								
NUMNLK07	CHAR	CPSM	4	No	DIF	Key segment 07 null key number		0-255	76
POSKEY08	CHAR	CPSM	4	No	DIF	Key segment 08 position		0-4090	78
LENKEY08	CHAR	CPSM	4	No	DIF	Key segment 08 length		0-999	79
DUPKEY08	CHAR	CPSM	1	No	DIF	Key segment 08 allows duplicate keys			80
DUPKEY08 Input/Output Valid Values	N Y								
MODKEY08	CHAR	CPSM	1	No	DIF	Key segment 08 modifiable			81
MODKEY08 Input/Output Valid Values	N Y								
BINKEY08	CHAR	CPSM	1	No	DIF	Key segment 08 is binary			82
BINKEY08 Input/Output Valid Values	N Y								
NULKEY08	CHAR	CPSM	1	No	DIF	Key segment 08 allows null characters			83
NULKEY08 Input/Output Valid Values	N Y								
SAMKEY08	CHAR	CPSM	1	No	DIF	Key segment 08 part of next segment			84
SAMKEY08 Input/Output Valid Values	N Y								
ALTKEY08	CHAR	CPSM	1	No	DIF	Key segment 08 uses EBCDIC sort sequence			85

Table 234. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
ALTKY08 Input/Output Valid Values	N Y								
NUMNLK08	CHAR	CPSM	4	No	DIF	Key segment 08 null key number		0-255	86
POSKEY09	CHAR	CPSM	4	No	DIF	Key segment 09 position		0-4090	88
LENKEY09	CHAR	CPSM	4	No	DIF	Key segment 09 length		0-999	89
DUPKEY09	CHAR	CPSM	1	No	DIF	Key segment 09 allows duplicate keys			90
DUPKEY09 Input/Output Valid Values	N Y								
MODKEY09	CHAR	CPSM	1	No	DIF	Key segment 09 modifiable			91
MODKEY09 Input/Output Valid Values	N Y								
BINKEY09	CHAR	CPSM	1	No	DIF	Key segment 09 is binary			92
BINKEY09 Input/Output Valid Values	N Y								
NULKEY09	CHAR	CPSM	1	No	DIF	Key segment 09 allows null characters			93
NULKEY09 Input/Output Valid Values	N Y								
SAMKEY09	CHAR	CPSM	1	No	DIF	Key segment 09 part of next segment			94
SAMKEY09 Input/Output Valid Values	N Y								
ALTKY09	CHAR	CPSM	1	No	DIF	Key segment 09 uses EBCDIC sort sequence			95
ALTKY09 Input/Output Valid Values	N Y								
NUMNLK09	CHAR	CPSM	4	No	DIF	Key segment 09 null key number		0-255	96

Resource table descriptions

Table 234. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
POSKEY10	CHAR	CPSM	4	No	DIF	Key segment 10 position		0-4090	98
LENKEY10	CHAR	CPSM	4	No	DIF	Key segment 10 length		0-999	99
DUPKEY10	CHAR	CPSM	1	No	DIF	Key segment 10 allows duplicate keys			100
DUPKEY10 Input/Output Valid Values	N Y								
MODKEY10	CHAR	CPSM	1	No	DIF	Key segment 10 modifiable			101
MODKEY10 Input/Output Valid Values	N Y								
BINKEY10	CHAR	CPSM	1	No	DIF	Key segment 10 is binary			102
BINKEY10 Input/Output Valid Values	N Y								
NULKEY10	CHAR	CPSM	1	No	DIF	Key segment 10 allows null characters			103
NULKEY10 Input/Output Valid Values	N Y								
SAMKEY10	CHAR	CPSM	1	No	DIF	Key segment 10 part of next segment			104
SAMKEY10 Input/Output Valid Values	N Y								
ALTKEY10	CHAR	CPSM	1	No	DIF	Key segment 10 uses EBCDIC sort sequence			105
ALTKEY10 Input/Output Valid Values	N Y								
NUMNLK10	CHAR	CPSM	4	No	DIF	Key segment 10 null key number		0-255	106
POSKEY11	CHAR	CPSM	4	No	DIF	Key segment 11 position		0-4090	108
LENKEY11	CHAR	CPSM	4	No	DIF	Key segment 11 length		0-999	109
DUPKEY11	CHAR	CPSM	1	No	DIF	Key segment 11 allows duplicate keys			110

Table 234. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
DUPKEY11 Input/Output Valid Values	N Y								
MODKEY11	CHAR	CPSM	1	No	DIF	Key segment 11 modifiable			111
MODKEY11 Input/Output Valid Values	N Y								
BINKEY11	CHAR	CPSM	1	No	DIF	Key segment 11 is binary			112
BINKEY11 Input/Output Valid Values	N Y								
NULKEY11	CHAR	CPSM	1	No	DIF	Key segment 11 allows null characters			113
NULKEY11 Input/Output Valid Values	N Y								
SAMKEY11	CHAR	CPSM	1	No	DIF	Key segment 11 part of next segment			114
SAMKEY11 Input/Output Valid Values	N Y								
ALTKEY11	CHAR	CPSM	1	No	DIF	Key segment 11 uses EBCDIC sort sequence			115
ALTKEY11 Input/Output Valid Values	N Y								
NUMNLK11	CHAR	CPSM	4	No	DIF	Key segment 11 null key number		0-255	116
POSKEY12	CHAR	CPSM	4	No	DIF	Key segment 12 position		0-4090	118
LENKEY12	CHAR	CPSM	4	No	DIF	Key segment 12 length		0-999	119
DUPKEY12	CHAR	CPSM	1	No	DIF	Key segment 12 allows duplicate keys			120
DUPKEY12 Input/Output Valid Values	N Y								
MODKEY12	CHAR	CPSM	1	No	DIF	Key segment 12 modifiable			121

Resource table descriptions

Table 234. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
MODKEY12 Input/Output Valid Values	N Y								
BINKEY12	CHAR	CPSM	1	No	DIF	Key segment 12 is binary			122
BINKEY12 Input/Output Valid Values	N Y								
NULKEY12	CHAR	CPSM	1	No	DIF	Key segment 12 allows null characters			123
NULKEY12 Input/Output Valid Values	N Y								
SAMKEY12	CHAR	CPSM	1	No	DIF	Key segment 12 part of next segment			124
SAMKEY12 Input/Output Valid Values	N Y								
ALTKEY12	CHAR	CPSM	1	No	DIF	Key segment 12 uses EBCDIC sort sequence			125
ALTKEY12 Input/Output Valid Values	N Y								
NUMNLK12	CHAR	CPSM	4	No	DIF	Key segment 12 null key number		0-255	126
POSKEY13	CHAR	CPSM	4	No	DIF	Key segment 13 position		0-4090	128
LENKEY13	CHAR	CPSM	4	No	DIF	Key segment 13 length		0-999	129
DUPKEY13	CHAR	CPSM	1	No	DIF	Key segment 13 allows duplicate keys			130
DUPKEY13 Input/Output Valid Values	N Y								
MODKEY13	CHAR	CPSM	1	No	DIF	Key segment 13 modifiable			131
MODKEY13 Input/Output Valid Values	N Y								
BINKEY13	CHAR	CPSM	1	No	DIF	Key segment 13 is binary			132

Table 234. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
BINKEY13 Input/Output Valid Values	N Y								
NULKEY13	CHAR	CPSM	1	No	DIF	Key segment 13 allows null characters			133
NULKEY13 Input/Output Valid Values	N Y								
SAMKEY13	CHAR	CPSM	1	No	DIF	Key segment 13 part of next segment			134
SAMKEY13 Input/Output Valid Values	N Y								
ALTKEY13	CHAR	CPSM	1	No	DIF	Key segment 13 uses EBCDIC sort sequence			135
ALTKEY13 Input/Output Valid Values	N Y								
NUMNLK13	CHAR	CPSM	4	No	DIF	Key segment 13 null key number		0-255	136
POSKEY14	CHAR	CPSM	4	No	DIF	Key segment 14 position		0-4090	138
LENKEY14	CHAR	CPSM	4	No	DIF	Key segment 14 length		0-999	139
DUPKEY14	CHAR	CPSM	1	No	DIF	Key segment 14 allows duplicate keys			140
DUPKEY14 Input/Output Valid Values	N Y								
MODKEY14	CHAR	CPSM	1	No	DIF	Key segment 14 modifiable			141
MODKEY14 Input/Output Valid Values	N Y								
BINKEY14	CHAR	CPSM	1	No	DIF	Key segment 14 is binary			142
BINKEY14 Input/Output Valid Values	N Y								
NULKEY14	CHAR	CPSM	1	No	DIF	Key segment 14 allows null characters			143

Resource table descriptions

Table 234. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
NULKEY14 Input/Output Valid Values	N Y								
SAMKEY14	CHAR	CPSM	1	No	DIF	Key segment 14 part of next segment			144
SAMKEY14 Input/Output Valid Values	N Y								
ALTKEY14	CHAR	CPSM	1	No	DIF	Key segment 14 uses EBCDIC sort sequence			145
ALTKEY14 Input/Output Valid Values	N Y								
NUMNLK14	CHAR	CPSM	4	No	DIF	Key segment 14 null key number		0-255	146
POSKEY15	CHAR	CPSM	4	No	DIF	Key segment 15 position		0-4090	148
LENKEY15	CHAR	CPSM	4	No	DIF	Key segment 15 length		0-999	149
DUPKEY15	CHAR	CPSM	1	No	DIF	Key segment 15 allows duplicate keys			150
DUPKEY15 Input/Output Valid Values	N Y								
MODKEY15	CHAR	CPSM	1	No	DIF	Key segment 15 modifiable			151
MODKEY15 Input/Output Valid Values	N Y								
BINKEY15	CHAR	CPSM	1	No	DIF	Key segment 15 is binary			152
BINKEY15 Input/Output Valid Values	N Y								
NULKEY15	CHAR	CPSM	1	No	DIF	Key segment 15 allows null characters			153
NULKEY15 Input/Output Valid Values	N Y								
SAMKEY15	CHAR	CPSM	1	No	DIF	Key segment 15 part of next segment			154

Table 234. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
SAMKEY15 Input/Output Valid Values	N Y								
ALTKEY15	CHAR	CPSM	1	No	DIF	Key segment 15 uses EBCDIC sort sequence			155
ALTKEY15 Input/Output Valid Values	N Y								
NUMNLK15	CHAR	CPSM	4	No	DIF	Key segment 15 null key number		0-255	156
POSKEY16	CHAR	CPSM	4	No	DIF	Key segment 16 position		0-4090	158
LENKEY16	CHAR	CPSM	4	No	DIF	Key segment 16 length		0-999	159
DUPKEY16	CHAR	CPSM	1	No	DIF	Key segment 16 allows duplicate keys			160
DUPKEY16 Input/Output Valid Values	N Y								
MODKEY16	CHAR	CPSM	1	No	DIF	Key segment 16 modifiable			161
MODKEY16 Input/Output Valid Values	N Y								
BINKEY16	CHAR	CPSM	1	No	DIF	Key segment 16 is binary			162
BINKEY16 Input/Output Valid Values	N Y								
NULKEY16	CHAR	CPSM	1	No	DIF	Key segment 16 allows null characters			163
NULKEY16 Input/Output Valid Values	N Y								
SAMKEY16	CHAR	CPSM	1	No	DIF	Key segment 16 part of next segment			164
SAMKEY16 Input/Output Valid Values	N Y								
ALTKEY16	CHAR	CPSM	1	No	DIF	Key segment 16 uses EBCDIC sort sequence			165

Resource table descriptions

Table 234. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
ALTKEY16 Input/Output Valid Values	N Y								
NUMNLK16	CHAR	CPSM	4	No	DIF	Key segment 16 null key number		0-255	166
POSKEY17	CHAR	CPSM	4	No	DIF	Key segment 17 position		0-4090	168
LENKEY17	CHAR	CPSM	4	No	DIF	Key segment 17 length		0-999	169
DUPKEY17	CHAR	CPSM	1	No	DIF	Key segment 17 allows duplicate keys			170
DUPKEY17 Input/Output Valid Values	N Y								
MODKEY17	CHAR	CPSM	1	No	DIF	Key segment 17 modifiable			171
MODKEY17 Input/Output Valid Values	N Y								
BINKEY17	CHAR	CPSM	1	No	DIF	Key segment 17 is binary			172
BINKEY17 Input/Output Valid Values	N Y								
NULKEY17	CHAR	CPSM	1	No	DIF	Key segment 17 allows null characters			173
NULKEY17 Input/Output Valid Values	N Y								
SAMKEY17	CHAR	CPSM	1	No	DIF	Key segment 17 part of next segment			174
SAMKEY17 Input/Output Valid Values	N Y								
ALTKEY17	CHAR	CPSM	1	No	DIF	Key segment 17 uses EBCDIC sort sequence			175
ALTKEY17 Input/Output Valid Values	N Y								
NUMNLK17	CHAR	CPSM	4	No	DIF	Key segment 17 null key number		0-255	176

Table 234. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
POSKEY18	CHAR	CPSM	4	No	DIF	Key segment 18 position		0-4090	178
LENKEY18	CHAR	CPSM	4	No	DIF	Key segment 18 length		0-999	179
DUPKEY18	CHAR	CPSM	1	No	DIF	Key segment 18 allows duplicate keys			180
DUPKEY18 Input/Output Valid Values	N Y								
MODKEY18	CHAR	CPSM	1	No	DIF	Key segment 18 modifiable			181
MODKEY18 Input/Output Valid Values	N Y								
BINKEY18	CHAR	CPSM	1	No	DIF	Key segment 18 is binary			182
BINKEY18 Input/Output Valid Values	N Y								
NULKEY18	CHAR	CPSM	1	No	DIF	Key segment 18 allows null characters			183
NULKEY18 Input/Output Valid Values	N Y								
SAMKEY18	CHAR	CPSM	1	No	DIF	Key segment 18 part of next segment			184
SAMKEY18 Input/Output Valid Values	N Y								
ALTKEY18	CHAR	CPSM	1	No	DIF	Key segment 18 uses EBCDIC sort sequence			185
ALTKEY18 Input/Output Valid Values	N Y								
NUMNLK18	CHAR	CPSM	4	No	DIF	Key segment 18 null key number		0-255	186
POSKEY19	CHAR	CPSM	4	No	DIF	Key segment 19 position		0-4090	188
LENKEY19	CHAR	CPSM	4	No	DIF	Key segment 19 length		0-999	189
DUPKEY19	CHAR	CPSM	1	No	DIF	Key segment 19 allows duplicate keys			190

Resource table descriptions

Table 234. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
DUPKEY19 Input/Output Valid Values	N Y								
MODKEY19	CHAR	CPSM	1	No	DIF	Key segment 19 modifiable			191
MODKEY19 Input/Output Valid Values	N Y								
BINKEY19	CHAR	CPSM	1	No	DIF	Key segment 19 is binary			192
BINKEY19 Input/Output Valid Values	N Y								
NULKEY19	CHAR	CPSM	1	No	DIF	Key segment 19 allows null characters			193
NULKEY19 Input/Output Valid Values	N Y								
SAMKEY19	CHAR	CPSM	1	No	DIF	Key segment 19 part of next segment			194
SAMKEY19 Input/Output Valid Values	N Y								
ALTKEY19	CHAR	CPSM	1	No	DIF	Key segment 19 uses EBCDIC sort sequence			195
ALTKEY19 Input/Output Valid Values	N Y								
NUMNLK19	CHAR	CPSM	4	No	DIF	Key segment 19 null key number		0-255	196
POSKEY20	CHAR	CPSM	4	No	DIF	Key segment 20 position		0-4090	198
LENKEY20	CHAR	CPSM	4	No	DIF	Key segment 20 length		0-999	199
DUPKEY20	CHAR	CPSM	1	No	DIF	Key segment 20 allows duplicate keys			200
DUPKEY20 Input/Output Valid Values	N Y								
MODKEY20	CHAR	CPSM	1	No	DIF	Key segment 20 modifiable			201

Table 234. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
MODKEY20 Input/Output Valid Values	N Y								
BINKEY20	CHAR	CPSM	1	No	DIF	Key segment 20 is binary			202
BINKEY20 Input/Output Valid Values	N Y								
NULKEY20	CHAR	CPSM	1	No	DIF	Key segment 20 allows null characters			203
NULKEY20 Input/Output Valid Values	N Y								
SAMKEY20	CHAR	CPSM	1	No	DIF	Key segment 20 part of next segment			204
SAMKEY20 Input/Output Valid Values	N Y								
ALTKY20	CHAR	CPSM	1	No	DIF	Key segment 20 uses EBCDIC sort sequence			205
ALTKY20 Input/Output Valid Values	N Y								
NUMNLK20	CHAR	CPSM	4	No	DIF	Key segment 20 null key number		0-255	206
POSKEY21	CHAR	CPSM	4	No	DIF	Key segment 21 position		0-4090	208
LENKEY21	CHAR	CPSM	4	No	DIF	Key segment 21 length		0-999	209
DUPKEY21	CHAR	CPSM	1	No	DIF	Key segment 21 allows duplicate keys			210
DUPKEY21 Input/Output Valid Values	N Y								
MODKEY21	CHAR	CPSM	1	No	DIF	Key segment 21 modifiable			211
MODKEY21 Input/Output Valid Values	N Y								
BINKEY21	CHAR	CPSM	1	No	DIF	Key segment 21 is binary			212

Resource table descriptions

Table 234. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
BINKEY21 Input/Output Valid Values	N Y								
NULKEY21	CHAR	CPSM	1	No	DIF	Key segment 21 allows null characters			213
NULKEY21 Input/Output Valid Values	N Y								
SAMKEY21	CHAR	CPSM	1	No	DIF	Key segment 21 part of next segment			214
SAMKEY21 Input/Output Valid Values	N Y								
ALTKEY21	CHAR	CPSM	1	No	DIF	Key segment 21 uses EBCDIC sort sequence			215
ALTKEY21 Input/Output Valid Values	N Y								
NUMNLK21	CHAR	CPSM	4	No	DIF	Key segment 21 null key number		0-255	216
POSKEY22	CHAR	CPSM	4	No	DIF	Key segment 22 position		0-4090	218
LENKEY22	CHAR	CPSM	4	No	DIF	Key segment 22 length		0-999	219
DUPKEY22	CHAR	CPSM	1	No	DIF	Key segment 22 allows duplicate keys			220
DUPKEY22 Input/Output Valid Values	N Y								
MODKEY22	CHAR	CPSM	1	No	DIF	Key segment 22 modifiable			221
MODKEY22 Input/Output Valid Values	N Y								
BINKEY22	CHAR	CPSM	1	No	DIF	Key segment 22 is binary			222
BINKEY22 Input/Output Valid Values	N Y								
NULKEY22	CHAR	CPSM	1	No	DIF	Key segment 22 allows null characters			223

Table 234. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
NULKEY22 Input/Output Valid Values	N Y								
SAMKEY22	CHAR	CPSM	1	No	DIF	Key segment 22 part of next segment			224
SAMKEY22 Input/Output Valid Values	N Y								
ALTKEY22	CHAR	CPSM	1	No	DIF	Key segment 22 uses EBCDIC sort sequence			225
ALTKEY22 Input/Output Valid Values	N Y								
NUMNLK22	CHAR	CPSM	4	No	DIF	Key segment 22 null key number		0-255	226
POSKEY23	CHAR	CPSM	4	No	DIF	Key segment 23 position		0-4090	228
LENKEY23	CHAR	CPSM	4	No	DIF	Key segment 23 length		0-999	229
DUPKEY23	CHAR	CPSM	1	No	DIF	Key segment 23 allows duplicate keys			230
DUPKEY23 Input/Output Valid Values	N Y								
MODKEY23	CHAR	CPSM	1	No	DIF	Key segment 23 modifiable			231
MODKEY23 Input/Output Valid Values	N Y								
BINKEY23	CHAR	CPSM	1	No	DIF	Key segment 23 is binary			232
BINKEY23 Input/Output Valid Values	N Y								
NULKEY23	CHAR	CPSM	1	No	DIF	Key segment 23 allows null characters			233
NULKEY23 Input/Output Valid Values	N Y								
SAMKEY23	CHAR	CPSM	1	No	DIF	Key segment 23 part of next segment			234

Resource table descriptions

Table 234. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
SAMKEY23 Input/Output Valid Values	N Y								
ALTKEY23	CHAR	CPSM	1	No	DIF	Key segment 23 uses EBCDIC sort sequence			235
ALTKEY23 Input/Output Valid Values	N Y								
NUMNLK23	CHAR	CPSM	4	No	DIF	Key segment 23 null key number		0-255	236
POSKEY24	CHAR	CPSM	4	No	DIF	Key segment 24 position		0-4090	238
LENKEY24	CHAR	CPSM	4	No	DIF	Key segment 24 length		0-999	239
DUPKEY24	CHAR	CPSM	1	No	DIF	Key segment 24 allows duplicate keys			240
DUPKEY24 Input/Output Valid Values	N Y								
MODKEY24	CHAR	CPSM	1	No	DIF	Key segment 24 modifiable			241
MODKEY24 Input/Output Valid Values	N Y								
BINKEY24	CHAR	CPSM	1	No	DIF	Key segment 24 is binary			242
BINKEY24 Input/Output Valid Values	N Y								
NULKEY24	CHAR	CPSM	1	No	DIF	Key segment 24 allows null characters			243
NULKEY24 Input/Output Valid Values	N Y								
SAMKEY24	CHAR	CPSM	1	No	DIF	Key segment 24 part of next segment			244
SAMKEY24 Input/Output Valid Values	N Y								
ALTKEY24	CHAR	CPSM	1	No	DIF	Key segment 24 uses EBCDIC sort sequence			245

Table 234. FSEGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
ALTKEY24 Input/Output Valid Values	N Y								
NUMNLK24	CHAR	CPSM	4	No	DIF	Key segment 24 null key number		0-255	246
CREATETIME	DATE TIME	CPSM	8	Yes	MAX	Definition create time			248
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			249
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			250
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			251
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			252

FSGINGRP Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6165 or FSGINGRP
Valid API operations	GET CREATE and REMOVE

Table 235. FSGINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 236. FSGINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
FSEGGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
FSEGNAME-2	CHAR	CPSM	8	Yes	DIF	File key segment definition name	6
FSEGVER-3	BINARY	CPSM	1	Yes	AVG	File key segment definition version	7

FTRINGRP Resource Table

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

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

There are no object specific actions for this resource class.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6173 or FTRINGRP
Valid API operations	GET CREATE and REMOVE

Table 237. FTRINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 238. FTRINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
FTRGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
FTRNAME-2	CHAR	CPSM	8	Yes	DIF	FEPI target definition name	6
FTRVER-3	BINARY	CPSM	1	Yes	AVG	FEPI target definition version	7

HOST Resource Table

A CICS resource that retrieves information about virtual hosts in the local system.

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

Length 144
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload
 No
Object type CICS Resource
Copybook identifier EYUt0163 or HOST
Valid API operations GET SET and PERFORM
Unsupported releases E530, E620 and E630

API Actions
ENABLE Enable
Parameters: None
DISABLE Disable
Parameters: None

Table 239. HOST resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved	
NAME-1	CHAR	INQ	116	DIF		Host name	1
TCPIPSERVICE-2	CHAR	INQ	8	DIF		Inbound port TCP/IP service relating to this host	2
ENABLESTATUS	CVDAS	INQ	4	LIKE	yes	Host status	3
ENABLESTATUS Input/Output Valid Values	ENABLED DISABLED						

HTASK Resource Table

A CICSplex SM Resource that provides information about a completed task. That is, a task that previously ran in a system managed by CICSplex SM, but has now been completed. Whilst a task is active, information can be obtained about the task by the TASK resource. Once the task completes, information can be obtained by the HTASK resource, provided CICSplex SM history recording has been activated for the task.

The **Primary** key field for this resource class is **TIME**, which represents the time the task was completed in the form of an eight byte store clock (STCK) value. This task completion STCK will always be in Universal Time, Coordinated (UTC). UTC is a universal time standard that is GMT without any adjustment for leap seconds. In the discussion of parameters below, be aware that all times are UTC, and when considering UTC completion times near to midnight, be aware that this has an impact on the date as well.

The following parameters are supported for the GET operation:

STARTDATE(mm/dd/yyyy)

STARTTIME(hh:mm:ss)

ENDDATE(mm/dd/yyyy)

ENDTIME(hh:mm:ss)

INTERVAL(value)

RECENT(value)

- If you use the RECENT parameter, you must not specify any other parameters.
- If you use the INTERVAL parameter, you must not specify the ENDDATE and ENDTIME parameters.

STARTDATE

Retrieve information for all tasks that were completed on or after the date specified. The date must be in the form MM/DD/YYYY. The default is today's date. If you specify STARTDATE with the RECENT parameter on a GET API operation, the request will fail with a TABLEERROR response and a DATAERROR reason. A FEEDBACK operation for the failing command will result in a FEEDBACK error code of INV_COMB_RECENT.

STARTTIME

Retrieve information for all tasks that were completed at or after the time specified. The time must be in the form HH:MM:SS. The default is the previous midnight (00:00:00). If you specify STARTTIME with the RECENT parameter on a GET API operation, the request will fail with a TABLEERROR response and a DATAERROR reason. A FEEDBACK operation for the failing command will result in a FEEDBACK error code of INV_COMB_RECENT.

ENDDATE

Retrieve information for all tasks that were completed on or before the date specified. The date must be in the form MM/DD/YYYY. The default is today's date. If you specify ENDDATE with either of the RECENT or INTERVAL parameters on a GET API operation, the request will fail with a TABLEERROR response and a DATAERROR reason. A FEEDBACK operation for the failing command will result in a FEEDBACK error code of either INV_COMB_RECENT or INV_COMB_INTV_ED.

Resource table descriptions

ENDTIME

Retrieve information for all tasks that were completed at or before the time specified. The time must be in the form HH:MM:SS. The default is one second to midnight (23:59:59).

If you specify ENDTIME with either of the RECENT or INTERVAL parameters on a GET API operation, the request will fail with a TABLEERROR response and a DATAERROR reason. A FEEDBACK operation for the failing command will result in a FEEDBACK error code of either INV_COMB_RECENT or INV_COMB_INTV_ET.

If you specify an earlier ENDDATE and ENDTIME than the specified STARTDATE and STARTTIME on a GET API operation, the request will fail with a TABLEERROR response and a DATAERROR reason. A FEEDBACK operation for the failing command will result in a FEEDBACK error code of INV_COMB_START_END.

INTERVAL

Retrieve information for all tasks that were completed within n seconds of the STARTDATE and STARTTIME where n is the value specified for INTERVAL. The maximum value is 99,999,999. You can also use two special values for INTERVAL:

HISTSECS

Use the number of seconds specified by the HISTSECS EYUPARM.

NOLIMIT

Retrieve information for all tasks that were completed after STARTDATE and STARTTIME.

If you specify INTERVAL with any of the ENDDATE, ENDTIME, or RECENT parameters on a GET API operation, the request will fail with a TABLEERROR response and a DATAERROR reason. A FEEDBACK operation for the failing command will result in a FEEDBACK error code of INV_COMB_INTV_ED, INV_COMB_INTV_ET, or INV_COMB_RECENT.

If you specify a value for the INTERVAL parameter which is not a numeric value or one of its special values, on a GET API operation, the request will fail with a TABLEERROR response and a DATAERROR reason. A FEEDBACK operation for the failing command will result in a FEEDBACK error code of INV_INTERVAL.

RECENT

Retrieve information for all tasks that were completed within the last n seconds, where n is the value specified for RECENT. The maximum value is 99,999,999. You can also use two special values for RECENT:

HISTSECS

Use the number of seconds specified by the HISTSECS EYUPARM.

NOLIMIT

Retrieve information for all completed tasks that CICSplex SM has recorded on its history data sets.

0

Retrieve history data that is still being accumulated for tasks that are still active. This data has not yet been written to the VSAM history data sets. It is monitoring data that is being written to CICS performance records for active tasks, where monitoring options have been specified.

If you specify the RECENT parameter with any of the STARTDATE, STARTTIME, ENDDATE, ENDTIME, or INTERVAL parameters on a GET API operation, the request will fail with a TABLEERROR response and a DATAERROR reason. A FEEDBACK operation for the failing command will result in a FEEDBACK error code of INV_COMB_RECENT.

If you specify a value for the RECENT parameter which is not a numeric value or one of its special values, on a GET API operation, the request will fail with a TABLEERROR response and a DATAERROR reason. A FEEDBACK operation for the failing command will result in a FEEDBACK error code of INV_RECENT.

Note: The CICSplex SM API requires the formats of STARTDATE, STARTTIME, ENDDATE and ENDTIME to be as given in the above definitions, but when these dates and times are displayed on the Web User Interface, or input directly via the Web User Interface, the DATEFORMAT, DATESEPARATOR, TIMESEPARATOR and DECIMALSEPARATOR EYUWUI parameters in force for the Web User Interface Server are used.

There are no object specific actions for this resource class.

Length	2024
Usage	API
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0154 or HTASK
Valid API operations	GET

Table 240. HTASK FEEDBACK error codes

Code	Description	Code	Description
INV_COMB_INTV_ED	Bad combination (INTERVAL+ENDDATE)	INV_COMB_START_END	STARTDATE/TIME must precede ENDDATE/TIME
INV_COMB_INTV_ET	Bad combination (INTERVAL+ENDTIME)	INV_INTERVAL	Invalid INTERVAL value
INV_COMB_RECENT	RECENT parameter not unique	INV_RECENT	Invalid RECENT value

Resource table descriptions

Table 241. HTASK resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
TIME-1	HEX	CMF	8	MIN	Time key		1
START	DATETIME	CMF	8	MAX	Task start time		2
STOP	DATETIME	CMF	8	MAX	Task stop time		3
UOWID	HEX	CMF	8	MIN	Local unit of work (UOW) ID		4
USERID	CHAR	CMF	8	DIF	User ID		5
TRANCLASS	CHAR	CMF	8	DIF	Transaction class		6
FIRSTPRGM	CHAR	CMF	8	DIF	First program name		7
LUNAME	CHAR	CMF	8	DIF	VTAM LU name		8
TRANID	CHAR	CMF	4	DIF	Transaction ID		9
TRANATYPE	CHAR	CMF	4	DIF	Transaction type		10
NETNAME	CHAR	CMF	20	DIF	LU 6.2 network-wide UOW netname		11
FACILITY	CHAR	CMF	4	DIF	Principal facility		12
FACILITYTYPE	EYUDA	CMF	4	LIKE	Facility type		13
FACILITYTYPE Output Valid Values	TERMINAL TDQUEUE START						
PRIORITY	BINARY	CMF	4	AVG	Task priority		14
RECTYPE	CHAR	CMF	4	DIF	Record type		15
TASKFLAG	BINARY	CMF	4	AVG	Transaction error flags		16
ABCODEO	CHAR	CMF	4	DIF	Original ABEND code		17
ABCODEC	CHAR	CMF	4	DIF	Current ABEND code		18
MSGIN	BINARY	CMF	4	AVG	Number of primary TC messages received		19

Table 241. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
CHARIN	BINARY	CMF	4	AVG	Number of primary TC characters received		20
MSGOUT	BINARY	CMF	4	AVG	Number of primary TC messages sent		21
CHAROUT	BINARY	CMF	4	AVG	Number of primary TC characters sent		22
MSGINSEC	BINARY	CMF	4	AVG	Number of secondary TC messages received		23
CHARINSEC	BINARY	CMF	4	AVG	Number of secondary TC characters received		24
MSGOUTSEC	BINARY	CMF	4	AVG	Number of secondary TC messages sent		25
CHAROUTSEC	BINARY	CMF	4	AVG	Number of secondary TC characters sent		26
ALLOCATES	BINARY	CMF	4	AVG	Number of ALLOCATE requests		27
USTG24CNT	BINARY	CMF	4	AVG	Number of user storage GETMAIN requests below 16MB		28
USTG31CNT	BINARY	CMF	4	AVG	Number of user storage GETMAIN requests above 16MB		29
CDSAGETM	BINARY	CMF	4	AVG	Number of GETMAIN requests in CDSA		30
ECDSAGETM	BINARY	CMF	4	AVG	Number of GETMAIN requests in ECDSA		31
USTG24HWM	BINARY	CMF	4	AVG	Peak number of bytes used by task in UDSA		32
USTG31HWM	BINARY	CMF	4	AVG	Peak number of bytes used by task in EUDSA		33
CDSASHWM	BINARY	CMF	4	AVG	Peak number of bytes used by task in CDSA		34

Resource table descriptions

Table 241. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
ECDSASHWM	BINARY	CMF	4	AVG	Peak number of bytes used by task in ECDSA		35
USTG24OCC	BINARY	CMF	8	AVG	Average storage usage below 16MB		37
USTG31OCC	BINARY	CMF	8	AVG	Average storage usage above 16MB		38
CDSASOCC	BINARY	CMF	4	AVG	Average CDSA storage usage		39
ECDSASOCC	BINARY	CMF	4	AVG	Average ECDSA storage usage		40
PSTGHWM	BINARY	CMF	4	AVG	Maximum program storage across all DSAs		41
PSTG24HWM	BINARY	CMF	4	AVG	Maximum program storage below 16MB		42
PSTG31HWM	BINARY	CMF	4	AVG	Maximum program storage above 16MB		43
USRPS31HWM	BINARY	CMF	4	AVG	Maximum program storage in EUDSA		44
USRPS24HWM	BINARY	CMF	4	AVG	Maximum program storage in UDSA		45
ECDSAPSHWM	BINARY	CMF	4	AVG	Maximum program storage in ECDSA		46
CDSAPSHWM	BINARY	CMF	4	AVG	Maximum program storage in CDSA		47
ROPS31HWM	BINARY	CMF	4	AVG	Maximum read-only program storage		48
FCGETCNT	BINARY	CMF	4	AVG	Number of file control READ requests		49
FCPUTCNT	BINARY	CMF	4	AVG	Number of file control WRITE requests		50
FCBRWCNT	BINARY	CMF	4	AVG	Number of file control BROWSE requests		51

Table 241. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
FCADDCNT	BINARY	CMF	4	AVG	Number of file control ADD requests		52
FCDELCNT	BINARY	CMF	4	AVG	Number of file control DELETE requests		53
FCCOUNT	BINARY	CMF	4	AVG	Total number of file control requests		54
FCAMCNT	BINARY	CMF	4	AVG	Number of file control access method requests		55
TDGETCNT	BINARY	CMF	4	AVG	Number of transient data GET requests		56
TDPUTCNT	BINARY	CMF	4	AVG	Number of transient data PUT requests		57
TDPURCNT	BINARY	CMF	4	AVG	Number of transient data PURGE requests		58
TDCOUNT	BINARY	CMF	4	AVG	Total number of transient data requests		59
TSGETCNT	BINARY	CMF	4	AVG	Number of temporary storage GET requests		60
TSPUTACNT	BINARY	CMF	4	AVG	Number of TS PUT requests to auxiliary storage		61
TSPUTMCNT	BINARY	CMF	4	AVG	Number of TS PUT requests to main storage		62
TSCOUNT	BINARY	CMF	4	AVG	Total number of TS requests		63
BMSMAPCNT	BINARY	CMF	4	AVG	Number of BMS map requests		64
BMSINCNT	BINARY	CMF	4	AVG	Number of BMS map in requests		65
BMSOUTCNT	BINARY	CMF	4	AVG	Number of BMS map out requests		66
BMSCOUNT	BINARY	CMF	4	AVG	Total number of BMS requests		67
PCLINKCNT	BINARY	CMF	4	AVG	Number of program LINK requests		68

Resource table descriptions

Table 241. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
PCXCTLCNT	BINARY	CMF	4	AVG	Number of program transfer control (XCTL) requests		69
PCLOADCNT	BINARY	CMF	4	AVG	Number of program LOAD requests		70
JCUSRWCNT	BINARY	CMF	4	AVG	Number of journal output requests		71
ICCOUNT	BINARY	CMF	4	AVG	Number of interval control requests		72
SYNCCOUNT	BINARY	CMF	4	AVG	Number of syncpoint requests		73
DISPTIME	SCLOCK	CMF	8	MAX	User task dispatch time		75
CPUTIME	SCLOCK	CMF	8	MAX	User task CPU time		76
SUSPTIME	SCLOCK	CMF	8	MAX	Task suspend time		77
WAITTIME	SCLOCK	CMF	8	MAX	Dispatch wait time		78
EXWAIT	SCLOCK	CMF	8	MAX	Exception wait time		79
TCIOTIME	SCLOCK	CMF	8	MAX	Terminal control I/O wait time		80
FCIOTIME	SCLOCK	CMF	8	MAX	File control I/O wait time		81
JCIOTIME	SCLOCK	CMF	8	MAX	Journal control I/O wait time		82
TSIOTIME	SCLOCK	CMF	8	MAX	TS I/O wait time		83
IRIOTIME	SCLOCK	CMF	8	MAX	Interregion communication (MRO) I/O wait time		84
TDIOTIME	SCLOCK	CMF	8	MAX	Transient data I/O wait time		85
PCLOADTM	SCLOCK	CMF	8	MAX	Program load time		86
ISOLATEST	EYUDA	CMF	4	LIKE	Data isolation type		87
ISOLATEST Output Valid Values	NO YES						
TASKDATAKEY	EYUDA	CMF	4	LIKE	Data storage key		88
TASKDATAKEY Output Valid Values	CICS USER						

Table 241. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
TASKDATALOC	EYUDA	CMF	4	LIKE	Data location above/below 16MB		89
TASKDATALOC Output Valid Values	BELOW ANY						
RSYSID	CHAR	CMF	4	DIF	Remote system ID		90
TCM62IN2	BINARY	CMF	4	AVG	Number of secondary LU62 TC messages received		91
TCC62IN2	BINARY	CMF	4	AVG	Number of secondary LU62 TC characters received		92
TCM62OU2	BINARY	CMF	4	AVG	Number of secondary LU62 TC messages sent		93
TCC62OU2	BINARY	CMF	4	AVG	Number of secondary LU62 TC characters sent		94
PC24RHWM	BINARY	CMF	4	AVG	Maximum read-only program storage on RDSA		95
PC31SHWM	BINARY	CMF	4	AVG	Maximum shared program storage in ESDSA		96
PC24SHWM	BINARY	CMF	4	AVG	Maximum shared program storage in SDSA		97
SZALLOCT	BINARY	CMF	4	AVG	Number of FEPI ALLOCATE requests		98
SZRCVCT	BINARY	CMF	4	AVG	Number of FEPI RECEIVE requests		99
SZSENDCT	BINARY	CMF	4	AVG	Number of FEPI SEND requests		100
SZSTRCTCT	BINARY	CMF	4	AVG	Number of FEPI START requests		101
SZCHROUT	BINARY	CMF	4	AVG	Number of FEPI characters sent		102
SZCHRIN	BINARY	CMF	4	AVG	Number of FEPI characters received		103

Resource table descriptions

Table 241. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
SZALLCTO	BINARY	CMF	4	AVG	Number of FEPI ALLOCATE timeouts		104
SZRCVTO	BINARY	CMF	4	AVG	Number of FEPI RECEIVE timeouts		105
SZTOTCT	BINARY	CMF	4	AVG	Total number of FEPI requests		106
SZWAIT	SCLOCK	CMF	8	MAX	FEPI suspend time		107
DSPDELAY	SCLOCK	CMF	8	MAX	First dispatch delay time		108
TCLDELAY	SCLOCK	CMF	8	MAX	First dispatch delay time caused by TCL		109
MXTDELAY	SCLOCK	CMF	8	MAX	First dispatch delay time caused by MXT		110
ENQDELAY	SCLOCK	CMF	8	MAX	Local enqueue delay time		111
LU61WTT	SCLOCK	CMF	8	MAX	LU61 I/O wait time		112
LU62WTT	SCLOCK	CMF	8	MAX	LU62 I/O wait time		113
RMITIME	SCLOCK	CMF	8	MAX	Total RMI elapsed time		114
RMISUSP	SCLOCK	CMF	8	MAX	Total RMI suspend time		115
WLMSSRVNAME	CHAR	CMF	8	DIF	Workload manager service class name		116
WLMRPTRCNAME	CHAR	CMF	8	DIF	Workload manager report class name		117
TRANFLAGS	HEX	CMF	8	MIN	Transaction flags		118
PERFRECNT	BINARY	CMF	4	AVG	Number of performance records		119
TERMCONNAME	CHAR	CMF	4	DIF	Terminal connection name		120
SHSTGGMCBEL	BINARY	CMF	4	AVG	Shared storage GETMAIN request count below 16MB		121
SHSTGBYTEGMB	BINARY	CMF	4	AVG	GETMAIN byte count of shared storage below 16MB		123
SHSTGBYTEFMB	BINARY	CMF	4	AVG	FREEMAIN byte count of shared storage below 16MB		124

Table 241. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
SHSTGGMCAVB	BINARY	CMF	4	AVG	Shared storage GETMAIN request count above 16MB		125
SHSTGBYTEGMA	BINARY	CMF	4	AVG	GETMAIN byte count of shared storage above 16MB		126
SHSTGBYTEFMA	BINARY	CMF	4	AVG	FREEMAIN byte count of shared storage above 16M		127
JRNLRITREQ	BINARY	CMF	4	AVG	Number of journal write requests		128
LOGGRWRITREQ	BINARY	CMF	4	AVG	Number of CICS logger write requests		129
TERMINALINFO	HEX	CMF	4	MIN	Terminal information		130
SYNCPWAITTM	SCLOCK	CMF	8	MAX	Syncpoint wait time		131
RLSWAITTIME	SCLOCK	CMF	8	MAX	VSAM Record Level Sharing wait time		132
UOWINSTSEQ	HEX	CMF	8	MIN	LU6.2 network-wide UOW instance & sequence number		133
INDOUBT	EYUDA	CMF	4	LIKE	Transaction indoubt option		134
INDOUBT Output Valid Values	BACKWARD FORWARD						
INDOUBTWAIT	EYUDA	CMF	4	LIKE	Indoubt wait time		135
INDOUBTWAIT Output Valid Values	YES NO						
BRIDGE	CHAR	CMF	4	DIF	Bridge transaction ID		136
BRDGTRAN	EYUDA	CMF	4	LIKE	Transaction ID started by bridge		137
BRDGTRAN Output Valid Values	YES NO						
LOCKMGRWAIT	SCLOCK	CMF	8	MAX	Lock manager wait time		138
EXTERNWAIT	SCLOCK	CMF	8	MAX	External wait time		139

Resource table descriptions

Table 241. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
CICSWAIT	SCLOCK	CMF	8	MAX	CICS event wait time		140
INTVLWAIT	SCLOCK	CMF	8	MAX	Interval control delay time		141
CONTROLWAIT	SCLOCK	CMF	8	MAX	Give-up-control wait time		142
SHAREDTSWAIT	SCLOCK	CMF	8	MAX	Shared temporary storage I/O wait time		143
RLSCLPUT	SCLOCK	CMF	8	MAX	CPU time used by VSAM Record Level Sharing		144
INTVLC	BINARY	CMF	4	AVG	Interval control count		145
PCLURMCT	BINARY	CMF	4	AVG	Number of user replaceable module link requests		146
CFDTSWAIT	SCLOCK	CMF	8	MAX	CFDT wait time		147
SRVSYWTT	SCLOCK	CMF	8	MAX	CFDT syncpoint wait time		148
PRCSNAME	CHAR	CMF	36	DIF	BTS process name		149
PRCSID	HEX	CMF	52	MIN	BTS process ID		150
PRCSTYPE	CHAR	CMF	8	DIF	BTS process type		151
ACTVTYNM	CHAR	CMF	16	DIF	BTS activity name		152
ACTVTYID	HEX	CMF	52	MIN	BTS activity ID		153
BARSYNCT	BINARY	CMF	4	AVG	BTS run synchronous requests		154
BARASYCT	BINARY	CMF	4	AVG	BTS run asynchronous requests		155
BALKPACT	BINARY	CMF	4	AVG	BTS link requests		156
BADPROCT	BINARY	CMF	4	AVG	BTS define process requests		157
BADACTCT	BINARY	CMF	4	AVG	BTS define activity requests		158
BARSFACT	BINARY	CMF	4	AVG	BTS reset requests		159
BASUPACT	BINARY	CMF	4	AVG	BTS suspend requests		160
BARMPACT	BINARY	CMF	4	AVG	BTS resume requests		161
BADCPACT	BINARY	CMF	4	AVG	BTS delete activity and cancel requests		162
BAACQPCT	BINARY	CMF	4	AVG	BTS acquire requests		163

Table 241. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
BATOTPCT	BINARY	CMF	4	AVG	BTS total requests		164
BAPRDCCT	BINARY	CMF	4	AVG	BTS process data container requests		165
BAACDCCT	BINARY	CMF	4	AVG	BTS activity data container requests		166
BATOTCCT	BINARY	CMF	4	AVG	BTS total data container requests		167
BARATECT	BINARY	CMF	4	AVG	BTS retrieve reattach event requests		168
BADFIECT	BINARY	CMF	4	AVG	BTS define input event requests		169
BATAIECT	BINARY	CMF	4	AVG	BTS timer associated event requests		170
BATOTECT	BINARY	CMF	4	AVG	BTS total event requests		171
RUNTRWTT	SCLOCK	CMF	8	MAX	Run synchronous transaction wait time		173
SYNCDLY	SCLOCK	CMF	8	MAX	Waiting for parent syncpoint delay time		174
WBRVCCT	BINARY	CMF	4	AVG	Number of WEB RECEIVE requests		175
WBCHRIN	BINARY	CMF	4	AVG	Number of Web characters received		176
WBSENDCT	BINARY	CMF	4	AVG	Number of WEB SEND requests		177
WBCHROUT	BINARY	CMF	4	AVG	Number of Web characters sent		178
WBTOTCT	BINARY	CMF	4	AVG	Total number of Web requests		179
WBREPWCT	BINARY	CMF	4	AVG	Number of Web repository writes		180
DHCRECT	BINARY	CMF	4	AVG	Number of DOCUMENT CREATE requests		181

Resource table descriptions

Table 241. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
DHINSCT	BINARY	CMF	4	AVG	Number of DOCUMENT INSERT requests		182
DHSETCT	BINARY	CMF	4	AVG	Number of DOCUMENT SET requests		183
DHRETCT	BINARY	CMF	4	AVG	Number of DOCUMENT RETRIEVE requests		184
DHTOTCT	BINARY	CMF	4	AVG	Total number of document requests		185
DHTOTDCL	BINARY	CMF	4	AVG	Total length of documents created		186
IMSWAIT	SCLOCK	CMF	8	MAX	IMS request wait time		187
DB2RDYQW	SCLOCK	CMF	8	MAX	DB2 ready queue wait time		188
DB2CONWT	SCLOCK	CMF	8	MAX	DB2 connection(TCB) wait time		189
DB2WAIT	SCLOCK	CMF	8	MAX	DB2 request wait time		190
MXTOTDLY	SCLOCK	CMF	8	MAX	Maximum open TCB delay time		191
QRMODDLY	SCLOCK	CMF	8	MAX	QR TCB mode delay time		192
QRDISPT	SCLOCK	CMF	8	MAX	Dispatch time whilst running in QR TCB mode		193
QRCPUT	SCLOCK	CMF	8	MAX	CPU time used whilst running in QR TCB mode		194
MSDISPT	SCLOCK	CMF	8	MAX	Other TCB mode dispatch time		195
MSCPUT	SCLOCK	CMF	8	MAX	Other TCB mode CPU time		196
L8CPUT	SCLOCK	CMF	8	MAX	L8 TCB mode CPU time		197
J8CPUT	SCLOCK	CMF	8	MAX	J8 TCB mode CPU time		198
S8CPUT	SCLOCK	CMF	8	MAX	S8 TCB mode CPU time		199
IMSREQCT	BINARY	CMF	4	AVG	Total number of IMS requests		200
DB2REQCT	BINARY	CMF	4	AVG	Total number of DB2 requests		201

Table 241. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
CHMODECT	BINARY	CMF	4	AVG	Number of CICS dispatcher change modes	E640 and higher	202
TCBATTCT	BINARY	CMF	4	AVG	Number of CICS dispatcher TCB attaches		203
GNQDELAY	SCLOCK	CMF	8	MAX	Global enqueue delay time		204
RRMSWAIT	SCLOCK	CMF	8	MAX	RRMS/MVS syncpoint coordination delay time		205
SOIOWTT	SCLOCK	CMF	8	MAX	Inbound TCP/IP sockets I/O wait time		206
RRMSURID	HEX	CMF	16	MIN	RRMS/MVS unit of recovery ID		207
CLIPADDR	CHAR	CMF	16	DIF	Client IP address		208
PCDPLCT	BINARY	CMF	4	AVG	Distributed program link (DPL) request count		209
SOBYENCT	BINARY	CMF	4	AVG	Number of socket bytes encrypted		210
SOBYDECT	BINARY	CMF	4	AVG	Number of socket bytes decrypted		211
TERMID	CHAR	CMF	4	DIF	Actual terminal ID or session ID		212
JVMTIME	SCLOCK	CMF	8	MAX	Total JVM elapsed time		213
JVMSUSP	SCLOCK	CMF	8	MAX	Total JVM suspend time		214
TASK	DECIMAL	CMF	4	MAX	Task ID		218
TMRTGPID	HEX	CMF	28	DIF	Transaction group ID		219
TMRNETID	CHAR	CMF	8	DIF	Network ID	E530	221
TMRRLUNM	CHAR	CMF	8	DIF	Real LU name	E530	222
TMRPORTN	BINARY	CMF	4	AVG	TCP/IP service port number	E530	223
TMROTSID	CHAR	CMF	128	DIF	OTS transaction ID	E530	224
TMRCFACT	BINARY	CMF	4	AVG	Number of OO class library API requests		225
TMRWBRPR	BINARY	CMF	4	AVG	Number of repository reads		226

Resource table descriptions

Table 241. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
TMRWBERC	BINARY	CMF	4	AVG	Number of WEB EXTRACT requests	E530	227
TMRWBBERC	BINARY	CMF	4	AVG	Number of WEB BROWSE requests	E530	228
TMRWBRRRC	BINARY	CMF	4	AVG	Number of WEB READ requests	E530	229
TMRWBWRC	BINARY	CMF	4	AVG	Number of WEB WRITE requests	E530	230
TMRSOERC	BINARY	CMF	4	AVG	EXTRACT TCPIP & EXTRACT CERTIFICATE request count	E530	231
TMRSOCNS	BINARY	CMF	4	AVG	Number of CREATE non-persistent socket requests	E530	232
TMRSOCPS	BINARY	CMF	4	AVG	Number of CREATE persistent socket requests	E530	233
TMRSONHW	BINARY	CMF	4	AVG	Peak number of non-persistent sockets	E530	234
TMR SOPHW	BINARY	CMF	4	AVG	Peak number of persistent sockets	E530	235
TMRSORCT	BINARY	CMF	4	AVG	Number of socket receive requests	E530	236
TMRSOCIN	BINARY	CMF	4	AVG	Number of characters received	E530	237
TMRSOCST	BINARY	CMF	4	AVG	Number of socket send requests	E530	238
TMRSOCOT	BINARY	CMF	4	AVG	Number of characters sent	E530	239
TMRSOCOTC	BINARY	CMF	4	AVG	Total number of socket requests	E530	240
TMRSOIMC	BINARY	CMF	4	AVG	Number of inbound socket receive requests	E530	241
TMRSOI1C	BINARY	CMF	4	AVG	Number of inbound socket characters received	E530	242
TMRSOOMC	BINARY	CMF	4	AVG	Number of inbound socket send requests	E530	243

Table 241. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
TMRSOO1C	BINARY	CMF	4	AVG	Number of inbound socket characters sent	E530	244
TMRRODSP	SCLOCK	CMF	8	AVG	User task read-only mode dispatch time	E530	246
TMRROCPU	SCLOCK	CMF	8	AVG	User task read-only mode CPU time	E530	247
TMRKY8DS	SCLOCK	CMF	8	AVG	User task key 8 mode dispatch time	E530	248
TMRKY8CP	SCLOCK	CMF	8	AVG	User task key 8 mode CPU time	E530	249
TMRJTDLY	SCLOCK	CMF	8	AVG	Maximum JVM TCB delay time	E530	250
TMRHTDLY	SCLOCK	CMF	8	AVG	Maximum hot-pooling TCB delay time	E530 and E640 and higher	251
TMRSOOWT	SCLOCK	CMF	8	AVG	Outbound TCP/IP sockets I/O wait time	E530	252
TMRQRWT	SCLOCK	CMF	8	AVG	Request receiver wait time	E530	253
TMRQPWT	SCLOCK	CMF	8	AVG	Request processor wait time	E530	254
TMROIDWT	SCLOCK	CMF	8	AVG	OTS indoubt wait time	E530	255
TMRJVMIT	SCLOCK	CMF	8	AVG	JVM elapsed time - initializing	E530	256
TMRJVMRT	SCLOCK	CMF	8	AVG	JVM elapsed time - resetting	E530	257
TMRPTPWT	SCLOCK	CMF	8	AVG	Partner wait time	E530	258
TMRNETSX	HEX	CMF	8	DIF	LU6.2 network-wide UOW instance & sequence number		259
TMRTPSV	CHAR	CMF	8	DIF	TCP/IP Service name	E530	260
NETUOWID	HEX	CMF	27	MIN	LU6.2 network-wide UOW ID		262
DETRANYPE	EYUDA	CPSM	4	LIKE	Transaction type details		263
DETRANYPE Output Valid Values	NONE	SYSTEM MIRROR DPL ONCRPC WEB BRIDGE CICSBTS					

Resource table descriptions

Table 241. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
BTECOMP	EYUDA	CPSM	4	LIKE	Workload manager begin-to-end phase complete		264
BTECOMP Output Valid Values	YES NO						
EXECOMP	EYUDA	CPSM	4	LIKE	Workload manager execution phase complete		265
EXECOMP Output Valid Values	YES NO						
SUBEXECOMP	EYUDA	CPSM	4	LIKE	WLM subset of execution phase complete		266
SUBEXECOMP Output Valid Values	YES NO						
ORIGINTYPE	EYUDA	CPSM	4	LIKE	Transaction origin type		267
ORIGINTYPE Output Valid Values	NONE TERMINAL TDQUEUE START TERMSTART SCHEDULED XMRUN BRIDGE SOCKET WEB IIOP RRS LU61 LU62 MRO ECI IIRQRECVR RZSTRPT						
RESOLVEACT	EYUDA	CPSM	4	LIKE	Recovery manager UOW resolved with indoubt action		268
RESOLVEACT Output Valid Values	YES NO						
SHUNTED	EYUDA	CPSM	4	LIKE	Recovery manager UOW shunted		269
SHUNTED Output Valid Values	YES NO						
UNSHUNTED	EYUDA	CPSM	4	LIKE	Recovery manager UOW unshunted		270
UNSHUNTED Output Valid Values	YES NO						
INDOUBTFAIL	EYUDA	CPSM	4	LIKE	Recovery manager UOW indoubt failure		271

Table 241. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
INDOUBTFAIL Output Valid Values	YES NO						
ROFAIL	EYUDA	CPSM	4	LIKE	Recovery manager UOW resource owner failure		272
ROFAIL Output Valid Values	YES NO						
RESPTIME	INTSTCK	CPSM	8	MAX	Task response time		273
CORREUOW	HEX	CPSM	23	MIN	Correlation UOW ID		274
TMRCBRNM	CHAR	CMF	4	N/A	CorbaServer name	E530 and E620	276
TMRDSTHW	BINARY	CMF	4	AVG	Peak number of CICS dispatcher TCBs	E620	277
TMREJBAC	BINARY	CMF	4	AVG	Number of bean state activation requests	E620	278
TMREJBPC	BINARY	CMF	4	AVG	Number of bean state passivation requests	E620	279
TMREJBCC	BINARY	CMF	4	AVG	Number of bean creation requests	E620	280
TMREJBRC	BINARY	CMF	4	AVG	Number of bean removal requests	E620	281
TMREJMCT	BINARY	CMF	4	AVG	Number of Enterprise bean method calls	E620	282
TMRKY9DS	SCLOCK	STAT	8	AVG	User task key 9 mode dispatch time	E620	283
TMRKY9CP	SCLOCK	STAT	8	AVG	User task key 9 mode CPU time	E620	284
TMRJ9CPU	SCLOCK	CMF	8	MAX	J9 TCB mode CPU time	E620	285
TMRDSMWT	SCLOCK	CMF	8	MAX	Dispatcher TCB mismatch wait time	E620	286
TMRDSCWT	SCLOCK	CMF	8	MAX	Dispatcher MVS storage constraint wait time	E620	287

Resource table descriptions

Table 241. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
TMREJBTC	BINARY	CMF	4	AVG	Total number of Enterprise bean requests	E620	288
TMRPCDLL	BINARY	CMF	4	AVG	Data length of all DPL program links with channel	E620 and E630	289
TMRPCDRL	BINARY	CMF	4	AVG	Total data length of all DPL returns with channel	E620 and E630	290
TMRPCLCC	BINARY	CMF	4	AVG	Number of program link requests with channel	E620 and E630	291
TMRPCXCC	BINARY	CMF	4	AVG	Number of program XCTL requests with channel	E620 and E630	292
TMRPCDCC	BINARY	CMF	4	AVG	Number of DPL program link requests with channel	E620 and E630	293
TMRPCRCC	BINARY	CMF	4	AVG	Number of program return requests with channel	E620 and E630	294
TMRPCRCL	BINARY	CMF	4	AVG	Data length of all program returns with channel	E620 and E630	295
TMRPGCTC	BINARY	CMF	4	AVG	Total number of channel data container requests	E620 and E630	296
TMRPGBCC	BINARY	CMF	4	AVG	Number of browse container channel requests	E620 and E630	297
TMRPGGCC	BINARY	CMF	4	AVG	Number of get container channel requests	E620 and E630	298
TMRPGPCC	BINARY	CMF	4	AVG	Number of put container channel requests	E620 and E630	299
TMRPGMCC	BINARY	CMF	4	AVG	Number of move container channel requests	E620 and E630	300
TMRPGGCL	BINARY	CMF	4	AVG	Data length of all get container channel requests	E620 and E630	301
TMRPGPCL	BINARY	CMF	4	AVG	Data length of all put container channel requests	E620 and E630	302
TMRWBIWC	BINARY	CMF	4	AVG	Number of invoke web service requests	E620 and E630	303

Table 241. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
TMRWBROC	BINARY	CMF	4	AVG	Number of web read requests	E620 and E630	304
TMRWBWOC	BINARY	CMF	4	AVG	Number of web write requests	E620 and E630	305
TMRWBIRC	BINARY	CMF	4	AVG	Number of web receive requests	E620 and E630	306
TMRWBI1C	BINARY	CMF	4	AVG	Number of bytes received by web requests	E620 and E630	307
TMRWBOSC	BINARY	CMF	4	AVG	Number of web send requests	E620 and E630	308
TMRWBO1C	BINARY	CMF	4	AVG	Number of bytes sent by web send requests	E620 and E630	309
TMRWBPRC	BINARY	CMF	4	AVG	Number of web parse requests	E620 and E630	310
TMRWBBOC	BINARY	CMF	4	AVG	Number of web browse requests	E620 and E630	311
TMRSTDLY	SCLOCK	CMF	8	AVG	Maximum CICS SSL TCB delay time	E620 and E630	312
TMRXTDLY	SCLOCK	CMF	8	AVG	Maximum CICS XPLink TCB delay time	E620 and E630	313
TMRCMDLY	SCLOCK	CMF	8	AVG	CICS TCB Change Mode delay time	E620 and E630	314
TMRX8CPU	SCLOCK	CMF	8	AVG	User task X8 mode CPU time	E620 and E630	315
TMRX9CPU	SCLOCK	CMF	8	AVG	User task X9 mode CPU time	E620 and E630	316
TMRICSCC	BINARY	CMF	4	AVG	Total local interval control starts with channel	E620 and E630	317
TMRICSCD	BINARY	CMF	4	AVG	Data length of all local IC starts with channel	E620 and E630	318
TMRICSRC	BINARY	CMF	4	AVG	Total remote interval control starts with channel	E620 and E630	319
TMRICSRD	BINARY	CMF	4	AVG	Data length of all remote IC starts with channel	E620 and E630	320
TMRL9CPU	SCLOCK	CMF	8	MAX	User task L9 mode CPU time	E620 and E630	321
TMRWBRDL	BINARY	CMF	4	AVG	Data length of data read from the repository	E620 and E630	322

Resource table descriptions

Table 241. HTASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
TMRWBWDL	BINARY	CMF	4	AVG	Data length of data written to the repository	E620 and E630	323
TMRPGCCC	BINARY	CMF	4	AVG	Number of containers created for channel containers	E620 and E630	324

INDTDQ Resource Table

A CICS Resource that describes an indirect transient data queue in an active CICS system being managed by CICSplex SM.

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

The following action is supported:

DISCARD

Discard the destination.

The DISCARD action requires no unique parameter data.

Length	32
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0028 or INDTDQ
Valid API operations	GET and PERFORM

API Actions

DISCARD Discard

Parameters: None

Resource table descriptions

Table 242. INDDTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
TDQUEUE-1	CHAR	INQ	4	DIF	Queue ID		1
INDIRECTNAME	CHAR	INQ	4	DIF	Indirect name		2
INDIRECTTYPE	CVDAS	INQ	4	LIKE	Indirect destination type		3
INDIRECTTYPE Output Valid Values	INTRA EXTRA INDIRECT REMOTE						
OUTCNT	BINARY	STAT	4	AVG	Number of READ, WRITE, and DELETE requests		4

INTRATDQ Resource Table

A CICS Resource that describes an intrapartition transient data queue in an active CICS system being managed by CICSplex SM.

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

The following actions are supported:

DISABLE

Disable the destination.

DISCARD

Discard a disabled destination.

ENABLE

Enable the destination.

These actions require no unique parameter data.

Length	72
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0027 or INTRATDQ
Valid API operations	GET SET and PERFORM

API Actions

DISCARD Discard

Parameters: None

DISABLE Disable

Parameters: None

ENABLE Enable

Parameters: None

Resource table descriptions

Table 243. INTRATDQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved			
TDQUEUE-1	CHAR	INQ	4	DIF		Queue ID			1
ATIFACILITY	CVDAS	INQ	4	LIKE	yes	ATI facility type			2
ATIFACILITY Input/Output Valid Values	TERMINAL NOTERMINAL								
ATIFACILITY Output Valid Values	NOTAPPLIC								
ATITERMID	CHAR	INQ	4	DIF	yes	ATI terminal ID			3
ATITRANID	CHAR	INQ	4	DIF	yes	ATI transaction ID			4
STATUS	CVDAS	INQ	4	LIKE	yes	Enabled status			5
STATUS Input/Output Valid Values	ENABLED DISABLED								
STATUS Output Valid Values	NOTAPPLIC								
NUMITEMS	BINARY	INQ	4	AVG		Number of items			6
RECOVSTATUS	CVDAS	INQ	4	LIKE		Recovery status			7
RECOVSTATUS Output Valid Values	PHYSICAL LOGICAL NOTRECOVERABLE NOTAPPLIC								
TRIGGERLEVEL	BINARY	INQ	4	AVG	yes	Trigger level			8
OUTCNT	BINARY	STAT	4	AVG		Number of READ, WRITE, and DELETE requests			9
ATIUSERID	CHAR	INQ	8	DIF	yes	ATI User ID			10
INDOUBT	CVDAS	INQ	4	LIKE		In-doubt wait option			11

Table 243. INTRATDQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
INDOUBT Output Valid Values	WAIT NOWAIT								
INDOUBTWAIT	CVDAS	INQ	4	LIKE		In-doubt wait action			12
INDOUBTWAIT Output Valid Values	QUEUE REJECT								

JRMINGRP Resource Table

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

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

There are no object specific actions for this resource class.

Length 32
Usage API or Batch Utility
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Definition
Copybook identifier EYUt6148 or JRMINGRP
Valid API operations GET CREATE and REMOVE

Table 244. JRMINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 245. JRMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
JRNMGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
JRNNAME-2	CHAR	CPSM	8	Yes	DIF	Journal model definition name	6
JRNMDVER-3	BINARY	CPSM	1	Yes	AVG	Journal model definition version	7

JRNLMODL Resource Table

A CICS Resource that describes a journal model in an active system running the CICS TS for OS/390 and being managed by CICSplex SM.

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

The following action is supported:

DISCARD

Discard the journal model.

The DISCARD action requires no unique parameter data.

Length	64
Usage	API
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0076 or JRNLMODL
Valid API operations	GET and PERFORM

API Actions

DISCARD	Discard
----------------	---------

Parameters: None

Table 246. JRNLMODL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
JOURNALMODEL-1	CHAR	INQ	8	DIF	Journal model name	1
JOURNALNAME	CHAR	INQ	8	DIF	Journal name	2
TYPE	CVDAS	INQ	4	LIKE	Log stream type	3
TYPE Output Valid Values	MVS SMF DUMMY					
STREAMNAME	CHAR	INQ	26	DIF	MVS log stream name	4

JRNLMNAME Resource Table

A CICS Resource that describes a journal in an active system running the CICS TS for OS/390 and being managed by CICSplex SM.

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

The following actions are supported:

DISCARD

Discard the journal name.

FLUSH

Write the log buffers out to the log stream.

RESET

Disconnect the journal from the log stream.

These actions require no unique parameter data.

Length 80
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Resource
Copybook identifier EYUt0077 or JRNLMNAME
Valid API operations GET SET and PERFORM

API Actions

FLUSH Flush
Parameters: None
RESET Reset
Parameters: None
DISCARD Discard
Parameters: None

Table 247. JRNLMNAME resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved	
JOURNALNAME-1	CHAR	INQ	8	DIF		Journal name	1
STATUS	CVDAS	INQ	4	LIKE	yes	Journal status	2
STATUS Input/Output Valid Values	ENABLED DISABLED						
STATUS Output Valid Values	FAILED						
TYPE	CVDAS	INQ	4	LIKE		Log stream type	3
TYPE Output Valid Values	MVS SMF DUMMY						

Table 247. JRNLNAME resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
STREAMNAME	CHAR	INQ	26	DIF		MVS log stream name	4
NUMWRITES	BINARY	STAT	4	N/A		Number of journal writes	6
NUMBYTES	BINARY	STAT	8	AVG		Total number of bytes written	7
NUMBUFLUSH	BINARY	STAT	4	N/A		Number of buffer flush requests	8

JRNMDEF Resource Table

A CICS Definition that describes a journal model, which is the association between a CICS journal name and the MVS™ system log streams or the SMF log.

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

The following actions are supported:

INSTALL

Install a Journal Model Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	152
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3803 or JRNMDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	GET [CICSSYS] [RESGROUP] CREATE [RESGROUP]

API Actions

INSTALL	Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTOGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 248. JRNMDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string term
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed

Table 248. JRNMDEF FEEDBACK error codes (continued)

INV_NAME	Invalid name	NOTIFY	Notify
INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid over type	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Resource table descriptions

Table 249. JRNIMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	Journal model definition name			7
JOURNALNAME	CHAR	CPSM	8	Yes	DIF	Journal name			8
STREAMTYPE	CVDAS	CPSM	4	Yes	LIKE	Log stream type	MVS		9
STREAMTYPE Input/Output Valid Values	MVS SMF DUMMY								
STREAMNAME	CHAR	CPSM	26	No	DIF	MVS log stream name			10
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Definition create time			11
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			12
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			13
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			14
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			15

JVM Resource Table

A CICS Resource that provides information about a JVM.

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

There are no object specific actions for this resource class.

Length	56
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0137 or JVM
Valid API operations	GET
Unsupported releases	E530 and E620

Table 250. JVM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	BINARY	INQ	4	DIF	Java Virtual Machine	1
PROFILE	CHAR	INQ	8	DIF	Profile used to initialise the JVM	2
AGE	BINARY	INQ	4	AVG	Number of seconds since the JVM was initialised	3
EXECKEY	CVDAS	INQ	4	LIKE	Execution key of the JVM	4
EXECKEY Output Valid Values	CICSEXECKEY USEREXECKEY					
TASK	DECIMAL	INQ	4	AVG	Task to which the JVM is allocated	5
ALLOCAGE	BINARY	INQ	4	AVG	Number of seconds JVM has been allocated to task	6
CLASSCACHEST	CVDAS	INQ	4	LIKE	Class cache status	7
CLASSCACHEST Output Valid Values	CLASSCACHE NOCLASSCACHE					
PHASINGOUTST	CVDAS	INQ	4	LIKE	Phasing out status	8
PHASINGOUTST Output Valid Values	PHASEOUT NOPHASEOUT					
REUSEST	CVDAS	INQ	4	LIKE	JVM reuse status	9
REUSEST Output Valid Values	REUSE NOREUSE RESET					

JVMPOOL Resource Table

A CICS Resource that provides information about the pool of JVMs in the CICS address space.

The following actions are supported:

SET Set a CICS system attribute according to the new value you specify in an overtype field.

DISABLE
Set the pool status to disabled.

ENABLE
Set the pool status to enabled.

FORCE
Terminate all tasks using JVMs in the pool by the CICS SET TASK FORCEPURGE mechanism.

PHASEOUT
Mark JVMs for deletion.

PURGE
Terminate all tasks using JVMs in the pool by the CICS SET TASK PURGE mechanism.

Length	1032
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0114 or JVMPOOL
Valid API operations	GET SET and PERFORM
Unsupported releases	E530

API Actions	
ENABLE	Enable
	Parameters: None
DISABLE	Disable
	Parameters: None
PHASEOUT	Phase out
	Parameters: None
PURGE	Purge
	Parameters: None
FORCEPURGE	Force purge
	Parameters: None

Table 251. JVMPOOL_resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved		
PHASINGOUT	BINARY	INQ	4	AVG		Number of Java virtual machines (JVM) marked for removal		1
STATUS	CVDAS	INQ	4	LIKE	yes	Status of Java virtual machine (JVM) pool		2
STATUS Input/Output Valid Values	ENABLED DISABLED							
TOTAL	BINARY	INQ	4	AVG		Number of Java virtual machines (JVM) that are pre-initialized		3
SJGCURRJVMS	BINARY	STAT	4	AVG		Number of current JVMs	E530	8
SJGPEAKJVMS	BINARY	STAT	4	AVG		Peak number of JVMs	E530	9
SJGREQSTOTAL	BINARY	STAT	4	AVG		Total number of JVM program requests	E530	10
SJGREQSREUSE	BINARY	STAT	4	AVG		Number of JVM requests with JVM reuse	E530	11
SJGREQSINIT	BINARY	STAT	4	AVG		Number of JVM requests with JVM initialised	E530	12
SJGREQSMISMA	BINARY	STAT	4	AVG		Number of JVM requests with JVM mismatch	E530	13
SJGREQSTERMI	BINARY	STAT	4	AVG		Number of JVM requests with JVM terminated	E530	14
JVMLVL0TRACE	CHAR	INQ	240	DIF	yes	JVM LVL0 Trace control	E530 and E620	15
JVMLVL1TRACE	CHAR	INQ	240	DIF	yes	JVM LVL1 Trace control	E530 and E620	16
JVMLVL2TRACE	CHAR	INQ	240	DIF	yes	JVM LVL2 Trace control	E530 and E620	17
JVMUSERTRACE	CHAR	INQ	240	DIF	yes	JVM USER Trace control	E530 and E620	18

Resource table descriptions

Table 251. JVMPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
SJGCURRCACHE	BINARY	STAT	4	AVG		Current worker (class cache) JVMs	E530 and E620	19
SJGPEAKCACHE	BINARY	STAT	4	AVG		Peak worker (class cache) JVMs	E530 and E620	20
SJGREQSCACHE	BINARY	STAT	4	AVG		JVM requests - class cache	E530 and E620	21
SJGREQSRESET	BINARY	STAT	4	AVG		Number of JVM requests with JVM reset	E530 and E620	22

JVMPROF Resource Table

A CICS Resource that provides information about a JVM profile.

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

There are no object specific actions for this resource class.

Length	384
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0138 or JVMPROF
Valid API operations	GET
Unsupported releases	E530 and E620

Table 252. JVMPROF resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	INQ	8	DIF	Name as used in a program definition	1
HFSNAME	CHAR	INQ	255	DIF	Full path name of the HFS file	2
CLASSCACHEST	CVDAS	INQ	4	LIKE	Class cache status	4
CLASSCACHEST Output Valid Values	CLASSCACHE NOCLASSCACHE					
REUSEST	CVDAS	INQ	4	LIKE	JVM reuse status	5
REUSEST Output Valid Values	REUSE NOREUSE RESET					
CPROFILEREQS	BINARY	STAT	4	AVG	JVM profile CICS key request count	9
UPROFILEREQS	BINARY	STAT	4	AVG	JVM profile USER key request count	10
CCURPROFUSE	BINARY	STAT	4	AVG	Current JVM profile CICS key use count	11
UCURPROFUSE	BINARY	STAT	4	AVG	Current JVM profile USER key use count	12
CPEAKPROFUSE	BINARY	STAT	4	AVG	Peak JVM profile CICS key use count	13
UPEAKPROFUSE	BINARY	STAT	4	AVG	Peak JVM profile USER key use count	14
CNEWJVMSCRT	BINARY	STAT	4	AVG	New CICS key JVMs created	15
UNEWJVMSCRT	BINARY	STAT	4	AVG	New USER key JVMs created	16
CJVMSUNRESET	BINARY	STAT	4	AVG	Number of CICS key JVMs not resettable	17
UJVMSUNRESET	BINARY	STAT	4	AVG	Number of USER key JVMs not resettable	18
CMISMSTEALER	BINARY	STAT	4	AVG	Number of times CICS key mismatch stealer	19
UMISMSTEALER	BINARY	STAT	4	AVG	Number of times USER key mismatch stealer	20
CMISMAVICTIM	BINARY	STAT	4	AVG	Number of times CICS key mismatch victim	21
UMISMAVICTIM	BINARY	STAT	4	AVG	Number of times USER key mismatch victim	22

Resource table descriptions

| Table 252. JVMPROF resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CLEHEAPHWM	BINARY	STAT	4	AVG	LE heap CICS key peak used by JVMs	23
ULEHEAPHWM	BINARY	STAT	4	AVG	LE heap USER key peak used by JVMs	24
CJVMHEAPHWM	BINARY	STAT	4	AVG	Nonsystem heap peak for CICS key JVMs	25
UJVMHEAPHWM	BINARY	STAT	4	AVG	Nonsystem heap peak for user key JVMs	26
CJVMDESTRSOS	BINARY	STAT	4	AVG	Times JVMs CICS key destroyed by 'SOS' action	27
UJVMDESTRSOS	BINARY	STAT	4	AVG	Times JVMs USER key destroyed by 'SOS' action	28
CPROFXMXVALU	CHAR	STAT	8	DIF	JVM profile CICS -Xmx value	29
UPROFXMXVALU	CHAR	STAT	8	DIF	JVM profile USER -Xmx value	30

LNKSMSCG Resource Table

A CPSM Topology Definition that describes the link between a CICS system group and a monitor specification (MONSPEC). LNKSMSCG objects are used to generate multiple implicit linkages of CICS systems that are members of the named system group to a MONSPEC.

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

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

Length	24
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt5633 or LNKSMSCG
Valid API operations	GET CREATE and REMOVE

Table 253. LNKSMSCG FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	REC_NOT_FOUND	Requested resource not found
INV_REFERENCE	Attribute references an invalid resource	SPEC_NOT_FOUND	Specification name not found
REC_EXISTS	Association already exists		

Table 254. LNKSMSCG resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
SPEC-1	CHAR	CPSM	8	Yes	DIF	Monitor specification name	5
GROUP-2	CHAR	CPSM	8	Yes	DIF	System group name	6

LNKSMSCS Resource Table

A CPSM Topology Definition that describes the link between a CICS system and a monitor specification (MONSPEC). LNKSMSCS objects can be created via an explicit reference to a CICS system or implicitly via a LNKSMSCG object.

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

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

For information about LNKSMSCS records see “Special attribute and resource table considerations” on page 3.

Length	40
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt5634 or LNKSMSCS
Valid API operations	GET CREATE and REMOVE

Table 255. LNKSMSCS FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	REC_NOT_FOUND	Requested resource not found
INV_REFERENCE	Attribute references an invalid resource	SPEC_NOT_FOUND	Specification name not found
REC_EXISTS	Association already exists		

Table 256. LNKSMSCS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed		1
SPEC-1	CHAR	CPSM	8	Yes	DIF	Monitor specification name		5
SYSTEM-2	CHAR	CPSM	8	Yes	DIF	CICS system name		6
LINK	EYUDA	CPSM	4	No	LIKE	Creation mode	EXPLICIT	7
LINK Input/Output Valid Values	INHERIT EXPLICIT							
GROUP	CHAR	CPSM	8	No	DIF	System group that MONSPEC was inherited from		8

LNKSRSCG Resource Table

A CPSM Topology Definition that describes the link between a CICS system group and an analysis specification (RTASPEC). LNKSRSCG objects are used to generate multiple implicit linkages of CICS systems that are members of the named system group to an RTASPEC.

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

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

Length	24
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt5635 or LNKSRSCG
Valid API operations	GET CREATE and REMOVE

Table 257. LNKSRSCG FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	REC_NOT_FOUND	Requested resource not found
INV_REFERENCE	Attribute references an invalid resource	SPEC_NOT_FOUND	Specification name not found
REC_EXISTS	Association already exists		

Table 258. LNKSRSCG resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
SPEC-1	CHAR	CPSM	8	Yes	DIF	RTA specification name	5
GROUP-2	CHAR	CPSM	8	Yes	DIF	System group	6

LNKSRSCS Resource Table

A CPSM Topology Definition that describes the link between a CICS system and an analysis specification (RTASPEC). LNKSRSCS objects can be created via an explicit reference to a CICS system or implicitly via a LNKSRSCG object.

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

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

For information about LNKSRSCS records see "Special attribute and resource table considerations" on page 3.

Length	40
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt5636 or LNKSRSCS
Valid API operations	GET CREATE and REMOVE

Table 259. LNKSRSCS FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	REC_NOT_FOUND	Requested resource not found
INV_REFERENCE	Attribute references an invalid resource	SPEC_NOT_FOUND	Specification name not found
REC_EXISTS	Association already exists		

Table 260. LNKSRSCS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed		1
SPEC-1	CHAR	CPSM	8	Yes	DIF	RTA specification name		5
SYSTEM-2	CHAR	CPSM	8	Yes	DIF	CICS system name		6
LINK	EYUDA	CPSM	4	No	LIKE	Creation mode	EXPLICIT	7
LINK Input/Output Valid Values	INHERIT EXPLICIT							
GROUP	CHAR	CPSM	8	No	DIF	System group RTA specification was inherited from		8

LNKSWSCG Resource Table

A CPSM Topology Definition that describes the link between a CICS system group and a workload specification (WLMSPEC). LNKSWSCG objects are used to generate multiple implicit linkages of CICS systems that are members of the named system group to a WLMSPEC. Only CICS systems that are to act as terminal owning regions (TORs) should be linked to a WLMSPEC.

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

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

Length	24
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt5637 or LNKSWSCG
Valid API operations	GET CREATE and REMOVE

Table 261. LNKSWSCG FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	REC_NOT_FOUND	Requested resource not found
INV_REFERENCE	Attribute references an invalid resource	SPEC_NOT_FOUND	Specification name not found
REC_EXISTS	Association already exists		

Table 262. LNKSWSCG resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
SPEC-1	CHAR	CPSM	8	Yes	DIF	WLM specification name	5
GROUP-2	CHAR	CPSM	8	Yes	DIF	System group	6

LNKSWSCS Resource Table

A CPSM Topology Definition that describes the link between a CICS system and a workload specification (WLMSPEC). LNKSWSCS objects can be created via an explicit reference to a CICS system or implicitly via a LNKSWSCG object. Only CICS systems that are to act as terminal owning regions (TORs) should be linked to a WLMSPEC.

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

There are no object specific actions for this resource class.

From the batched repository-update facility, only CREATE and REMOVE commands are valid for this resource. Attempts to UPDATE the resource will cause an error.

For information about LNKSwSCS records see "Special attribute and resource table considerations" on page 3.

Length	40
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt5638 or LNKSWSCS
Valid API operations	GET CREATE and REMOVE

Table 263. LNKSWSCS FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	REC_NOT_FOUND	Requested resource not found
INV_REFERENCE	Attribute references an invalid resource	SPEC_NOT_FOUND	Specification name not found
REC_EXISTS	Association already exists		

Table 264. LNKSWSCS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed		1
SPEC-1	CHAR	CPSM	8	Yes	DIF	WLM specification name		5
SYSTEM-2	CHAR	CPSM	8	Yes	DIF	CICS system name		6
LINK	EYUDA	CPSM	4	No	LIKE	Creation mode	EXPLICIT	7
LINK Input/Output Valid Values	INHERIT EXPLICIT							
GROUP	CHAR	CPSM	8	No	DIF	System group WLM specification was inherited from		8

LOADACT Resource Table

A CICS Resource that provides CICS loader activity by dynamic storage area in an active system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

Length	128
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0128 or LOADACT
Valid API operations	GET

Table 265. LOADACT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
LDGDSAINDEX-1	CHAR	CPSM	8	DIF	DSA index	5
LDGLLR	BINARY	STAT	4	AVG	Number of library load requests	6
LDGLLT	INT16US	STAT	4	AVG	Total time taken for all program loads	7
LDGPUSES	BINARY	STAT	4	AVG	Number of program uses	8
LDGWLR	BINARY	STAT	4	AVG	Number of loader requests waiting	9
LDGWLRHW	BINARY	STAT	4	AVG	Peak number of waiting loader requests	10
LDGHWMT	BINARY	STAT	4	AVG	Number of times loader waiting requests peaked	11
LDGTTW	INT16US	STAT	4	AVG	Total time spent waiting for loader	12
LDGDREBS	BINARY	STAT	4	AVG	Number of successful load retries	13
LDGWTDLR	BINARY	STAT	4	AVG	Number of loader requests that waited	14
LDGSTGNIU	BINARY	STAT	4	AVG	Size of DSA occupied by Not-In-Use (NIU) programs	15
LDGPROGNIU	BINARY	STAT	4	AVG	Number of programs on Not-In-Use (NIU) queue	16
LDGRECNIU	BINARY	STAT	4	AVG	Number of DSA reclaims from Not-In-Use (NIU) queue	17
LDGDPSCR	BINARY	STAT	4	AVG	Number of programs removed from DSA by compression	18
LDGDPSCT	INTSTCK	STAT	8	AVG	Total time for DSA programs on Not-In-Use queue	20
ALOADTIME	INT16US	CPSM	4	AVG	Average program load time	21
TLOADWAIT	BINARY	CPSM	4	AVG	Total waiting time for program loads	22
ALOADWAIT	INT16US	CPSM	4	AVG	Average waiting time for program loads	24
PLOADWAIT	PERCENT3	CPSM	4	AVG	Percentage of waits to program uses	25
LOADRATE	RATE3	CPSM	8	AVG	Rate of program loading	27

Resource table descriptions

Table 265. LOADACT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
PDSANIU	PERCENT3	CPSM	4	AVG	Percentage of DSA held by Not-In-Use programs	28
PSTGNIU	PERCENT3	CPSM	4	AVG	Percentage Not-In-Use of DSAs above/below 16MB	29
ANIUQDSA	INTSTCK	CPSM	8	AVG	Average age on DSA Not-In-Use (NIU) queue	30

LOADER Resource Table

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

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

There are no object specific actions for this resource class.

Length	320
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0134 or LOADER
Valid API operations	GET

Table 266. LOADER resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
LDGLLR	BINARY	STAT	4	AVG	Number of library load requests	5
LDGLLT	INT16US	STAT	4	AVG	Total time for all loads	6
LDGPUSES	BINARY	STAT	4	AVG	Number of program uses	7
LDGWLR	BINARY	STAT	4	AVG	Number of loader requests waiting	8
LDGWLRHW	BINARY	STAT	4	AVG	Peak number of waiting loader requests	9
LDGHWMT	BINARY	STAT	4	AVG	Number of times waiting loader requests peaked	10
LDGTTW	INT16US	STAT	4	AVG	Total time spent waiting for loader	11
LDGDREBS	BINARY	STAT	4	AVG	Number of successful load retries	12
LDGWTDLR	BINARY	STAT	4	AVG	Number of loader requests that waited	13
LDGSTGNIUC	BINARY	STAT	4	AVG	Size of CDSA occupied by Not-In-Use (NIU) programs	15
LDGPROGNIUC	BINARY	STAT	4	AVG	Number of CDSA programs on Not-In-Use (NIU) queue	16
LDGRECNIUC	BINARY	STAT	4	AVG	Number of CDSA reclaims from Not-In-Use queue	17
LDGDPSCRC	BINARY	STAT	4	AVG	Number of CDSA programs removed by compression	18
LDGDPSCTC	INTSTCK	STAT	8	AVG	Total time for CDSA programs on Not-In-Use queue	19
LDGSTGNIUEC	BINARY	STAT	4	AVG	Size of ECDSA occupied by Not-In-Use programs	20
LDGPROGNIUEC	BINARY	STAT	4	AVG	Number of ECDSA programs on Not-In-Use (NIU) queue	21
LDGRECNIUEC	BINARY	STAT	4	AVG	Number of ECDSA reclaims from Not-In-Use queue	22

Resource table descriptions

Table 266. *LOADER* resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
LDGDPSCREC	BINARY	STAT	4	AVG	Number of ECDSA programs removed by compression	23
LDGDPSCTEC	INTSTCK	STAT	8	AVG	Total time for ECDSA programs on Not-In-Use queue	24
LDGSTGNIUS	BINARY	STAT	4	AVG	Size of SDSA occupied by Not-In-Use (NIU) programs	25
LDGPROGNIUS	BINARY	STAT	4	AVG	Number of SDSA programs on Not-In-Use (NIU) queue	26
LDGRECNIUS	BINARY	STAT	4	AVG	Number of SDSA reclaims from Not-In-Use queue	27
LDGDPSCRS	BINARY	STAT	4	AVG	Number of SDSA programs removed by compression	28
LDGDPSCTS	INTSTCK	STAT	8	AVG	Total time for SDSA programs on Not-In-Use queue	29
LDGSTGNIUES	BINARY	STAT	4	AVG	Size of ESDSA occupied by Not-In-Use programs	30
LDGPROGNIUES	BINARY	STAT	4	AVG	Number of ESDSA programs on Not-In-Use (NIU) queue	31
LDGRECNIUES	BINARY	STAT	4	AVG	Number of ESDSA reclaims from Not-In-Use queue	32
LDGDPSGRES	BINARY	STAT	4	AVG	Number of ESDSA programs removed by compression	33
LDGDPSCTES	INTSTCK	STAT	8	AVG	Total time for ESDSA programs on Not-In-Use queue	34
LDGSTGNIUR	BINARY	STAT	4	AVG	Size of RDSA occupied by Not-In-Use (NIU) programs	35
LDGPROGNIUR	BINARY	STAT	4	AVG	Number of RDSA programs on Not-In-Use (NIU) queue	36
LDGRECNIUR	BINARY	STAT	4	AVG	Number of RDSA reclaims from Not-In-Use queue	37
LDGDPSCRR	BINARY	STAT	4	AVG	Number of RDSA programs removed by compression	38
LDGDPSCTR	INTSTCK	STAT	8	AVG	Total time for RDSA programs on Not-In-Use queue	39
LDGSTGNIUER	BINARY	STAT	4	AVG	Size of ERDSA occupied by Not-In-Use programs	40
LDGPROGNIUER	BINARY	STAT	4	AVG	Number of ERDSA programs on Not-In-Use (NIU) queue	41
LDGRECNIUER	BINARY	STAT	4	AVG	Number of ERDSA reclaims from Not-In-Use queue	42
LDGDPSCRER	BINARY	STAT	4	AVG	Number of ERDSA programs removed by compression	43
LDGDPSCTER	INTSTCK	STAT	8	AVG	Total time for ERDSA programs on Not-In-Use queue	44
ALOADTIME	INT16US	CPSM	4	AVG	Average load time	45
TLOADWAIT	BINARY	CPSM	4	AVG	Total waiting time for program loads	46
ALOADWAIT	INT16US	CPSM	4	AVG	Average waiting time for program loads	48
PLOADWAIT	PERCENT3	CPSM	4	AVG	Percentage of waits to program uses	49
LOADRATE	RATE3	CPSM	8	AVG	Rate of program loading	51
PCDSANIU	PERCENT3	CPSM	4	AVG	Percentage of CDSA held by Not-In-Use programs	52
PSTGNIUC	PERCENT3	CPSM	4	AVG	Percentage Not-In-Use of DSAs below 16MB in CDSA	53

Table 266. LOADER resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
ANIUQCDSA	INTSTCK	CPSM	8	AVG	Average age on CDSA Not-In-Use (NIU) queue	54
PECDSANIU	PERCENT3	CPSM	4	AVG	Percentage of ECDSA held by Not-In-Use programs	55
PSTGNIUEC	PERCENT3	CPSM	4	AVG	Percent Not-In-Use of DSAs above 16MB in ECDSA	56
ANIUQECDSA	INTSTCK	CPSM	8	AVG	Average age on ECDSA Not-In-Use (NIU) queue	57
PSDSANIU	PERCENT3	CPSM	4	AVG	Percentage of SDSA held by Not-In-Use programs	58
PSTGNIUS	PERCENT3	CPSM	4	AVG	Percentage Not-In-Use of DSAs below 16MB in SDSA	59
ANIUQSDSA	INTSTCK	CPSM	8	AVG	Average age on SDSA Not-In-Use (NIU) queue	60
PESDSANIU	PERCENT3	CPSM	4	AVG	Percentage of ESDSA held by Not-In-Use programs	61
PSTGNIUES	PERCENT3	CPSM	4	AVG	Percent Not-In-Use of DSAs above 16MB in ESDSA	62
ANIUQESDSA	INTSTCK	CPSM	8	AVG	Average age on ESDSA Not-In-Use (NIU) queue	63
PRDSANIU	PERCENT3	CPSM	4	AVG	Percentage of RDSA held by Not-In-Use programs	64
PSTGNIUR	PERCENT3	CPSM	4	AVG	Percentage Not-In-Use of DSAs below 16MB in RDSA	65
ANIUQRDSA	INTSTCK	CPSM	8	AVG	Average age on RDSA Not-In-Use (NIU) queue	66
PERDSANIU	PERCENT3	CPSM	4	AVG	Percentage of ERDSA held by Not-In-Use programs	67
PSTGNIUER	PERCENT3	CPSM	4	AVG	Percentage Not-In-Use of DSAs above 16MB in ERDSA	68
ANIUQERDSA	INTSTCK	CPSM	8	AVG	Average age on ERDSA Not-In-Use (NIU) queue	69

LOCFILE Resource Table

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

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

The following actions are supported:

CLOSE

Close a local file.

The parameter data for the CLOSE action is:

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

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

```
WAIT
NOWAIT
FORCE
```

DISABLE

Disable a local file.

The parameter data for the DISABLE action is:

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

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

```
WAIT
NOWAIT
FORCE
```

DISCARD

Discard a local file.

ENABLE

Enable a local file.

OPEN

Open a local file.

Length	304
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0009 or LOCFILE
Valid API operations	GET SET and PERFORM
API Actions	
CLOSE	Close PARM(' BUSY(<i>value</i>) .')
DISABLE	Disable PARM(' BUSY(<i>value</i>) .')
DISCARD	Discard

ENABLE	Parameters: None Enable
OPEN	Parameters: None Open
	Parameters: None

Resource table descriptions

Table 267. LOCFILE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved			
FILE-1	CHAR	INQ	8	DIF		File ID			1
ACCESSMETHOD	CVDAS	INQ	4	LIKE		Access method			2
ACCESSMETHOD Output Valid Values	VSAM BDAM DB2								
ADD	CVDAS	INQ	4	LIKE	yes	Add option			3
ADD Input/Output Valid Values	ADDABLE NOTADDABLE								
BASEDSNAME	CHAR	INQ	44	DIF		Base data set name			4
BLOCKFORMAT	CVDAS	INQ	4	LIKE		Block format (BDAM only)			5
BLOCKFORMAT Output Valid Values	BLOCKED UNBLOCKED								
BLOCKKEYLN	CODEDBIN	INQ	4	MAX		Block key length (BDAM only)			6
BLOCKSIZE	CODEDBIN	INQ	4	MAX		Block size (BDAM only)			7
BROWSE	CVDAS	INQ	4	LIKE	yes	Browse option			8
BROWSE Input/Output Valid Values	BROWSABLE NOTBROWSABLE								
DELETE	CVDAS	INQ	4	LIKE	yes	Delete option			9
DELETE Input/Output Valid Values	DELETABLE NOTDELETABLE								
DISPOSITION	CVDAS	INQ	4	LIKE	yes	Disposition of file			10
DISPOSITION Input/Output Valid Values	OLD SHARE								

Table 267. LOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
DSNAME	CHAR	INQ	44	DIF	yes	Data set name			11
EMPTYSTATUS	CVDAS	INQ	4	LIKE	yes	Empty status			12
EMPTYSTATUS Input/Output Valid Values	EMPTYREQ NOEMPTYREQ								
ENABLESTATUS	CVDAS	INQ	4	LIKE	yes	Enablement status			13
ENABLESTATUS Input/Output Valid Values	ENABLED DISABLED								
ENABLESTATUS Output Valid Values	DISABLING UNENABLED								
EXCLUSIVE	CVDAS	INQ	4	LIKE	yes	BDAM exclusive control status			14
EXCLUSIVE Input/Output Valid Values	EXCTL NOEXCTL NOTAPPLIC								
FWDRECSTATUS	CVDAS	INQ	4	LIKE		Forward recovery option			15
FWDRECSTATUS Output Valid Values	FWDRECOVABLE NOTFWDRCVBLE								
KEYLENGTH	BINARY	INQ	4	AVG		Key length			16
KEYPOSITION	BINARY	INQ	4	AVG		Key position			17
OBJECT	CVDAS	INQ	4	LIKE		Data set type (base or path)			18
OBJECT Output Valid Values	BASE PATH								
OPENSTATUS	CVDAS	INQ	4	LIKE	yes	Open status			19
OPENSTATUS Input/Output Valid Values	OPEN CLOSED								
OPENSTATUS Output Valid Values	OPENING CLOSING CLOSEREQUEST								

Resource table descriptions

Table 267. LOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
READ	CVDAS	INQ	4	LIKE	yes	Read option			20
READ Input/Output Valid Values	READABLE NOTREADABLE								
RECORDFORMAT	CVDAS	INQ	4	LIKE		Record format			21
RECORDFORMAT Output Valid Values	FIXED VARIABLE UNDEFINED								
RECORDSIZE	BINARY	INQ	4	AVG		Record size			22
RECOVSTATUS	CVDAS	INQ	4	LIKE		Recovery status			23
RECOVSTATUS Output Valid Values	RECOVERABLE NOTRECOVERABLE								
RELTYPE	CVDAS	INQ	4	LIKE		Relative addressing type (BDAM only)			24
RELTYPE Output Valid Values	HEX DEC BLK NOTAPPLIC								
STRINGS	CODEDBIN	INQ	4	MAX	yes	Number of strings			25
VSAMTYPE	CVDAS	INQ	4	LIKE		Type of VSAM data set			26
VSAMTYPE Output Valid Values	ESDS KSDS RRDS VRRDS								
UPDATE	CVDAS	INQ	4	LIKE	yes	Update option			27
UPDATE Input/Output Valid Values	UPDATABLE NOTUPDATABLE								
TIMEOPEN	DECTIME	STAT	4	MAX		Local time file was opened			28
TIMECLOSE	DECTIME	STAT	4	MAX		Local time file was closed			29
GETCNT	BINARY	STAT	4	AVG		Number of READ requests			30
GETUPCNT	BINARY	STAT	4	AVG		Number of READ UPDATE requests			31

Table 267. LOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
BROWSECNT	BINARY	STAT	4	AVG		Number of READNEXT and READPREV requests			32
ADDCNT	BINARY	STAT	4	AVG		Number of WRITE requests			33
UPDATECNT	BINARY	STAT	4	AVG		Number of REWRITE requests			34
LOCDELNT	BINARY	STAT	4	AVG		Number of DELETE requests			35
DEXCPCNT	BINARY	STAT	4	AVG		Number of I/O operations for data records			36
IEXGPCNT	BINARY	STAT	4	AVG		Number of I/O operations against index component			37
WSTRCNT	BINARY	STAT	4	AVG		Total requests queued because all strings in use			38
JOURNALNUM	BINARY	INQ	2	AVG		Journal number			39
WSTRCCURCNT	BINARY	STAT	2	AVG		Peak number of tasks waiting for a string			40
LSRPOOLID	CHAR	INQ	2	DIF	yes	Local shared resources pool ID			41
NUMDATBUFF	BINARY	STAT	2	AVG		Number of data buffers			42
NUMINDEXBUFF	BINARY	STAT	2	AVG		Number of index buffers			43
NUMACTSTRING	BINARY	STAT	2	AVG		Number of active strings			44
GMTFILEOPN	TIMESTP	STAT	8	MAX		GMT file open time			45
GMTFILECLS	TIMESTP	STAT	8	MAX		GMT file close time			46
NUMSTRINGWT	BINARY	STAT	2	AVG		Current number of string waits			47
DATASETTYPE	CHAR	STAT	1	DIF		Data set type			48
BROWUPDCNT	BINARY	STAT	4	AVG		Number of browse for update requests			50
READINTEG	CVDAS	INQ	4	LIKE	yes	Default level of read integrity			51
READINTEG Input/Output Valid Values	UNCOMMITTED CONSISTENT REPEATABLE								

Resource table descriptions

Table 267. LOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
READINTEG Output Valid Values	NOTAPPLIC								
RLSACCESS	CVDAS	INQ	4	LIKE	yes	Record level sharing (RLS) file access mode			52
RLSACCESS Input/Output Valid Values	RLS NOTRLS								
RLSACCESS Output Valid Values	NOTAPPLIC								
RLSREQWTT0	BINARY	STAT	4	AVG		Record level sharing (RLS) request wait timeouts			53

LOCTRAN Resource Table

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

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

The following actions are supported:

DISABLE

Disable a local transaction.

DISCARD

Discard a local transaction.

ENABLE

Enable a local transaction.

These actions require no unique parameter data.

Length	232
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0022 or LOCTRAN
Valid API operations	GET SET and PERFORM

API Actions

DISABLE Disable

Parameters: None

DISCARD Discard

Parameters: None

ENABLE Enable

Parameters: None

Table 268. LOCTRAN FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid		

Resource table descriptions

Table 269. LOCTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved			
TRANID-1	CHAR	INQ	4	DIF		Transaction ID			1
CMDSEC	CVDAS	INQ	4	LIKE		Command level security option			2
CMDSECNO CMDSECYES									
CMDSEC Output Valid Values									
DTB	CVDAS	INQ	4	LIKE		Dynamic transaction backout option			3
DTB Output Valid Values									
WAIT COMMIT BACKOUT									
DTIMEOUT	BINARY	INQ	4	AVG		Deadlock timeout (seconds)			4
DUMPING	CVDAS	INQ	4	LIKE	yes	Transaction dump option			5
DUMPING Input/Output Valid Values									
TRANDUMP NOTRANDUMP									
PRIORITY	BINARY	INQ	4	AVG	yes	Transaction priority			6
PROGRAM	CHAR	INQ	8	DIF		First program name			7
PURGEABILITY	CVDAS	INQ	4	LIKE	yes	Purgeability option			8
PURGEABILITY Input/Output Valid Values									
PURGEABLE NOTPURGEABLE									
RTIMEOUT	BINARY	INQ	4	AVG		Read timeout (seconds)			9
SCRNSIZE	CVDAS	INQ	4	LIKE		Screen size			10
SCRNSIZE Output Valid Values									
DEFAULT ALTERNATE									
STATUS	CVDAS	INQ	4	LIKE	yes	Enabled status			11

Table 269. LOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
STATUS Input/Output Valid Values	ENABLED DISABLED								
TRACING	CVDAS	INQ	4	LIKE	yes	Tracing type			12
TRACING Input/Output Valid Values	SPECTRACE STANTRACE SPRSTRACE								
TWASIZE	BINARY	INQ	4	AVG		Size in bytes of transaction work area (TWA)			13
USECOUNT	BINARY	STAT	4	AVG		Number of times transaction used			14
LOCALCNT	BINARY	STAT	4	AVG		Number of times transaction run locally by DTR			15
STGVCNT	BINARY	STAT	4	AVG		Number of storage violations			16
PROFILE	CHAR	INQ	8	DIF		Transaction profile			17
RESSEC	CVDAS	INQ	4	LIKE		Resource level security status			18
RESSEC Output Valid Values	RESSECNO RESSECYES								
TASKDATALOC	CVDAS	INQ	4	LIKE		Task data location			19
TASKDATALOC Output Valid Values	BELOW ANY								
TASKDATAKEY	CVDAS	INQ	4	LIKE		Task data key			20
TASKDATAKEY Output Valid Values	CICSDATAKEY USERDATAKEY								
ROUTING	CVDAS	INQ	4	LIKE		Routing type			21
ROUTING Output Valid Values	DYNAMIC STATIC								
RESTARTCNT	BINARY	STAT	4	AVG		Number of times transaction restarted			22

Resource table descriptions

Table 269. LOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
REMOTECONT	BINARY	STAT	4	AVG		Number of times transaction run remotely by DTR			23
REMSSTARTCNT	BINARY	STAT	4	AVG		Number of attempted starts on remote system			24
ISOLATEST	CVDAS	INQ	4	LIKE		Transaction isolation type			25
ISOLATEST Output Valid Values	ISOLATE NOISOLATE								
RUNAWAY	BINARY	INQ	4	AVG	yes	Runaway time (milliseconds)			26
RUNAWAYTYPE	CVDAS	INQ	4	LIKE	yes	Source of runaway timeout value			27
RUNAWAYTYPE Input/Output Valid Values	SYSTEM USER								
SHUTDOWN	CVDAS	INQ	4	LIKE	yes	Shutdown run status			28
SHUTDOWN Input/Output Valid Values	SHUTDISABLED SHUTENABLED								
STORAGECLEAR	CVDAS	INQ	4	LIKE		Storage clearance status			29
STORAGECLEAR Output Valid Values	CLEAR NOCLEAR								
TRANCLASS	CHAR	INQ	8	DIF	yes	Transaction class name			30
REMTENAME	CHAR	INQ	8	DIF		Remote transaction name			31
REMOTESYSTEM	CHAR	INQ	4	DIF		Remote system name			32
TRPROF	CHAR	INQ	8	DIF		Transaction routing profile			33
INDOUBTWAIT	CVDAS	INQ	4	LIKE		In-doubt wait option			34
INDOUBTWAIT Output Valid Values	WAIT NOWAIT								
INDOUBT	CVDAS	INQ	4	LIKE		Transaction in-doubt option			35

Table 269. LOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
INDOUBT Output Valid Values	BACKOUT COMMIT								
INDOUBTMINS	BINARY	INQ	4	AVG		In-doubt time (minutes)			36
NUMINDOUBWT	BINARY	STAT	4	AVG		Number of in-doubt waits			37
FORACTTRNDF	BINARY	STAT	4	AVG		Forced actions - in-doubt waiting not supported			38
FORACTINDTO	BINARY	STAT	4	AVG		Forced actions - in-doubt timeout value exceeded			39
FORACTNOWT	BINARY	STAT	4	AVG		Forced actions - wait not supported for resources			40
FORACTOPER	BINARY	STAT	4	AVG		Forced actions - operator cancelled wait			41
FORACTOTHER	BINARY	STAT	4	AVG		Forced actions - other reasons			42
ACTMISMATS	BINARY	STAT	4	AVG		Number of indoubt action mismatches detected			43
FACILITYLIKE	CHAR	INQ	4	DIF		Model for virtual terminal			44
BREXIT	CHAR	INQ	8	DIF		Bridge exit program name			45
ROUTESTATUS	CVDAS	INQ	4	LIKE		Route status			46
ROUTESTATUS Output Valid Values	ROUTEABLE NOTROUTEABLE								
OTSTIMEOUT	BINARY	INQ	4	AVG		Object transaction service (OTS) timeout (seconds)	E530		47

LSRDEF Resource Table

A CICS Definition that describes a local shared resource (LSR) pool for use by CICS files.

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

The following actions are supported:

INSTALL

Install an LSR Pool Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	432
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3804 or LSRDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	GET [CICSSYS] [RESGROUP] CREATE [RESGROUP]

API Actions

INSTALL	Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 270. LSRDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string term
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed

Table 270. LSRDEF FEEDBACK error codes (continued)

INV_NAME	Invalid name	NOTIFY	Notify
INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid over type	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Resource table descriptions

Table 2.71. LSRDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	LSR pool definition name			7
LSRPOOLID	CHAR	CPSM	4	No	DIF	LSR pool ID	1	1-8	8
MAXKEYLENGTH	CHAR	CPSM	4	No	DIF	Maximum key length		0-255	9
SHARELIMIT	CHAR	CPSM	4	No	DIF	Resource share limit	50	1-100	10
STRINGS	CHAR	CPSM	4	No	DIF	Maximum number of file strings in pool		1-255	11
DATA512	CHAR	CPSM	8	No	DIF	Number of 512-byte data buffers		3-32767	12
DATA1K	CHAR	CPSM	8	No	DIF	Number of 1 KB data buffers		3-32767	13
DATA2K	CHAR	CPSM	8	No	DIF	Number of 2 KB data buffers		3-32767	14
DATA4K	CHAR	CPSM	8	No	DIF	Number of 4 KB data buffers		3-32767	15
DATA8K	CHAR	CPSM	8	No	DIF	Number of 8 KB data buffers		3-32767	16
DATA12K	CHAR	CPSM	8	No	DIF	Number of 12 KB data buffers		3-32767	17
DATA16K	CHAR	CPSM	8	No	DIF	Number of 16 KB data buffers		3-32767	18
DATA20K	CHAR	CPSM	8	No	DIF	Number of 20 KB data buffers		3-32767	19
DATA24K	CHAR	CPSM	8	No	DIF	Number of 24 KB data buffers		3-32767	20
DATA28K	CHAR	CPSM	8	No	DIF	Number of 28 KB data buffers		3-32767	21
DATA32K	CHAR	CPSM	8	No	DIF	Number of 32 KB data buffers		3-32767	22
INDEX512	CHAR	CPSM	8	No	DIF	Number of 512-byte index buffers		3-32767	23
INDEX1K	CHAR	CPSM	8	No	DIF	Number of 1 KB index buffers		3-32767	24
INDEX2K	CHAR	CPSM	8	No	DIF	Number of 2 KB index buffers		3-32767	25
INDEX4K	CHAR	CPSM	8	No	DIF	Number of 4 KB index buffers		3-32767	26
INDEX8K	CHAR	CPSM	8	No	DIF	Number of 8 KB index buffers		3-32767	27
INDEX12K	CHAR	CPSM	8	No	DIF	Number of 12 KB index buffers		3-32767	28
INDEX16K	CHAR	CPSM	8	No	DIF	Number of 16 KB index buffers		3-32767	29
INDEX20K	CHAR	CPSM	8	No	DIF	Number of 20 KB index buffers		3-32767	30
INDEX24K	CHAR	CPSM	8	No	DIF	Number of 24 KB index buffers		3-32767	31

Table 2.71. LSRDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
INDEX28K	CHAR	CPSM	8	No	DIF	Number of 28 KB index buffers		3-32767	32
INDEX32K	CHAR	CPSM	8	No	DIF	Number of 32 KB index buffers		3-32767	33
HSDATA4K	CHAR	CPSM	8	No	DIF	Number of 4 KB Hiperspace data buffers		0-16777215	34
HSDATA8K	CHAR	CPSM	8	No	DIF	Number of 8 KB Hiperspace data buffers		0-16777215	35
HSDATA12K	CHAR	CPSM	8	No	DIF	Number of 12 KB Hiperspace data buffers		0-16777215	36
HSDATA16K	CHAR	CPSM	8	No	DIF	Number of 16 KB Hiperspace data buffers		0-16777215	37
HSDATA20K	CHAR	CPSM	8	No	DIF	Number of 20 KB Hiperspace data buffers		0-16777215	38
HSDATA24K	CHAR	CPSM	8	No	DIF	Number of 24 KB Hiperspace data buffers		0-16777215	39
HSDATA28K	CHAR	CPSM	8	No	DIF	Number of 28 KB Hiperspace data buffers		0-16777215	40
HSDATA32K	CHAR	CPSM	8	No	DIF	Number of 32 KB Hiperspace data buffers		0-16777215	41
HSINDEX4K	CHAR	CPSM	8	No	DIF	Number of 4 KB Hiperspace index buffers		0-16777215	42
HSINDEX8K	CHAR	CPSM	8	No	DIF	Number of 8 KB Hiperspace index buffers		0-16777215	43
HSINDEX12K	CHAR	CPSM	8	No	DIF	Number of 12 KB Hiperspace index buffers		0-16777215	44
HSINDEX16K	CHAR	CPSM	8	No	DIF	Number of 16 KB Hiperspace index buffers		0-16777215	45
HSINDEX20K	CHAR	CPSM	8	No	DIF	Number of 20 KB Hiperspace index buffers		0-16777215	46
HSINDEX24K	CHAR	CPSM	8	No	DIF	Number of 24 KB Hiperspace index buffers		0-16777215	47
HSINDEX28K	CHAR	CPSM	8	No	DIF	Number of 28 KB Hiperspace index buffers		0-16777215	48
HSINDEX32K	CHAR	CPSM	8	No	DIF	Number of 32 KB Hiperspace index buffers		0-16777215	49
CREATE TIME	DATE TIME	CPSM	8	Yes	MAX	Definition create time			50
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			51
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			52
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			53
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			54

LSRINGRP Resource Table

A CPSM Business Application Services Definition that describes the membership of an LSR pool definition (LSRDEF) in a resource group (RESGROUP). An LSRDEF can be a member of multiple RESGROUPS.

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

There are no object specific actions for this resource class.

Length 32
Usage API or Batch Utility
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Definition
Copybook identifier EYUt6149 or LSRINGRP
Valid API operations GET CREATE and REMOVE

Table 272. LSRINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 273. LSRINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
LSRGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
LSRNAME-2	CHAR	CPSM	8	Yes	DIF	LSR pool definition name	6
LSRVER-3	BINARY	CPSM	1	Yes	AVG	LSR pool definition version	7

LSRPBUF Resource Table

A CICS Resource that describes a local shared resources buffer pool in an active CICS system being managed by CICSplex SM. An instance of LSRPBUF exists for each defined buffer size in the LSR pool.

While the LSRPBUF resource class identifies multiple key attributes, only the LSRPOOLID portion of the key can be specified in an EVALDEF INSTANCE attribute.

There are no object specific actions for this resource class.

Length	72
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0036 or LSRPBUF
Valid API operations	GET

Table 274. LSRPBUF resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
POOLSIZE-1	CHAR	STAT	8	DIF	Pool ID, buffer size and buffer type	1
HIPERBUFF	BINARY	STAT	4	AVG	Number of Hiperspace buffers	2
LOOKASIDES	BINARY	STAT	4	AVG	Number of lookaside buffer reads	3
READS	BINARY	STAT	4	AVG	Number of buffer reads	4
USERIWRITE	BINARY	STAT	4	AVG	Number of user-initiated buffer writes	5
NONUWRITE	BINARY	STAT	4	AVG	Number of non user-initiated buffer writes	6
CREADS	BINARY	STAT	4	AVG	Number of successful CREAD requests	7
CWRITES	BINARY	STAT	4	AVG	Number of successful CWRITE requests	8
FAILCREADS	BINARY	STAT	4	AVG	Number of failed CREAD requests	9
FAILCWRITES	BINARY	STAT	4	AVG	Number of failed CWRITE requests	10
COUNT	BINARY	STAT	2	AVG	Number of buffers	11
SIZE	BINARY	STAT	4	N/A	Buffer size	13
TYPE	EYUDA	INQ	4	LIKE	Buffer usage	14
TYPE Output Valid Values	DATA INDEX BOTH					
POOL	BINARY	STAT	1	MAX	Pool number	15

LSRPOOL Resource Table

A CICS Resource that describes a local shared resources pool in an active CICS system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

Length	136
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0035 or LSRPOOL
Valid API operations	GET

Table 2.75. LSRPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
CREATETIME	DECTIME	STAT	4	MAX	Local create time		1
DELETETIME	DECTIME	STAT	4	MAX	Local delete time		2
MAXKEYLEN	BINARY	STAT	2	AVG	Maximum key length		3
TOTSTRINGS	BINARY	STAT	2	AVG	Total number of strings		4
PEAKWAITREQ	BINARY	STAT	2	AVG	Peak number of requests waiting		5
MAXCCURSTR	BINARY	STAT	2	AVG	Peak number of concurrent active strings		6
TOTWAITREQ	BINARY	STAT	4	AVG	Total number of string waits		7
DBUFFCNT	BINARY	STAT	4	AVG	Number of data buffers		8
DHIPERBUF	BINARY	STAT	4	AVG	Number of Hiperspace data buffers		9
DBLOOKASIDE	BINARY	STAT	4	AVG	Number of successful lookasides to data buffers		10
DBREAD	BINARY	STAT	4	AVG	Number of read I/Os to data buffers		11
DBUIWRITE	BINARY	STAT	4	AVG	Number of user-initiated data buffer writes		12
DBNUWRITE	BINARY	STAT	4	AVG	Number of non user-initiated data buffer writes		13
DCREAD	BINARY	STAT	4	AVG	Number of successful data buffer CREAD requests		14
DCWRITE	BINARY	STAT	4	AVG	Number of successful data buffer CWRITE requests		15
DFAILCREAD	BINARY	STAT	4	AVG	Number of failed data buffer CREAD requests		16

Resource table descriptions

Table 2.75. LSRPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
DFAILCWRITE	BINARY	STAT	4	AVG	Number of failed data buffer CWRITE requests		17
IBUFFCNT	BINARY	STAT	4	AVG	Number of index buffers		18
IDHIPERBUF	BINARY	STAT	4	AVG	Number of Hiperspace index buffers		19
IBLOOKASIDE	BINARY	STAT	4	AVG	Number of lookaside index buffer reads		20
IBREADS	BINARY	STAT	4	AVG	Total number of index buffer reads		21
IBUIWRITE	BINARY	STAT	4	AVG	Number of user-initiated index buffer writes		22
IBNUWRITE	BINARY	STAT	4	AVG	Number of non user-initiated index buffer writes		23
ICREAD	BINARY	STAT	4	AVG	Number of successful index buffer CREAD requests		24
ICWRITE	BINARY	STAT	4	AVG	Number of successful index buffer CWRITE requests		25
IFAILCREAD	BINARY	STAT	4	AVG	Number of failed index buffer CREAD requests		26
IFAILCWRITE	BINARY	STAT	4	AVG	Number of failed index buffer CWRITE requests		27
LSRPOOLID-1	CHAR	STAT	2	DIF	LSR pool ID		28
IDXDATFLG	BIT	STAT	1	N/A	Separate data and index flag		29
GMTCRETIME	TIMESTP	STAT	8	MAX	GMT create time		31
GMTDELTIME	TIMESTP	STAT	8	MAX	GMT delete time		32

MAPDEF Resource Table

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

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

The following actions are supported:

INSTALL

Install a Map Set Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	136
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3805 or MAPDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	GET [CICSSYS] [RESGROUP] CREATE [RESGROUP]

API Actions

INSTALL	Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTOGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 276. MAPDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string terminator
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed

Resource table descriptions

Table 276. MAPDEF FEEDBACK error codes (continued)

INV_NAME	Invalid name	NOTIFY	Notify
INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid over type	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Table 2.77. MAPDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	Map set definition name			7
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	Residence status	NO		8
RESIDENT Input/Output Valid Values	YES NO								
STATUS	CVDAS	CPSM	4	Yes	LIKE	Map set status	ENABLED		9
STATUS Input/Output Valid Values	ENABLED DISABLED								
USAGE	EYUDA	CPSM	4	Yes	LIKE	Map set storage release	NORMAL		10
USAGE Input/Output Valid Values	NORMAL TRANSIENT								
USELPACOPY	EYUDA	CPSM	4	Yes	LIKE	Use map set from link pack area (LPA) option	NO		11
USELPACOPY Input/Output Valid Values	YES NO								
RSL	CHAR	CPSM	8	No	DIF	Resource security value	0	0-24	12
RSL Input/Output Valid Values	PUBLIC								
CREATETIME	DATE TIME	CPSM	8	Yes	MAX	Definition create time			13
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			14
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			15
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			16
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			17

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.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6150 or MAPINGRP
Valid API operations	GET CREATE and REMOVE

Table 278. MAPINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 279. MAPINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
MAPGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
MAPNAME-2	CHAR	CPSM	8	Yes	DIF	Map set definition name	6
MAPVER-3	BINARY	CPSM	1	Yes	AVG	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.

Length	304
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2443 or MAS
Valid API operations	GET SET and PERFORM

API Actions

STOP Stop

Parameters: None

Table 280. MAS FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	TOR_PARTICIPANT	TOR participant
MONSPEC_MISSING	Monitor specification missing	WLMSPEC_MISSING	WLM specification missing
RTASPEC_MISSING	specification missing		

Table 281. MAS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CICSNAME-1	CHAR	CPSM	8	DIF		CICS system name	4
CMASNAME	CHAR	CPSM	8	DIF		CMAS name	5
MASTYPE	EYUDA	CPSM	4	LIKE		MAS type	6
MASTYPE Output Valid Values	N_A LOCAL REMOTE						
CICSSTATE	EYUDA	CPSM	4	LIKE		MAS status	7

Resource table descriptions

Table 281. MAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CICSSTATE Output Valid Values	ACTIVE INACTIVE LOSTCON LOSTCMAS LOSTMAS						
MONSTATUS	EYUDA	CPSM	4	LIKE	yes	Monitoring status	8
MONSTATUS Input/Output Valid Values	YES NO FORCE						
RTASTATUS	EYUDA	CPSM	4	LIKE	yes	Real time analysis status	9
RTASTATUS Input/Output Valid Values	YES NO SAM MRM						
WLMSTATUS	EYUDA	CPSM	4	LIKE	yes	Workload manager status	10
WLMSTATUS Input Valid Values	YES						
WLMSTATUS Output Valid Values	YES NO						
RETENTION	BINARY	CPSM	4	AVG	yes	Monitoring data retention period	11
CICSSAMP	BINARY	CPSM	4	AVG	yes	Sample interval for CICS region monitoring	12
GLBLSAMP	BINARY	CPSM	4	AVG	yes	Sample interval for global region monitoring	13
DBXSAMP	BINARY	CPSM	4	AVG	yes	Sample interval for DB2/DBCTRL monitoring	14
CONNSAMP	BINARY	CPSM	4	AVG	yes	Sample interval for connection monitoring	15
FILESAMP	BINARY	CPSM	4	AVG	yes	Sample interval for file monitoring	16
JRNLSAMP	BINARY	CPSM	4	AVG	yes	Sample interval for journal monitoring	17
PROGSAMP	BINARY	CPSM	4	AVG	yes	Sample interval for program monitoring	18
TERMSAMP	BINARY	CPSM	4	AVG	yes	Sample interval for terminal monitoring	19
TDQSAMP	BINARY	CPSM	4	AVG	yes	Sample interval for TDQ monitoring	20
TRANSAMP	BINARY	CPSM	4	AVG	yes	Sample interval for transaction monitoring	21
KNLTRACE	BINARY	CPSM	4	AVG	yes	Kernel linkage trace flags	22
TRATRACE	BINARY	CPSM	4	AVG	yes	Trace services trace flags	23
MSGTRACE	BINARY	CPSM	4	AVG	yes	Message services trace flags	24
SRVTRACE	BINARY	CPSM	4	AVG	yes	External services trace flags	25
CHETRACE	BINARY	CPSM	4	AVG	yes	Cache services trace flags	26
QUETRACE	BINARY	CPSM	4	AVG	yes	Queue services trace flags	27
COMTRACE	BINARY	CPSM	4	AVG	yes	Communications trace flags	28
MASTRACE	BINARY	CPSM	4	AVG	yes	MAS services trace flags	29
WLMTRACE	BINARY	CPSM	4	AVG	yes	Workload manager trace flags	30
TOPTRACE	BINARY	CPSM	4	AVG	yes	Topology trace flags	31
RTATRACE	BINARY	CPSM	4	AVG	yes	Real time analysis (RTA) trace flags	32
DATRACE	BINARY	CPSM	4	AVG	yes	Data repository trace flags	33

Table 281. MAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
BASTRACE	BINARY	CPSM	4	AVG	yes	Business application services (BAS) trace flags	34
SECCMDCHK	EYUDA	CPSM	4	LIKE	yes	Simulated security command check	35
SECCMDCHK Input/Output Valid Values	YES NO						
SECRESCHK	EYUDA	CPSM	4	LIKE	yes	Simulated security resource check	36
SECRESCHK Input/Output Valid Values	YES NO						
SECBYPASS	EYUDA	CPSM	4	LIKE	yes	Simulated security exemption check	37
SECBYPASS Input/Output Valid Values	YES NO						
SAMSEV	EYUDA	CPSM	4	LIKE	yes	Severity for system availability monitoring event	38
SAMSEV Input/Output Valid Values	VLS LS LW HW HS VHS						
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						
SDMSEV	EYUDA	CPSM	4	LIKE	yes	Severity for system dump event	40
SDMSEV Input/Output Valid Values	VLS LS LW HW HS VHS						
TDMSEV	EYUDA	CPSM	4	LIKE	yes	Severity for transaction dump event	41
TDMSEV Input/Output Valid Values	VLS LS LW HW HS VHS						
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						
STLSEV	EYUDA	CPSM	4	LIKE	yes	Severity for CICS-stalled event	43
STLSEV Input/Output Valid Values	VLS LS LW HW HS VHS						
SAMACTION	CHAR	CPSM	8	DIF	yes	Action for system availability monitoring event	44
SOSACTION	CHAR	CPSM	8	DIF	yes	Action for short on storage (SOS) event	45
SDMACTION	CHAR	CPSM	8	DIF	yes	Action for system dump event	46
TDMACTION	CHAR	CPSM	8	DIF	yes	Action for transaction dump event	47
MXTACTION	CHAR	CPSM	8	DIF	yes	Action for CICS-at-maximum-tasks event	48

Resource table descriptions

Table 281. MAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
STLACTION	CHAR	CPSM	8	DIF	yes	Action for CICS-stalled event	49
PRICMAS	CHAR	CPSM	8	DIF	yes	Primary CMAS name	50
ACTVTIME	CHAR	CPSM	8	DIF	yes	Period definition name	51
DESC	CHAR	CPSM	58	DIF		CICS system description	52
TMEZONEO	BINARY	CPSM	1	AVG	yes	Time zone offset	53
TMEZONE	CHAR	CPSM	1	DIF	yes	Time zone	54
DAYLGHTSV	EYUDA	CPSM	4	LIKE	yes	Daylight savings in effect	55
DAYLGHTSV Input/Output Valid Values	YES NO						
AUTOINST	EYUDA	CPSM	4	LIKE	yes	Autoinstall request type	57
AUTOINST Input/Output Valid Values	NEVER ALWAYS COLDOONLY WARMONLY						
AINSFAIL	EYUDA	CPSM	4	LIKE	yes	Autoinstall failure action	58
AINSFAIL Input/Output Valid Values	CONTINUE PROMPT SHUTDOWN TERMINATE						

MASSTAT Resource Table

A CPSM Topology Manager object that describes the status of MASEs in each
 # CMAS in the CICSplex. This is a diagnostic resource designed to provide
 # information to identify CMASEs in which the Topology Join process failed.

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

There are no object specific actions for this resource class

Length 96

Usage API

API view Yes

CMAS context No

SCOPE applies Yes

Only query CMASs in workload

No

Object type CPSM Manager

Copybook identifier EYUT2640 or MASSTAT

Valid API operations GET

Table 282. MASSTAT resource table attributes

#	Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
#	CICSNAME-1	CHAR	CPSM	8	DIF		CICS system name	4
#	CMASNAME	CHAR	CPSM	8	DIF		CMAS name	5
#	MASTYPE	EYUDA	CPSM	4	LIKE		MAS type	6
#	MASTYPE Output Valid Values	N_A LOCAL REMOTE						
#	CICSSTATE	EYUDA	CPSM	4	LIKE		CICS system	7
#	CICSSTATE Output Valid Values	ACTIVE INACTIVE LOSTCON LOSTCMAS LOSTMAS						
#	RPTCMAS-2	CHAR	CPSM NAME	8	DIF		Reporting CMAS	8
#	DESC	CHAR	CPSM	58	DIF		Description	9

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.

Length 64
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Resource
Copybook identifier EYUt0153 or MASHIST
Valid API operations GET

Table 283. MASHIST resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
STATUS	EYUDA	CPSM	4	LIKE	History status	1
STATUS Output Valid Values	ACTIVE INACTIVE					
REASON	EYUDA	CPSM	4	LIKE	History reason code	2
REASON Output Valid Values	OK NOTFOUND NOTAVAILABLE INVALIDFILE IOERROR					
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
CDSSUF	CHAR	CPSM	1	DIF	Current data set suffix	6
TASKNO	DECIMAL	CPSM	4	MAX	Task ID of Current Recorder	7
RESERVED1	CHAR	CPSM	1	N/A	Reserved area for expansion	8
RESERVED2	BINARY	CPSM	4	N/A	Reserved area for expansion	9
RESERVED3	BINARY	CPSM	4	N/A	Reserved area for expansion	10
RESERVED4	BINARY	CPSM	4	N/A	Reserved area for expansion	11
RESERVED5	BINARY	CPSM	4	N/A	Reserved area for expansion	12
RESERVED6	BINARY	CPSM	4	N/A	Reserved area for expansion	13

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.

Length	208
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Monitored
Copybook identifier	EYUt1367 or MCICSDSA
Valid API operations	GET and PERFORM

API Actions

DISCARD

Discard

Parameters: None

RESET

Reset

Parameters: None

Table 284. MCICSDSA FEEDBACK error codes

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

Resource table descriptions

Table 285. MCICSDSA resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
INTERVALID	TIMESTP	CPSM	8	N/A	Interval ID		1
NAME-1	CHAR	STAT	8	DIF	Dynamic storage area (DSA) name		2
SIZE	BINARY	STAT	4	MAX	DSA Size		3
CUSHION	BINARY	STAT	4	MAX	Cushion size		4
PGMONIU	CODEDBIN	STAT	4	AVG	Storage occupied by not-in-use programs		5
GETMTOTL	BINARY	STAT	4	AVG	Number of GETMAIN requests		6
FREMTOTL	BINARY	STAT	4	AVG	Number of FREEMAIN requests		7
ASUBTOTL	CODEDBIN	STAT	4	AVG	Number of Add Subpool requests		8
DSUBTOTL	CODEDBIN	STAT	4	AVG	Number of Delete Subpool requests		9
NSTGTOTL	CODEDBIN	STAT	4	AVG	Number of times NOSTORAGE returned		10
STGSTOTL	BINARY	STAT	4	AVG	Number of times requests were suspended		11
STGSHWM	BINARY	STAT	4	AVG	Peak number of suspended storage requests		12
NSTGTSUSP	BINARY	STAT	4	AVG	Number of current suspended storage requests		13
STGPWCNT	CODEDBIN	STAT	4	AVG	Number of tasks purged while waiting		14
STGCRELC	BINARY	STAT	4	AVG	Number of times cushion released		15
STGSOSC	CODEDBIN	STAT	4	N/A	Number of times CICS went short-on-storage		16

Table 285. MCICSDSA resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
STGNSUBP	BINARY	STAT	4	AVG	Number of current subpools		17
STGFSIZE	BINARY	STAT	4	MAX	Free storage size		18
STGSOST	INTSTCK	STAT	8	N/A	Total time CICS was short on storage		19
CURFRESTG	PERCENT	CPSM	4	AVG	Percentage of free storage for current sample		20
INTFRESTG	PERCENT	CPSM	4	AVG	Percentage of free storage for monitor interval		21
STGLSIZE	CODEDBIN	STAT	4	AVG	Largest free area size		22
STGVTOTL	CODEDBIN	STAT	4	AVG	Number of storage violations		23
LOCATION	EYUDA	STAT	4	LIKE	Dynamic storage area (DSA) location		24
LOCATION Output Valid Values	ABOVE BELOW						
ACCESSSTYPE	EYUDA	STAT	4	LIKE	Storage key		25
ACCESSSTYPE Output Valid Values	CICS USER READONLY						
STGHWM	BINARY	STAT	4	AVG	Peak size of DSA		26
LIMIT	CODEDBIN	STAT	4	AVG	Maximum size of DSA		27
POOLPCTFREE	PERCENT	CPSM	4	AVG	Percentage of available pool storage		28
PCTFREE	PERCENT	CPSM	4	AVG	Percentage of available total storage		29
STGPROTECT	CVDAS	STAT	4	LIKE	Storage protection active		30
STGPROTECT Output Valid Values	ACTIVE INACTIVE						
RNTPGPROTECT	CVDAS	STAT	4	LIKE	Reentrant program protection status		31

Resource table descriptions

Table 285. MCI CSDSA resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
RNTPGPROTECT Output Valid Values	REENTPROT	NOREENTPROT					
TRNISOLATION	CVDAS	STAT	4	LIKE	Transaction isolation status		32
TRNISOLATION Output Valid Values	ACTIVE	INACTIVE					
HWMFREE	CODEDBIN	CPSM	4	AVG	Peak amount of free storage available		33
LWMFREE	CODEDBIN	CPSM	4	AVG	Smallest amount of free storage available		34
CURUNQSSUSRS	CODEDBIN	STAT	4	AVG	Current tasks allocated a unique subspace		35
CUMUNQSSUSRS	CODEDBIN	STAT	4	AVG	Cumulative number of unique subspace users		36
HWMUNQSSUSRS	CODEDBIN	STAT	4	AVG	Peak number of unique subspace users		37
CURCMNSSUSRS	CODEDBIN	STAT	4	AVG	Current number of common subspace users		38
CUMCMNSSUSRS	CODEDBIN	STAT	4	AVG	Cumulative number of common subspace users		39
HWMCMNSSUSRS	CODEDBIN	STAT	4	AVG	Peak number of common subspace users		40
CURRALLOC	CODEDBIN	STAT	4	AVG	Current DSA allocated above/below 16M line		41
HWMALLOC	CODEDBIN	STAT	4	AVG	Peak DSA allocated above/below 16M line		42
REQSWAITMVS	BINARY	STAT	4	AVG	Number of requests for MVS storage causing wait	E530 and E620	43
TIMEWAITMVS	INTSTCK	STAT	8	AVG	Total time waiting for MVS storage	E530 and E620	44

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.

Length	416
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Monitored
Copybook identifier	EYUt1366 or MCICSRGN
Valid API operations	GET and PERFORM

API Actions

DISCARD

Discard

Parameters: None

RESET

Reset

Parameters: None

Table 286. MCICSRGN FEEDBACK error codes

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

Resource table descriptions

Table 287. MCICSRGN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
INTERVALID	TIMESTP	CPSM	8	N/A	Interval ID		1
JOBNAME	CHAR	INQ	8	DIF	Job name		2
MVSSYSID	CHAR	CPSM	4	DIF	MVS system ID		3
AMAXTASKS	BINARY	INQ	4	N/A	Maximum number of active tasks		4
MAXTASKS	BINARY	INQ	4	AVG	Maximum number of active and suspended tasks		5
CICSSSTATUS	CVDAS	INQ	4	LIKE	CICS status		6
CICSSSTATUS Output Valid Values	STARTUP ACTIVE FIRSTQIESCE FINALQIESCE						
SYSDUMP	CVDAS	INQ	4	LIKE	System dump status		7
SYSDUMP Output Valid Values	SYSDUMP NOSYSDUMP						
EXTSEC	CVDAS	INQ	4	LIKE	External security manager option		8
EXTSEC Output Valid Values	EXTSECURITY NOSECURITY						
MROBATCH	BINARY	INQ	4	AVG	Number of MRO requests to be batched		9
AINSCREQ	CODEDBIN	INQ	4	AVG	Number of current autoinstall requests		10
AINSMREQ	CODEDBIN	INQ	4	AVG	Maximum number of autoinstall requests		11
AINSSTAT	CVDAS	INQ	4	LIKE	Autoinstall enabled status		12
AINSSTAT Output Valid Values	ENABLED DISABLED						

Table 287. MCICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
IRCSTAT	CVDAS	INQ	4	LIKE	Interregion communication (IRC) status		13
IRCSTAT Output Valid Values	OPEN CLOSED CLOSING IMMCLOSING						
CUTCBCNT	CODEDBIN	STAT	2	N/A	Number of MVS task control blocks (TCBs)		15
CURTASKRATE	RATE	CPSM	4	AVG	Task rate for current sample		16
INTTASKRATE	RATE	CPSM	4	AVG	Task rate for interval		17
CURPTSKRATE	RATE	CPSM	4	AVG	Peak task rate for current sample		18
INTPTSKRATE	RATE	CPSM	4	AVG	Peak task rate for interval		19
PEAKTASKS	BINARY	STAT	2	AVG	Peak number of tasks in system		20
CURRAMAX	CODEDBIN	STAT	2	AVG	Current number of user tasks eligible for dispatch		21
CURAMAXRATE	RATE	CPSM	4	AVG	AMAX rate for current sample		22
INTAMAXRATE	RATE	CPSM	4	AVG	AMAX rate for interval		23
CURPAMAXRATE	RATE	CPSM	4	AVG	Peak AMAX rate for current sample		24
INTPAMAXRATE	RATE	CPSM	4	AVG	Peak AMAX rate for interval		25
PEAKAMAX	CODEDBIN	STAT	2	AVG	Peak number of user tasks eligible for dispatch		26
LOADREQS	CODEDBIN	STAT	4	AVG	Number of load requests		28
LASTRESET	TIMESTP	STAT	8	MAX	Last statistics reset time		29
LOADTIME	INT16US	STAT	4	AVG	Total loading time		30
PRGMUCNT	CODEDBIN	STAT	4	AVG	Number of uses of any program by the CICS system		31
PRGMWAIT	CODEDBIN	STAT	4	AVG	Current number of waiting loader requests		32

Resource table descriptions

Table 287. MCICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
LOADWCNT	CODEDBIN	STAT	4	AVG	Number of tasks that have waited for load requests		33
LOADHWMW	CODEDBIN	STAT	4	AVG	Peak number of tasks waiting for load requests		34
LOADHVMC	CODEDBIN	STAT	4	AVG	Number of times peak suspended tasks reached		35
LOADWAIT	INT16US	STAT	4	AVG	Total load waiting time		36
RDEBRBLD	CODEDBIN	STAT	4	AVG	Number of times DFHRPL reopened and load retried		37
PRGMRCMP	CODEDBIN	STAT	4	AVG	Number of programs removed by compression		38
LOADTNIU	INTSTCK	STAT	8	AVG	Total time to remove not-in-use programs		39
LOADPNIU	CODEDBIN	STAT	4	AVG	Number of programs on not-in-use queue		40
LOADRNIU	CODEDBIN	STAT	4	AVG	Number of reclaims from not-in-use queue		41
SDMPTOTL	CODEDBIN	STAT	4	AVG	Number of system dumps taken		42
SDMPSUPP	CODEDBIN	STAT	4	AVG	Number of system dumps suppressed		43
TDMPOTL	BINARY	STAT	4	AVG	Number of transaction dumps taken		44
TDMPSUPP	CODEDBIN	STAT	4	AVG	Number of transaction dumps suppressed		45
SYSID	CHAR	CPSM	4	DIF	CICS system ID		46
STRRTIME	TIMESTP	CPSM	8	MAX	CICS start time		47
CPUTIME	INTUSEC	CPSM	8	AVG	Total CPU time used		48
CURCPUPER	PERCENT	CPSM	4	AVG	Rate of CPU usage during last sample period		49

Table 287. MCICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID	
INTCPUPER	PERCENT	CPSM	4	AVG	Average rate of CPU usage over monitor interval		50	
PAGEIN	BINARY	CPSM	4	AVG	Number of page-in requests		51	
CURPGIRATE	RATE	CPSM	4	AVG	Page-in rate for current sample		52	
INTPGIRATE	RATE	CPSM	4	AVG	Page-in rate for monitor interval		53	
PAGEOUT	BINARY	CPSM	4	AVG	Number of page-out requests		54	
CURPGORATE	RATE	CPSM	4	AVG	Page-out rate for current sample		55	
INTPGORATE	RATE	CPSM	4	AVG	Page-out rate for monitor interval		56	
REALSTG	CODEDBIN	CPSM	4	AVG	Real storage in use		57	
SIORREQ	CODEDBIN	CPSM	4	AVG	Number of I/O requests		58	
CURSRIORATE	RATE	CPSM	4	AVG	Start I/O rate for current sample		59	
INTSIORATE	RATE	CPSM	4	AVG	Start I/O rate for monitor interval		60	
VTMSTATUS	CVDAS	INQ	4	LIKE	CICS-VTAM connection status		61	
VTMSTATUS Output Valid Values	OPEN CLOSED CLOSING IMMCLOSING FORCECLOSING NOTAPPLIC							
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	CODEDBIN	STAT	2	AVG	Number of times VTAM had short-on-storage status		64	
VTMACBDOPE	CODEDBIN	STAT	2	AVG	Number of times VTAM ACB dynamically opened		65	
LUCURR	CODEDBIN	STAT	4	AVG	Number of LUs currently logged on		67	

Resource table descriptions

Table 287. MCICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
LUHWM	CODEDBIN	STAT	4	AVG	Highest number of LUs logged on at any one time		68
PRSSINQCNT	CODEDBIN	STAT	4	AVG	Number of CICS persistent-session inquiries		69
PRSSNIBCNT	CODEDBIN	STAT	4	AVG	Number of VTAM sessions that persisted		70
PRSSOPNCNT	CODEDBIN	STAT	4	AVG	Number of persistent sessions successfully restored		71
PRSSUNBDCNT	CODEDBIN	STAT	4	AVG	Number of persistent sessions that were terminated		72
PRSSERRRCNT	CODEDBIN	STAT	4	AVG	Persistent sessions error count		73
CURRTASKS	BINARY	INQ	4	N/A	Current number of tasks		74
MAXTRCNT	BINARY	STAT	4	AVG	Number of times MAXTASK limit reached		75
CURACTVUSRTR	CODEDBIN	STAT	4	AVG	Current number of active user transactions		76
CURQUEJUSRTR	CODEDBIN	STAT	4	AVG	Current number of queued user transactions		77
PEKACTVUSRTR	CODEDBIN	STAT	4	AVG	Peak number of active user transaction		78
PEKQUEJUSRTR	CODEDBIN	STAT	4	AVG	Peak number of queued user transactions		79
TOTACTVUSRTR	CODEDBIN	STAT	4	AVG	Total number of active user transactions		80
TOTDELYUSRTR	CODEDBIN	STAT	4	AVG	Total number of queued user transactions		81
TOTQUETIME	INTSTCK	STAT	8	AVG	Total time queued transactions waited		82
CURQUETIME	INTSTCK	STAT	8	AVG	Time currently queued transactions waiting		83
PROGAUTOATM	CODEDBIN	STAT	4	AVG	Number of program autoinstall attempts		84

Table 287. MCICSRGN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
PROGAUTOXREJ	CODEDBIN	STAT	4	AVG	Number of times autoinstall prog request rejected		85
PROGAUTOFAIL	CODEDBIN	STAT	4	AVG	Number of failed program autoinstall attempts		86
RELEASE	CHAR	INQ	4	DIF	CICS Release		97
INTVTRANS	CODEDBIN	STAT	4	AVG	Transactions run since last CICS statistics reset		98
TOTLTASKS	BINARY	STAT	8	AVG	Total number of tasks		99
PLASTRESET	DECTIMES	STAT	4	AVG	Last reset time		100
CTSLEVEL	CHAR	INQ	6	DIF	CICS Transaction Server level		101
OSLEVEL	CHAR	INQ	6	DIF	OS/390 level		102
DSGTOTMT	INTSTCK	STAT	8	AVG	Total MVS storage wait time	E530 and E620	103
DSGTOTMW	BINARY	STAT	4	AVG	Total number of MVS storage waiters	E530 and E620	104

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.

Length	312
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Monitored
Copybook identifier	EYUt1399 or MCMDT
Valid API operations	GET and PERFORM

API Actions

DISCARD

Discard

Parameters: None

RESET

Reset

Parameters: None

Table 288. MCMDT FEEDBACK error codes

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

Table 289. MCMDT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
INTERVALID	TIMESTP	CPSM	8	N/A	Interval identifier		1
FILE-1	CHAR	INQ	8	DIF	File identifier		2
VSAMTYPE	CVDAS	INQ	4	LIKE	VSAM file type		3
VSAMTYPE Output Valid Values	ESDS KSDS RRDS						
DSNAME	CHAR	INQ	44	DIF	Data set name		4
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status		5
ENABLESTATUS Output Valid Values	ENABLED DISABLED UNENABLED DISABLING						
MAXNUMRECS	BINARY	INQ	4	AVG	Maximum records table can hold		6
OPENSTATUS	CVDAS	INQ	4	LIKE	Open status		7
OPENSTATUS Output Valid Values	OPEN CLOSED OPENING CLOSING CLOSEREQUEST						
RECORDSIZE	BINARY	INQ	4	AVG	Record size		8
STRINGS	BINARY	INQ	4	AVG	Strings		9
TABLE	CVDAS	INQ	4	LIKE	Data table indicator		10
TABLE Output Valid Values	CICSTABLE USERTABLE CFTABLE						
TIMECLOSE	DECTIME	STAT	4	MAX	Time closed		11
TIMEOPEN	DECTIME	STAT	4	MAX	Time opened		12
GETCNT	BINARY	STAT	4	AVG	Number of get requests		13
GETUPCNT	BINARY	STAT	4	AVG	Number of get update requests		14

Resource table descriptions

Table 289. MCMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
BROWSECNT	BINARY	STAT	4	AVG	Number of browse requests		15
ADDCNT	BINARY	STAT	4	AVG	Number of add requests		16
UPDATECNT	BINARY	STAT	4	AVG	Number of update requests		17
LOCDELCNT	BINARY	STAT	4	AVG	Number of local delete requests		18
TOTLREQCNT	SUM	STAT	4	AVG	Sum of all requests		19
CURREQRATE	RATE	CPSM	4	AVG	Request rate for current sample		20
INTREQRATE	RATE	CPSM	4	AVG	Request rate for interval		21
DEXCPCNT	BINARY	STAT	4	AVG	VSAM EXCP count data component		22
IEXGPCNT	BINARY	STAT	4	AVG	VSAM EXCP count INDEX component		23
CURDEXCPRATE	RATE	CPSM	4	AVG	VSAM data EXCP rate current sample		24
INTDEXCPRATE	RATE	CPSM	4	AVG	VSAM data EXCP rate for interval		25
CURIEXCPRATE	RATE	CPSM	4	AVG	VSAM index EXCP rate current sample		26
INTIEXCPRATE	RATE	CPSM	4	AVG	VSAM index EXCP rate for interval		27
WSTRCNT	BINARY	STAT	4	AVG	Wait on string total count		28
WSTRCCURCNT	BINARY	STAT	4	AVG	Wait on string maximum concurrent count		29
READS	CODEDBIN	STAT	4	AVG	Successful reads		30
CURREADRATE	RATE	CPSM	4	AVG	Successful read rate current sample		31
INTREADRATE	RATE	CPSM	4	AVG	Successful read rate for interval		32
RECNOTFND	CODEDBIN	STAT	4	AVG	Total records not found in table		33

Table 289. MCMMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
ADDFRREAD	CODEDBIN	STAT	4	AVG	Add requests resulting from reads		34
ADDREQ	CODEDBIN	STAT	4	AVG	Total add requests		35
ADDREJ	CODEDBIN	STAT	4	AVG	Add requests rejected by exit		36
ADDTFULL	CODEDBIN	STAT	4	AVG	Total add requests when table full		37
REWRITE	CODEDBIN	STAT	4	AVG	Total rewrite requests		38
DELETEREQ	CODEDBIN	STAT	4	AVG	Total delete requests		39
MAXTSIZE	CODEDBIN	STAT	4	AVG	Highest table size		40
TOTMREQCNT	SUM	STAT	4	AVG	Sum of all MDT requests		41
CURMRQRATE	RATE	CPSM	4	AVG	MDT request rate for current sample		42
INTMRQRATE	RATE	CPSM	4	AVG	MDT request rate for interval		43
CURCOUNT	CODEDBIN	STAT	4	AVG	Current record count		44
READRETRY	CODEDBIN	STAT	4	AVG	Read retries		45
STGALCTOT	CODEDBIN	STAT	4	AVG	Total storage allocated		46
STGALCINU	CODEDBIN	STAT	4	AVG	Total storage in use		47
STGENTTOT	CODEDBIN	STAT	4	AVG	Entries storage allocated		48
STGENTINU	CODEDBIN	STAT	4	AVG	Entries storage in use		49
STGIDXTOT	CODEDBIN	STAT	4	AVG	Index storage allocated		50
STGIDXINU	CODEDBIN	STAT	4	AVG	Index storage in use		51
STGDTATOT	CODEDBIN	STAT	4	AVG	Data storage allocated		52
STGDTAINU	CODEDBIN	STAT	4	AVG	Data storage in use		53
LSRPOOLID	CHAR	INQ	2	DIF	Local shared resources pool identifier		54
NUMDATBUFF	CODEDBIN	STAT	2	AVG	Number of data buffers		55
NUMINDEXBUFF	CODEDBIN	STAT	2	AVG	Number of index buffers		56
NUMACTSTRING	CODEDBIN	STAT	2	AVG	Number of active strings		57

Resource table descriptions

Table 289. MCMDT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
NUMSTRINGWT	CODEDBIN	STAT	2	AVG	Number of active string waits		58
POOLNAME	CHAR	INQ	8	DIF	CFDT pool name		59
TABLENAME	CHAR	INQ	8	DIF	CFDT table name		60
CONTENTION	CODEDBIN	STAT	4	AVG	CFDT contention count		62

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.

Length	208
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Monitored
Copybook identifier	EYUt1370 or MCONNECT
Valid API operations	GET and PERFORM

API Actions

DISCARD

Discard

Parameters: None

RESET

Reset

Parameters: None

Table 290. MCONNECT FEEDBACK error codes

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

Resource table descriptions

Table 291. MCONNECT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID	
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved			
INTERVALID	TIMESTP	CPSM	8	N/A	Interval ID		1	
NAME-1	CHAR	INQ	4	DIF	Connection ID		2	
NETNAME	CHAR	INQ	8	DIF	Net name		3	
PROTOCOL	CVDAS	INQ	4	LIKE	Connection protocol		4	
PROTOCOL Output Valid Values	LU61 APPC NOTAPPLIC							
TYPE	EYUDA	CPSM	4	LIKE	Connection type		5	
TYPE Output Valid Values	LU61 LU62 INDIRECT MRO							
CONNSTATUS	CVDAS	INQ	4	LIKE	Connection status		6	
CONNSTATUS Output Valid Values	RELEASED OBTAINING ACQUIRED FREEING AVAILABLE							
ACCESSMETHOD	CVDAS	INQ	4	LIKE	Access method		7	
ACCESSMETHOD Output Valid Values	VTAM IRC INDIRECT XM							
SERVSTATUS	CVDAS	INQ	4	LIKE	Service status		8	
SERVSTATUS Output Valid Values	INSERVICE OUTSERVICE GOINGOUT							
AIDS	BINARY	STAT	2	AVG	Number of automatic initiate descriptors (AIDs)		9	
NONSPECAID	BINARY	STAT	2	AVG	Number of AIDs waiting for a session		10	
ATISBPRI	BINARY	STAT	4	AVG	Number of ATIs satisfied by primary sessions		11	

Table 291. MCONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
MAXSECOND	BINARY	STAT	4	AVG	Peak number of secondaries in use at one time		12
ATISBSEC	BINARY	STAT	4	AVG	Number of ATIs satisfied by secondary sessions		13
MAXBIDS	BINARY	STAT	4	AVG	Maximum number of concurrent bids		14
BIDSENT	BINARY	STAT	4	AVG	Total number of bids sent		15
ALLOCATES	BINARY	STAT	4	AVG	Total number of allocate requests		16
OUTSALLOC	BINARY	STAT	4	AVG	Peak number of outstanding allocate requests		17
QUEDALLOCATE	BINARY	STAT	4	AVG	Number of queued allocate requests		18
FAILINKALLOC	BINARY	STAT	4	AVG	Number of allocate requests with link failure		19
FAILEDOTHERS	BINARY	STAT	4	AVG	Number of allocate requests with other failure		20
FCFUNCSHIP	BINARY	STAT	4	AVG	Number of File Control function ships		21
ICFUNCSHIP	BINARY	STAT	4	AVG	Number of Interval Control function ships		22
TDFUNCSHIP	BINARY	STAT	4	AVG	Number of Transient Data function ships		23
TSFUNCSHIP	BINARY	STAT	4	AVG	Number of Temporary Storage function ships		24
DLIFUNCSHIP	BINARY	STAT	4	AVG	Number of DL/I function ships		25
TERMSHAREREQ	BINARY	STAT	4	AVG	Number of terminal sharing requests		26
MAXPRIMARIES	CODEDBIN	STAT	2	AVG	Peak number of primary sessions in use		27
CONCURBIDS	BINARY	STAT	2	AVG	Number of bids currently in progress		28

Resource table descriptions

Table 291. MCONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
CURFCFSRATE	RATE	CPSM	4	AVG	File Control ship rate for current sample		29
INTFCFSRATE	RATE	CPSM	4	AVG	File Control ship rate for interval		30
EXIT_REJALLC	CODEDBIN	STAT	4	AVG	Allocates rejected because QUEUELIMIT reached		31
RECEIVECOUNT	CODEDBIN	INQ	4	AVG	Number of defined receive sessions		32
SENDCOUNT	CODEDBIN	INQ	4	AVG	Number of defined send sessions		33
MAXQTPURGCNT	CODEDBIN	STAT	2	AVG	Number of allocates purged due to MAXQTIME value		34
MAXQTIME	CODEDBIN	STAT	2	AVG	Maximum queue time		35
ALLOCLIMIT	CODEDBIN	STAT	2	AVG	Allocate queue limit (QUEUELIMIT)		36
XZIQREJS	CODEDBIN	STAT	4	AVG	Number of allocates rejected by XZIQUE exit		38
XZIQPRGCNT	CODEDBIN	STAT	2	AVG	Number of queue purges requested by XZIQUE exit		39
XZIQALLCPRG	CODEDBIN	STAT	2	AVG	Number of allocates purged by XZIQUE exit		40
MAXQTALLCPRG	CODEDBIN	STAT	2	AVG	Number of allocates purged when MAXQTIME exceeded		41
TOTFUNCSHIP	SUM	STAT	4	AVG	Total number of function ships		43
GMTCREATIME	TIMESTP	STAT	8	MAX	GMT connection create time		44
CONNCREATIME	TIMESTP	STAT	8	MAX	Local connection create time		45
GMTDELETIME	TIMESTP	STAT	8	MAX	GMT connection delete time		46
CONNDELETIME	TIMESTP	STAT	8	MAX	Local connection delete time		47
PRICURRUSED	CODEDBIN	STAT	2	AVG	Number of primaries currently in use		50

Table 291. MCONNECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
SECCURRUSED	CODEDBIN	STAT	2	AVG	Number of secondaries currently in use		51
DPLFUNCSHIP	BINARY	STAT	4	AVG	Number of Distributed Program Link function ships		52

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.

Length 112
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Monitored
Copybook identifier EYUt1389 or MDB2THRD
Valid API operations GET and PERFORM

API Actions

DISCARD

Discard

Parameters: None

RESET

Reset

Parameters: None

Table 292. MDB2THRD FEEDBACK error codes

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

Table 293. MDB2THRD resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
INTERVALID	TIMESTP	CPSM	8	N/A	Interval identifier	1
INITTRAN-1	CHAR	CPSM	4	DIF	Initial transaction	2
AUTHTYPE	EYUDA	CPSM	4	LIKE	Authorization type	3
AUTHTYPE Output Valid Values	USER TERMID TRANID SIGNID CHARSTR USERID RACFGID NULL					
DPMODE	EYUDA	CPSM	4	LIKE	Dispatching mode	4

Table 293. MDB2THRD resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
DPMODE Output Valid Values	HIGH LOW EQ					
ROLLBACKOPT	EYUDA	CPSM	4	LIKE	Rollback option	5
ROLLBACKOPT Output Valid Values	YES NO					
MAXTHREADS	BINARY	CPSM	2	AVG	Maximum number of threads	6
CURTHREADS	BINARY	CPSM	2	AVG	Current number of threads	7
RSVTHREADS	BINARY	CPSM	4	AVG	Reserved threads	8
THREADWOPT	EYUDA	CPSM	4	LIKE	Thread wait option	9
THREADWOPT Output Valid Values	TWAIT NOTWAIT POOL YES NO NA					
PLANPRGM	CHAR	CPSM	8	DIF	Dynamic plan allocation exit program	10
PLANNAME	CHAR	CPSM	8	DIF	Plan name if not dynamic allocation	11
AUTHCNT	BINARY	CPSM	4	N/A	Number of authorizations done	12
USECOUNT	BINARY	CPSM	4	N/A	Number of times plan used	13
CURUSERATE	RATE	CPSM	4	AVG	Usage rate for current sample	14
INTUSERATE	RATE	CPSM	4	AVG	Usage rate for interval	15
THREADWAIT	BINARY	CPSM	4	N/A	Number of thread waits	16
ABORTCNT	BINARY	CPSM	4	AVG	Number of aborts	17
READCOMMIT	BINARY	CPSM	4	AVG	Number of read only commits	18
OTHERIDS	BINARY	CPSM	4	AVG	Number of transactions in group	19
THREADHWM	BINARY	CPSM	2	MAX	Peak number of threads in use	20
NAME	CHAR	CPSM	4	DIF	Name of DB2 subsystem	21

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.

Length 24
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Metadata
Copybook identifier EYUt2546 or METADESC

Table 294. METADESC resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
NAME-1	CHAR	CPSM	12	DIF	Attribute name	4
LENGTH	BINARY	CPSM	2	AVG	Attribute length	5
OFFSET	BINARY	CPSM	2	AVG	Attribute offset in table	6
DATATYPE	BINARY	CPSM	1	AVG	Data type	7
INHERIT	CHAR	CPSM	1	DIF	Inherit value	9

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.

Length	40
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Metadata
Copybook identifier	EYUt2634 or METANAME

Table 295. METANAME resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
NAMETYPE-1	BINARY	CPSM	1	DIF	Type of data	4
VALUE-2	BINARY	CPSM	4	DIF	Numeric value of CVDA or EYUDA	6
NAME	CHAR	CPSM	12	DIF	Name of CVDA or EYUDA	7
DESCRIPTION	CHAR	CPSM	16	DIF	Short description	8

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.

Length 104
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Metadata
Copybook identifier EYUt2633 or METAPARM

Table 296. METAPARM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
TABLE-1	CHAR	CPSM	8	DIF	Base table name	4
ACTION-2	CHAR	CPSM	12	DIF	Action name	5
NAME-3	CHAR	CPSM	12	DIF	Parameter literal in API parameter string	6
ID	BINARY	CPSM	4	AVG	Parameter number	7
GROUP_ID	BINARY	CPSM	1	AVG	Parameter token	8
REQUIRED	CHAR	CPSM	1	DIF	Parameter required	9
WORKLOAD	CHAR	CPSM	1	DIF	Workload parameter required	10
WLMOWNER	CHAR	CPSM	1	DIF	Workload owner parameter required	11
VALUE	BINARY	CPSM	4	AVG	Parameter value	12
MODE	BINARY	CPSM	1	DIF	Mode of application of parameter	18
DESCRIPTION	CHAR	CPSM	50	DIF	Description	19
CICSVALAVAIL	CHAR	CPSM	1	DIF	CICS validity data available	20
VALCICSESA	BIT	CPSM	1	N/A	Not valid in CICS/ESA	21
VALCICSVSE	BIT	CPSM	1	N/A	Not valid in CICS/VSE	22
VALCICSOS2	BIT	CPSM	1	N/A	Not valid in CICS/OS2	23
VALCICSWNT	BIT	CPSM	1	N/A	Not valid in CICS for Windows	26
VALCICSES2	BIT	CPSM	1	N/A	Not valid in CICS/ESA byte 2	27
DATE	CHAR	CPSM	1	DIF	Parameter represents a date	29
TIME	CHAR	CPSM	1	DIF	Parameter represents a time	30
PICKLIST	CHAR	CPSM	1	DIF	Picklist supported	31

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.

Length	104
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Monitored
Copybook identifier	EYUt1401 or MFEPICON
Valid API operations	GET and PERFORM

API Actions

DISCARD

Discard

Parameters: None

RESET

Reset

Parameters: None

Table 297. MFEPICON FEEDBACK error codes

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

Resource table descriptions

Table 298. MFEPICON resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID	
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved			
INTERVALID	TIMESTP	CPSM	8	N/A	Interval ID		1	
TARGETNAME-1	CHAR	INQ	8	DIF	Target name		2	
NODENAME-2	CHAR	INQ	8	DIF	Node name		3	
POOLNAME	CHAR	STAT	8	DIF	Pool name		4	
ACQUIRES	BINARY	STAT	4	AVG	Number of acquires		5	
CSACQRATE	RATE	CPSM	4	AVG	Acquire rate for current sample		6	
MIACQRATE	RATE	CPSM	4	AVG	Acquire rate for monitor interval		7	
CONVERSATNS	CODEDBIN	STAT	4	AVG	Number of conversations		8	
UNSOLICINP	CODEDBIN	STAT	4	AVG	Number of unsolicited inputs		9	
CHARSENT	CODEDBIN	STAT	4	AVG	Number of characters sent		10	
CHARSRECVD	CODEDBIN	STAT	4	AVG	Number of characters received		11	
RECVTIMEOUT	CODEDBIN	STAT	4	AVG	Number of receive timeouts		12	
ERRORS	CODEDBIN	STAT	4	AVG	Number of error conditions		13	
ACQSTATUS	CVDAS	INQ	4	LIKE	Acquired status		14	
ACQSTATUS Output Valid Values	ACQUIRED ACQUIRING RELEASED INSTALLED NOTINSTALLED							
SERVSTATUS	CVDAS	INQ	4	LIKE	Connection service state		15	
SERVSTATUS Output Valid Values	INSERVICE OUTSERVICE GOINGOUT							
STATE	CVDAS	INQ	4	LIKE	Conversation status		16	
STATE Output Valid Values	NOCONV PENDSTSN STSN PENDBEGIN BEGINSSESSION APPLICATION PENDSTART PENDFREE FREE PENDRELEASE RELEASE PENDUNSOL UNSOLDATA PENDPASS							

Table 298. MFEPICON resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
WAITCONVNUM	BINARY	INQ	4	AVG	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.

Length 32
Usage API or EVALDEF
API view Yes
Object type CICS Monitored
Copybook identifier EYUt1386 or MINDTDQ
Valid API operations GET and PERFORM
Unsupported releases all OS2 and all Windows

Actions

DISCARD

Discard

RESET

PARM(' [RESTYPE(*set*]) '

Reset

PARM(' [RESTYPE(*set*]) [RESETTYPE(*set*]) '

FEEDBACK error codes MON_SYSDEF_REQ NO_MON_DATA

Table 299. MINDTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Description
INTERVALID	TIMESTAMP	CPSM	8	N/A	Interval identifier
TDQUEUE-1	CHAR	INQ	4	DIF	Queue identifier
INDIRECTNAME	CHAR	INQ	4	DIF	Indirect queue name
INDIRECTTYPE	CVDAS	INQ	4	LIKE	Indirect queue type
INDIRECTTYPE Output Valid Values	INTRA EXTRA INDIRECT REMOTE				
# OUTCNT	BIN	STAT	4	N/A	Number of READ, WRITE, and DELETE requests
CURROUTQRATE	RATE	CPSM	4	AVG	Output rate for current sample
INTOUTQRATE	RATE	CPSM	4	AVG	Output rate for interval

MJRNLNAM Resource Table

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

Instances of this resource are only presented when monitoring MJRNL class definitions are installed in systems running the CICS TS for OS/390.

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

Length	80
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Monitored
Copybook identifier	EYUt1402 or MJRNLNAM
Valid API operations	GET and PERFORM

API Actions

DISCARD Discard

Parameters: None

RESET Reset

Parameters: None

Table 300. MJRNLNAM FEEDBACK error codes

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

Resource table descriptions

Table 301. MJRNL.NAM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
INTERVALID	TIMESTP	CPSM	8	N/A	Interval ID		1
JOURNALNAME-1	CHAR	INQ	8	DIF	Journal name		2
TYPE	CVDAS	INQ	4	LIKE	Log stream destination		3
TYPE Output Valid Values	MVS SMF DUMMY						
NUMWRITES	CODEDBIN	STAT	4	AVG	Number of journal writes		4
NUMBYTES	BINARY	STAT	8	AVG	Total number of bytes written		5
NUMBUFLUSH	CODEDBIN	STAT	4	AVG	Number of buffer flush requests		6
STREAMNAME	CHAR	INQ	26	DIF	MVS log stream name		7

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.

Length	208
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Monitored
Copybook identifier	EYUt1372 or MLOCFILE
Valid API operations	GET and PERFORM

API Actions

DISCARD

Discard

Parameters: None

RESET

Reset

Parameters: None

Table 302. MLOCFILE FEEDBACK error codes

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

Resource table descriptions

Table 303. MLOCFILE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
INTERVALID	TIMESTP	CPSM	8	N/A	Interval ID		1
FILE-1	CHAR	INQ	8	DIF	File ID		2
VSAMTYPE	CVDAS	INQ	4	LIKE	VSAM file type		3
VSAMTYPE Output Valid Values	ESDS KSDS RRDS						
ACCESSMETHOD	CVDAS	INQ	4	LIKE	Access method		4
ACCESSMETHOD Output Valid Values	VSAM BDAM						
BLOCKSIZE	CODEDBIN	INQ	4	AVG	Block size (BDAM only)		5
DSNAME	CHAR	INQ	44	DIF	Data set name		6
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status		7
ENABLESTATUS Output Valid Values	ENABLED DISABLED UNENABLED DISABLING						
OBJECT	CVDAS	INQ	4	LIKE	Data set type (base or path)		8
OBJECT Output Valid Values	BASE PATH						
OPENSTATUS	CVDAS	INQ	4	LIKE	Open status		9
OPENSTATUS Output Valid Values	OPEN CLOSED OPENING CLOSING CLOSEREQUEST						
RECORDSIZE	BINARY	INQ	4	AVG	Record size		10
STRINGS	BINARY	INQ	4	AVG	Number of strings		11
TIMECLOSE	DECTIME	STAT	4	MAX	Local time file was closed		12
TIMEOPEN	DECTIME	STAT	4	MAX	Local time file was opened		13

Table 303. MLOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
GETCNT	BINARY	STAT	4	AVG	Number of READ requests		14
GETUPDCNT	BINARY	STAT	4	AVG	Number of READ UPDATE requests		15
BROWSECNT	BINARY	STAT	4	AVG	Number of browse requests		16
ADDCNT	BINARY	STAT	4	AVG	Number of WRITE requests		17
UPDATECNT	BINARY	STAT	4	AVG	Number of REWRITE requests		18
LOCDELNCNT	BINARY	STAT	4	AVG	Number of DELETE requests		19
TOTLREQCNT	BINARY	STAT	4	AVG	Total number of all requests		20
CURREQRATE	RATE	CPSM	4	AVG	Request rate for current sample		21
INTREQRATE	RATE	CPSM	4	AVG	Request rate for monitor interval		22
DEXCPCNT	BINARY	STAT	4	AVG	Number of I/O operations for data records		23
IEXCPCNT	BINARY	STAT	4	AVG	Number of I/O operations against index component		24
CURDEXCPRATE	RATE	CPSM	4	AVG	Rate of data I/O operations for current sample		25
INTDEXCPRATE	RATE	CPSM	4	AVG	Rate of data I/O operations for monitor interval		26
CURIEXP RATE	RATE	CPSM	4	AVG	Rate of index I/O operations for current sample		27
INTIEXP RATE	RATE	CPSM	4	AVG	Rate of index I/O operations for monitor interval		28
WSTRCNT	BINARY	STAT	4	AVG	Total requests queued because all strings in use		29
WSTRCCURCNT	BINARY	STAT	4	AVG	Peak number of tasks waiting for a string		30
LSRPOOLID	CHAR	INQ	2	DIF	Local shared resources pool ID		31
NUMDATBUFF	CODEDBIN	STAT	2	AVG	Number of data buffers		32

Resource table descriptions

Table 303. MLOCFILE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
NUMINDEXBUFF	CODEDBIN	STAT	2	AVG	Number of index buffers		33
NUMACTSTRING	CODEDBIN	STAT	2	AVG	Number of active strings		34
NUMSTRINGWT	CODEDBIN	STAT	2	AVG	Current number of string waits		35
BROWUPDCNT	CODEDBIN	STAT	4	AVG	Number of browse for update requests		38
RLSREQWTO	CODEDBIN	STAT	4	AVG	Record level sharing (RLS) request wait timeouts		39

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.

Length	1272
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Monitored
Copybook identifier	EYUt1380 or MLOCTRAN
Valid API operations	GET and PERFORM

API Actions

DISCARD

Discard

Parameters: None

RESET

Reset

Parameters: None

Table 304. MLOCTRAN FEEDBACK error codes

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

Resource table descriptions

Table 305. MLOCTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
INTERVALID	TIMESTP	CPSM	8	N/A	Interval identifier		1
TRANID-1	CHAR	INQ	4	DIF	Transaction identifier		2
TERMID	CHAR	INQ	4	DIF	Terminal identifier		3
STATUS	CVDAS	INQ	4	LIKE	Enabled status		4
STATUS Output Valid Values	ENABLED DISABLED						
TRANCLASS	CHAR	INQ	8	DIF	Transaction class name		5
RESTARTCNT	BINARY	STAT	4	AVG	Times restarted		6
USECOUNT	BINARY	STAT	4	N/A	Times used during the current sample		7
CURTRANRATE	RATE	CPSM	4	N/A	Transaction rate for current sample		8
INTTRANRATE	RATE	CPSM	4	N/A	Transaction rate for interval		9
STGVCNT	BINARY	STAT	4	AVG	Number of storage violations		10
LOCALCNT	CODEDBIN	STAT	4	AVG	Times local dynamic routing exit ran transaction		12
CURAVGRESP	MILLISECON	CPSM	4	MAX	Average response time for current sample		13
RESPONSE	MILLISECON	CMIF	8	AVG	Cumulative response time		15
INTAVGRESP	MILLISECON	CPSM	4	MAX	Average response time for interval		16
MSGIN	BINARY	CMIF	4	AVG	Primary terminal control messages in		17
CHARIN	BINARY	CMIF	4	AVG	Primary terminal control characters in		18
MSGOUT	BINARY	CMIF	4	AVG	Primary terminal control messages out		19

Table 305. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
CHAROUT	BINARY	CMF	4	AVG	Primary terminal control characters out		20
MSGINSEC	BINARY	CMF	4	AVG	Secondary terminal control messages in		21
CHARINSEC	BINARY	CMF	4	AVG	Secondary terminal control characters in		22
MSGOUTSEC	BINARY	CMF	4	AVG	Secondary terminal control messages out		23
CHAROUTSEC	BINARY	CMF	4	AVG	Secondary terminal control characters out		24
ALLOCATES	BINARY	CMF	4	AVG	Number of TCTTE allocation requests		25
TERMSTG	CODEDBIN	CMF	4	AVG	Terminal storage		26
USTG24CNT	BINARY	CMF	4	AVG	Number of user getmains below 16M		27
USTG31CNT	BINARY	CMF	4	AVG	Number of user getmains above 16M		28
CDSAGETM	BINARY	CMF	4	AVG	CDSA getmains		29
ECDSAGETM	BINARY	CMF	4	AVG	ECDSA getmains		30
USTG24HWM	BINARY	CMF	4	AVG	User task storage HWM below 16M		31
USTG31HWM	BINARY	CMF	4	AVG	User task storage HWM above 16M		32
CDSASHWM	BINARY	CMF	4	AVG	CDSA storage HWM		33
ECDSASHWM	BINARY	CMF	4	AVG	ECDSA storage HWM		34
USTG24OCC	BINARY	CMF	8	AVG	User task storage occupancy below 16M		35
USTG31OCC	BINARY	CMF	8	AVG	User task storage occupancy above 16M		36
CDSASOCC	BINARY	CMF	8	AVG	CDSA occupancy		37
ECDSASOCC	BINARY	CMF	8	AVG	ECDSA occupancy		38

Resource table descriptions

Table 305. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
PSTGHWM	BINARY	CMF	4	AVG	Program storage HWM		39
PSTG24HWM	BINARY	CMF	4	AVG	Program storage HWM below 16M		40
PSTG31HWM	BINARY	CMF	4	AVG	Program storage HWM above 16M		41
USRP31HWM	BINARY	CMF	4	AVG	Program storage HWM above 16M		42
USRP24HWM	BINARY	CMF	4	AVG	Program storage HWM below 16M		43
ECDSAPSHWM	BINARY	CMF	4	AVG	ECDSA program storage HWM		44
CDSAPSHWM	BINARY	CMF	4	AVG	CDSA program storage HWM		45
FCGETCNT	BINARY	CMF	4	AVG	Number of file gets		46
FCPUTCNT	BINARY	CMF	4	AVG	Number of file puts		47
FCBRWCNT	BINARY	CMF	4	AVG	Number of file browses		48
FCADDCNT	BINARY	CMF	4	AVG	Number of file adds		49
FCDELCNT	BINARY	CMF	4	AVG	Number of file deletes		50
FCCOUNT	BINARY	CMF	4	AVG	Total file control requests		51
FCAMCNT	BINARY	CMF	4	AVG	Number of access method requests		52
TDGETCNT	BINARY	CMF	4	AVG	Number of transient data gets		53
TDPUTCNT	BINARY	CMF	4	AVG	Number of transient data puts		54
TDPURCNT	BINARY	CMF	4	AVG	Number of transient data purges		55
TDCCOUNT	BINARY	CMF	4	AVG	Total transient data requests		56
TSGETCNT	BINARY	CMF	4	AVG	Number of temporary storage gets		57
TSPUTACNT	BINARY	CMF	4	AVG	Number of TS puts to auxiliary storage		58
TSPUTMCNT	BINARY	CMF	4	AVG	Number of TS puts to main storage		59

Table 305. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
TSCOUNT	BINARY	CMF	4	AVG	Total temporary storage requests		60
BMSMAPCNT	BINARY	CMF	4	AVG	Number of BMS map requests		61
BMSINCNT	BINARY	CMF	4	AVG	Number of BMS in requests		62
BMSOUTCNT	BINARY	CMF	4	AVG	Number of BMS out requests		63
BMSCOUNT	BINARY	CMF	4	AVG	Total BMS requests		64
PCLINKCNT	BINARY	CMF	4	AVG	Number of program links		65
PCXCTLCNT	BINARY	CMF	4	AVG	Number of program XCTLs		66
PCLOADCNT	BINARY	CMF	4	AVG	Number of program loads		67
JCUSRWCNT	BINARY	CMF	4	AVG	Journal output requests		68
ICCOUNT	BINARY	CMF	4	AVG	Interval control requests		69
SYNCCOUNT	BINARY	CMF	4	AVG	Syncpoint requests		70
CURAVGCPUT	INT16US	CPSM	4	MAX	Average CPU time for current sample		71
DISPTIME	INT16US	CMF	8	AVG	Task dispatch time		72
CPUTIME	INT16US	CMF	8	AVG	User task CPU time		73
SUSPTIME	INT16US	CMF	8	AVG	Task suspend time		74
WAITTIME	INT16US	CMF	8	AVG	Dispatch wait time		75
EXWAIT	INT16US	CMF	8	AVG	Exception wait time		76
TCIOTIME	INT16US	CMF	8	AVG	Terminal control I/O wait time		77
FCIOTIME	INT16US	CMF	8	AVG	File control I/O wait time		78
JCIOTIME	INT16US	CMF	8	AVG	Journal control I/O wait time		79
TSIOTIME	INT16US	CMF	8	AVG	Temporary storage I/O wait time		80
IRIOTIME	INT16US	CMF	8	AVG	Interregion I/O wait		81
TDIOTIME	INT16US	CMF	8	AVG	Transient data I/O wait time		82
PCLOADTM	INT16US	CMF	8	AVG	Program fetch wait time		83
INTAVGCPUT	INT16US	CPSM	4	MAX	Average CPU time for interval		84

Resource table descriptions

Table 305. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
PRIORITY	BINARY	CMF	4	AVG	Transaction priority		85
PROGRAM	CHAR	CMF	8	DIF	First program		86
DISPCNT	BINARY	CMF	4	AVG	Task dispatch count		87
CPUCNT	BINARY	CMF	4	AVG	User task CPU count		88
SUSPCNT	BINARY	CMF	4	AVG	Task suspend count		89
WAITCNT	CODEDBIN	CMF	4	AVG	Dispatch wait count		90
EXWAITCNT	CODEDBIN	CMF	4	AVG	Exception wait count		91
TCIOCNT	BINARY	CMF	4	AVG	Terminal control I/O wait count		92
FCIOCNT	BINARY	CMF	4	AVG	File control I/O wait count		93
JCIOCNT	BINARY	CMF	4	AVG	Journal control I/O wait count		94
TSIOCNT	BINARY	CMF	4	AVG	Temporary storage I/O wait count		95
IRIOCNT	BINARY	CMF	4	AVG	Interregion I/O count		96
TDIOCNT	BINARY	CMF	4	AVG	Transient data I/O count		97
ISOLATEST	CVDAS	INQ	4	LIKE	Isolation status		98
ISOLATEST Output Valid Values	ISOLATE NOISOLATE						
REMOTECNT	CODEDBIN	STAT	4	AVG	Number of times run remotely by routing exit		99
REMSTARTCNT	CODEDBIN	STAT	4	AVG	Remote start count		100
RSYSID	CHAR	CMF	4	DIF	Remote system identifier		101
TCM62IN2	CODEDBIN	CMF	4	AVG	LU6.2 secondary terminal control messages in		102
TCC62IN2	CODEDBIN	CMF	4	AVG	LU6.2 Secondary terminal control chars in		103
TCM62OU2	CODEDBIN	CMF	4	AVG	LU6.2 secondary terminal control messages out		104
TCC62OU2	CODEDBIN	CMF	4	AVG	LU6.2 secondary terminal control chars out		105

Table 305. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
PC24RHWM	CODEDBIN	CMF	4	AVG	R/O program storage HWM below 16M		106
PC31SHWM	CODEDBIN	CMF	4	AVG	Shared program storage HWM above 16M		107
PC24SHWM	CODEDBIN	CMF	4	AVG	Shared program storage HWM below 16M		108
SZALLOCT	CODEDBIN	CMF	4	AVG	FEPI allocates		109
SZRCVCT	CODEDBIN	CMF	4	AVG	FEPI receives		110
SZSENDCT	CODEDBIN	CMF	4	AVG	FEPI sends		111
SZSTRTCT	CODEDBIN	CMF	4	AVG	FEPI starts		112
SZCHROUT	CODEDBIN	CMF	4	AVG	FEPI characters sent		113
SZCHRIN	CODEDBIN	CMF	4	AVG	FEPI characters received		114
SZALLCTO	CODEDBIN	CMF	4	AVG	FEPI allocate timeouts		115
SZRCVTO	CODEDBIN	CMF	4	AVG	FEPI receive timeouts		116
SZTOTCT	CODEDBIN	CMF	4	AVG	Total FEPI requests		117
SZWAIT	INT16US	CMF	8	AVG	FEPI suspend time		118
DSPDELAY	INT16US	CMF	8	AVG	First dispatch delay		119
TCLDELAY	INT16US	CMF	8	AVG	First dispatch delay - transaction class		120
MXTDELAY	INT16US	CMF	8	AVG	First dispatch delay		121
ENQDELAY	INT16US	CMF	8	AVG	Task control enqueue delay time		122
LU61WTT	INT16US	CMF	8	AVG	LU6.1 I/O wait time		123
LU62WTT	INT16US	CMF	8	AVG	LU6.2 I/O wait time		124
RMITIME	INT16US	CMF	8	AVG	Total RMI elapsed time		125
RMISUSP	INT16US	CMF	8	AVG	Total RMI suspend time		126
SZWAITCT	CODEDBIN	CMF	4	AVG	FEPI suspend time count		127
DSPDELAYCT	CODEDBIN	CMF	4	AVG	First dispatch delay count		128
TCLDELAYCT	CODEDBIN	CMF	4	AVG	First dispatch delay count		129

Resource table descriptions

Table 305. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
MXTDELAYCT	CODEDBIN	CMF	4	AVG	First dispatch delay MXT count		130
ENQDELAYCT	CODEDBIN	CMF	4	AVG	KC enqueue delay count		131
LU61WTTCT	CODEDBIN	CMF	4	AVG	LU6.1 I/O wait count		132
LU62WTTCT	CODEDBIN	CMF	4	AVG	LU6.2 I/O wait count		133
RMITIMECT	CODEDBIN	CMF	4	AVG	Total RMI elapsed count		134
RMISUSPCT	CODEDBIN	CMF	4	AVG	Total RMI suspend count		135
NUMINDOUBWT	CODEDBIN	STAT	4	AVG	Number of indoubt waits		140
FORACTTRNDF	CODEDBIN	STAT	4	AVG	Force actions due to transaction definition		141
FORACTINDTO	CODEDBIN	STAT	4	AVG	Force actions due to indoubt		142
FORACTNOWT	CODEDBIN	STAT	4	AVG	Force actions due to no wait		143
FORACTOPER	CODEDBIN	STAT	4	AVG	Force actions due to operator		144
FORACTOTHER	CODEDBIN	STAT	4	AVG	Force actions due to other		145
ACTMISMATS	CODEDBIN	STAT	4	AVG	Number of action mismatches		146
PERRECNT	CODEDBIN	CMF	4	AVG	Performance record count		147
SC24SGCT	CODEDBIN	CMF	4	AVG	Shared storage requests below 16M		148
SC24GSHR	CODEDBIN	CMF	4	AVG	Shared storage bytes get below 16M		149
SC24FSHR	CODEDBIN	CMF	4	AVG	Shared storage bytes freed below 16M		150
SC31SGCT	CODEDBIN	CMF	4	AVG	Shared storage getmain above 16M		151
SC31GSHR	CODEDBIN	CMF	4	AVG	Shared storage bytes get above 16M		152
SC31FSHR	CODEDBIN	CMF	4	AVG	Shared storage bytes freed above 16M		153
JNLWRTCT	CODEDBIN	CMF	4	AVG	Journal write requests		154
LOGWRTCT	CODEDBIN	CMF	4	AVG	CICS logger write requests		155

Table 305. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
SYNCTIME	INT16US	CMF	8	AVG	Syncpoint wait time		156
SYNCTIMCNT	CODEDBIN	CMF	4	AVG	Total times processed syncpoint request		157
RLSWAIT	INT16US	CMF	8	AVG	Total times waited for RLS I/O		158
RLSWAITCNT	CODEDBIN	CMF	4	AVG	Task suspend count		159
LOCKMWT	INT16US	CMF	8	AVG	Lock manager wait time		160
LOCKMWC	CODEDBIN	CMF	4	AVG	Lock manager wait count		161
RLSCLWT	INT16US	CMF	8	AVG	RLS SRB CPU time		162
RLSCLWCNT	CODEDBIN	CMF	4	AVG	RLS CPU time monitor count		163
EXTERNWT	INT16US	CMF	8	AVG	External wait time		164
EXTERNWC	CODEDBIN	CMF	4	AVG	External wait count		165
CICSWT	INT16US	CMF	8	AVG	Wait-CICS time		166
CICSWC	CODEDBIN	CMF	4	AVG	Wait-CICS count		167
INTVLWT	INT16US	CMF	8	AVG	Interval control wait time		168
INTVLWC	CODEDBIN	CMF	4	AVG	Interval control wait count		169
CTLWT	INT16US	CMF	8	AVG	Give up control wait time		170
CTLWC	CODEDBIN	CMF	4	AVG	Give up control wait count		171
SHDTSWT	INT16US	CMF	8	AVG	Shared temporary storage wait time		172
SHDTSWC	CODEDBIN	CMF	4	AVG	Shared temporary storage wait count		173
ICTOTCNT	BINARY	CMF	4	AVG	Total interval control requests		174
PCLOADWCNT	CODEDBIN	CMF	4	AVG	Program fetch wait count		175
PCLURMCT	BINARY	CMF	4	AVG	Link URM count		176
CFDWT	INT16US	CMF	8	AVG	CF data table wait time		177
CFDTC	CODEDBIN	CMF	4	AVG	CF data table wait count		178
SRVSPWT	INT16US	CMF	8	AVG	CF server syncpoint wait time		179

Resource table descriptions

Table 305. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
SRVSPWC	CODEDBIN	CMF	4	AVG	CF data-table-server syncpoint wait count		180
BARSYNCT	BINARY	CMF	4	AVG	BTS run synchronous requests		181
BARASYCT	BINARY	CMF	4	AVG	BTS run asynchronous requests		182
BALKPACT	BINARY	CMF	4	AVG	BTS link requests		183
BADPROCT	BINARY	CMF	4	AVG	BTS define process requests		184
BADACTCT	BINARY	CMF	4	AVG	BTS define activity requests		185
BARSPACT	BINARY	CMF	4	AVG	BTS reset requests		186
BASUPACT	BINARY	CMF	4	AVG	BTS suspend requests		187
BARMPACT	BINARY	CMF	4	AVG	BTS resume requests		188
BADCPACT	BINARY	CMF	4	AVG	BTS delete activity and cancel requests		189
BAACQPCT	BINARY	CMF	4	AVG	BTS acquire process requests		190
BATOTPCT	BINARY	CMF	4	AVG	BTS total requests		191
BAPRDCCT	BINARY	CMF	4	AVG	BTS process data container requests		192
BAACDCCT	BINARY	CMF	4	AVG	BTS activity data container requests		193
BATOTCCT	BINARY	CMF	4	AVG	BTS total data container requests		194
BARATECT	BINARY	CMF	4	AVG	BTS retrieve reattach event requests		195
BADFIECT	BINARY	CMF	4	AVG	BTS define input event requests		196
BATIAECT	BINARY	CMF	4	AVG	BTS timer associated event requests		197
BATOTECT	BINARY	CMF	4	AVG	BTS total event requests		198
RUNTRWTT	INT16US	CMF	8	AVG	Run synchronous transaction wait time		199

Table 305. MLOCTTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
RUNTRWTC	BINARY	CMF	4	AVG	Run synchronous transaction wait count		200
SYNCDLY	INT16US	CMF	8	AVG	Waiting for parent syncpoint delay time		201
SYNCDLYC	BINARY	CMF	4	AVG	Waiting for parent syncpoint delay count		202
WBRCVCT	BINARY	CMF	4	AVG	WEB receive requests		203
WBCHRIN	BINARY	CMF	4	AVG	WEB characters received		204
WBSENDCT	BINARY	CMF	4	AVG	WEB send requests		205
WBCHROUT	BINARY	CMF	4	AVG	WEB characters sent		206
WBTOTCT	BINARY	CMF	4	AVG	WEB total requests		207
WBREPWCT	BINARY	CMF	4	AVG	WEB repository writes		208
DHCRECT	BINARY	CMF	4	AVG	Document create requests		209
DHIN SCT	BINARY	CMF	4	AVG	Document insert requests		210
DHSETCT	BINARY	CMF	4	AVG	Document set requests		211
DHRETCT	BINARY	CMF	4	AVG	Document retrieve requests		212
DHTOTCT	BINARY	CMF	4	AVG	Document total requests		213
DHTOTDCL	BINARY	CMF	4	AVG	Document total length created		214
IMSWAIT	INT16US	CMF	8	AVG	IMS request wait time		215
IMSWAITC	BINARY	CMF	4	AVG	IMS request wait count		216
DB2RDYQW	INT16US	CMF	8	AVG	DB2 ReadyQ wait time		217
DB2RDYQC	BINARY	CMF	4	AVG	DB2 ReadyQ wait count		218
DB2CONWT	INT16US	CMF	8	AVG	DB2 Connection wait time		219
DB2CONWC	BINARY	CMF	4	AVG	DB2 connection (TCB) count		220
DB2WAIT	INT16US	CMF	8	AVG	DB2 request wait time		221
DB2WAITC	BINARY	CMF	4	AVG	DB2 request wait count		222
MXTOTDLY	INT16US	CMF	8	AVG	Maximum open TCB delay time		223

Resource table descriptions

Table 305. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
MXTOTDLC	BINARY	CMF	4	AVG	Maximum open TCB delay count		224
QRMODDLY	INT16US	CMF	8	AVG	QR TCB mode delay time		225
QRMODDLC	BINARY	CMF	4	AVG	QR TCB mode delay count		226
QRDISPT	INT16US	CMF	8	AVG	QR TCB mode dispatch time		227
QRDISPC	BINARY	CMF	4	AVG	QR TCB mode dispatch count		228
QRCPUT	INT16US	CMF	8	AVG	QR TCB mode CPU time		229
QRCPUC	BINARY	CMF	4	AVG	QR TCB mode CPU count		230
MSDISPT	INT16US	CMF	8	AVG	Other TCB mode dispatch time		231
MSDISPC	BINARY	CMF	4	AVG	Other TCB mode dispatch count		232
MSCPUP	INT16US	CMF	8	AVG	Other TCB mode CPU time		233
MSCPUC	BINARY	CMF	4	AVG	Other TCB mode CPU count		234
L8CPUP	INT16US	CMF	8	AVG	L8 TCB mode CPU time		235
L8CPUC	BINARY	CMF	4	AVG	L8 TCB mode CPU count		236
J8CPUP	INT16US	CMF	8	AVG	J8 TCB mode CPU time		237
J8CPUC	BINARY	CMF	4	AVG	J8 TCB mode CPU count		238
S8CPUP	INT16US	CMF	8	AVG	S8 TCB mode CPU time		239
S8CPUC	BINARY	CMF	4	AVG	S8 TCB mode CPU count		240
IMSREQCT	BINARY	CMF	4	AVG	IMS total number of requests		241
DB2REQCT	BINARY	CMF	4	AVG	DB2 total number of requests		242
CHMODECT	BINARY	CMF	4	AVG	Dispatcher change modes	E640 and higher	243
TCBATTCT	BINARY	CMF	4	AVG	Dispatcher TCB attaches		244
PCDPLCT	BINARY	CMF	4	AVG	Distributed program links		245
SOBYENCT	BINARY	CMF	4	AVG	Socket bytes encrypted		246
SOBYDECT	BINARY	CMF	4	AVG	Socket bytes decrypted		247
GNQDELAY	INT16US	CMF	8	AVG	Sysplex-wide enqueue delay time		248

Table 305. MLOCTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
GNQDELAC	BINARY	CMF	4	AVG	Sysplex-wide enqueue delay count		249
SOIOWTT	INT16US	CMF	8	AVG	Sockets I/O wait time		250
SOIOWTC	BINARY	CMF	4	AVG	Sockets I/O wait count		251
RRMSWAIT	INT16US	CMF	8	AVG	RRMS/MVS syncpoint delay time		252
RRMSWAIC	BINARY	CMF	4	AVG	RRMS/MVS syncpoint delay count		253
JVMTIME	INT16US	CMF	8	AVG	Total JVM elapsed time		254
JVMTIMEC	BINARY	CMF	4	AVG	Total JVM elapsed time count		255
JVMSUSP	INT16US	CMF	8	AVG	Total JVM suspend time		256
JVMSUSPC	BINARY	CMF	4	AVG	Total JVM suspend time count		257
TMRDSCWT	INT16US	CMF	8	AVG	MVS DS storage constraint wait time	E620	258

MLSRPBUF Resource Table

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

While the MLSRPBUF resource class identifies multiple key attributes, only the **POOLSIZE** 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.

Length 104
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Monitored
Copybook identifier EYUt1396 or MLSRPBUF
Valid API operations GET and PERFORM

API Actions

DISCARD

Discard

Parameters: None

RESET

Reset

Parameters: None

Table 306. MLSRPBUF FEEDBACK error codes

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

Table 307. MLSRPBUF resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
INTERVALID	TIMESTP	CPSM	8	N/A	Interval identifier	1
POOLSIZE-1	CHAR	STAT	8	DIF	Pool identifier, buffer size, buffer type	2
HIPERBUFF	BINARY	STAT	4	AVG	Number of hiperspace buffers	3
LOOKASIDES	BINARY	STAT	4	AVG	Number of successful lookasides	4
READS	BINARY	STAT	4	AVG	Number of buffer reads	5
USERIWRITE	BINARY	STAT	4	AVG	Number of user initiated writes	6
NONUWRITE	BINARY	STAT	4	AVG	Number of non-user initiated writes	7

Table 307. MLSRPBUF resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CREADS	BINARY	STAT	4	AVG	Number of successful hiperspace CREADSs	8
CWRITES	BINARY	STAT	4	AVG	Number of successful hiperspace CWRITES	9
FAILCREADS	BINARY	STAT	4	AVG	Number of failed hiperspace CREADSs	10
FAILCWRITES	BINARY	STAT	4	AVG	Number of failed hiperspace CWRITES	11
CURWRITRATE	RATE	CPSM	4	AVG	Write rate for current sample	12
INTWRITRATE	RATE	CPSM	4	AVG	Write rate for interval	13
CURREADRATE	RATE	CPSM	4	AVG	Read rate for current sample	14
INTREADRATE	RATE	CPSM	4	AVG	Read rate for interval	15
CURHWITRATE	RATE	CPSM	4	AVG	Hiperspace write rate for current sample	16
INTHWITRATE	RATE	CPSM	4	AVG	Hiperspace write rate for interval	17
CURHREADRATE	RATE	CPSM	4	AVG	Hiperspace read rate for current sample	18
INTHREADRATE	RATE	CPSM	4	AVG	Hiperspace read rate for interval	19
COUNT	BINARY	STAT	2	AVG	Number of buffers	20

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.

Length 208
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Monitored
Copybook identifier EYUt1374 or MLSRPOOL
Valid API operations GET and PERFORM

API Actions

DISCARD

Discard

Parameters: None

RESET

Reset

Parameters: None

Table 308. MLSRPOOL FEEDBACK error codes

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

Table 309. MLSRPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
INTERVALID	TIMESTP	CPSM	8	N/A	Interval ID	1
CREATETIME	DECTIME	STAT	4	MAX	Local create time	2
DELETETIME	DECTIME	STAT	4	MAX	Local delete time	3
MAXKEYLEN	BINARY	STAT	2	AVG	Maximum key length	4
TOTSTRINGS	BINARY	STAT	2	AVG	Total number of strings	5
PEAKWAITREQ	BINARY	STAT	2	AVG	Peak number of requests waiting	6
LSRPOOLID-1	CHAR	STAT	2	DIF	LSR pool id	7

Table 309. MLSRPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
TOTWAITREQ	BINARY	STAT	4	AVG	Total number of string waits	8
DBUFFCNT	BINARY	STAT	4	AVG	Number of data buffers	9
DHIPERBUF	BINARY	STAT	4	AVG	Number of Hiperspace data buffers	10
DBLOOKASIDE	BINARY	STAT	4	AVG	Number of successful lookasides to data buffers	11
DBREAD	BINARY	STAT	4	AVG	Number of read I/Os to data buffers	12
DBUIWRITE	BINARY	STAT	4	AVG	Number of user-initiated data buffer writes	13
DBNUWRITE	BINARY	STAT	4	AVG	Number of non user-initiated data buffer writes	14
DCREAD	BINARY	STAT	4	AVG	Number of successful data buffer CREAD requests	15
DCWRITE	BINARY	STAT	4	AVG	Number of successful data buffer CWRITE requests	16
DFAILCREAD	BINARY	STAT	4	AVG	Number of failed data buffer CREAD requests	17
DFAILCWRITE	BINARY	STAT	4	AVG	Number of failed data buffer CWRITE requests	18
CURDBHITRATE	RATE	CPSM	4	AVG	Data buffer lookaside rate for current sample	19
INTDBHITRATE	RATE	CPSM	4	AVG	Data buffer lookaside rate for monitor interval	20
CURDWITRATE	RATE	CPSM	4	AVG	Data buffer write rate for current sample	21
INTDWITRATE	RATE	CPSM	4	AVG	Data buffer write rate for monitor interval	22
CURDREADRATE	RATE	CPSM	4	AVG	Data buffer read rate for current sample	23
INTDREADRATE	RATE	CPSM	4	AVG	Data buffer read rate for monitor interval	24
CURDHWIRATE	RATE	CPSM	4	AVG	Data buffer CWRITE rate for current sample	25
INTDHWIRATE	RATE	CPSM	4	AVG	Data buffer CWRITE rate for monitor interval	26
CURDHREARATE	RATE	CPSM	4	AVG	Data buffer CREAD rate for current sample	27
INTDHREARATE	RATE	CPSM	4	AVG	Data buffer CREAD rate for monitor interval	28
IBUFFCNT	BINARY	STAT	4	AVG	Number of index buffers	29
IDHIPERBUF	BINARY	STAT	4	AVG	Number of Hiperspace index buffers	30
IBLOOKASIDE	BINARY	STAT	4	AVG	Number of lookaside index buffer reads	31
IBREADS	BINARY	STAT	4	AVG	Total number of index buffer reads	32
IBUIWRITE	BINARY	STAT	4	AVG	Number of user-initiated index buffer writes	33
IBNUWRITE	BINARY	STAT	4	AVG	Number of non user-initiated index buffer writes	34
ICREAD	BINARY	STAT	4	AVG	Number of successful index buffer CREAD requests	35
ICWRITE	BINARY	STAT	4	AVG	Number of successful index buffer CWRITE requests	36
IFAILCREAD	BINARY	STAT	4	AVG	Number of failed index buffer CREAD requests	37
IFAILCWRITE	BINARY	STAT	4	AVG	Number of failed index buffer CWRITE requests	38
CURIBHITRATE	RATE	CPSM	4	AVG	Index buffer lookaside rate for current sample	39
INTIBHITRATE	RATE	CPSM	4	AVG	Index buffer lookaside rate for monitor interval	40
CURIWITRATE	RATE	CPSM	4	AVG	Index buffer write rate for current sample	41
INTIWITRATE	RATE	CPSM	4	AVG	Index buffer write rate for monitor interval	42
CURIREADRATE	RATE	CPSM	4	AVG	Index buffer read rate for current sample	43
INTIREADRATE	RATE	CPSM	4	AVG	Index buffer read rate for monitor interval	44
CURIHWRIRATE	RATE	CPSM	4	AVG	Index buffer CWRITE rate for current sample	45

Resource table descriptions

Table 309. MLSRPOOL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
INTIHWIRATE	RATE	CPSM	4	AVG	Index buffer CWRITE rate for monitor interval	46
CURIHREARATE	RATE	CPSM	4	AVG	Index buffer CREAD rate for current sample	47
INTIHREARATE	RATE	CPSM	4	AVG	Index buffer CREAD rate for monitor interval	48
MAXCCURSTR	BINARY	STAT	2	AVG	Peak number of concurrent active strings	49
IDXDATFLG	BIT	STAT	1	N/A	Separate data and index flag	50

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.

Length	48
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Monitored
Copybook identifier	EYUt1376 or MMODNAME
Valid API operations	GET and PERFORM

API Actions

DISCARD Discard

Parameters: None

RESET Reset

Parameters: None

Table 310. MMODNAME FEEDBACK error codes

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

Resource table descriptions

Table 311. MMODNAME resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
INTERVALID	TIMESTP	CPSM	8	N/A	Interval ID		1
NAME-2	CHAR	INQ	8	DIF	Mode name		2
CONNECTION-1	CHAR	INQ	4	DIF	Connection name		3
CONNSTATUS	CVDAS	INQ	4	LIKE	Connection status		4
CONNSTATUS Output Valid Values	RELEASED OBTAINING ACQUIRED FREEING AVAILABLE						
SESSACTV	BINARY	INQ	2	N/A	Number of active sessions		5
SESSAVAIL	BINARY	INQ	2	N/A	Number of sessions available		6
SESSMAX	BINARY	INQ	2	MAX	Maximum number of sessions		7
SESSMAXWIN	CODEDBIN	INQ	2	MAX	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.

Length	72
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Monitored
Copybook identifier	EYUt1385 or MNTRATDQ
Valid API operations	GET and PERFORM

API Actions

DISCARD

Discard

Parameters: None

RESET

Reset

Parameters: None

Table 312. MNTRATDQ FEEDBACK error codes

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

Resource table descriptions

Table 313. MNTRATDQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
INTERVALID	TIMESTP	CPSM	8	N/A	Interval identifier		1
TDQUEUE-1	CHAR	INQ	4	DIF	Queue identifier		2
ATIFACILITY	CVDAS	INQ	4	LIKE	ATI facility		3
ATIFACILITY Output Valid Values	TERMINAL NOTERMINAL						
ATITERMID	CHAR	INQ	4	DIF	ATI terminal identifier		4
ATITRANID	CHAR	INQ	4	DIF	ATI transaction identifier		5
STATUS	CVDAS	INQ	4	LIKE	Enable status		6
STATUS Output Valid Values	ENABLED DISABLED						
NUMITEMS	BINARY	INQ	4	N/A	Number of items		7
TRIGGERLEVEL	BINARY	INQ	4	MAX	Trigger level		8
OUTCNT	BINARY	STAT	4	N/A	Number of READ, WRITE, and DELETE requests		9
CUROUTQRATE	RATE	CPSM	4	AVG	Output rate for current sample		10
INTOUTQRATE	RATE	CPSM	4	AVG	Output rate for interval		11
ATIUSERID	CHAR	INQ	8	DIF	ATI user identifier		12

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.

Length	48
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0007 or MODENAME
Valid API operations	GET SET and PERFORM

API Actions**ACQUIRE**

Acquire

Parameters: None

CLOSE

Close

Parameters: None

Resource table descriptions

Table 314. MODENAME resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved			
NAME-2	CHAR	INQ	8	DIF		Mode name			1
CONNECTION-1	CHAR	INQ	4	DIF		Connection name			2
AUTOCONN	CVDAS	INQ	4	LIKE		Autoconnect status			3
AUTOCONN Output Valid Values	ALLCONN AUTOCONN NONAUTOCONN								
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								
SESSACTV	BINARY	INQ	2	AVG		Number of active sessions			5
SESSAVAIL	BINARY	INQ	2	AVG	yes	Number of sessions available			6
SESSMAX	BINARY	INQ	2	AVG		Maximum number of sessions			7
SESSMAXWIN	BINARY	INQ	2	AVG		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.

Length	96
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt3510 or MONDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
API Actions	
INSTALL	Install
	PARM(' [PERIOD(<i>value</i>)] [SCOPE(<i>value</i>)] .')
ADDTOGRP	Add to Monitor group
	PARM(' RESGROUP(<i>value</i>) [ACTIVETIME(<i>value</i>)] .')

Table 315. MONDEF FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	PARTIAL_INSTALL	Partial install
INV_PERIOD	Period invalid	REC_CHANGED	Resource definition already changed
INV_REFERENCE	Name not found	REC_EXISTS	Resource already exists
MON_OFF	Monitoring off	REC_NOT_FOUND	Requested resource not found
NOT_INSTALLED	Not installed		

Resource table descriptions

Table 316. MONDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed		1
NAME-1	CHAR	CPSM	8	Yes	DIF	Monitor definition name		5
RESNAME	CHAR	CPSM	8	Yes	DIF	Name or generic name of resource being monitored		6
RESCLASS	EYUDA	CPSM	4	Yes	LIKE	Monitoring resource class		7
RESCLASS Input/Output Valid Values	MCONN MFILE MJRNL MPROG MTERM MTRAN MTDQS							
INCLUDE	EYUDA	CPSM	4	Yes	LIKE	Inclusion in CPSM monitoring option	YES	8
INCLUDE Input/Output Valid Values	YES NO							
DESC	CHAR	CPSM	58	No	DIF	Description		9
RODMPOP	EYUDA	CPSM	4	Yes	LIKE	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.

Length	80
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt3504 or MONGROUP
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM

API Actions

INSTALL	Install
	PARM(' [SCOPE(<i>value</i>)] .')
ADDTOSPC	Add to Monitor specification
	PARM(' SPEC(<i>value</i>) .')

Table 317. MONGROUP FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	PARTIAL_INSTALL	Partial install
INV_REF	Name not found	REC_CHANGED	Resource definition already changed
MON_OFF	Monitoring off	REC_EXISTS	Resource already exists
NOT_INSTALLED	Not installed	REC_NOT_FOUND	Requested resource not found
NOT_UNIQUE	Not unique		

Table 318. MONGROUP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
NAME-1	CHAR	CPSM	8	Yes	DIF	Monitor group name	5
DESC	CHAR	CPSM	58	No	DIF	Description	6

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.

Length 32
Usage API or Batch Utility
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Definition
Copybook identifier EYUt5380 or MONINGRP
Valid API operations GET CREATE UPDATE and REMOVE

Table 319. MONINGRP FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_REFERENCE	Attribute references an invalid resource	REC_NOT_FOUND	Requested resource not found
REC_CHANGED	Resource definition already changed		

Table 320. MONINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
GROUP-1	CHAR	CPSM	8	Yes	DIF	Monitor group name	5
DEFNAME-2	CHAR	CPSM	8	Yes	DIF	Monitor definition name	6
ACTIVETIME	CHAR	CPSM	8	No	DIF	Period definition name	7

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.

Length	24
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt5121 or MONINSPC
Valid API operations	GET CREATE and REMOVE

Table 321. MONINSPC FEEDBACK error codes

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

Table 322. MONINSPC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
SPEC-1	CHAR	CPSM	8	Yes	DIF	Monitor specification name	5
GROUP-2	CHAR	CPSM	8	Yes	DIF	Monitor group name	6

MONITOR Resource Table

A CICS Resource that provides CICS monitoring and statistics information in an active system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

Length	256
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0125 or MONITOR
Valid API operations	GET SET and PERFORM

API Actions
STATISTICS

Request statistics processing

PARM(' [RESETNOW] [ALL] [AUTOINSTALL]
[CONNECTION] [CORBASERVER] [DB2]
[DISPATCHER] [ENQUEUE] [FEPI] [FILE]
[JOURNAL] [JVMPOOL] [LSRPOOL] [MONITOR]
[PROGRAM] [PROGAUTOINS] [RECOVERY]
[REQUESTMODEL] [STATISTICS] [STORAGE]
[STREAMNAME] [SYSDUMP] [TABLEMGR]
[TCPIP] [TCPIPSERVICE] [TEMPSTOR]
[TRANCLASS] [TRANDATA] [TERMINAL]
[TRANDUMP] [TRANSACTION] [VTAM] [BEAN]
[JVMPROFILE] [JVMPROGRAM] [URIMAP]
[PIPELINE] [WEBSERVICE] .')

Table 323. MONITOR FEEDBACK error codes

Code	Description	Code	Description
RESOURCE_REQUIRED	Resource required		

Table 324. MONITOR resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved			
CONVERSEST	CVDAS	INQ	4	LIKE	yes	Performance record for conversational task option			1
CONVERSEST Input/Output Valid Values	CONVERSE NOCONVERSE								
EXCEPTCLASS	CVDAS	INQ	4	LIKE	yes	Exception class status			2
EXCEPTCLASS Input/Output Valid Values	EXCEPT NOEXCEPT								
FREQUENCY	DECIMAL	INQ	4	MAX	yes	Long-running task performance record frequency			3
PERFCLASS	CVDAS	INQ	4	LIKE	yes	Performance class status			4
PERFCLASS Input/Output Valid Values	PERF NOPERF								
RESRCECLASS	CVDAS	INQ	4	LIKE	yes	Resource class status			5
RESRCECLASS Input/Output Valid Values	NORESRCR RESRCE								
STATUS	CVDAS	INQ	4	LIKE	yes	Monitoring status			6
STATUS Input/Output Valid Values	ON OFF								
SUBSYSTEMID	CHAR	INQ	4	DIF		SYSEVENT class subsystem ID			7
SYNCPOINTST	CVDAS	INQ	4	LIKE	yes	Performance record at syncpoint option			8

Resource table descriptions

Table 324. MONITOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
SYNCPOINTST Input/Output Valid Values	SYNCPOINT	NOSYNCPOINT							
TIME	CVDAS	INQ	4	LIKE		Monitor reports clock value			9
TIME Output Valid Values	GMT LOCAL								
MNGER	BINARY	STAT	4	AVG		Number of CMF exception records			14
MNGERS	BINARY	STAT	4	AVG		Number of CMF exception records suppressed by exit			15
MNGPR	BINARY	STAT	4	AVG		Number of CMF performance records			16
MNGPRS	BINARY	STAT	4	AVG		Number of performance records suppressed by exit			17
MNGSMFR	BINARY	STAT	4	AVG		Number of SMF records for CMF			18
MNGSMFRS	BINARY	STAT	4	AVG		Number of SMF errors for CMF			19
MNGRR	BINARY	STAT	4	AVG		Number of CMF resource records			20
MNGRRS	BINARY	STAT	4	AVG		Number of CMF resource records suppressed by exit			21
STGNC	BINARY	STAT	4	AVG		Number of interval collections			25
STGSMFW	BINARY	STAT	4	AVG		Number of SMF writes for statistics			26
STGLDW	BINARY	STAT	4	AVG		Length of statistics data written			27
STGSMFS	BINARY	STAT	4	AVG		Number of SMF writes suppressed for statistics	E530		28
STGSMFE	BINARY	STAT	4	AVG		Number of SMF errors for statistics	E530		29

Table 324. MONITOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
STGINTR	BINARY	STAT	4	AVG		Number of INT statistics records	E530		30
STGEODR	BINARY	STAT	4	AVG		Number of EOD statistics records	E530		31
STGUSSR	BINARY	STAT	4	AVG		Number of USS statistics records	E530		32
STGREQR	BINARY	STAT	4	AVG		Number of REQ statistics records	E530		33
STGRRTR	BINARY	STAT	4	AVG		Number of RRT statistics records	E530		34
STGCSTRT	TIMESTP	STAT	8	MAX		Statistics CICS start time	E530		35
STGLRT	TIMESTP	STAT	8	MAX		Statistics last reset time	E530		36
INTERVAL	DECIMAL	INQ	4	MAX	yes	Statistics collection interval			37
ENDOFDAY	DECIMAL	INQ	4	MAX	yes	Statistics end-of-day time			38
RECORDING	CVDAS	INQ	4	LIKE	yes	STATRCD recording			39
RECORDING	ON OFF								
Input/Output Valid Values									
NUMCMF2SMF	RATE3	CPSM	8	AVG		Rate of SMF writes for CMF			41
NUMSTAT2SMF	RATE3	CPSM	8	AVG		Rate of SMF writes for statistics			42
PSMFWERRC	PERCENT3	CPSM	4	AVG		Percentage of SMF errors to writes for CMF			43
PSMFWERRS	PERCENT3	CPSM	4	AVG		Percent of SMF errors to writes for statistics			44
RSMFWERRC	RATE3	CPSM	8	AVG		Rate of SMF write errors for CMF			45
RSMFWERRS	RATE3	CPSM	8	AVG		Rate of SMF write errors for statistics			46
PEXCSUPR	PERCENT3	CPSM	4	AVG		Percent exception records suppressed to SMF writes			47

Resource table descriptions

Table 324. MONITOR resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
PPERSUPR	PERCENT3	CPSM	4	AVG		Percent performance records suppressed to writes			48
PRESSUPR	PERCENT3	CPSM	4	AVG		Percent resource records suppressed to SMF writes			49
PSTASUPR	PERCENT3	CPSM	4	AVG		Percent of statistics records suppressed to writes			50
TOTCICSSTAT	BINARY	CPSM	8	AVG		Total statistics records write attempts to SMF	E530		51
RSTAWRITE	RATE3	CPSM	8	AVG		Statistics write request rate before suppression	E530		52
TSMFWrites	BINARY	CPSM	8	AVG		Total number of SMF write requests			53
RSMFWRITE	RATE3	CPSM	8	AVG		Rate of CMF and statistics records written to SMF			54
FILELIMIT	BINARY	INQ	2	N/A		File resource limit			57
TSQUEUELIMIT	BINARY	INQ	2	N/A		Temporary storage queue limit			58
APPLNAMEST	CVDAS	INQ	4	LIKE		Application naming option			59
APPLNAMEST Output Valid Values	NOAPPLNAME APPLNAME								
RMIST	CVDAS	INQ	4	LIKE		RMI option			60
RMIST Output Valid Values	NORMI RMI								

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**.

Length	136
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt3511 or MONSPEC
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM

API Actions

ADDSYSGRP	Associate CICS group PARM(' GROUP(<i>value</i>) FORCE NONE NULL .')
ADDSYSDEF	Associate CICS system PARM(' SYSTEM(<i>value</i>) .')

Table 325. MONSPEC FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_REFERENCE	Does not exist	REC_NOT_FOUND	Requested resource not found
LNKASSOC_EXISTS	Association already exists	RODMCMAS_NOT_FOUND	RODM CMAS Not Found
REC_CHANGED	Resource definition already changed		

Resource table descriptions

Table 326. MONSPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
NAME-1	CHAR	CPSM	8	Yes	DIF	Specification name			5
RETENTION	BINARY	CPSM	4	Yes	AVG	Data retention period	0	0-1440	6
CICSSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for CICS region monitoring	0	0-86400	8
GLBLSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for global region monitoring	0	0-86400	10
DBXSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for DB2 and DBCTRL monitoring	0	0-86400	12
CONNSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for connection monitoring	0	0-86400	14
FILESAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for file monitoring	0	0-86400	16
JRNLSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for journal monitoring	0	0-86400	18
PROGSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for program monitoring	0	0-86400	20
TERMSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for terminal monitoring	0	0-86400	22
TDQSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for TDQ monitoring	0	0-86400	24
TRANSAMP	BINARY	CPSM	4	Yes	AVG	Sample interval for transaction monitoring	0	0-86400	26
ACTSTATUS	EYUDA	CPSM	4	Yes	LIKE	Monitor activation status	INACTIVE		27
ACTSTATUS Input/Output Valid Values	ACTIVE INACTIVE								
DESC	CHAR	CPSM	58	No	DIF	Description			28
RODMCMAS	CHAR	CPSM	8	No	DIF	Resource status facility CMAS name			29

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.

Length	120
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Monitored
Copybook identifier	EYUt1377 or MPROGRAM
Valid API operations	GET and PERFORM

API Actions

DISCARD

Discard

Parameters: None

RESET

Reset

Parameters: None

Table 327. MPROGRAM FEEDBACK error codes

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

Resource table descriptions

Table 328. MPROGRAM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
INTERVALID	TIMESTP	CPSM	8	N/A	Interval ID		1
PROGRAM=1	CHAR	INQ	8	DIF	Program name		2
NEWCOPYCNT	CODEDBIN	STAT	4	AVG	Number of NEWCOPY requests issued		3
USECOUNT	BINARY	INQ	4	N/A	Total number of times program executed		4
USEAGELSTAT	CODEDBIN	STAT	4	AVG	Number of times program accessed since last reset		5
CURUSERATE	RATE	CPSM	4	AVG	Program access rate for current sample		6
INTUSERATE	RATE	CPSM	4	AVG	Program access rate for monitor interval		7
RESCOUNT	BINARY	INQ	4	AVG	Number of times program currently accessed		8
FETCHCNT	BINARY	STAT	4	AVG	Number of times program loaded into storage		9
CURRUSEPCT	PERCENT	CPSM	4	AVG	% of times program reused - current sample		10
INTRUSEPCT	PERCENT	CPSM	4	AVG	% of times program reused - monitor interval		11
STATUS	CVDAS	INQ	4	LIKE	Enabled status		12
STATUS Output Valid Values	ENABLED DISABLED						
EXECKEY	CVDAS	INQ	4	LIKE	Program execution key		13
EXECKEY Output Valid Values	CICSEXECKEY USEREXECKEY NOTAPPLIC						
SHARESTATUS	CVDAS	INQ	4	LIKE	Share status		14

Table 328. MPROGRAM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
SHARESTATUS Output Valid Values	PRIVATE SHARED NOTAPPLIC						
HOLDSTATUS	CVDAS	INQ	4	LIKE	Hold status		15
HOLDSTATUS Output Valid Values	HOLD NOHOLD NOTAPPLIC						
RPLID	CODEDBIN	STAT	4	AVG	DFHRPL data set number		16
LENGTH	BINARY	INQ	4	AVG	Program length		17
LPASTAT	CVDAS	INQ	4	LIKE	Link pack area (LPA) status		18
LPASTAT Output Valid Values	LPA NOTLPA NOTAPPLIC						
PROGTYPE	CVDAS	INQ	4	LIKE	Program type		19
PROGTYPE Output Valid Values	PROGRAM MAP PARTITIONSET						
FETCHTIME	INT16US	STAT	4	AVG	Total time for all program fetches		20
REMOVECNT	CODEDBIN	STAT	4	AVG	Number of times removed by program compression		21
CURAVGFETCH	AVERAGE	INQ	4	MAX	Average fetch time for current sample		22
INTAVGFETCH	AVERAGE	INQ	4	MAX	Average fetch time for monitor interval		23

MREMFIL Resource Table

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

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

Length	88
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Monitored
Copybook identifier	EYUt1373 or MREMFIL
Valid API operations	GET and PERFORM

API Actions

DISCARD

Discard

Parameters: None

RESET

Reset

Parameters: None

Table 329. MREMFIL FEEDBACK error codes

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

Table 330. MREMFILF resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
INTERVALID	TIMESTP	CPSM	8	N/A	Interval ID		1
FILE-1	CHAR	INQ	8	DIF	File ID		2
REMOtenAME	CHAR	INQ	8	DIF	Remote file name		3
REMOtesystem	CHAR	INQ	4	DIF	Remote system name		4
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enable status		5
ENABLESTATUS Output Valid Values	ENABLED DISABLED UNENABLED DISABLING						
REMDelCNT	BINARY	STAT	4	AVG	Number of DELETE requests		6
GETCNT	BINARY	STAT	4	AVG	Number of READ Requests		7
GETUPDCNT	BINARY	STAT	4	AVG	Number of READ UPDATE requests		8
BROWSECNT	BINARY	STAT	4	AVG	Number of browse requests		9
ADDCNT	BINARY	STAT	4	AVG	Number of WRITE requests		10
UPDATECNT	BINARY	STAT	4	AVG	Number of REWRITE requests		11
TOTLREQCNT	BINARY	CPSM	4	AVG	Total number of all requests		12
CURREQRATE	RATE	CPSM	4	AVG	Request rate for current sample		13
INTREQRATE	RATE	CPSM	4	AVG	Request rate for monitor interval		14

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.

Length 48
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Monitored
Copybook identifier EYUt1387 or MREMTDQ
Valid API operations GET and PERFORM

API Actions

DISCARD

Discard

Parameters: None

RESET

Reset

Parameters: None

Table 331. MREMTDQ FEEDBACK error codes

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

Table 332. MREMTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
INTERVALID	TIMESTP	CPSM	8	N/A	Interval identifier	1
TDQUEUE-1	CHAR	INQ	4	DIF	Queue identifier	2
REMOTENAME	CHAR	INQ	4	DIF	Remote name	3
REMOTESYSTEM	CHAR	INQ	4	DIF	Remote system name	4
# OUTCNT	BINARY	STAT	4	N/A	Number of READ, WRITE, and DELETE requests	5
CUROUTQRATE	RATE	CPSM	4	AVG	Output rate for current sample	6
INTOUTQRATE	RATE	CPSM	4	AVG	Output rate for interval	7

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.

Length	80
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Monitored
Copybook identifier	EYUt1381 or MREMTRAN
Valid API operations	GET and PERFORM

API Actions

DISCARD

Discard

Parameters: None

RESET

Reset

Parameters: None

Table 333. MREMTRAN FEEDBACK error codes

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

Resource table descriptions

Table 334. MREMEMTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
INTERVALID	TIMESTP	CPSM	8	N/A	Interval ID		1
TRANID-1	CHAR	INQ	4	DIF	Transaction ID		2
REMOtenAME	CHAR	INQ	4	DIF	Remote transaction ID		3
REMOTESYSTEM	CHAR	INQ	4	DIF	Remote system name		4
REMOTECNT	CODEDBIN	STAT	4	N/A	Number of times transaction run remotely		5
USECOUNT	BINARY	STAT	4	N/A	Number of times transaction has been used		6
CURTRANRATE	RATE	CPSM	4	N/A	Transaction rate for current sample		7
INTTRANRATE	RATE	CPSM	4	N/A	Transaction rate for monitor interval		8
RESPTIME	BINARY	CMF	4	AVG	Response time		9
CURAVGRESP	AVERAGE	CPSM	4	MAX	Average response time for current sample		10
INTAVGRESP	AVERAGE	CPSM	4	MAX	Average response time for monitor interval		11
IRIOTIME	INT16US	CMF	4	AVG	Interregion wait time		12
TRANCLASS	CHAR	INQ	8	DIF	Transaction class name		13
REMSTARTCNT	CODEDBIN	STAT	4	AVG	Number of times transaction started		14

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.

Length	160
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Monitored
Copybook identifier	EYUt1383 or MTDQGBL
Valid API operations	GET and PERFORM

API Actions

DISCARD

Discard

Parameters: None

RESET

Reset

Parameters: None

Table 335. MTDQGBL FEEDBACK error codes

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

Resource table descriptions

Table 336. MTDQGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
INTERVALID	TIMESTP	CPSM	8	N/A	Interval ID		1
BUFFERS	BINARY	STAT	4	AVG	Number of intrapartition buffers		2
PEAKQACTV	BINARY	STAT	4	AVG	Peak number of queues that contain data		3
ACCESSCNT	BINARY	STAT	4	AVG	Number of intrapartition accesses		4
CURACCCNT	RATE	CPSM	4	AVG	Intrapartition access rate for current sample		5
INTACCCNT	RATE	CPSM	4	AVG	Intrapartition access rate for monitor interval		6
PEAKCACCESS	BINARY	STAT	4	AVG	Peak number of concurrent intrapartition accesses		7
BUFFWAITS	BINARY	STAT	4	AVG	Number of intrapartition buffer waits		8
PEAKBWAIT	BINARY	STAT	4	AVG	Peak number of intrapartition buffer waits		9
CISIZE	BINARY	STAT	4	AVG	Control interval size		10
CINUM	BINARY	STAT	4	AVG	Number of control intervals		11
PEAKCIUSE	BINARY	STAT	4	AVG	Peak number of control intervals used		12
NOSPACECNT	BINARY	STAT	4	AVG	Number of times NOSPACE occurred		13
CURFULLPER	PERCENT	CPSM	4	AVG	Percentage buffer-full time for current sample		14
INTFULLPER	PERCENT	CPSM	4	AVG	Percentage buffer-full time for monitor interval		15
WRITES	BINARY	STAT	4	AVG	Number of writes to data set		16

Table 336. MTDQGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
READS	BINARY	STAT	4	AVG	Number of reads from data set		17
CURWRITRATE	RATE	CPSM	4	AVG	Write rate for current sample		18
INTWRITRATE	RATE	CPSM	4	AVG	Write rate for monitor interval		19
CURREADRATE	RATE	CPSM	4	AVG	Read rate for current sample		20
INTREADRATE	RATE	CPSM	4	AVG	Read rate for monitor interval		21
FMTWRITE	BINARY	STAT	4	AVG	Number of formatting writes		22
IOERRS	BINARY	STAT	4	AVG	Number of I/O errors		23
STRINGS	BINARY	STAT	4	AVG	Number of strings		24
STRACCESS	BINARY	STAT	4	AVG	Number of times string accessed		25
PEAKSTRACC	BINARY	STAT	4	AVG	Peak number of concurrent string accesses		26
STRNGWAITS	BINARY	STAT	4	AVG	Number of string waits		27
PEAKSTRWAIT	BINARY	STAT	4	AVG	Peak number of string waits		28
CURCONBUFAC	CODEDBIN	STAT	4	AVG	Number of current concurrent buffer accesses		29
CURBUFFWAIT	CODEDBIN	STAT	4	AVG	Number of current buffer waits		30
CURBUFVALDA	CODEDBIN	STAT	4	AVG	Number of current buffers with valid data		31
CURCONSTRAC	CODEDBIN	STAT	4	AVG	Number of current concurrent string accesses		32
CURSTRWAITS	CODEDBIN	STAT	4	AVG	Number of current string waits		33
NUMCTRLINTV	CODEDBIN	STAT	4	AVG	Number of control intervals in use		34

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.

Length	136
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Monitored
Copybook identifier	EYUt1378 or MTERMNL
Valid API operations	GET and PERFORM

API Actions

DISCARD

Discard

Parameters: None

RESET

Reset

Parameters: None

Table 337. MTERMNL FEEDBACK error codes

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

Table 338. MTERMNL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
INTERVALID	TIMESTP	CPSM	8	N/A	Interval ID		1
TERMINID-1	CHAR	INQ	4	DIF	Terminal ID		2
DEVICE	CVDAT	INQ	4	LIKE	Device type		3
DEVICE Output Valid Values					BATCHLU BIPROG BISYNCH CDRDLPRC CONTNLU HARDCOPY INTACTLU ISCMCONV LUCMODGRP LUCSESS LUTYPE4 LUTYPE6 MAGTAPE RESSYS SDLC SEQDISK SYSTEM3 SYSTEM7 SYS7BSCA TCONSOLE TELETYPE TTCAM TWX3335 T1050 T1053 T2260L T2260R T2265 T2740 T2741BCD T2741COR T2770 T2780 T3275R T3277L T3277R T3284L T3284R T3286L T3286R T3600BI T3601 T3614 T3650ATT T3735 T3650PIPE T3650USER T3653HOST T3740 T3780 T3790 T3790SCSP T3790UP T7770 VIDEOTERM		
SERVSTATUS	CVDAS	INQ	4	LIKE	Service status		4
SERVSTATUS Output Valid Values					INSERVICE OUTSERVICE GOINGOUT		
REMO TENAME	CHAR	INQ	4	DIF	Name of terminal in remote CICS		5
REMO TESYSTEM	CHAR	INQ	4	DIF	Remote system name		6
NETNAME	CHAR	INQ	8	DIF	Network name		7
POLLCNT	DECIMAL	STAT	4	AVG	Number of polls sent to terminal		8
INPMSGCNT	BINARY	STAT	4	AVG	Number of input messages		9
OUTMSGCNT	BINARY	STAT	4	AVG	Number of output messages		10
CURIMSGRATE	RATE	CPSM	4	AVG	Input message rate for current sample		11
INTIMSGRATE	RATE	CPSM	4	AVG	Input message rate for monitor interval		12
CUROMSGRATE	RATE	CPSM	4	AVG	Output message rate for current sample		13
INTOMSGRATE	RATE	CPSM	4	AVG	Output message rate for monitor interval		14

Resource table descriptions

Table 338. MTERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
TRANCNT	BINARY	STAT	4	AVG	Number of transactions		15
CURTRANRATE	RATE	CPSM	4	AVG	Transaction rate for current sample		16
INTTRANRATE	RATE	CPSM	4	AVG	Transaction rate for monitor interval		17
STGVCNT	CODEDBIN	STAT	4	AVG	Number of storage violations		18
XERRCNT	BINARY	STAT	4	AVG	Number of transmission errors		19
TERRCNT	BINARY	STAT	4	AVG	Number of transaction errors		20
PMSGCNT	CODEDBIN	STAT	4	AVG	Total pipeline-throwaway count		21
PMSGGRPCNT	CODEDBIN	STAT	4	AVG	Number of consecutive pipeline-throwaways		22
PMSGCONSEC	CODEDBIN	STAT	4	AVG	Maximum pipeline-throwaway count		23
LUNAME	CHAR	STAT	8	DIF	LU name		24
STORAGE	CODEDBIN	STAT	4	AVG	Terminal input-output area (TIOA) storage		25
ACQSTATUS	CVDAS	INQ	4	LIKE	Acquired status		26
ACQSTATUS Output Valid Values	ACQUIRED RELEASED ACQUIRING NOTAPPLIC						

MTRANCLS Resource Table

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

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

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

The following actions are supported:

DISCARD

Remove the Monitored resource instance.

RESET

Reset all Monitoring instance attributes.

These actions require no unique parameter data.

Length	104
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Monitored
Copybook identifier	EYUt1400 or MTRANCLS
Valid API operations	GET and PERFORM

API Actions

DISCARD Discard

Parameters: None

RESET Reset

Parameters: None

Table 339. MTRANCLS FEEDBACK error codes

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

Resource table descriptions

Table 340. MTRANCLS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
NAME-1	CHAR	INQ	8	DIF	Transaction class name		1
MAXACTIVE	BINARY	INQ	4	MAX	Maximum number of transactions allowed in class		2
ACTIVE	BINARY	INQ	4	N/A	Number of transactions currently active in class		3
QUEUED	CODEDBIN	INQ	4	AVG	Number of transactions currently queued		4
PURGETHRESH	CODEDBIN	INQ	4	AVG	Purge threshold		5
ATTACHES	CODEDBIN	STAT	4	AVG	Total number of attach requests		6
PURGEIMMED	CODEDBIN	STAT	4	AVG	Number of transactions purged due to threshold		7
TOTQUEDCNT	CODEDBIN	STAT	4	AVG	Total number of transactions queued		8
ACCEPTIMMED	CODEDBIN	STAT	4	AVG	Number of transactions accepted immediately		9
ACCEPTAFTRQD	CODEDBIN	STAT	4	AVG	Number of transactions accepted after being queued		10
PURGEWHILEQD	CODEDBIN	STAT	4	AVG	Number of transactions purged while queued		11
INSTALLDEFS	CODEDBIN	STAT	4	AVG	Number of transaction definitions installed		12
ACTIVEPEAK	BINARY	STAT	4	MAX	Peak number of active transactions		13
QUEUEDPEAK	CODEDBIN	STAT	4	AVG	Peak number of queued transactions		14
TIMESATMAX	BINARY	STAT	4	MAX	Times maximum active transactions reached		15

Table 340. MTRANCLS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
PURGTHRTIMES	CODEDBIN	STAT	4	AVG	Number of times purge threshold met		16
QUEUE TIME	INTSTCK	STAT	8	AVG	Total time transactions queued		17
CURQUEUED TIME	INTSTCK	STAT	8	AVG	Total time current transactions on queue		18

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.

Length	248
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Monitored
Copybook identifier	EYUt1388 or MTSQGBL
Valid API operations	GET and PERFORM

API Actions

DISCARD

Discard

Parameters: None

RESET

Reset

Parameters: None

Table 341. MTSQGBL FEEDBACK error codes

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

Table 342. MTSQGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
INTERVALID	TIMESTP	CPSM	8	N/A	Interval identifier		1
PUTQMAIN	BINARY	STAT	4	AVG	Put/PutQ main		2
GETQMAIN	BINARY	STAT	4	AVG	Get/Getq main		3
CURMPUTQRATE	RATE	CPSM	4	AVG	PutQ main rate current sample		4
INTMPUTQRATE	RATE	CPSM	4	AVG	PutQ main rate for interval		5
CURMGETQRATE	RATE	CPSM	4	AVG	GetQ main rate current sample		6
INTMGETQRATE	RATE	CPSM	4	AVG	GetQ main rate for interval		7
PEAKSTG	BINARY	STAT	4	AVG	Peak storage		8
PUTQAUX	BINARY	STAT	4	AVG	Put/PutQ auxiliary		9
GETQAUX	BINARY	STAT	4	AVG	Get/GetQ auxiliary		10
CURAPUTQRATE	RATE	CPSM	4	AVG	PutQ auxiliary rate current sample		11
INTAPUTQRATE	RATE	CPSM	4	AVG	PutQ auxiliary rate for interval		12
CURAGETQRATE	RATE	CPSM	4	AVG	GetQ auxiliary rate current sample		13
INTAGETQRATE	RATE	CPSM	4	AVG	GetQ auxiliary rate for interval		14
PEAKQUES	BINARY	STAT	4	AVG	Peak queue names in use		15
ENTLGLQUE	BINARY	STAT	4	AVG	Entries in longest queue		16
QUECRECNT	BINARY	STAT	4	AVG	Times queues created		17
QUEXTENDS	BINARY	STAT	4	AVG	Queue extensions created		18
CISIZE	BINARY	STAT	4	AVG	Control interval size		19
WRTGTCSIZ	BINARY	STAT	4	AVG	Writes greater than CISIZE		20
CINUM	BINARY	STAT	4	AVG	Number of control intervals in data set		21
PEAKCIUSE	BINARY	STAT	4	AVG	Peak CIs used		22

Resource table descriptions

Table 342. MTSQGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
AUXFULL	BINARY	STAT	4	AVG	Times auxiliary storage exhausted		23
CURFULLPER	PERCENT	CPSM	4	AVG	Auxiliary storage % full for current sample		24
INTFULLPER	PERCENT	CPSM	4	AVG	Auxiliary storage % full for interval		25
BUFFERS	BINARY	STAT	4	AVG	Number of temporary storage buffers		26
STRINGS	BINARY	STAT	4	AVG	Number of temporary storage strings		27
BUFWAITS	BINARY	STAT	4	AVG	Count of buffer waits		28
PEAKUWBUF	BINARY	STAT	4	AVG	Peak users waiting on buffers		29
BUFWITES	BINARY	STAT	4	AVG	Buffer writes		30
WRTFRECVR	BINARY	STAT	4	AVG	Buffer writes forced for recovery		31
BUFREADS	BINARY	STAT	4	AVG	Buffer reads		32
CURBHITRATE	RATE	CPSM	4	AVG	Buffer read hit rate for current sample		33
INTBHITRATE	RATE	CPSM	4	AVG	Buffer read hit rate for interval		34
CURWRITRATE	RATE	CPSM	4	AVG	Write rate for current sample		35
INTWRITRATE	RATE	CPSM	4	AVG	Write rate for interval		36
CURREADRATE	RATE	CPSM	4	AVG	Read rate for current sample		37
INTREADRATE	RATE	CPSM	4	AVG	Read rate for interval		38
FMTWRT	BINARY	STAT	4	AVG	Number of format writes		39
PEAKUSDSTR	BINARY	STAT	4	AVG	Peak strings in use		40
PEAKUWSTR	BINARY	STAT	4	AVG	Peak users waiting on strings		41
CURRUWSTR	BINARY	STAT	4	AVG	Current users waiting on string		42
CURRUWBFRR	BINARY	STAT	4	AVG	Current users waiting on buffer		43
IOERRS	BINARY	STAT	4	AVG	Number of I/O errors on DSN		44

Table 342. MTSQGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
STRINGWAIT	BINARY	STAT	4	AVG	Number of string waits		45
COMPRESSIONS	BINARY	STAT	4	AVG	Number of temporary storage compressions		46
CISINUSE	BINARY	STAT	4	AVG	Number of control intervals in use		47
NAMESINUSE	BINARY	STAT	4	AVG	Number of temporary storage names in use		48
LONGAUXREC	BINARY	STAT	4	AVG	Longest auxiliary record length		49
BYTESPERCI	BINARY	STAT	4	AVG	Available bytes per control interval		50
SEGSPERI	BINARY	STAT	4	AVG	Segments per control interval		51
BYTESPERSEG	BINARY	STAT	4	AVG	Bytes per segment		52
EXTTHRESHOLD	BINARY	STAT	4	AVG	Queue extension threshold		53
SHRDPOOLDEF	CODEDBIN	STAT	4	AVG	Shared pools defined		54
SHRDPOOLCONN	CODEDBIN	STAT	4	AVG	Number of shared pools that CICS is connected to		55
SHRDREADREQ	CODEDBIN	STAT	4	AVG	Shared read requests		56
SHRDWRITEREQ	CODEDBIN	STAT	4	AVG	Shared write requests		57

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.

Length 32
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Resource
Copybook identifier EYUt0141 or MVSESTG
Valid API operations GET

Table 343. MVSESTG resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
TCBADDRESS-1	HEX	INQ	4	MAX	Address of MVS TCB	1
ELEMENTADDR-2	HEX	INQ	4	MAX	Storage element address	2
ELEMENTLEN	BINARY	INQ	4	AVG	Element length	3
SUBPOOLNUM	BINARY	INQ	4	AVG	Subpool number	4

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.

Length 64
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Resource
Copybook identifier EYUt0142 or MVSTCB
Valid API operations GET

Table 344. MVSTCB resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
TCBADDRESS-1	HEX	STAT	4	MAX	MVS TCB address	1
TCBNAME	CHAR	STAT	8	DIF	TCB name	2
TCBSTGBELOW	BINARY	STAT	4	N/A	Private storage below 16MB	3
TCBCPUTIME	INTSTCK	STAT	8	MAX	CPU time used by the TCB	4
TCBSTGABOVE	BINARY	STAT	4	N/A	Private storage above 16MB	5
TCBMOTHER	HEX	STAT	4	MAX	Address of mother TCB	6
TCBSISTER	HEX	STAT	4	MAX	Address of sister TCB	7
TCBDAUGHTER	HEX	STAT	4	MAX	Address of daughter TCB	8
TCBCICSTASK	DECIMAL	STAT	4	MAX	CICS task number for a dedicated TCB	9
TCBTYPE	CVDAS	STAT	4	LIKE	TCB type	13
TCBTYPE Output Valid Values	CICS NONCICS					

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.

Length	56
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0143 or MVSTCBGL
Valid API operations	GET

Table 345. MVSTCBGL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
CICSTCBCOUNT	BINARY	STAT	4	N/A	Current number of CICS TCBs	1
NONCICSTCBCT	BINARY	STAT	4	N/A	Current number of non-CICS TCBs	2
CICSTCBTIME	INTSTCK	STAT	8	N/A	CPU time used by current attached CICS TCBs	3
NCICSTCBTIME	INTSTCK	STAT	8	N/A	CPU time used by current attached non-CICS TCBs	4
CICSTCBSTGB	BINARY	STAT	4	N/A	Storage below 16MB allocated to CICS TCBs	5
NCICSTCBSTGB	BINARY	STAT	4	N/A	Storage below 16MB allocated to non-CICS TCBs	6
CICSTCBSTGA	BINARY	STAT	4	N/A	Storage above 16MB allocated to CICS TCBs	7
NCICSTCBSTGA	BINARY	STAT	4	N/A	Storage above 16MB allocated to non-CICS TCBs	8

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.

Length	56
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0126 or MVSWLM
Valid API operations	GET

Table 346. MVSWLM resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MNGWLMMD	EYUDA	STAT	4	LIKE	Workload management option	5
MNGWLMMD Output Valid Values	YES NO					
MNGWLMST	EYUDA	STAT	4	LIKE	Server status	6
MNGWLMST Output Valid Values	YES NO					
MNGWLMSC	CHAR	STAT	8	DIF	Service class	8
MNGWLMRC	CHAR	STAT	8	DIF	Report class	9
MNGWLMRG	CHAR	STAT	8	DIF	Resource group	10
MNGWLMWN	CHAR	STAT	8	DIF	MVS workload manager workload definition 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.

Length 48
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Monitored
Copybook identifier EYUt1384 or MXTRATDQ
Valid API operations GET and PERFORM

API Actions

DISCARD

Discard

Parameters: None

RESET

Reset

Parameters: None

Table 347. MXTRATDQ FEEDBACK error codes

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

Table 348. MXTRATDQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
INTERVALID	TIMESTP	CPSM	8	N/A	Interval identifier	1
TDQUEUE-1	CHAR	INQ	4	DIF	Queue identifier	2
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enabled status	3
ENABLESTATUS Output Valid Values	ENABLED DISABLED					
OPENSTATUS	CVDAS	INQ	4	LIKE	Open status	4

Table 348. MXTRATDQ resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
OPENSTATUS Output Valid Values	OPEN CLOSED OPENING CLOSING SWITCHING					
# OUTCNT	BINARY	STAT	4	AVG	Number of READ, WRITE requests	5
CUROUTQRATE	RATE	CPSM	4	AVG	Output rate for current sample	6
INTOUTQRATE	RATE	CPSM	4	AVG	Output rate for interval	7

OBJECT Resource Table

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

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

Length 88
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Metadata
Copybook identifier EYUt2579 or OBJACT

Table 349. OBJACT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
OBJECT-1	CHAR	CPSM	8	DIF	Object name	4
TABLEVER-2	BINARY	CPSM	2	AVG	Object table version	5
ACTION-3	CHAR	CPSM	12	DIF	Action name	6
VALCICSESA	BIT	CPSM	1	N/A	Not valid in CICS/ESA	7
VALCICSVSE	BIT	CPSM	1	N/A	Not valid in CICS/VSE	8
VALCICSOS2	BIT	CPSM	1	N/A	Not valid in CICS OS/2	9
VALCICSWNT	BIT	CPSM	1	N/A	Not valid in CICS for Windows	12
VALCICES2	BIT	CPSM	1	N/A	Not valid in CICS/ESA byte 2	13
DESCRIPTION	CHAR	CPSM	50	DIF	Description	15
ID	BINARY	CPSM	4	AVG	Action number	16
PARMCOUNT	BINARY	CPSM	4	AVG	Parameter count	17
APIPERFORM	CHAR	CPSM	1	N/A	Valid for EXEC CPSM PERFORM	18

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.

Length 112
Usage API
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Metadata
Copybook identifier EYUt2578 or OBJECT

Table 350. OBJECT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
NAME-1	CHAR	CPSM	8	DIF	Object name	4
NUMTBLVER	BINARY	CPSM	2	AVG	Number of table elements known	6
HIGHTBLVER	BINARY	CPSM	2	AVG	Highest known table version	7
RELTBLVER	BINARY	CPSM	2	AVG	Table version at this CPSM release	8
OWNERNAME	CHAR	CPSM	3	DIF	Owning major object name	9
CREATEREL	CHAR	CPSM	4	DIF	CPSM release object created	10
QUERYREL	CHAR	CPSM	4	DIF	CPSM release of querying CMAS	11
OBJTYPE	CHAR	CPSM	1	DIF	Object class type	12
CURTBLVER	BINARY	CPSM	2	AVG	Current table version	14
CURNUMATTR	BINARY	CPSM	2	AVG	Current number attributes	15
CURSTGSIZE	BINARY	CPSM	2	AVG	Current table storage size	17
CURCPSMREL	CHAR	CPSM	4	DIF	CPSM release version created	20
CURVALRTA	CHAR	CPSM	1	DIF	Valid for real time analysis	22
CURVALUTL	CHAR	CPSM	1	DIF	Valid for batch	23
CURGETVAL	CHAR	CPSM	1	DIF	Get valid	24
CURSETVAL	CHAR	CPSM	1	DIF	Set valid	25
CURCREVAL	CHAR	CPSM	1	DIF	Create valid	26
CURUPDVAL	CHAR	CPSM	1	DIF	Update valid	27
CURREMVAL	CHAR	CPSM	1	DIF	Remove valid	28
CURACTVAL	CHAR	CPSM	1	DIF	Actions defined	29
CURVALESA	BIT	CPSM	1	N/A	Not valid in CICS/ESA	30
CURVALVSE	BIT	CPSM	1	N/A	Not valid in CICS/VSE	31
CURVALOS2	BIT	CPSM	1	N/A	Not valid in CICS OS/2	32
CURVALWNT	BIT	CPSM	1	N/A	Not valid in CICS for Windows	35
CURDESC	CHAR	CPSM	50	DIF	Table description	38
VIEWMOD	CHAR	CPSM	1	DIF	Eligible for SPECIFY VIEW command	40

Resource table descriptions

Table 350. OBJECT resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
CMASCONTEXT	CHAR	CPSM	1	DIF	Context is CMAS	41
APIPREFIX	CHAR	CPSM	1	N/A	Requires API prefix	42
SCOPE SORT	CHAR	CPSM	1	N/A	Sort by scope	43
SCOPE REQ	CHAR	CPSM	1	N/A	Scope required	44
CURVALES2	BIT	CPSM	1	N/A	Not valid in CICS/ESA byte 2	45
ID	RESTYPE	CPSM	2	N/A	Object resource type	46

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.

Length	256
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Metadata
Copybook identifier	EYUt2594 or OBJSTAT

Table 351. OBJSTAT resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
RECORDNUM-1	BINARY	CPSM	4	N/A	Record number	1
CONTEXT	CHAR	CPSM	8	N/A	Context	2
CICSNAME	CHAR	CPSM	8	N/A	CICS system name	3
CICSREL	CHAR	CPSM	4	N/A	CICS release number	4
OBJECT	CHAR	CPSM	8	N/A	Object name	5
OBJTYPE	BINARY	CPSM	1	N/A	Object type	6
RECTYPE	BINARY	CPSM	1	N/A	Record type	7
LASTOPER	BINARY	CPSM	1	N/A	Last operation type	8
STATUS	BIT	CPSM	1	N/A	Record status	9
CNTRECORDS	BINARY	CPSM	4	N/A	Detail record count for summary	10
KEYLEN	BINARY	CPSM	2	N/A	Length of key data	11
KEYDATA	CHAR	CPSM	44	N/A	Native key	12
RESERVE1	CHAR	CPSM	170	N/A	Reserved	13

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.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6151 or PARINGRP
Valid API operations	GET CREATE and REMOVE

Table 352. PARINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 353. PARINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
PARTGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
PARTNAME-2	CHAR	CPSM	8	Yes	DIF	Partner definition name	6
PARTVER-3	BINARY	CPSM	1	Yes	AVG	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.

Length	40
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Metadata
Copybook identifier	EYUt2635 or PARMAVA

Table 354. PARMAVA resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
PARMIDN-1	BINARY	CPSM	4	AVG	Parameter number	4
PARMAVAIDN-2	BINARY	CPSM	4	AVG	AVA number for parameter	5
LITERAL	CHAR	CPSM	12	DIF	Parameter literal	6
VALUE	BINARY	CPSM	4	AVG	Parameter value in numeric form	7
VALUENAME	CHAR	CPSM	12	DIF	Parameter value as character string	8

PARTDEF Resource Table

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

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

The following actions are supported:

INSTALL

Install a Partner Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	328
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3806 or PARTDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	GET [CICSSYS] [RESGROUP] CREATE [RESGROUP]

API Actions

INSTALL	Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTOGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 355. PARTDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string terminator
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed

Table 355. PARTDEF FEEDBACK error codes (continued)

INV_NAME	Invalid name	NOTIFY	Notify
INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid oertype	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Resource table descriptions

Table 356. PARTDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	Partner definition name			7
NETNAME	CHAR	CPSM	8	Yes	DIF	VTAM node name			8
NETWORK	CHAR	CPSM	8	No	DIF	Network name			9
PROFILE	CHAR	CPSM	8	Yes	DIF	Profile definition name			10
TPNAME	CHAR	CPSM	64	No	DIF	Remote transaction program name (characters)	DFHCICSA		11
XTPNAME	CHAR	CPSM	128	No	DIF	Remote transaction program name (hexadecimal)			12
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Definition create time			13
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			14
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			15
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			16
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			17

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.

Length	120
Usage	API
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0052 or PARTNER
Valid API operations	GET and PERFORM

API Actions

DISCARD	Discard
----------------	---------

Parameters: None

Table 357. PARTNER resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
PARTNER-1	CHAR	INQ	8	DIF	Partner name	1
NETNAME	CHAR	INQ	8	DIF	Node where partner located	2
NETWORK	CHAR	INQ	8	DIF	Network where partner located	3
PROFILE	CHAR	INQ	8	DIF	Profile name for partner	4
TPNAME	CHAR	INQ	64	DIF	Remote transaction program name	5
TPNAMELEN	BINARY	INQ	2	AVG	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.

Length	80
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt2811 or PERIODEF
Valid API operations	GET CREATE UPDATE and REMOVE

Table 358. PERIODEF FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
REC_CHANGED	Resource definition already changed	REC_NOT_FOUND	Requested resource not found

Table 359. PERIODEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed		1
NAME-1	CHAR	CPSM	8	Yes	DIF	Period definition name		5
START	HHMM	CPSM	2	Yes	MAX	Start time		6
END	HHMM	CPSM	2	Yes	MAX	End time		7
ZONEADJ	BINARY	CPSM	1	Yes	AVG	Time zone adjustment factor	0	8
ZONE	CHAR	CPSM	1	Yes	DIF	Time zone		9
DESC	CHAR	CPSM	58	No	DIF	Description		10

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.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6154 or PGMINGRP
Valid API operations	GET CREATE and REMOVE

Table 360. PGMINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 361. PGMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
PROGGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
PROGNAME-2	CHAR	CPSM	8	Yes	DIF	Program definition name	6
PROGVER-3	BINARY	CPSM	1	Yes	AVG	Program 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.

Length 56
Usage API
API view No
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CPSM Manager
Copybook identifier EYUt2406 or POLMON
Valid API operations GET and PERFORM

API Actions

DISCARD Discard
Parameters: None

DEACTIVATE Deactivate
Parameters: None

Table 362. POLMON FEEDBACK error codes

Code	Description	Code	Description
DEACT_NOT_ALLOWED	Deactivate not allowed	INV_REFERENCE	Does not exist
DISCARD_NOT_ALLOWED	Discard not allowed	REC_EXISTS	Record exists
INV_DATA	Invalid name	REC_NOT_FOUND	Requested resource not found

Table 363. POLMON resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	Definition name	1
RESNAME	CHAR	CPSM	8	DIF	Resource name pattern	2
RESCLASS	EYUDA	CPSM	4	LIKE	Monitoring resource class	3
RESCLASS Output Valid Values	MCICS MCONN MGLBL MDBX MFILE MJRNL MPROG MTDQS MTERM MTRAN					
INCLUDE	EYUDA	CPSM	4	LIKE	Monitoring inclusion status	4

Table 363. POLMON resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
INCLUDE Output Valid Values	YES NO					
ACTIVETIME-3	CHAR	CPSM	8	DIF	Activation period	5
STATUS-2	EYUDA	CPSM	4	LIKE	Definition status	6
STATUS-2 Output Valid Values	ACTIVE PENDING					
RODMPOP	EYUDA	CPSM	4	LIKE	Resource status facility monitoring status	7
RODMPOP Output Valid Values	YES NO					

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.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6170 or PRCINGRP
Valid API operations	GET CREATE and REMOVE

Table 364. PRCINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 365. PRCINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
PROCGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
PROCNAME-2	CHAR	CPSM	8	Yes	DIF	Process type definition name	6
PRCVER-3	BINARY	CPSM	1	Yes	AVG	Process type definition version	7

PIPEDEF Resource Table

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

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

The following actions are supported:

INSTALL

Install a Connection Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

ADDTOGRP

Add to resource group

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

Length	880
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3834 or PIPEDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Unsupported releases	E530, E620 and E630
Parameters	

GET [CICSSYS] [RESGROUP]

CREATE

[RESGROUP]

API Actions

INSTALL

Install

PARM(' [NOTIFY(*value*)] USAGE(*value*)
[FORCEINS(*value*)] [STATECHK(*value*)]
[MODE(*value*)] [OVERTYPE(*value*)]
[OVERRIDE(*override*)] TARGET(*value*)
[RELATED(*value*)] .')

ADDTOGRP

Add to resource group

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

Table 366. PIPEDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string term
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier

Resource table descriptions

| *Table 366. PIPEDEF FEEDBACK error codes (continued)*

INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed
INV_NAME	Invalid name	NOTIFY	Notify
INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid over type	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Table 367. PIPEDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	Pipeline definition name			7
CREATETIME	DATE TIME	CPSM	8	Yes	MAX	Definition creation time			9
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			10
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			11
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			12
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			13
CONFIGFILE	CHAR	CPSM	255	Yes	DIF	Configuration file name on HFS for this pipeline			14
SHELF	CHAR	CPSM	255	No	DIF	Name of a directory (shelf) for WSBIND files	/VAR/CICSTS		15
STATUS	CVDAS	CPSM	4	No	LIKE	ENABLED status	ENABLED		16
STATUS Input/Output Valid Values	ENABLED DISABLED								
WSDIR	CHAR	CPSM	255	No	DIF	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.

Length 800

Usage API or EVALDEF

API view Yes

CMAS context No

SCOPE applies Yes

Only query CMASs in workload

No

Object type CICS Resource

Copybook identifier EYUt0164 or PIPELINE

Valid API operations GET SET and PERFORM

Unsupported releases E530, E620 and E630

API Actions

ENABLE Enable

Parameters: None

DISABLE Disable

Parameters: None

DISCARD Discard

Parameters: None

SCAN Scan

Parameters: None

Table 368. PIPELINE resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved	
NAME-1	CHAR	INQ	8	DIF		Pipeline name	1
ENABLESTATUS	CVDAS	INQ	4	LIKE	yes	Pipeline status	2
ENABLESTATUS Input/Output Valid Values	ENABLED DISABLED						

Table 368. PIPELINE resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
ENABLESTATUS Output Valid Values	ENABLING DISABLING DISCARDING						
PIPEUSECOUNT	BINARY	STAT	4	AVG		Number of times pipeline has been used	3
CONFIGFILE	CHAR	INQ	255	DIF		Configuration file name on HFS for this pipeline	4
SHELF	CHAR	INQ	255	DIF		Name of a directory (shelf) for WSBIND files	5
WSDIR	CHAR	INQ	255	DIF		Name of the WSBIND (pickup) directory on HFS	6

Resource table descriptions

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.

Length 32
 # **Usage** API or Batch Utility
 # **API view** No
 # **CMAS context** No
 # **SCOPE applies** No
 # **Only query CMASs in workload**
 # No
 # **Object type** CPSM Definition
 # **Copybook identifier** EYUt6179 or PIPINGRP
 # **Valid API operations** GET CREATE and REMOVE

Table 369. PIPINGRP FEEDBACK error codes

# Code	Description	Code	Description
# DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
# INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
# INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
# INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
# INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
# INV_NAME	Invalid name		

Table 370. PIPINGRP resource table attributes

# Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
# CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
# PIPGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
# PIPNAME-2	CHAR	CPSM	8	Yes	DIF	Pipeline definition name	6
# PIPVER-3	BINARY	CPSM	1	Yes	AVG	Pipeline definition version	7

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.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6152 or PRNINGRP
Valid API operations	GET CREATE and REMOVE

Table 371. PRNINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 372. PRNINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
PRTNGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
PRTNNAME-2	CHAR	CPSM	8	Yes	DIF	Partition set definition name	6
PRTNVER-3	BINARY	CPSM	1	Yes	AVG	Partition set definition version	7

PROCDEF Resource Table

A CICS Definition that describes a Process Type.

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

The following actions are supported:

INSTALL

Install a Process Type Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	136
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3825 or PROCDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	GET [CICSSYS] [RESGROUP] CREATE [RESGROUP]

API Actions

INSTALL	Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTOGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 373. PROCDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string terminator
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed
INV_NAME	Invalid name	NOTIFY	Notify

Table 373. PROCDEF FEEDBACK error codes (continued)

INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid over type	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLEN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Resource table descriptions

Table 374. PROCDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	Process type definition name			7
FILE	CHAR	CPSM	8	Yes	DIF	File name			9
AUDITLOG	CHAR	CPSM	8	Yes	DIF	Audit log name			10
AUDITLEVEL	CVDAS	CPSM	4	Yes	LIKE	Audit level	OFF		11
AUDITLEVEL Input/Output Valid Values	OFF FULL ACTIVITY PROCESS								
STATUS	CVDAS	CPSM	4	Yes	LIKE	Enable status	ENABLED		12
STATUS Input/Output Valid Values	ENABLED DISABLED								
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Definition create time			13
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			14
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			15
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			16
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			17

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.

Length	48
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0101 or PROCTYP
Valid API operations	GET SET and PERFORM

API Actions

DISCARD Discard

Parameters: None

DISABLE Disable

Parameters: None

ENABLE Enable

Parameters: None

Table 375. PROCTYP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved	
NAME-1	CHAR	INQ	8	DIF		BTS process type	1
FILE	CHAR	INQ	8	DIF		File name	2
AUDITLOG	CHAR	INQ	8	DIF		Audit log name	3
AUDITLEV	CVDAS	INQ	4	LIKE	yes	Audit level	4
AUDITLEV Input/Output Valid Values	OFF FULL ACTIVITY PROCESS						
ENASTAT	CVDAS	INQ	4	LIKE	yes	Enable status	5
ENASTAT Input/Output Valid Values	ENABLED DISABLED						

PROFDEF Resource Table

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

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

The following actions are supported:

INSTALL

Install a Profile Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	184
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3808 or PROFDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	GET [CICSSYS] [RESGROUP] CREATE [RESGROUP]

API Actions

INSTALL	Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTOGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 376. PROFDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string terminator
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed

Table 376. PROFDEF FEEDBACK error codes (continued)

INV_NAME	Invalid name	NOTIFY	Notify
INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid over type	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Resource table descriptions

Table 377. PROFDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	Profile definition name			7
CHAINCONTROL	EYUDA	CPSM	4	Yes	LIKE	Outbound chaining control	NO		8
CHAINCONTROL Input/Output Valid Values	YES NO								
DVSUPRT	EYUDA	CPSM	4	Yes	LIKE	Supported devices	ALL		9
DVSUPRT Input/Output Valid Values	ALL NONVTAM VTAM								
INBFMH	EYUDA	CPSM	4	Yes	LIKE	Pass function management header (FMH) to application	NO		10
INBFMH Input/Output Valid Values	NO ALL DIP EODS								
LOGREC	EYUDA	CPSM	4	Yes	LIKE	Receive requires logical record	NO		11
LOGREC Input/Output Valid Values	YES NO								
MODENAME	CHAR	CPSM	8	No	DIF	Mode name			12
MSGINTEG	EYUDA	CPSM	4	Yes	LIKE	Message response requested	NO		13
MSGINTEG Input/Output Valid Values	YES NO								
MSGJRNL	EYUDA	CPSM	4	Yes	LIKE	Messages to be journaled	NO		14
MSGJRNL Input/Output Valid Values	NO INPUT OUTPUT INOUT								
ONEWTE	EYUDA	CPSM	4	Yes	LIKE	One write operation	NO		15

Table 3.77. PROFDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
ONEWTE Input/Output Valid Values	YES NO								
PROTECT Input/Output Valid Values	EYUDA	CPSM	4	Yes	LIKE	Output message recovery	N_A		16
PROTECT Input/Output Valid Values	YES NO N_A								
PRINTERCOMP Input/Output Valid Values	EYUDA	CPSM	4	Yes	LIKE	Printer compatability option	NO		17
PRINTERCOMP Input/Output Valid Values	YES NO								
RAQ Input/Output Valid Values	EYUDA	CPSM	4	Yes	LIKE	Read ahead queueing option	NO		18
RAQ Input/Output Valid Values	YES NO								
UCTRAN Input/Output Valid Values	EYUDA	CPSM	4	Yes	LIKE	Upper case translation	NO		19
UCTRAN Input/Output Valid Values	YES NO								
SCRNSIZE Input/Output Valid Values	CVDAS	CPSM	4	Yes	LIKE	Screen size	DEFAULT		20
SCRNSIZE Input/Output Valid Values	DEFAULT ALTERNATE								
NEPCLASS Input/Output Valid Values	CHAR	CPSM	4	No	DIF	Node error program transaction class	0	0-255	21
RTIMOUT Input/Output Valid Values	CHAR	CPSM	8	No	DIF	Read time-out value	NO	1-7000	22
RTIMOUT Input/Output Valid Values	NO								
JOURNAL Input/Output Valid Values	CHAR	CPSM	4	No	DIF	Journal identifier	NO	1-99	23
JOURNAL Input/Output Valid Values	NO								
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Definition create time			24

Resource table descriptions

Table 377. PROFDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			25
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			26
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			27
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			28
FACILITYLIKE	CHAR	CPSM	4	No	DIF	Facility model			29

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.

Length	24
Usage	API
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0053 or PROFILE
Valid API operations	GET and PERFORM

API Actions

DISCARD	Discard
----------------	---------

Parameters: None

Table 378. PROFILE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
PROFILE-1	CHAR	INQ	8	DIF	Profile name	1

PROGDEF Resource Table

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

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

The following actions are supported:

INSTALL

Install a Program Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	456
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3809 or PROGDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	GET [RESGROUP] [CICSSYS] CREATE [RESGROUP]

API Actions

INSTALL	Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTOGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 379. PROGDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string term
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed

Table 379. PROGDEF FEEDBACK error codes (continued)

INV_NAME	Invalid name	NOTIFY	Notify
INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid oertype	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Resource table descriptions

Table 380. PROGDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	Program definition name			7
CEDF	EYUDA	CPSM	4	Yes	LIKE	Display execution diagnostic facility (EDF) screens	YES		8
CEDF Input/Output Valid Values	YES NO								
DATALOCATION	CVDAS	CPSM	4	Yes	LIKE	Data location	BELOW		9
DATALOCATION Input/Output Valid Values	BELOW ANY								
EXECKEY	CVDAS	CPSM	4	Yes	LIKE	Program execution key	USER		10
EXECKEY Input/Output Valid Values	USER CICS								
EXECUTIONSET	CVDAS	CPSM	4	Yes	LIKE	API subset restriction type	FULLAPI		11
EXECUTIONSET Input/Output Valid Values	FULLAPI DPLSUBSET								
LANGUAGE	EYUDA	CPSM	4	Yes	LIKE	Language	N_A		12
LANGUAGE Input/Output Valid Values	ASSEMBLER C COBOL LE370 LEVSE PLI RPG N_A								
RELOAD	EYUDA	CPSM	4	Yes	LIKE	Reload new copy	NO		13
RELOAD Input/Output Valid Values	YES NO								
STATUS	CVDAS	CPSM	4	Yes	LIKE	Enabled status	ENABLED		14
STATUS Input/Output Valid Values	ENABLED DISABLED								

Table 380. PROGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
USELPACOPY	EYUDA	CPSM	4	Yes	LIKE	Use program from the link pack area (LPA)	NO		15
USELPACOPY Input/Output Valid Values	YES NO								
USAGE	EYUDA	CPSM	4	Yes	LIKE	Program storage release	NORMAL		16
USAGE Input/Output Valid Values	NORMAL TRANSIENT								
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	Residence status	NO		17
RESIDENT Input/Output Valid Values	YES NO								
REMTENAME	CHAR	CPSM	8	No	DIF	Program name in remote system			18
REMTESYSTEM	CHAR	CPSM	4	No	DIF	Remote system name			19
TRANSID	CHAR	CPSM	4	No	DIF	Mirror transaction name for remote attach			20
RSL	CHAR	CPSM	8	No	DIF	Resource security value	0	0-24	22
RSL Input/Output Valid Values	PUBLIC								
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Definition create time			23
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			24
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			25
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			26
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			27
DYNAMIC	EYUDA	CPSM	4	Yes	LIKE	Dynamic routing status	NO		29
DYNAMIC Input/Output Valid Values	YES NO								
CONCURRENCY	EYUDA	CPSM	4	Yes	LIKE	Concurrency status	N_A		30

Resource table descriptions

Table 380. PROGDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CONCURRENCY Input/Output Valid Values	N_A QUASIRENT THREADSAFE								
JVM	EYUDA	CPSM	4	Yes	LIKE	Java virtual machine (JVM) mode	NO		31
JVM Input/Output Valid Values	YES NO DEBUG								
JVMCLASS	CHAR	CPSM	255	No	DIF	Java virtual machine (JVM) class			32
HOTPOOL	EYUDA	CPSM	4	Yes	LIKE	Hot pooling status	NO		34
HOTPOOL Input/Output Valid Values	YES NO								
JVMPROFILE	CHAR	CPSM	8	No	DIF	Java virtual machine (JVM) profile	DFHJVMPR		35
API	EYUDA	CPSM	4	Yes	LIKE	Application program interfaces	CICSAPI		36
API Input/Output Valid Values	CICSAPI OPENAPI								

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.

PHASEIN

Phase in a new copy of the program.

These actions require no unique parameter data.

Notes:

1. In a CICS TS environment 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 8000 to the value returned by CICS.
2. In a CICS/VSE environment, the attribute values for:
 - LPASTAT(SVA)
 - LPASTAT(NOTSVA)

do not match the CVDA values returned by CICS. The values returned by CICS conflict with CVDA values in other CICS environments. In order to retain the attributes' uniqueness, CICSplex SM adds 9000 to the values returned by CICS.

Note:

Length	464
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0017 or PROGRAM
Valid API operations	GET SET and PERFORM

API Actions

DISABLE Disable

Parameters: None

DISCARD Discard

Parameters: None

ENABLE Enable

Parameters: None

NEWCOPY New copy

Resource table descriptions

PHASEIN

Parameters: None
Phase in

Parameters: None

Table 381. PROGRAM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved			
PROGRAM-1	CHAR	INQ	8	DIF		Program name			1
LANGUAGE	CVDAS	INQ	4	LIKE		Language			2
LANGUAGE Output Valid Values	COBOL C LE370 PLIPL1 ASSEMBLER NOTDEFINED NOTAPPLIC LEVSE								
NEWCOPYCNT	BINARY	STAT	4	AVG		Number of NEWCOPY requests issued			3
USECOUNT	CODEDBIN	INQ	4	N/A		Total number of times program was executed			4
USEAGELSTAT	BINARY	STAT	4	AVG		Number of times program was used since last reset			5
RESCOUNT	CODEDBIN	INQ	4	N/A		Number of times program currently accessed			6
FETCHCNT	BINARY	STAT	4	AVG		Number of times program loaded into storage			7
STATUS	CVDAS	INQ	4	LIKE	yes	Enabled status			8
STATUS Input/Output Valid Values	ENABLED DISABLED								
HOLDSTATUS	CVDAS	INQ	4	LIKE		Hold status			9
HOLDSTATUS Output Valid Values	HOLD NOHOLD NOTAPPLIC								
SHARESTATUS	CVDAS	INQ	4	LIKE	yes	Share status			10
SHARESTATUS Input/Output Valid Values	PRIVATE SHARED								

Resource table descriptions

Table 381. PROGRAM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
SHARESTATUS Output Valid Values	NOTAPPLIC								
LENGTH	CODEDBIN	INQ	4	MAX		Program length			11
RPLID	BINARY	STAT	4	AVG		RPL data set number			12
LPASTAT	CVDAS	INQ	4	LIKE		Link pack area (LPA) status			13
LPASTAT Output Valid Values	LPA NOTLPA NOTAPPLIC SVA NOTSVA								
CEDFSTATUS	CVDAS	INQ	4	LIKE	yes	CEDF status			14
CEDFSTATUS Input/Output Valid Values	CEDF NOCEDF								
CEDFSTATUS Output Valid Values	NOTAPPLIC								
PROGTYPE	CVDAS	INQ	4	LIKE		Program type			15
PROGTYPE Output Valid Values	PROGRAM MAP PARTITIONSET								
DATALOCATION	CVDAS	INQ	4	LIKE		Data location			16
DATALOCATION Output Valid Values	BELOW ANY NOTAPPLIC								
FETCHTIME	INT16US	STAT	4	MAX		Total time for all program fetches			17
REMOVECNT	BINARY	STAT	4	AVG		Number of times removed by program compression			18
EXECKEY	CVDAS	INQ	4	LIKE		Program execution key			19
EXECKEY Output Valid Values	CICSEXECKEY USEREXECKEY NOTAPPLIC								
EXECUTIONSET	CVDAS	INQ	4	LIKE	yes	API subset restriction type			20

Table 381. PROGRAM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID				
EXECUTIONSET Input/Output Valid Values	DPLSUBSET	FULLAPI											
EXECUTIONSET Output Valid Values	NOTAPPLIC												
ENTRYPOINT	ADDRESS	INQ	4	MAX		Program entry point			21				
LOADPOINT	ADDRESS	INQ	4	MAX		Program load point			22				
COBOLTYPE	CVDAS	INQ	4	LIKE		COBOL type			23				
COBOLTYPE Output Valid Values	COBOL	COBOLII	NOTINIT	NOTAPPLIC									
RE MOTENAME	CHAR	INQ	8	DIF		Program name in remote system			24				
RE MOTESYSTEM	CHAR	INQ	4	DIF		Remote system name			25				
TRANSID	CHAR	INQ	4	DIF		Mirror transaction name for remote attach			26				
CURRENTLOC	EYUDA	STAT	4	LIKE		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
COPY	CVDAS	INQ	4	LIKE	yes	New-copy-required status			28				
COPY Input Valid Values	NEWCOPY	PHASEIN											
COPY Output Valid Values	REQUIRED	NOTREQUIRED											
DYNAMSTATUS	CVDAS	INQ	4	LIKE		Dynamic routing type			29				
DYNAMSTATUS Output Valid Values	DYNAMIC	NOTDYNAMIC											
CONCURRENCY	CVDAS	INQ	4	LIKE		Threadsafe option			30				

Resource table descriptions

Table 381. PROGRAM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
CONCURRENCY Output Valid Values	THREADSAFE	QUASIRENT							
RUNTIME	CVDAS	INQ	4	LIKE	yes	Runtime environment information			31
RUNTIME Input/Output Valid Values	JVM								
RUNTIME Input Valid Values	NOJVM								
RUNTIME Output Valid Values	UNKNOWN	LE370	NONLE370	NOTAPPLIC	XPLINK				
JVMDEBUG	CVDAS	INQ	4	LIKE	yes	Java virtual machine (JVM) debug status			32
JVMDEBUG Input/Output Valid Values	DEBUG	NODEBUG							
JVMCLASS	CHAR	INQ	255	DIF	yes	Java virtual machine class			33
HOTPOOLING	CVDAS	INQ	4	LIKE	yes	Hot pooling status	E640 and higher	E640 and higher	35
HOTPOOLING Input/Output Valid Values	HOTPOOL	NOTHOTPOOL							
HOTPOOLING Output Valid Values	NOTAPPLIC								
JVMPROFILE	CHAR	INQ	8	DIF	yes	Java virtual machine (JVM) profile name	E530	E530 and E620	36
ALOADTIME	INT16US	CPSM	4	AVG		Average load time			37
USEFETCH	AVERAGE3	CPSM	8	AVG		Average number of program uses per fetch			38
RLOADING	RATE3	CPSM	8	AVG		Rate of program loading			39
RREMOVAL	RATE3	CPSM	8	AVG		Rate of program removal			40

Table 381. PROGRAM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
RUSE	RATE3	CPSM	8	AVG		Rate of program use			41
PGRJUSECOUNT	BINARY	STAT	4	AVG		Number of times JVM program used since last reset	E530 and E620		44
APIST	CVDAS	INQ	4	LIKE		API status	E530, E620 and E630		45
APIST Output Valid Values	CICSAPI OPENAPI								

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.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6153 or PROINGRP
Valid API operations	GET CREATE and REMOVE

Table 382. PROINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 383. PROINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
PROFGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
PROFNAME-2	CHAR	CPSM	8	Yes	DIF	Profile definition name	6
PROFVER-3	BINARY	CPSM	1	Yes	AVG	Profile definition version	7

PRTNDEF Resource Table

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

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

The following actions are supported:

INSTALL

Install a Partition Set Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	136
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3807 or PRTNDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	GET [CICSSYS] [RESGROUP] CREATE [RESGROUP]

API Actions

INSTALL	Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTOGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 384. PRTNDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string term
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed
INV_NAME	Invalid name	NOTIFY	Notify

Resource table descriptions

Table 384. PRTNDEF FEEDBACK error codes (continued)

INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid oertype	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Table 385. PRTNDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	Partition set definition name			7
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	Residence status	NO		8
RESIDENT Input/Output Valid Values	YES NO								
STATUS	CVDAS	CPSM	4	Yes	LIKE	Partition set status	ENABLED		9
STATUS Input/Output Valid Values	ENABLED DISABLED								
USAGE	EYUDA	CPSM	4	Yes	LIKE	Partition set storage release	NORMAL		10
USAGE Input/Output Valid Values	NORMAL TRANSIENT								
USELPACOPY	EYUDA	CPSM	4	Yes	LIKE	Use copy of partition set from link pack area (LPA)	NO		11
USELPACOPY Input/Output Valid Values	YES NO								
RSL	CHAR	CPSM	8	No	DIF	Resource security value	0	0-24	12
RSL Input/Output Valid Values	PUBLIC								
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Definition create time			13
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			14
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			15
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			16
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			17

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** .

Length 1248
Usage API or Batch Utility
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Definition
Copybook identifier EYUt3520 or RASGNDEF
Valid API operations GET CREATE UPDATE REMOVE and PERFORM

API Actions
ADDTODSC

Add to Resource description

PARM(' RESDESC(*value*) [DESCRIPTION(*value*)]
 [RESGROUP(*value*)] [TSCOPE(*value*)]
 [RSCOPE(*value*)] .')

Table 386. RASGNDEF FEEDBACK error codes

Code	Description	Code	Description
INCOMPLETE_DEFSET	Incomplete definition set	INV_RESTYPE	Invalid resource type
INCONSISTENT_SCOPES	Inconsistent scopes	NON_MP	Maintenance point CMAS not available
INCONSISTENT_SET	Inconsistent set condition	RASGNDEF_IN_USE	Resource assignment definition in use
INV_ACTION	Invalid action	REC_CHANGED	Resource definition already changed
INV_CONTEXT	Context not found	REC_EXISTS	Resource already exists
INV_DATA	Attribute data invalid	REC_NOT_FOUND	Requested resource not found
INV_NAME	Name generic or blanks	REFASSIGN_NOTFND	Referenced resource assignment not found
INV_RECORD	Invalid record		

Table 387. RASGNDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed		1
RESASSGN-1	CHAR	CPSM	8	Yes	DIF	Resource assignment definition name		5
TSCOPE	CHAR	CPSM	8	No	DIF	Target scope name		6
RSCOPE	CHAR	CPSM	8	No	DIF	Related scope name		7
RESGROUP	CHAR	CPSM	8	No	DIF	Resource group name		8
RDEFTYPE	CHAR	CPSM	8	Yes	DIF	Type of resource to be processed by assignment		9

Table 387. RASGNDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Attr ID
REFASSGN	CHAR	CPSM	8	No	DIF	Referenced resource assignment name		10
USAGE	EYUDA	CPSM	4	Yes	LIKE	Resource usage type		11
USAGE Input/Output Valid Values	LOCAL REMOTE							
MODE	EYUDA	CPSM	4	Yes	LIKE	Resource usage qualifier	N_A	12
MODE Input/Output Valid Values	AUTO DYNAM EXTRA INTRA IND STAT N_A							
OVERRIDE	EYUDA	CPSM	4	Yes	LIKE	Scope that override is applied to	NONE	13
OVERRIDE Input/Output Valid Values	BOTH RELATED TARGET NONE							
FILTER	CHAR	CPSM	800	No	DIF	Filter string		15
ORSTRING	CHAR	CPSM	320	No	DIF	Override string		17
DESCRIPTION	CHAR	CPSM	58	No	DIF	Description		18

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.

Length	112
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt4866 or RASINDSC
Valid API operations	GET CREATE UPDATE and REMOVE

Table 388. RASINDSC FEEDBACK error codes

Code	Description	Code	Description
INCOMPLETE_DEFSET	Incomplete definition set	INV_RECORD	Invalid record
INCONSISTENT_SCOPES	Inconsistent scopes	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set condition	NON_MP	Maintenance point CMAS not available
INV_ACTION	Invalid action	REC_CHANGED	Resource definition already changed
INV_CONTEXT	Context not found	REC_EXISTS	Resource already exists
INV_DATA	Attribute data invalid	REC_NOT_FOUND	Requested resource not found
INV_MINNAME	Invalid minor name	REFASSIGN_NOTFND	Referenced resource assignment not found
INV_NAME	Invalid name		

Table 389. RASINDSC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
RESDESC-1	CHAR	CPSM	8	Yes	DIF	Resource description (RESDESC) name	5
RESASSGN-2	CHAR	CPSM	8	Yes	DIF	Resource assignment (RASGNDEF) name	6
TSCOPE	CHAR	CPSM	8	No	DIF	Target scope name	7
RSOPE	CHAR	CPSM	8	No	DIF	Related scope name	8
RESGROUP	CHAR	CPSM	8	No	DIF	Resource group name	9
DESCRIPTION	CHAR	CPSM	58	No	DIF	Description	10

RASPROC Resource Table

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

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

APAR PQ30578

Documentation for APAR PQ30578 added 18/04/2000

```
PARM('RASGNDEF(resassign).')
```

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

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

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

There are no object specific actions for this resource class.

Length	88
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2610 or RASPROC
Valid API operations	GET

Table 390. RASPROC FEEDBACK error codes

Code	Description	Code	Description
RESASSGN_NOT_FOUND	Resource assignment not found		

Table 391. RASPROC resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
RESDEF-1	CHAR	CPSM	8	DIF	Resource definition name	4
RDEFTYPE-2	CHAR	CPSM	8	DIF	Resource definition type	5
TSCOPE-3	CHAR	CPSM	8	DIF	Target scope name	6
RSCOPE-4	CHAR	CPSM	8	DIF	Related scope name	7
RESASSGN-6	CHAR	CPSM	8	DIF	Resource assignment name	8
RESGROUP	CHAR	CPSM	8	DIF	Resource group name	9
USAGE	EYUDA	CPSM	4	LIKE	Resource usage type	10

Resource table descriptions

Table 391. RASPROC resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
USAGE Output Valid Values	LOCAL REMOTE					
MODE	EYUDA	CPSM	4	LIKE	Resource usage qualifier	11
MODE Output Valid Values	AUTO DYNAM EXTRA INTRA IND STAT					
DEFVER	BINARY	CPSM	1	AVG	Resource definition version	12
REFDEF-5	CHAR	CPSM	8	DIF	Referenced definition name	13
REFVER	CHAR	CPSM	2	DIF	Referenced definition version	14
REFTYPE	CHAR	CPSM	8	DIF	Referenced definition type	15
ALIAS	CHAR	CPSM	8	DIF	Alias for remote definition	16

RDSCPROC Resource Table

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

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

APAR PQ30578

Documentation for APAR PQ30578 added 18/04/2000

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

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

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

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

There are no object specific actions for this resource class.

Length	96
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2609 or RDSCPROC
Valid API operations	GET

Table 392. RDSCPROC FEEDBACK error codes

Code	Description	Code	Description
RESDESC_NOT_FOUND	Resource description not found		

Table 393. RDSCPROC resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
RESDEF-1	CHAR	CPSM	8	DIF	Resource definition name	4
RDEFTYPE-2	CHAR	CPSM	8	DIF	Resource definition type	5
TSCOPE-3	CHAR	CPSM	8	DIF	Target scope name	6
RSCOPE-4	CHAR	CPSM	8	DIF	Related scope name	7
# RESASSGN-7	CHAR	CPSM	8	DIF	Resource assignment name	8
# RESGROUP-8	CHAR	CPSM	8	DIF	Resource group name	9
RESDESC-6	CHAR	CPSM	8	DIF	Resource description name	10
USAGE	EYUDA	CPSM	4	LIKE	Resource usage type	11

Resource table descriptions

Table 393. RDSCPROC resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
USAGE Output Valid Values	LOCAL REMOTE					
MODE	EYUDA	CPSM	4	LIKE	Resource usage qualifier	12
MODE Output Valid Values	AUTO DYNAM EXTRA INTRA IND STAT					
DEFVER	BINARY	CPSM	1	AVG	Resource definition version	13
REFDEF-5	CHAR	CPSM	8	DIF	Referenced definition name	14
REFVER	CHAR	CPSM	2	DIF	Referenced definition version	15
REFTYPE	CHAR	CPSM	8	DIF	Referenced definition type	16
ALIAS	CHAR	CPSM	8	DIF	Alias for remote definition	17

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.

Length	152
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0124 or RECOVERY
Valid API operations	GET

Table 394. RECOVERY resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
RMGSYFWD	BINARY	STAT	4	AVG	Number of SYNCPOINT requests issued	5
RMGSYBWD	BINARY	STAT	4	AVG	Number of SYNCPOINT ROLLBACK requests issued	6
RMGRESYN	BINARY	STAT	4	AVG	Total resynchronization requests issued	7
RMGTSHIN	BINARY	STAT	4	AVG	Total number of UOWs shunted for indoubt failure	8
RMGCSHIN	BINARY	STAT	4	AVG	Total UOWs currently shunted for indoubt failure	9
RMGTSHRO	BINARY	STAT	4	AVG	Total of UOWs shunted for commit/backout failure	10
RMGCSHRO	BINARY	STAT	4	AVG	Current UOWs shunted for commit/backout failure	11
RMGTSHTI	INTSTCK	STAT	8	MAX	Total time UOWs shunted for indoubt failure	13
RMGCSHTI	INTSTCK	STAT	8	MAX	Time current UOWs shunted for indoubt failure	14
RMGTSHTR	INTSTCK	STAT	8	MAX	Total time UOWs shunted for commit/backout failure	15
RMGCSHTR	INTSTCK	STAT	8	MAX	Current UOW shunt time for commit/backout failure	16
RMGIAFTR	BINARY	STAT	4	AVG	Total indoubt actions forced by definition	17
RMGIAFTI	BINARY	STAT	4	AVG	Total of indoubt actions forced by timeout	18
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
RMGIAMIS	BINARY	STAT	4	AVG	Total number of indoubt action mismatches	22
RMGNWTD	BINARY	STAT	4	AVG	Total indoubt actions forced by TD NOWAIT option	23
RMGNW61	BINARY	STAT	4	AVG	Total indoubt actions forced by LU61 NOWAIT option	24

Resource table descriptions

Table 394. RECOVERY resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
RMGNWMRO	BINARY	STAT	4	AVG	Total indoubt actions forced by MRO NOWAIT option	25
RMGNWRMI	BINARY	STAT	4	AVG	Total indoubt actions forced by RMI NOWAIT option	26
RMGNWOTH	BINARY	STAT	4	AVG	Total indoubt actions forced by other NOWAIT	27
RMGATSHTI	INTSTCK	STAT	8	AVG	Average time UOWs shunted for indoubt failure	29
RMGCATSHTI	INTSTCK	STAT	8	AVG	Average current UOW shunt time for indoubt failure	30
RMGATSHTR	INTSTCK	STAT	8	AVG	Average UOW commit/backout failure shunt time	31
RMGCATSHTR	INTSTCK	STAT	8	AVG	Average current commit/backout failure shunt time	32

REMFIL Resource Table

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

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

The following action is supported:

DISCARD

Remove the installed Remote File

The DISCARD action requires no unique parameter data.

Length	72
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0010 or REMFILE
Valid API operations	GET and PERFORM

API Actions

DISCARD	Discard
----------------	---------

Parameters: None

Resource table descriptions

Table 395. REMFILE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
FILE-1	CHAR	INQ	8	DIF	File ID		1
REMO TENAME	CHAR	INQ	8	DIF	Remote file name		2
REMOTESYSTEM	CHAR	INQ	4	DIF	Remote system name		3
ENABLESTATUS	CVDAS	INQ	4	LIKE	Enable status		4
ENABLESTATUS Output Valid Values	ENABLED DISABLED UNENABLED DISABLING						
KEYLENGTH	BINARY	INQ	4	AVG	Key length		5
REMDL CNT	BINARY	STAT	4	AVG	Number of DELETE requests		6
GETCNT	BINARY	STAT	4	AVG	Number of READ requests		7
GETUPDCNT	BINARY	STAT	4	AVG	Number of READ UPDATE requests		8
BROWSECNT	BINARY	STAT	4	AVG	Number of browse requests		9
ADDCNT	BINARY	STAT	4	AVG	Number of WRITE requests		10
UPDATECNT	BINARY	STAT	4	AVG	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.

Length	32
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0029 or REMTDQ
Valid API operations	GET and PERFORM

API Actions

DISCARD	Discard
----------------	---------

Parameters: None

Resource table descriptions

Table 396. REMTDQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
TDQUEUE-1	CHAR	INQ	4	DIF	Queue ID		1
REMOTENAME	CHAR	INQ	4	DIF	Remote name		2
REMOTESYSTEM	CHAR	INQ	4	DIF	Remote system		3
OUTCNT	BINARY	STAT	4	AVG	Number of READ, WRITE, and DELETE requests		4

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.

Length	96
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0023 or REMTRAN
Valid API operations	GET SET and PERFORM

API Actions

DISABLE Disable

Parameters: None

DISCARD Discard

Parameters: None

ENABLE Enable

Parameters: None

Table 397. REMTRAN FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid		

Resource table descriptions

Table 398. REMTRAN resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved			
TRANID-1	CHAR	INQ	4	DIF		Transaction ID			1
REMO TENAME	CHAR	INQ	8	DIF		Remote transaction ID			2
REMOTESYSTEM	CHAR	INQ	4	DIF		Remote system name			3
PROFILE	CHAR	INQ	8	DIF		Profile name			4
TRPROF	CHAR	INQ	8	DIF		Name of transaction-routing-session profile			5
ROUTING	CVDAS	INQ	4	LIKE		Routing status			6
ROUTING Output Valid Values	DYNAMIC STATIC								
REMOTE CNT	BINARY	STAT	4	AVG		Number of times transaction run remotely			7
USECOUNT	BINARY	STAT	4	AVG		Number of times transaction has been used			8
PRIORITY	BINARY	INQ	4	AVG	yes	Transaction priority			9
PURGEABILITY	CVDAS	INQ	4	LIKE	yes	Purgeability status			10
PURGEABILITY Input/Output Valid Values	PURGEABLE NOTPURGEABLE								
RTIMEOUT	BINARY	INQ	4	AVG		Read timeout (seconds)			11
SCRNSIZE	CVDAS	INQ	4	LIKE		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	DIF	yes	Transaction class name			14

Table 398. REMTRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
REMSTARTCNT	CODEDBIN	STAT	4	N/A		Number of times transaction started			15

REQID Resource Table

A CICS Resource that describes an outstanding interval control request in an active CICS/ESA 4.1 or later system being managed by CICSplex SM.

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

Length 72
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Resource
Copybook identifier EYUt0060 or REQID
Valid API operations GET and PERFORM

API Actions
CANCEL Cancel

Parameters: None

Table 399. REQID resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	INQ	8	MIN	Request name	1
TRANSID	CHAR	INQ	4	DIF	TRANSID specified by command creating request	2
REQTYPE	CVDAS	INQ	4	LIKE	Type of command that created request	3
REQTYPE Output Valid Values	START POST DELAY					
USERID	CHAR	INQ	8	DIF	Associated user ID	4
TERMID	CHAR	INQ	4	DIF	TERMID from START command that created request	5
RTRANSID	CHAR	INQ	4	DIF	RTRANSID from START command that created request	6
RTERMID	CHAR	INQ	4	DIF	RTERMID from START command that created request	7
QUEUE	CHAR	INQ	8	DIF	QUEUE from START command that created request	8
FMHSTATUS	CVDAS	INQ	4	LIKE	Function management headers status	9
FMHSTATUS Output Valid Values	FMH NOFMH NOTAPPLIC					
INTERVAL	DECTIMES	INQ	4	MAX	Interval until request expires	10
TIME	DECTIMES	INQ	4	MAX	Expiration time	11

RESDESC Resource Table

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

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

The following actions are supported:

INSTALL

Install a Resource Description.

REPLACE

Replace a Resource Description.

The parameter data for these actions is described in “Parameters for installing CICS Definitions” on page 6. For information about the API CREATE parameter, MODEL see “Creating resource descriptions” on page 4.

Length	944
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt3521 or RESDESC
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM

API Actions

INSTALL	Install
	PARM(' [NOTIFY(<i>value</i>)] [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] .')
REPLACE	Replace
	PARM(' [NOTIFY(<i>value</i>)] CURRENT(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] .')

Table 400. RESDESC FEEDBACK error codes

Code	Description	Code	Description
INCOMPLETE_DEFSET	Incomplete definition set	INV_REPRDSC	Invalid replacement resource description name
INCONSISTENT_SCOPES	Inconsistent scopes	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INSRDSC_NOTFND	Install resource description not found	NODEFS_SELECTED	No definitions selected
INV_ACTION	Invalid action	NON_MP	Maintenance point CMAS not available
INV_CONTEXT	Context not found	NOTHING_INSTALLED	Nothing installed
INV_DATA	Attribute data invalid	NOTIFY	Notify
INV_FORCEINS	Invalid force install	NO_TARGETS	No targets
INV_INSRDSC	Invalid install resource description name	PARTIAL_INSTALL	Partial install
INV_MODEL	Invalid model	REC_CHANGED	Resource definition already changed

Resource table descriptions

Table 400. RESDESC FEEDBACK error codes (continued)

INV_NAME	Name generic or blanks	REC_EXISTS	Resource already exists
INV_NOTIFY	Invalid notify	REC_NOT_FOUND	Requested resource not found
INV_RECORD	Invalid record	REPRDSC_NOTFND	Replacement resource description not found

Table 401. RESDESC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition changed		1
RESDESC-1	CHAR	CPSM	8	Yes	DIF	Resource description name		5
LSCOPE	CHAR	CPSM	8	No	DIF	Logical scope name		6
RGSCOPE	CHAR	CPSM	8	No	DIF	Resource group scope name		7
LSREGSTR	EYUDA	CPSM	4	No	LIKE	Logical scope registration	NO	8
LSREGSTR Input/Output Valid Values	NO YES							
AUTOINST	EYUDA	CPSM	4	No	LIKE	Autoinstall request type	NO	9
AUTOINST Input/Output Valid Values	NO YES							
DESCRIPTION	CHAR	CPSM	58	No	DIF	Description		10
CONDEFRG	CHAR	CPSM	8	No	DIF	Resource group for connection definitions		11
CONDEFTS	CHAR	CPSM	8	No	DIF	Target scope for connection definitions		12
CONDEFRS	CHAR	CPSM	8	No	DIF	Related scope for connection definitions		13
FLEDEFRG	CHAR	CPSM	8	No	DIF	Resource group for file definitions		14
FLEDEFTS	CHAR	CPSM	8	No	DIF	Target scope for file definitions		15
FLEDEFRS	CHAR	CPSM	8	No	DIF	Related scope for file definitions		16
JRLDEFRG	CHAR	CPSM	8	No	DIF	Resource group for journal definitions		17
JRLDEFTS	CHAR	CPSM	8	No	DIF	Target scope for journal definitions		18
JRLDEFRS	CHAR	CPSM	8	No	DIF	Related scope for journal definitions		19
JRMDEFRG	CHAR	CPSM	8	No	DIF	Resource group for journal model definitions		20
JRMDEFTS	CHAR	CPSM	8	No	DIF	Target scope for journal model definitions		21
JRMDEFRS	CHAR	CPSM	8	No	DIF	Related scope for journal model definitions		22

Table 401. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Attr ID
LSRDEFRG	CHAR	CPSM	8	No	DIF	Resource group for LSR pool definitions		23
LSRDEFTS	CHAR	CPSM	8	No	DIF	Target scope for LSR pool definitions		24
LSRDEFRS	CHAR	CPSM	8	No	DIF	Related scope for LSR pool definitions		25
MAPDEFRG	CHAR	CPSM	8	No	DIF	Resource group for map set definitions		26
MAPDEFTS	CHAR	CPSM	8	No	DIF	Target scope for map set definitions		27
MAPDEFRS	CHAR	CPSM	8	No	DIF	Related scope for map set definitions		28
PARDEFRG	CHAR	CPSM	8	No	DIF	Resource group for partner definitions		29
PARDEFTS	CHAR	CPSM	8	No	DIF	Target scope for partner definitions		30
PARDEFRS	CHAR	CPSM	8	No	DIF	Related scope for partner definitions		31
PRTDEFRG	CHAR	CPSM	8	No	DIF	Resource group for partition set definitions		32
PRTDEFTS	CHAR	CPSM	8	No	DIF	Target scope for partition set definitions		33
PRTDEFRS	CHAR	CPSM	8	No	DIF	Related scope for partition set definitions		34
PRODEFRG	CHAR	CPSM	8	No	DIF	Resource group for profile definitions		35
PRODEFTS	CHAR	CPSM	8	No	DIF	Target scope for profile definitions		36
PRODEFRS	CHAR	CPSM	8	No	DIF	Related scope for profile definitions		37
PRGDEFRG	CHAR	CPSM	8	No	DIF	Resource group for program definitions		38
PRGDEFTS	CHAR	CPSM	8	No	DIF	Target scope for program definitions		39
PRGDEFRS	CHAR	CPSM	8	No	DIF	Related scope for program definitions		40
SESDEFRG	CHAR	CPSM	8	No	DIF	Resource group for session definitions		41
SESDEFTS	CHAR	CPSM	8	No	DIF	Target scope for session definitions		42
SESDEFRS	CHAR	CPSM	8	No	DIF	Related scope for session definitions		43
TDQDEFRG	CHAR	CPSM	8	No	DIF	Resource group for TD queue definitions		44
TDQDEFTS	CHAR	CPSM	8	No	DIF	Target scope for TD queue definitions		45

Resource table descriptions

Table 401. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Attr ID
TDQDEFRS	CHAR	CPSM	8	No	DIF	Related scope for TD queue definitions		46
TRMDEFRG	CHAR	CPSM	8	No	DIF	Resource group for terminal definitions		47
TRMDEFTS	CHAR	CPSM	8	No	DIF	Target scope for terminal definitions		48
TRMDEFRS	CHAR	CPSM	8	No	DIF	Related scope for terminal definitions		49
TRNDEFRG	CHAR	CPSM	8	No	DIF	Resource group for transaction definitions		50
TRNDEFTS	CHAR	CPSM	8	No	DIF	Target scope for transaction definitions		51
TRNDEFRS	CHAR	CPSM	8	No	DIF	Related scope for transaction definitions		52
TCLDEFRG	CHAR	CPSM	8	No	DIF	Resource group for transaction class definitions		53
TCLDEFTS	CHAR	CPSM	8	No	DIF	Target scope for transaction class definitions		54
TCLDEFRS	CHAR	CPSM	8	No	DIF	Related scope for transaction class definitions		55
TYPDEFRG	CHAR	CPSM	8	No	DIF	Resource group for typeterm definitions		59
TYPDEFTS	CHAR	CPSM	8	No	DIF	Target scope for typeterm definitions		60
TYPDEFRS	CHAR	CPSM	8	No	DIF	Related scope for typeterm definitions		61
D2CDEFRG	CHAR	CPSM	8	No	DIF	Resource group for DB2 connection definitions		62
D2CDEFTS	CHAR	CPSM	8	No	DIF	Target scope for DB2 connection definitions		63
D2CDEFRS	CHAR	CPSM	8	No	DIF	Related scope for DB2 connection definitions		64
D2EDEFRG	CHAR	CPSM	8	No	DIF	Resource group for DB2 entry definitions		65
D2EDEFTS	CHAR	CPSM	8	No	DIF	Target scope for DB2 entry definitions		66
D2EDEFRS	CHAR	CPSM	8	No	DIF	Related scope for DB2 entry definitions		67
D2TDEFRG	CHAR	CPSM	8	No	DIF	Resource group for DB2 transaction definitions		68
D2TDEFTS	CHAR	CPSM	8	No	DIF	Target scope for DB2 transaction definitions		69
D2TDEFRS	CHAR	CPSM	8	No	DIF	Related scope for DB2 transaction definitions		70
FSGDEFRG	CHAR	CPSM	8	No	DIF	Resource group for file key segment definitions		71

Table 401. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Attr ID
FSGDEFTS	CHAR	CPSM	8	No	DIF	Target scope for file key segment definitions		72
FSGDEFRS	CHAR	CPSM	8	No	DIF	Related scope for file key segment definitions		73
TSMDEFRG	CHAR	CPSM	8	No	DIF	Resource group for TS model definitions		75
TSMDEFTS	CHAR	CPSM	8	No	DIF	Target scope for TS model definitions		76
TSMDEFRS	CHAR	CPSM	8	No	DIF	Related scope for TS model definitions		77
ENQDEFRG	CHAR	CPSM	8	No	DIF	Resource group for enqueue model definitions		78
ENQDEFTS	CHAR	CPSM	8	No	DIF	Target scope for enqueue model definitions		79
ENQDEFRS	CHAR	CPSM	8	No	DIF	Related scope for enqueue model definitions		80
TCPDEFRG	CHAR	CPSM	8	No	DIF	Resource group for TCP/IP service definitions		81
TCPDEFTS	CHAR	CPSM	8	No	DIF	Target scope for TCP/IP service definitions		82
TCPDEFRS	CHAR	CPSM	8	No	DIF	Related scope for TCP/IP service definitions		83
DOCDEFRG	CHAR	CPSM	8	No	DIF	Resource group for document template definitions		84
DOCDEFTS	CHAR	CPSM	8	No	DIF	Target scope for document template definitions		85
DOCDEFRS	CHAR	CPSM	8	No	DIF	Related scope for document template definitions		86
PRCDEFRG	CHAR	CPSM	8	No	DIF	Resource group for process type definitions		87
PRCDEFTS	CHAR	CPSM	8	No	DIF	Target scope for process type definitions		88
PRCDEFRS	CHAR	CPSM	8	No	DIF	Related scope for process type definitions		89
RQMDEFRG	CHAR	CPSM	8	No	DIF	Resource group for request model definitions		90
RQMDEFTS	CHAR	CPSM	8	No	DIF	Target scope for request model definitions		91
RQMDEFRS	CHAR	CPSM	8	No	DIF	Related scope for request model definitions		92
FPODEFRG	CHAR	CPSM	8	No	DIF	Resource group for FEPI pool definitions		93
FPODEFTS	CHAR	CPSM	8	No	DIF	Target scope for FEPI pool definitions		94
FPODEFRS	CHAR	CPSM	8	No	DIF	Related scope for FEPI pool definitions		95

Resource table descriptions

Table 401. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Attr ID
FTRDEFGRG	CHAR	CPSM	8	No	DIF	Resource group for FEPI target definitions		96
FTRDEFSTS	CHAR	CPSM	8	No	DIF	Target scope for FEPI target definitions		97
FTRDEFTRS	CHAR	CPSM	8	No	DIF	Related scope for FEPI target definitions		98
FNODEFRG	CHAR	CPSM	8	No	DIF	Resource group for FEPI node definitions		99
FNODESTS	CHAR	CPSM	8	No	DIF	Target scope for FEPI node definitions		100
FNODETRS	CHAR	CPSM	8	No	DIF	Related scope for FEPI node definitions		101
FPRDEFGRG	CHAR	CPSM	8	No	DIF	Resource group for FEPI property set definitions		102
FPRDEFSTS	CHAR	CPSM	8	No	DIF	Target scope for FEPI property set definitions		103
FPRDEFTRS	CHAR	CPSM	8	No	DIF	Related scope for FEPI property set definitions		104
EJCDEFGRG	CHAR	CPSM	8	No	DIF	Resource group for CorbaServer definitions		105
EJCDEFSTS	CHAR	CPSM	8	No	DIF	Target scope for CorbaServer definitions		106
EJCDEFTRS	CHAR	CPSM	8	No	DIF	Related scope for CorbaServer definitions		107
EJDDEFGRG	CHAR	CPSM	8	No	DIF	Resource group for CICS-deployed JAR file definitions		108
EJDDEFSTS	CHAR	CPSM	8	No	DIF	Target scope for CICS-deployed JAR file definitions		109
EJDDEFTRS	CHAR	CPSM	8	No	DIF	Related scope for CICS-deployed JAR file definitions		110
PIPDEFGRG	CHAR	CPSM	8	No	DIF	Resource group for Pipeline definitions		111
PIPDEFSTS	CHAR	CPSM	8	No	DIF	Target scope for Pipeline definitions		112
PIPDEFTRS	CHAR	CPSM	8	No	DIF	Related scope for Pipeline definitions		113
URIDEFRG	CHAR	CPSM	8	No	DIF	Resource group for URIMAP definitions		114
URIDESTS	CHAR	CPSM	8	No	DIF	Target scope for URIMAP definitions		115
URIDETRS	CHAR	CPSM	8	No	DIF	Related scope for URIMAP definitions		116
WEBDEFGRG	CHAR	CPSM	8	No	DIF	Resource group for WebService definitions		117

Table 401. RESDESC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Attr ID
WEBDEFTS	CHAR	CPSM	8	No	DIF	Target scope for WebService definitions		118
WEBDEFRS	CHAR	CPSM	8	No	DIF	Related scope for WebService definitions		119

RESGROUP Resource Table

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

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

The following actions are supported:

INSTALL

Install definitions from a Resource Group.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

For information on the API CREATE parameters (MODEL and MODE), see “Parameters for managing CICS Definitions” on page 4.

Length	80
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt3519 or RESGROUP
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM

API Actions

INSTALL	Install
	PARM(' [RESTYPE(<i>value</i>)] [NOTIFY(<i>value</i>)] [USAGE(<i>value</i>)] [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] [CRITERIA(<i>filter</i>)] [ASSIGNMENT(<i>value</i>)] [REFASSIGN(<i>value</i>)] [TARGET(<i>value</i>)] [RELATED(<i>value</i>)] .')
ADDTODSC	Add to Resource description
	PARM(' RESDESC(<i>value</i>) [DESCRIPTION(<i>value</i>)] .')

Table 402. RESGROUP FEEDBACK error codes

Code	Description	Code	Description
INCOMPATIBLE_FILTER	Incompatible filter	INV_STATECHK	Invalid state check
INCOMPATIBLE_OVR	Incompatible override	INV_STRNGTERM	Invalid string terminator
INCOMPLETE_DEFSET	Incomplete definition set	INV_TSCOPE	Invalid target scope
INV_ACTION	Invalid action	INV_USAGE	Invalid usage
INV_ATTRIBUTE	Invalid attribute	MISSING_RELSYSID	Missing related system identifier
INV_CONTEXT	Context not found	MORE_THAN_1_RELSYS	More than one related system
INV_COPYRES	Invalid copy mode	NODEFS_SELECTED	No definitions selected
INV_DATA	Attribute data invalid	NON_MP	Maintenance point CMAS not available
INV_EMBEDTERM	Invalid embedded terminator	NOTHING_INSTALLED	Nothing installed

Table 402. RESGROUP FEEDBACK error codes (continued)

INV_FILTER	Invalid filter	NOTIFY	Notify
INV_FORCEINS	Invalid force install	NO_RELATED	No related systems
INV_LITERAL	Invalid literal	NO_TARGETS	No targets
INV_MAX_VERSIONS	Invalid maximum versions	PARTIAL_INSTALL	Partial install
INV_MODE	Invalid mode value	RASGNDEF_IN_USE	Resource assignment definition in use
INV_MODEL	Invalid model	REC_CHANGED	Resource definition already changed
INV_MODEL_REQUIRED	Model name required	REC_EXISTS	Resource already exists
INV_NAME	Invalid name	REC_NOT_FOUND	Requested resource not found
INV_NOTIFY	Invalid notify	REFASSGN_REQ	Referenced resource assignment required
INV_OPERATOR	Invalid operator	REFASSIGN_NOTFND	Referenced resource assignment not found
INV_ORSTGNA	Override string not allowed	RESGROUP_IN_USE	Resource group in use
INV_ORSTRING	Invalid override string	RESTYPE_NOTINSTL	Resource type not installed
INV_OVERTYPE	Invalid overtyp	RSCOPE_REQUIRED	Related scope required
INV_OVRBLOCK	Invalid override block	SCOPE_CONFLICT	Scope conflict
INV_RECORD	Invalid record	TSCOPE_REQUIRED	Target scope required
INV_RESTYPE	Invalid resource type	USAGE_CONFLICT	Usage conflict
INV_RSCOPE	Invalid related scope		

Table 403. RESGROUP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
RESGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
DESCRIPTION	CHAR	CPSM	58	No	DIF	Description	6

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.

Length	88
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt4865 or RESINDSC
Valid API operations	GET CREATE UPDATE and REMOVE

Table 404. RESINDSC FEEDBACK error codes

Code	Description	Code	Description
INCONSISTENT_SET	Inconsistent set condition	INV_RESTYPE	Invalid resource type
INV_ACTION	Invalid action	NON_MP	Maintenance point CMAS not available
INV_CONTEXT	Context not found	REC_CHANGED	Resource definition already changed
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name	RESDESC_NOUPD	Resource description not updatable
INV_RECORD	Invalid record	RESGROUP_NOUPD	Resource group not updatable

Table 405. RESINDSC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
RESDESC-1	CHAR	CPSM	8	Yes	DIF	Resource description name	5
RESGROUP-2	CHAR	CPSM	8	Yes	DIF	Resource group name	6
DESCRIPTION	CHAR	CPSM	58	No	DIF	Description	7

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.

Length	104
Usage	API
API view	Yes
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6144 or RESINGRP
Valid API operations	GET and REMOVE
Unsupported releases	E530, E620 and E630

Table 406. RESINGRP FEEDBACK error codes

Code	Description	Code	Description
INV_CONTEXT	Context not found	INV_VER	Invalid resource version
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_NAME	Invalid name	REC_NOT_FOUND	Requested resource not found
INV_RESTYPE	Invalid resource type		

Resource table descriptions

Table 407. RESINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time definition changed			1
RESGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name			5
DEFTYPE-2	CHAR	CPSM	8	Yes	DIF	Resource definition type			6
DEFNAME-3	CHAR	CPSM	8	Yes	DIF	Resource definition name			7
DEFVER-4	BINARY	CPSM	1	Yes	AVG	Resource definition version	0	0-15	8
DEFDESC	CHAR	CPSM	58	No	DIF	Resource definition description			9
DEFTYPEX	RESTYPE	CPSM	2	Yes	N/A	Resource definition ID			11
INGPTYPE	CHAR	CPSM	8	Yes	N/A	Resource in group type			12
INGPTYPX	RESTYPE	CPSM	2	Yes	N/A	Resource in group ID			13

RPLLIST Resource Table

A CICS Resource that describes a data set in the CICS/ESA or CICS/MVS DFHRPL concatenation sequence.

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

There are no object specific actions for this resource class.

Length 64
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Resource
Copybook identifier EYUt0018 or RPLLIST
Valid API operations GET

Table 408. RPLLIST resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
RPLNUM-1	BINARY	CPSM	4	AVG	RPL data set position	1
DSNAME	CHAR	CPSM	44	DIF	RPL data set name	2

RQMDEF Resource Table

A CICS Definition that describes a request model.

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

The following actions are supported:

INSTALL

Install a Request Model Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	1248
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3826 or RQMDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	GET [CICSSYS] [RESGROUP] CREATE [RESGROUP]

API Actions

INSTALL	Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTOGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 409. RQMDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string terminator
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed
INV_NAME	Invalid name	NOTIFY	Notify

Table 409. RQMDEF FEEDBACK error codes (continued)

INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid over type	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLEN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Resource table descriptions

Table 410. RQMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	Request model definition name			7
OMGMODULE	CHAR	CPSM	58	Yes	DIF	Object management group (OMG) module name			8
OMGINTERFACE	CHAR	CPSM	31	Yes	DIF	Object management group (OMG) interface name			9
OMGOPERATION	CHAR	CPSM	31	Yes	DIF	Object management group (OMG) operation name			10
TRANSID	CHAR	CPSM	4	Yes	DIF	CICS transaction ID			11
CREATETIME	DATE TIME	CPSM	8	Yes	MAX	Definition create time			12
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			13
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			14
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			15
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			16
CORBASERVER	CHAR	CPSM	4	Yes	DIF	CorbaServer			17
RTYPE	CVDAS	CPSM	4	Yes	LIKE	Request model type	GENERIC		19
RTYPE Input/Output Valid Values	EJB CORBA GENERIC								
INTFACETYPE	CVDAS	CPSM	4	Yes	LIKE	Java interface type	BOTH		20
INTFACETYPE Input/Output Valid Values	HOME REMOTE BOTH NOTAPPLIC								
BEANNAME	CHAR	CPSM	240	Yes	DIF	Enterprise bean			23
MODULE	CHAR	CPSM	255	Yes	DIF	Module name			24
INTERFACE	CHAR	CPSM	255	Yes	DIF	Interface name			25
OPERATION	CHAR	CPSM	255	Yes	DIF	Operation name			26

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.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6171 or RQMINGRP
Valid API operations	GET CREATE and REMOVE

Table 411. RQMINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 412. RQMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
RQMGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
RQMNAME-2	CHAR	CPSM	8	Yes	DIF	Request model definition name	6
RQMVER-3	BINARY	CPSM	1	Yes	AVG	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.

Length	1168
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0098 or RQMODEL
Valid API operations	GET and PERFORM

API Actions

DISCARD	Discard
----------------	---------

Parameters: None

Table 413. RQMODEL_resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
NAME-1	CHAR	INQ	8	DIF	Request model name		1
OMGMODULE	CHAR	INQ	58	DIF	Object management group (OMG) module name		2
OMGINTERFACE	CHAR	INQ	31	DIF	Object management group (OMG) interface name		3
OMGOPERATION	CHAR	INQ	31	DIF	Object management group (OMG) operation name		4
TRANSID	CHAR	INQ	4	DIF	CICS transaction ID		5
CORBASERVER	CHAR	INQ	4	DIF	CorbaServer	E530	6
RTYPE	CVDAS	INQ	4	LIKE	Request model type	E530	7
RTYPE Output Valid Values	EJB CORBA GENERIC						
INTFACETYPE	CVDAS	INQ	4	LIKE	Java interface type	E530	8
INTFACETYPE Output Valid Values	HOME REMOTE BOTH						
BEANNAME	CHAR	INQ	240	DIF	Enterprise bean	E530	9
MODULE	CHAR	INQ	255	DIF	Module name	E530	10
INTERFACE	CHAR	INQ	255	DIF	Interface name	E530	11
OPERATION	CHAR	INQ	255	DIF	Operation name	E530	12

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.

Length	64
Usage	API
API view	No
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2529 or RTAACTV
Valid API operations	GET and PERFORM

API Actions

DISCARD

Discard

Parameters: None

DEACTIVATE

Deactivate

Parameters: None

Table 414. RTAACTV FEEDBACK error codes

Code	Description	Code	Description
DEACT_NOT_ALLOWED	Deactivate not allowed	REC_NOT_FOUND	Requested resource not found
INV_DATA	Attribute data invalid		

Table 415. RTAACTV resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	Definition name	1
CICSSYS	CHAR	CPSM	8	DIF	CICS system name	2
ACTIVETIME-2	CHAR	CPSM	8	DIF	Period definition name	3
ACTION	CHAR	CPSM	8	DIF	Associated action name	4
RATE	BINARY	CPSM	4	AVG	Interval between evaluations (seconds)	5
STATUS	EYUDA	CPSM	4	LIKE	Definition status	6
STATUS Output Valid Values	ACTIVE PENDING					

Table 415. RTAACTV resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
TYPE-3	RESTYPE	CPSM	2	N/A	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.

APIINSTALL

Install the definition into an active APSPEC.

The parameter data for the APIINSTALL 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.

Length	640
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt3507 or RTADEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM

API Actions

INSTALL	Install
	PARM(' [PERIOD(<i>value</i>)] [SCOPE(<i>value</i>)] .')
APIINSTALL	Install analysis specification
	PARM(' APSPEC(<i>value</i>) [PERIOD(<i>value</i>)] [SCOPE(<i>value</i>)] .')
ADDTOGRP	Add to RTA group
	PARM(' RESGROUP(<i>value</i>) [ACTIVETIME(<i>value</i>)] .')

Table 416. RTADEF FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	REC_CHANGED	Resource definition already changed
INV_REFERENCE	Not found	REC_EXISTS	Resource already exists
INV_RESTYPE	Invalid restype	REC_NOT_FOUND	Requested resource not found

Resource table descriptions

Table 417. RTADEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
NAME-1	CHAR	CPSM	8	Yes	DIF	RTA definition name			7
RATE	BINARY	CPSM	4	Yes	AVG	Analysis interval	300	1-86400	8
ACTION	CHAR	CPSM	8	Yes	DIF	Action definition name			9
VLSENTRY	BINARY	CPSM	4	Yes	AVG	Count of true evaluations before VLS raised	1	1-9999	10
LSENTRY	BINARY	CPSM	4	Yes	AVG	Count of true evaluations before LS raised	1	1-9999	11
LWENTRY	BINARY	CPSM	4	Yes	AVG	Count of true evaluations before LW raised	1	1-9999	12
HWENTRY	BINARY	CPSM	4	Yes	AVG	Count of true evaluations before HW raised	1	1-9999	13
HSENTRY	BINARY	CPSM	4	Yes	AVG	Count of true evaluations before HS raised	1	1-9999	14
VHSENTRY	BINARY	CPSM	4	Yes	AVG	Count of true evaluations before VHS raised	1	1-9999	15
VLSEXIT	BINARY	CPSM	4	Yes	AVG	Count of false evaluations before VLS resolved	1	1-9999	16
LSEXIT	BINARY	CPSM	4	Yes	AVG	Count of false evaluations before LS resolved	1	1-9999	17
LWEXIT	BINARY	CPSM	4	Yes	AVG	Count of false evaluations before LW resolved	1	1-9999	18
HWEXIT	BINARY	CPSM	4	Yes	AVG	Count of false evaluations before HW resolved	1	1-9999	19
HSEXIT	BINARY	CPSM	4	Yes	AVG	Count of false evaluations before HS resolved	1	1-9999	20
VHSEXIT	BINARY	CPSM	4	Yes	AVG	Count of false evaluations before VHS resolved	1	1-9999	21
DESC	CHAR	CPSM	58	No	DIF	Description			22
EVALEXPTEXT	CHAR	CPSM	500	Yes	DIF	Evaluation expression			24
EXEC_OPS	EYUDA	CPSM	4	Yes	LIKE	Execute evaluation modification string	NO		30
EXEC_OPS Input/Output Valid Values	YES NO ALWAYS								

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.

APIINSTALL

Install the set of definition into an active APSPEC.

The parameter data for the APIINSTALL 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.

Length	80
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt3505 or RTAGROUP
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
API Actions	
INSTALL	Install
	PARM(' [SCOPE(value)] .')
APIINSTALL	Install analysis specification
	PARM(' APSPEC(value) [SCOPE(value)] .')
ADDTOSPC	Add to RTA specification
	PARM(' SPEC(value) .')
ADDTOAPS	Add to RTA analysis point specification
	PARM(' SPEC(value) [SCOPE(value)] .')

Table 418. RTAGROUP FEEDBACK error codes

Code	Description	Code	Description
DUPLICATE_DEFINITION	Duplicate definition	NO_ACTIVE_SYSTEMS	No active systems
INV_DATA	Attribute data invalid	PARTIAL_INSTALL	Partial install
INV_REFERENCE	Attribute references an invalid resource	REC_CHANGED	Resource definition already changed
INV_RESTYPE	Invalid Restype	REC_EXISTS	Resource already exists
INV_VER	Invalid version	REC_NOT_FOUND	Requested resource not found

Resource table descriptions

Table 418. RTAGROUP FEEDBACK error codes (continued)

NONE_INSTALLED No groups installed

Table 419. RTAGROUP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
NAME-1	CHAR	CPSM	8	Yes	DIF	RTA group name	5
DESC	CHAR	CPSM	58	No	DIF	Description	6

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.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt5124 or RTAINAPS
Valid API operations	GET CREATE and REMOVE

Table 420. RTAINAPS FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_REFERENCE	Attribute references an invalid resource	REC_EXISTS	Resource already exists
INV_RESTYPE	Invalid resource type	REC_NOT_FOUND	Requested resource not found

Table 421. RTAINAPS resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
NAME-1	CHAR	CPSM	8	Yes	DIF	Analysis point specification name	5
GROUP-2	CHAR	CPSM	8	Yes	DIF	RTA group name	6
SCOPE	CHAR	CPSM	8	No	DIF	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.

Length 32
Usage API or Batch Utility
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Definition
Copybook identifier EYUt5377 or RTAINGRP
Valid API operations GET CREATE UPDATE and REMOVE

Table 422. RTAINGRP FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	REC_CHANGED	Resource definition already changed
INV_REFERENCE	Attribute references an invalid resource	REC_EXISTS	Resource already exists
INV_RESTYPE	Invalid resource type	REC_NOT_FOUND	Requested resource not found

Table 423. RTAINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
GROUP-1	CHAR	CPSM	8	Yes	DIF	RTA group name	5
DEFNAME-2	CHAR	CPSM	8	Yes	DIF	RTA definition name	6
ACTIVETIME	CHAR	CPSM	8	No	DIF	Period definition name	7

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.

Length	24
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt5122 or RTAINSPC
Valid API operations	GET CREATE and REMOVE

Table 424. RTAINSPC FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_REFERENCE	Attribute references an invalid resource	REC_NOT_FOUND	Requested resource not found

Table 425. RTAINSPC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
NAME-1	CHAR	CPSM	8	Yes	DIF	RTA specification name	5
GROUP-2	CHAR	CPSM	8	Yes	DIF	RTA group name	6

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**.

Length 152
Usage API or Batch Utility
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Definition
Copybook identifier EYUt3512 or RTASPEC
Valid API operations GET CREATE UPDATE REMOVE and PERFORM

API Actions
ADDSYSGRP Associate CICS group
 PARM(' GROUP(*value*) FORCE NONE NULL .')

ADDSYSDEF Associate CICS system
 PARM(' SYSTEM(*value*) .')

Table 426. RTASPEC FEEDBACK error codes

Code	Description	Code	Description
ACTION_NOT_FOUND	Action not found	LNKASSOC_EXISTS	Association already exists
INV_DATA	Attribute data invalid	REC_CHANGED	Resource definition already changed
INV_REFERENCE	Does not exist	REC_EXISTS	Resource already exists
INV_RESTYPE	Invalid resource type	REC_NOT_FOUND	Requested resource not found
INV_VER	Invalid resource version		

Table 427. RTASPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
NAME-1	CHAR	CPSM	8	Yes	DIF	RTA specification name	5
SAMSEV	EYUDA	CPSM	4	No	LIKE	Severity for system availability monitoring event	6
SAMSEV Input/Output Valid Values	VLS LS LW HW HS VHS NO N_A						
SOSSEV	EYUDA	CPSM	4	No	LIKE	Severity for short on storage (SOS) event	7
SOSSEV Input/Output Valid Values	VLS LS LW HW HS VHS NO N_A						
SDMSEV	EYUDA	CPSM	4	No	LIKE	Severity for system dump event	8

Table 427. RTASPEC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
SDMSEV Input/Output Valid Values	VLS LS LW HW HS VHS NO N_A						
TDMSEV	EYUDA	CPSM	4	No	LIKE	Severity for transaction dump event	9
TDMSEV Input/Output Valid Values	VLS LS LW HW HS VHS NO N_A						
MXTSEV	EYUDA	CPSM	4	No	LIKE	Severity for CICS-at-maximum-tasks event	10
MXTSEV Input/Output Valid Values	VLS LS LW HW HS VHS NO N_A						
STLSEV	EYUDA	CPSM	4	No	LIKE	Severity for CICS-stalled event	11
STLSEV Input/Output Valid Values	VLS LS LW HW HS VHS NO N_A						
SAMACTION	CHAR	CPSM	8	No	DIF	Action for system availability monitoring event	12
SOSACTION	CHAR	CPSM	8	No	DIF	Action for short on storage (SOS) event	13
SDMACTION	CHAR	CPSM	8	No	DIF	Action for system dump event	14
TDMACTION	CHAR	CPSM	8	No	DIF	Action for transaction dump event	15
MXTACTION	CHAR	CPSM	8	No	DIF	Action for CICS-at-maximum-tasks event	16
STLACTION	CHAR	CPSM	8	No	DIF	Action for CICS-stalled event	17
DESC	CHAR	CPSM	58	No	DIF	Description	18

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.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6155 or SESINGRP
Valid API operations	GET CREATE and REMOVE

Table 428. SESINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 429. SESINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
SESSGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
SESSNAME-2	CHAR	CPSM	8	Yes	DIF	Session definition name	6
SESSVER-3	BINARY	CPSM	1	Yes	AVG	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**.

Length	456
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3810 or SESSDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	
	GET [CICSSYS] [RESGROUP]
	CREATE [RESGROUP]

API Actions

ADDTOGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(value) .')
-----------------	--

Table 430. SESSDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RECADDR	Invalid record address
EARLY_NAMELIST_END	Early name list end	INV_RECLLEN	Invalid record length
INCONSISTENT_SET	Inconsistent set condition	INV_RESGROUP	Resource group not found
INV_ACTION	Invalid action	INV_RESTYPE	Invalid resource type
INV_CONTEXT	Context not found	INV_VER	Invalid resource version
INV_DATA	Attribute data invalid	NON_MP	Maintenance point CMAS not available
INV_MINNAME	Invalid minor name	REC_CHANGED	Resource definition already changed
INV_NAME	Invalid name	REC_EXISTS	Resource already exists
INV_NAMELIST	Invalid name list	REC_NOT_FOUND	Requested resource not found

Resource table descriptions

Table 431. SESSDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	Session definition name			7
AUTOCONNECT	EYUDA	CPSM	4	Yes	LIKE	Autoconnect option	NO		8
AUTOCONNECT Input/Output Valid Values	YES NO ALL								
BUILDCHAIN	EYUDA	CPSM	4	Yes	LIKE	Chain assembly required	YES		9
BUILDCHAIN Input/Output Valid Values	YES NO								
CONNECTION	CHAR	CPSM	4	Yes	DIF	Connection definition name			10
DISCREQ	EYUDA	CPSM	4	Yes	LIKE	Honor disconnect requests	NO		11
DISCREQ Input/Output Valid Values	YES NO								
IOAREALEN	CHAR	CPSM	8	No	DIF	Minimum terminal input output area (TIOA) size	0	0-32767	12
IOAREALEN2	CHAR	CPSM	8	No	DIF	Alternate terminal input output area (TIOA) size	0	0-32767	13
MAXINGRP	CHAR	CPSM	4	No	DIF	Maximum number of sessions in the group		0-999	14
MAXCTWIN	CHAR	CPSM	4	No	DIF	Maximum number of contention winner sessions		0-999	15
MODENAME	CHAR	CPSM	8	No	DIF	Mode name			16
NEPCCLASS	CHAR	CPSM	4	No	DIF	Network error program transaction class	0	0-255	17
NETNAMEQ	CHAR	CPSM	8	No	DIF	Name IMS system uses to identify session			18
PROTOCOL	CVDAS	CPSM	4	Yes	LIKE	Intercommunication link protocol	APPC		19
PROTOCOL Input/Output Valid Values	APPC EXCI LU61 NOTAPPLIC								
RECEIVECOUNT	CHAR	CPSM	4	No	DIF	Receive count		1-999	20
RECEIVESIZE	CHAR	CPSM	8	No	DIF	Receive buffer size	4096	1-30720	21
RECOVOPTION	EYUDA	CPSM	4	Yes	LIKE	Recovery option	SYSDEFAULT		22

Table 431. SESSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
RECOVPTION Input/Output Valid Values						SYSDEFAULT CLEARCONV NONE RELEASESESS UNCONDREL			
RECOVNOTIFY	EYUDA	CPSM	4	Yes	LIKE	XRF recovery notification option	N_A		23
RECOVNOTIFY Input/Output Valid Values						NONE MESSAGE TRANSACTION N_A			
RELREQ	EYUDA	CPSM	4	Yes	LIKE	Honor release requests	NO		24
RELREQ Input/Output Valid Values						YES NO			
SENDCOUNT	CHAR	CPSM	4	No	DIF	Send count		1-999	25
SENDSIZE	CHAR	CPSM	8	No	DIF	Send buffer size	4096	1-30720	26
SESSNAME	CHAR	CPSM	4	No	DIF	Session name			27
SESSPRIORITY	CHAR	CPSM	4	No	DIF	Session priority	0	0-255	28
OPERPRIORITY	CHAR	CPSM	4	No	DIF	Operator priority	0	0-255	29
INSERVICE	EYUDA	CPSM	4	Yes	LIKE	Session inservice	N_A		30
INSERVICE Input/Output Valid Values						YES NO N_A			
TRANSACTION	CHAR	CPSM	4	No	DIF	Transaction to be initiated from device			31
USERAREALEN	CHAR	CPSM	4	No	DIF	User area size	0	0-255	32
PARTCODEPAGE	CHAR	CPSM	8	No	DIF	Partner code page	0	0-65534	33
USERID	CHAR	CPSM	8	No	DIF	User signon ID			34
RECEIVEPFX	CHAR	CPSM	2	No	DIF	Receive prefix			35
SENDPFX	CHAR	CPSM	2	No	DIF	Send prefix			36
OPERID	CHAR	CPSM	3	No	DIF	Operator identifier			37
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Definition create time			49
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			50
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			51

Resource table descriptions

Table 431. SESSDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			52
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			53
OPERRSL	CHAR	CPSM	50	No	DIF	Operator resource security keys			54
OPERSEC	CHAR	CPSM	150	No	DIF	Operator transaction security keys			55

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.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt5381 or STAINGRP
Valid API operations	GET CREATE UPDATE and REMOVE

Table 432. STAINGRP FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	REC_CHANGED	Resource definition already changed
INV_REFERENCE	Attribute references an invalid resource	REC_EXISTS	Resource already exists
INV_RESTYPE	Invalid resource type	REC_NOT_FOUND	Requested resource not found

Table 433. STAINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
GROUP-1	CHAR	CPSM	8	Yes	DIF	RTA group name	5
DEFNAME-2	CHAR	CPSM	8	Yes	DIF	Status definition (STATDEF) name	6
ACTIVETIME	CHAR	CPSM	8	No	DIF	Period definition name	7

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.

Length	160
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt3516 or STATDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
API Actions	
INSTALL	Install
	PARM(' [PERIOD(<i>value</i>)] [SCOPE(<i>value</i>)] .')
ADDTOGRP	Add to RTA group
	PARM(' RESGROUP(<i>value</i>) [ACTIVETIME(<i>value</i>)] .')

Table 434. STATDEF FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	PARTIAL_INSTALL	Partial install
INV_REFERENCE	Attribute references an invalid resource	REC_CHANGED	Resource definition already changed
INV_RESTYPE	Invalid resource type	REC_EXISTS	Resource already exists
NONE_INSTALLED	None installed	REC_NOT_FOUND	Requested resource not found
NO_ACTIVE_SYSTEMS	No active systems		

Table 435. STATDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
NAME-1	CHAR	CPSM	8	Yes	DIF	Status definition name			7
FREQ	BINARY	CPSM	4	Yes	AVG	Interval between calls to status program (seconds)	300	1-86400	8
STATPGM	CHAR	CPSM	8	No	DIF	Status program name			9
ACTION	CHAR	CPSM	8	Yes	DIF	Action definition name			10
VLSENTRY	BINARY	CPSM	4	Yes	AVG	Evaluation count with VLS true before event	1	1-9999	11
LSENTRY	BINARY	CPSM	4	Yes	AVG	Evaluation count with LS true before event	1	1-9999	12
LWENTRY	BINARY	CPSM	4	Yes	AVG	Evaluation count with LW true before event	1	1-9999	13
HWENTRY	BINARY	CPSM	4	Yes	AVG	Evaluation count with HW true before event	1	1-9999	14
HSENTRY	BINARY	CPSM	4	Yes	AVG	Evaluation count with HS true before event	1	1-9999	15
VHSENTRY	BINARY	CPSM	4	Yes	AVG	Evaluation count with VHS true before event	1	1-9999	16
VLSEXIT	BINARY	CPSM	4	Yes	AVG	Evaluation count with VLS false before resolution	1	1-9999	17
LSEXIT	BINARY	CPSM	4	Yes	AVG	Evaluation count with LS false before resolution	1	1-9999	18
LWEXIT	BINARY	CPSM	4	Yes	AVG	Evaluation count with LW false before resolution	1	1-9999	19
HWEXIT	BINARY	CPSM	4	Yes	AVG	Evaluation count with HW false before resolution	1	1-9999	20
HSEXIT	BINARY	CPSM	4	Yes	AVG	Evaluation count with HS false before resolution	1	1-9999	21
VHSEXIT	BINARY	CPSM	4	Yes	AVG	Evaluation count with VHS false before resolution	1	1-9999	22
USERID	CHAR	CPSM	8	No	DIF	User ID for task			23
TRANID	CHAR	CPSM	4	No	DIF	Transaction ID for task			24
DESC	CHAR	CPSM	58	No	DIF	Description			25

STREAMNM Resource Table

A CICS Resource that describes an MVS log stream used by an active system running the CICS TS for OS/390 and being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

Length	160
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0078 or STREAMNM
Valid API operations	GET and SET

Table 436. STREAMMM resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved			
STREAMNAME-1	CHAR	INQ	26	DIF		MVS log stream name			1
STATUS	CVDAS	INQ	4	LIKE		Log stream status			3
STATUS Output Valid Values	OK FAILED								
SYSTEMLOG	CVDAS	INQ	4	LIKE		System log indicator			4
SYSTEMLOG Output Valid Values	SYSLOG NOSYSLOG								
USECOUNT	BINARY	INQ	4	N/A		Number of journals and forward recovery logs			5
WRITES	BINARY	STAT	4	AVG		Number of write requests			6
BYTES	BINARY	STAT	8	AVG		Total number of bytes written			7
CUFWTRS	BINARY	STAT	4	AVG		Current number of tasks waiting for buffer flush			8
PKFWTRS	BINARY	STAT	4	AVG		Peak number of tasks waiting for buffer flush			9
TFCWAIT	BINARY	STAT	4	AVG		Total number of tasks that waited for buffer flush			10
BUFFWAIT	BINARY	STAT	4	AVG		Number of waits due to buffer being full			11
BRWSTRT	BINARY	STAT	4	AVG		Number of log browse starts			12
BRWREAD	BINARY	STAT	4	AVG		Number of reads from log			13
DELETES	BINARY	STAT	4	AVG		Number of log-tail deletes			14
RETRYERRS	BINARY	STAT	4	AVG		Number of retryable errors			15
BUFAPPDRQ	BINARY	STAT	4	AVG		Number of buffer append requests			16
DASDONLY	EYUDA	STAT	4	LIKE		DASD-only option			17

Resource table descriptions

Table 436. STREAMMM resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
DASDONLY Output Valid Values	YES NO								
STRCNAME	CHAR	STAT	16	DIF		Coupling facility structure name			18
MAXBLK	BINARY	STAT	4	AVG		Maximum block size			19
RETPD	BINARY	STAT	4	AVG		Data retention period (days)			20
AUTODEL	EYUDA	STAT	4	LIKE		Auto-delete option			21
AUTODEL Output Valid Values	YES NO								
LGGAKPFREQ	BINARY	STAT	4	AVG	yes	Activity keypoint frequency	E530	E530	26
LGGLGDEFER	BINARY	STAT	4	AVG	yes	Log deferral interval	E530	E530	27
LGGAKPSTKN	BINARY	STAT	4	AVG		Number of activity keypoints taken	E530		28
LGSQUERIES	BINARY	STAT	4	AVG		Logstream query count	E530		32
RWRITES	RATE3	CPSM	8	AVG		Rate of writes to log			34

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.

Length	56
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0004 or SYSDUMP
Valid API operations	GET SET and PERFORM

API Actions

ADD	Add
	PARM(' CODE(<i>value</i>) [MAX(<i>value</i>)] [SHUT(<i>value</i>)] [SDUMP(<i>value</i>)] [SCOPE(<i>value</i>)] [DAE(<i>value</i>)] .')
RESET	Reset
	Parameters: None
DELETE	Delete

Resource table descriptions

Parameters: None

Table 437. SYSDUMP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved		
SYSUMPCODE=1	CHAR	INQ	8	DIF		System dump code		1
CURRENT	BINARY	INQ	4	AVG		Number of dump calls since last reset		2
MAXIMUM	BINARY	INQ	4	AVG	yes	Maximum number of dumps with this code		3
SHUTOPTION	CVDAS	INQ	4	LIKE	yes	Shutdown option		4
SHUTOPTION Input/Output Valid Values	SHUTDOWN NOSHDOWN							
SYSDUMPING	CVDAS	INQ	4	LIKE	yes	System dump option		5
SYSDUMPING Input/Output Valid Values	SYSDUMP NOSYSDUMP							
SDMPTOTL	BINARY	STAT	4	AVG		Number of system dumps taken		6
SDMPSUPP	BINARY	STAT	4	AVG		Number of system dumps suppressed		7
SDUMPSCOPE	CVDAS	INQ	4	LIKE	yes	System dump scope type		8
SDUMPSCOPE Input/Output Valid Values	LOCAL RELATED							
DAEOPTION	CVDAS	INQ	4	LIKE	yes	Dump analysis and elimination (DAE) option		9
DAEOPTION Input/Output Valid Values	NODAE DAE							

SYSLINK Resource Table

A CPSM Topology Definition that describes the endpoints of a communications link between two CICS systems being managed by CICSplex SM. A SYSLINK record is created when connection and sessions definitions (CONNDEF and SESSDEF) are installed in one of the CICS systems; that information is used to create a link to the other CICS system.

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

The following actions are supported:

INSTALL

Install a System Link.

The parameter data for the INSTALL action is:

```
PARM('<NOTIFY(notify)>
      <STATECHK(statechk)>
      <FORCEINS(forceins)>.'
```

where:

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

Length	48
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt4610 or SYSLINK
Valid API operations	GET CREATE REMOVE and PERFORM
API Actions	
INSTALL	Install

```
PARM(' [NOTIFY(value)] [FORCEINS(value)]
      [STATECHK(value)] .')
```

Table 438. SYSLINK FEEDBACK error codes

Code	Description	Code	Description
INV_ACTION	Invalid action	INV_RESTYPE	Invalid resource type
INV_CONTEXT	Context not found	INV_STATECHK	Invalid state check
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_FORCEINS	Invalid force install	LOGICAL_DUP	Logical duplicate
INV_FORTHNAME	Invalid session definition name	NON_MP	Maintenance point CMAS not available
INV_MAJNAME	Invalid major name	NOTHING_INSTALLED	Nothing installed
INV_MINNAME	Invalid minor name	NOTIFY	Notify
INV_NAMELIST	Invalid name list	NO_ACTIVE_SYSTEMS	No active systems
INV_NOTIFY	Invalid notify	PARTIAL_INSTALL	Partial install
INV_QUALNAME	Invalid qualifier name	REC_EXISTS	Resource already exists
INV_RECADDR	Invalid record address	REC_NOT_FOUND	Requested resource not found

Table 438. SYSLINK FEEDBACK error codes (continued)

INV_RECLen Invalid record length

Table 439. SYSLINK resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
FROMCSYS-1	CHAR	CPSM	8	Yes	DIF	Primary CICS system name	5
TOCSYS-2	CHAR	CPSM	8	Yes	DIF	Secondary CICS system name	7
CONNDEF-3	CHAR	CPSM	8	Yes	DIF	Connection definition name	9
SESSDEF-5	CHAR	CPSM	8	Yes	DIF	Session definition name	10
CONNDEFVER-4	BINARY	CPSM	1	Yes	AVG	Connection definition version	11
SESSDEFVER-6	BINARY	CPSM	1	Yes	AVG	Session definition version	12

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.

Length	88
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2611 or SYSRES
Valid API operations	GET

Table 440. SYSRES FEEDBACK error codes

Code	Description	Code	Description
CICSSYS_NOT_FOUND	CICS system not found		

Table 441. SYSRES resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
CICSSYS-5	CHAR	CPSM	8	DIF	CICS system name	4
RESDEF-1	CHAR	CPSM	8	DIF	Resource definition name	5
RDEFTYPE-2	CHAR	CPSM	8	DIF	Resource definition type	6
RESDESC-3	CHAR	CPSM	8	DIF	Resource description name	7
# RESASSGN-6	CHAR	CPSM	8	DIF	Resource Assignment name	
# RESGROUP-7	CHAR	CPSM	8	DIF	Resource Group name	
CHAR	CPSM	8	DIF	Resource assignment name		
RESGROUP	CHAR	CPSM	8	DIF	Resource group name	9
USAGE	EYUDA	CPSM	4	LIKE	Resource usage type	10

Table 441. SYSRES resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
USAGE Output Valid Values	LOCAL REMOTE ASIS					
MODE	EYUDA	CPSM	4	LIKE	Resource usage qualifier	11
MODE Output Valid Values	AUTO DYNAM EXTRA INTRA IND STAT					
DEFVER	BINARY	CPSM	1	AVG	Resource definition version	12
REFDEF-4	CHAR	CPSM	8	DIF	Referenced definition name	13
REFVER	CHAR	CPSM	2	DIF	Referenced definition version	14
REFTYPE	CHAR	CPSM	8	DIF	Referenced definition type	15
ALIAS	CHAR	CPSM	8	DIF	Alias for remote definition	16

TASK Resource Table

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

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

| When used in an EVALDEF you may wish to limit the evaluation to include only
 | those tasks for which a specific transaction is associated. To accommodate this,
 | when TASK is used in an EVALDEF, the INSTANCE refers to the TRANID attribute
 | instead of the Primary key.

For GET requests, an optional parameter may be specified as follows:

PARM('INCL_QUEUED(YESINO).')

where:

YES (default) indicates that tasks queued for MAXTASKS or TRANCLASS
 # MAXACTIVE should be included in the result set.

NO indicates that tasks queued for MAXTASKS or TRANCLASS MAXACTIVE
 # should not be included in the result set.

The following action is supported:

PURGE

Purge a task.

The parameter data for the PURGE action is:

PARM('TYPE(cvda).')

where:

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

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

Length	2336
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0020 or TASK
Valid API operations	GET SET and PERFORM
Unsupported releases	E530
API Actions	
PURGE	Purge
	PARM(' TYPE(value) .')
FORCEPURGE	Force purge
	Parameters: None
KILL	Kill

Resource table descriptions

Parameters: None

Unsupported releases: E530

Resource table descriptions

Table 442. TASK resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved			
TASK-1	DECIMAL	INQ	4	MAX		Task ID			1
FACILITY	CHAR	INQ	4	DIF		Principal facility			2
FACILITYTYPE	CVDAS	INQ	4	LIKE		Facility type			3
FACILITYTYPE Output Valid Values	TERM DEST TASK								
SUSPENDTIME	SECONDS	INQ	4	MAX		Time task has been suspended			4
SUSPENDTYPE	CHAR	INQ	8	DIF		Reason task is suspended			5
SUSPENDVALUE	CHAR	INQ	16	DIF		Resource for which task is waiting			6
PRIORITY	BINARY	INQ	4	AVG	yes	Task priority			7
UOWID	HEX	CMF	8	MIN		Network UOW instance and sequence number			8
RUNSTATUS	CVDAS	INQ	4	LIKE		Dispatch status			9
RUNSTATUS Output Valid Values	DISPATCHABLE RUNNING SUSPENDED								
TRANCLASS	CHAR	INQ	8	DIF		Transaction class			10
TRANID	CHAR	INQ	4	DIF		Transaction ID			11
USERID	CHAR	INQ	8	DIF		User ID			12
RECUNITID	HEX	INQ	8	MIN		Local unit of recovery ID			13
TRANATYPE	BINARY	CMF	4	AVG		Transaction type			14
RECTYPE	CHAR	CMF	4	DIF		Record type			15
START	TIMESTP	CMF	8	MAX		Task start time			16
STOP	TIMESTP	CMF	8	MAX		Task stop time			17

Table 442. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
LUNAME	CHAR	CMF	8	DIF		VTAM LU name			18
FIRSTPRGM	CHAR	CMF	8	DIF		First program name			19
NETNAME	CHAR	CMF	20	DIF		Originating system netname			20
TASKFLAG	BINARY	CMF	4	AVG		Transaction error flags			21
ABCODEO	CHAR	CMF	4	DIF		Original ABEND code			22
ABCODEC	CHAR	CMF	4	DIF		Current ABEND code			23
MSGIN	BINARY	CMF	4	AVG		Number of Primary TC message receives			24
CHARIN	BINARY	CMF	4	AVG		Number of Primary TC characters received			25
MSGOUT	BINARY	CMF	4	AVG		Number of Primary TC message sends			26
CHAROUT	BINARY	CMF	4	AVG		Number of Primary TC characters sent			27
MSGINSEC	BINARY	CMF	4	AVG		Number of Secondary TC message receives			28
CHARINSEC	BINARY	CMF	4	AVG		Number of Secondary TC characters received			29
MSGOUTSEC	BINARY	CMF	4	AVG		Number of Secondary TC message sends			30
CHAROUTSEC	BINARY	CMF	4	AVG		Number of Secondary TC characters sent			31
ALLOCATES	BINARY	CMF	4	AVG		Number of ALLOCATE requests			32
TERMSTG	BINARY	CMF	4	AVG		Terminal storage			33
USTG24CNT	BINARY	CMF	4	AVG		User storage GETMAIN request count below 16MB			34
USTG31CNT	BINARY	CMF	4	AVG		User storage GETMAIN request count above 16MB			35
CDSAGETM	BINARY	CMF	4	AVG		Number of GETMAIN requests in CDSA			36

Resource table descriptions

Table 442. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
ECDSAGETM	BINARY	CMF	4	AVG		Number of GETMAIN requests in ECDSA			37
USTG24HWM	BINARY	CMF	4	AVG		Peak number of bytes used by task in UDSA			38
USTG31HWM	BINARY	CMF	4	AVG		Peak number of bytes used by task in EUDSA			39
CDSASHWM	BINARY	CMF	4	AVG		Peak number of bytes used by task in CDSA			40
ECDSASHWM	BINARY	CMF	4	AVG		Peak number of bytes used by task in ECDSA			41
USTG24OCC	BINARY	CMF	8	AVG		Average storage usage below 16 MB line			42
USTG31OCC	BINARY	CMF	8	AVG		Average storage usage above 16 MB line			43
CDSASOCC	BINARY	CMF	4	AVG		Average CDSA storage usage			44
ECDSASOCC	BINARY	CMF	4	AVG		Average ECDSA storage usage			45
PSTGHWM	BINARY	CMF	4	AVG		Maximum program storage across all DSAs			46
PSTG24HWM	BINARY	CMF	4	AVG		Maximum program storage below 16 MB line			47
PSTG31HWM	BINARY	CMF	4	AVG		Maximum program storage above 16 MB line			48
USRPS31HWM	BINARY	CMF	4	AVG		Maximum program storage in EUDSA			49
USRPS24HWM	BINARY	CMF	4	AVG		Maximum program storage in UDSA			50
ECDSAPSHWM	BINARY	CMF	4	AVG		Maximum program storage in ECDSA			51
CDSAPSHWM	BINARY	CMF	4	AVG		Maximum program storage in CDSA			52

Table 442. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
ROPS31HWM	BINARY	CMF	4	AVG		Maximum program storage in ERDSA			53
FCGETCNT	BINARY	CMF	4	AVG		Number of file control READ requests			54
FCPUTCNT	BINARY	CMF	4	AVG		Number of file control REWRITE requests			55
FCBRWCNT	BINARY	CMF	4	AVG		Number of file control browse requests			56
FCADDCNT	BINARY	CMF	4	AVG		Number of file control WRITE requests			57
FCDELCNT	BINARY	CMF	4	AVG		Number of file control DELETE requests			58
FCCOUNT	BINARY	CMF	4	AVG		Total number of file control requests			59
FCAMCNT	BINARY	CMF	4	AVG		Number of file control access method requests			60
TDGETCNT	BINARY	CMF	4	AVG		Number of transient data get requests			61
TDPUTCNT	BINARY	CMF	4	AVG		Number of transient data put requests			62
TDPURCNT	BINARY	CMF	4	AVG		Number of transient data purge requests			63
TDCOUNT	BINARY	CMF	4	AVG		Total number of transient data requests			64
TSGETCNT	BINARY	CMF	4	AVG		Number of temporary storage gets			65
TSPUTACNT	BINARY	CMF	4	AVG		Number of TS puts to auxiliary storage			66
TSPUTMCNT	BINARY	CMF	4	AVG		Number of TS puts to main storage			67
TSCOUNT	BINARY	CMF	4	AVG		Total number of temporary storage requests			68

Resource table descriptions

Table 442. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
BMSMAPCNT	BINARY	CMF	4	AVG		Number of BMS map requests			69
BMSINCNT	BINARY	CMF	4	AVG		Number of BMS map in requests			70
BMSOUTCNT	BINARY	CMF	4	AVG		Number of BMS map out requests			71
BMSCOUNT	BINARY	CMF	4	AVG		Total number of BMS requests			72
PCLINKCNT	BINARY	CMF	4	AVG		Number of program link requests			73
PCXCTLCNT	BINARY	CMF	4	AVG		Program transfer control (XCTL) request count			74
PCLOADCNT	BINARY	CMF	4	AVG		Number of program load requests			75
JCUSRWCNT	BINARY	CMF	4	AVG		Number of journal output requests			76
ICCOUNT	BINARY	CMF	4	AVG		Number of interval control requests			77
SYNCCOUNT	BINARY	CMF	4	AVG		Number of syncpoint requests			78
DISPTIME	SCLOCK	CMF	8	MAX		User task dispatch time			79
CPUTIME	SCLOCK	CMF	8	MAX		User task CPU time			80
SUSPTIME	SCLOCK	CMF	8	MAX		Task suspend time			81
WAITTIME	SCLOCK	CMF	8	MAX		Dispatch wait time			82
EXWAIT	SCLOCK	CMF	8	MAX		Exception wait time			83
TCIOTIME	SCLOCK	CMF	8	MAX		Terminal I/O wait time			84
FCIOTIME	SCLOCK	CMF	8	MAX		File control I/O wait time			85
JCIOTIME	SCLOCK	CMF	8	MAX		Journal control I/O wait time			86
TSIOTIME	SCLOCK	CMF	8	MAX		Temporary storage I/O wait time			87
IRIOTIME	SCLOCK	CMF	8	MAX		Inter-region communication I/O wait time			88
TDIOTIME	SCLOCK	CMF	8	MAX		Transient data I/O wait time			89

Table 442. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
PCLOADTM	SCLOCK	CMF	8	MAX		Program load time			90
STARTCODE	CHAR	INQ	2	DIF		Start code			91
CMDSEC	CVDAS	INQ	4	LIKE		Command level security status			93
CMDSEC Output Valid Values									
DTB	CVDAS	INQ	4	LIKE		Dynamic transaction backout option			94
DTB Output Valid Values									
WAIT COMMIT BACKOUT									
DTIMEOUT	BINARY	INQ	4	AVG		Deadlock timeout (seconds)			95
DUMPING	CVDAS	INQ	4	LIKE		Transaction dump option			96
DUMPING Output Valid Values									
TRANDUMP NOTRANDUMP									
ISOLATEST	CVDAS	INQ	4	LIKE		Data isolation type			97
ISOLATEST Output Valid Values									
NOISOLATE ISOLATE									
PROFILE	CHAR	INQ	8	DIF		Task profile name			98
PURGEABILITY	CVDAS	INQ	4	LIKE		Purgeability status			99
PURGEABILITY Output Valid Values									
PURGEABLE NOTPURGEABLE									
ROUTING	CVDAS	INQ	4	LIKE		Dynamic routing type			100
ROUTING Output Valid Values									
DYNAMIC STATIC									
RESSEC	CVDAS	INQ	4	LIKE		Resource level security status			101
RESSEC Output Valid Values									
RESSECNO RESSECYES									
RTIMEOUT	BINARY	INQ	4	AVG		Read timeout (seconds)			102

Resource table descriptions

Table 442. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
RUNAWAY	BINARY	INQ	4	AVG		Runaway task time (milliseconds)			103
SCRNSIZE	CVDAS	INQ	4	LIKE		Screen size			104
SCRNSIZE Output Valid Values	ALTERNATE DEFAULT								
STORAGECLEAR	CVDAS	INQ	4	LIKE		Storage clearance status			105
STORAGECLEAR Output Valid Values	CLEAR NOCLEAR								
TASKDATAKEY	CVDAS	INQ	4	LIKE		Data storage key			106
TASKDATAKEY Output Valid Values	CICSDATAKEY USERDATAKEY								
TASKDATALOC	CVDAS	INQ	4	LIKE		Data location			107
TASKDATALOC Output Valid Values	BELOW ANY								
TRACING	CVDAS	INQ	4	LIKE		Task tracing type			108
TRACING Output Valid Values	SPECTRACE STANTRACE SPRSTRACE								
TRANPRIORITY	BINARY	INQ	4	AVG		Transaction priority			109
TRPROF	CHAR	INQ	8	DIF		Transaction routing profile name			110
TWASIZE	BINARY	INQ	4	AVG		Size in bytes of transaction work area (TWA)			111
REMOtenAME	CHAR	INQ	4	DIF		Remote transaction name			112
RSYSID	CHAR	CMF	4	DIF		Remote system ID			113
TCM62IN2	BINARY	CMF	4	AVG		Number of secondary LU6.2 messages received			114
TCC62IN2	BINARY	CMF	4	AVG		Number of secondary LU6.2 characters received			115

Table 442. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
TCM62OU2	BINARY	CMF	4	AVG		Number of secondary LU6.2 messages sent			116
TCC62OU2	BINARY	CMF	4	AVG		Number of secondary LU6.2 characters sent			117
PC24RHWM	BINARY	CMF	4	AVG		Maximum read-only storage in RDSA			118
PC31SHWM	BINARY	CMF	4	AVG		Maximum shared storage in ESDSA			119
PC24SHWM	BINARY	CMF	4	AVG		Maximum shared storage in SDSA			120
SZALLOCT	BINARY	CMF	4	AVG		Number of FEPI allocate requests			121
SZRCVCT	BINARY	CMF	4	AVG		Number of FEPI receive requests			122
SZSENDCT	BINARY	CMF	4	AVG		Number of FEPI send requests			123
SZSTRCT	BINARY	CMF	4	AVG		Number of FEPI start requests			124
SZCHROUT	BINARY	CMF	4	AVG		Number of FEPI characters sent			125
SZCHRIN	BINARY	CMF	4	AVG		Number of FEPI characters received			126
SZALLCTO	BINARY	CMF	4	AVG		Number of FEPI allocate timeouts			127
SZRCVTO	BINARY	CMF	4	AVG		Number of FEPI receive timeouts			128
SZTOTCT	BINARY	CMF	4	AVG		Total number of FEPI requests			129
SZWAIT	SCLOCK	CMF	8	MAX		FEPI suspend time			130
DSPDELAY	SCLOCK	CMF	8	MAX		First dispatch delay time			131
TCLDELAY	SCLOCK	CMF	8	MAX		First dispatch delay time caused by TCL			132

Resource table descriptions

Table 442. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
MXTDELAY	SCLOCK	CMF	8	MAX		First dispatch delay time caused by MXT limit			133
ENQDELAY	SCLOCK	CMF	8	MAX		Delay time for enqueue			134
LU61WTT	SCLOCK	CMF	8	MAX		LU6.1 I/O wait time			135
LU62WTT	SCLOCK	CMF	8	MAX		LU6.2 I/O wait time			136
RMITIME	SCLOCK	CMF	8	MAX		Total RMI elapsed time			137
RMISUSP	SCLOCK	CMF	8	MAX		RMI suspend time			138
PERFRECCNT	BINARY	CMF	4	AVG		Number of performance records			141
RECOVERTOKN	HEX	CMF	8	MIN		Recovery manager unit of work ID			142
WLMSRVCNAME	CHAR	CMF	8	DIF		Workload manager service class name			143
WLMRPTRCNAME	CHAR	CMF	8	DIF		Workload manager report class name			144
TRANFLAGS	HEX	CMF	8	MIN		Transaction flags			145
TERMCONNAME	CHAR	CMF	4	DIF		Terminal connection name			146
SHSTGGMCBEL	BINARY	CMF	4	AVG		Shared storage GETMAIN request count below 16MB			147
SHSTGBYTEGMB	BINARY	CMF	4	AVG		GETMAIN byte count of shared storage below 16MB			148
SHSTGBYTEFMB	BINARY	CMF	4	AVG		FREEMAIN byte count of shared storage below 16MB			149
SHSTGGMCAVB	BINARY	CMF	4	AVG		Shared storage GETMAIN request count above 16MB			150
SHSTGBYTEGMA	BINARY	CMF	4	AVG		GETMAIN byte count of shared storage above 16MB			151
SHSTGBYTEFMA	BINARY	CMF	4	AVG		FREEMAIN byte count of shared storage above 16MB			152
JRNLRITREQ	BINARY	CMF	4	AVG		Number of journal write requests			153

Table 442. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
LOGGRWRITREQ	BINARY	CMF	4	AVG		Number of CICS logger write requests			154
SYNCPWAITTM	SCLOCK	CMF	8	MAX		Syncpoint wait time			155
RLSWAITTIME	SCLOCK	CMF	8	MAX		VSAM record level sharing wait time			156
TERMINALINFO	HEX	CMF	4	MIN		Terminal information			157
ATTACHTIME	DATETIME	INQ	8	MAX		Task attach time			158
UNITOFWORK	HEX	INQ	16	MIN		Local unit of work (UOW) ID			159
INDOUBT	CVDAS	INQ	4	LIKE		Transaction in-doubt option			160
INDOUBT Output Valid Values	BACKOUT COMMIT								
INDOUBTMINS	BINARY	INQ	4	AVG		In-doubt time (minutes)			161
INDOUBTWAIT	CVDAS	INQ	4	LIKE		In-doubt wait option			162
INDOUBTWAIT Output Valid Values	WAIT NOWAIT								
BRIDGE	CHAR	INQ	4	DIF		Bridge transaction ID			163
RSVD1	SCLOCK	CMF	8	MAX		Reserved space			164
RSVD2	EYUDA	CMF	4	LIKE		Reserved space			165
RSVD2 Output Valid Values	YES NO								
BRDGTRAN	EYUDA	CMF	4	LIKE		Transaction ID as started by bridge			166
BRDGTRAN Output Valid Values	YES NO								
LOCKMGRWAIT	SCLOCK	CMF	8	MAX		Lock manager wait time			167
EXTERWAIT	SCLOCK	CMF	8	MAX		External wait time			168
CICSWAIT	SCLOCK	CMF	8	MAX		CICS event wait time			169
INTVLWAIT	SCLOCK	CMF	8	MAX		Interval control delay time			170

Resource table descriptions

Table 442. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
CONTROLWAIT	SCLOCK	CMF	8	MAX		Give-up-control wait time			171
SHAREDTSWAIT	SCLOCK	CMF	8	MAX		Shared temporary storage wait time			172
RLSCPUT	SCLOCK	CMF	8	MAX		CPU time used by VSAM record level sharing			173
INTVLC	BINARY	CMF	4	AVG		Number of interval control requests			174
IDENT	CHAR	INQ	48	DIF		User data provided by the bridge exit			175
PCLURMCT	BINARY	CMF	4	AVG		Number of user replaceable module (URM) links			177
DB2PLAN	CHAR	INQ	8	DIF		DB2 plan name			178
CFDTSWAIT	SCLOCK	CMF	8	MAX		CFDTS wait time			179
SRVSYWTT	SCLOCK	CMF	8	MAX		CFDTS syncpoint wait time			180
TCB	CVDAS	INQ	4	LIKE		CICS TCB type			181
TCB Output Valid Values									
CKOPEN UKOPEN QR INTERNAL									
PRCSNAME	CHAR	INQ	36	DIF		BTS process name			182
PRCSID	HEX	CMF	52	MIN		BTS process ID			183
PRCSTYPE	CHAR	INQ	8	DIF		BTS process type			184
ACTVTYNM	CHAR	INQ	16	DIF		BTS activity name			185
ACTVTYID	HEX	INQ	52	MIN		BTS activity ID			186
BARSYNCT	BINARY	CMF	4	AVG		BTS run synchronous requests			187
BARASYCT	BINARY	CMF	4	AVG		BTS run asynchronous requests			188
BALKFACT	BINARY	CMF	4	AVG		BTS link requests			189
BADPROCT	BINARY	CMF	4	AVG		BTS define process requests			190
BADACTCT	BINARY	CMF	4	AVG		BTS define activity requests			191
BARSPACT	BINARY	CMF	4	AVG		BTS reset requests			192

Table 442. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
BASUPACT	BINARY	CMF	4	AVG		BTS suspend requests			193
BARMPACT	BINARY	CMF	4	AVG		BTS resume requests			194
BADCPACT	BINARY	CMF	4	AVG		BTS delete activity and cancel requests			195
BAACQPCT	BINARY	CMF	4	AVG		BTS acquire requests			196
BATOTPCT	BINARY	CMF	4	AVG		BTS total requests			197
BAPRDCCT	BINARY	CMF	4	AVG		BTS process data container requests			198
BAACDCCT	BINARY	CMF	4	AVG		BTS activity data container requests			199
BATOTCCT	BINARY	CMF	4	AVG		BTS total data container requests			200
BARATECT	BINARY	CMF	4	AVG		BTS retrieve reattach event requests			201
BADFIECT	BINARY	CMF	4	AVG		BTS define input event requests			202
BATIAECT	BINARY	CMF	4	AVG		BTS timer associated event requests			203
BATOTECT	BINARY	CMF	4	AVG		BTS total event requests			204
RUNTRWTT	SCLOCK	CMF	8	MAX		Run synchronous transaction wait time			205
SYNCDLY	SCLOCK	CMF	8	MAX		Waiting for parent syncpoint delay time			206
WBRCVCT	BINARY	CMF	4	AVG		Number of WEB receive requests			207
WBCHRIN	BINARY	CMF	4	AVG		Number of characters received via WEB requests			208
WBSENDCT	BINARY	CMF	4	AVG		Number of WEB send requests			209
WBCHROUT	BINARY	CMF	4	AVG		Number of characters sent via WEB requests			210

Resource table descriptions

Table 442. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
WBTOTCT	BINARY	CMF	4	AVG		Total number of WEB requests			211
WBREPWCT	BINARY	CMF	4	AVG		Number of WEB repository writes			212
DHCRECT	BINARY	CMF	4	AVG		Number of Document Create requests			213
DHINSCT	BINARY	CMF	4	AVG		Number of Document Insert requests			214
DHSETCT	BINARY	CMF	4	AVG		Number of Document Set requests			215
DHRETCT	BINARY	CMF	4	AVG		Number of Document Retrieve requests			216
DHTOTCT	BINARY	CMF	4	AVG		Total number of Document requests			217
DHTOTDCL	BINARY	CMF	4	AVG		Total length of documents created			218
IMSWAIT	SCLOCK	CMF	8	MAX		IMS request wait time			219
DB2RDYQW	SCLOCK	CMF	8	MAX		DB2 ReadyQ wait time			220
DB2CONWT	SCLOCK	CMF	8	MAX		DB2 Connection (TCB) wait time			221
DB2WAIT	SCLOCK	CMF	8	MAX		DB2 request wait time			222
MXTOTDLY	SCLOCK	CMF	8	MAX		Maximum delay time on an open TCB			223
QRMODDLY	SCLOCK	CMF	8	MAX		Delay time whilst running on QR TCB			224
QRDISPT	SCLOCK	CMF	8	MAX		Dispatch time whilst running on QR TCB			225
QRCPUT	SCLOCK	CMF	8	MAX		CPU time used on QR TCB			226
MSDISPT	SCLOCK	CMF	8	MAX		Other TCB mode dispatch time			227
MSCPUP	SCLOCK	CMF	8	MAX		Other TCB mode CPU time			228

Table 442. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
L8CPUT	SCLOCK	CMF	8	MAX		L8 TCB mode CPU time			229
J8CPUT	SCLOCK	CMF	8	MAX		J8 TCB mode CPU time			230
S8CPUT	SCLOCK	CMF	8	MAX		S8 TCB mode CPU time			231
IMSREQCT	BINARY	CMF	4	AVG		Total number of IMS requests			232
DB2REQCT	BINARY	CMF	4	AVG		Total number of DB2 requests			233
CHMODECT	BINARY	CMF	4	AVG		Number of CICS dispatcher change modes	E640 and higher		234
TCBATTCT	BINARY	CMF	4	AVG		Number of CICS dispatcher TCB attaches			235
GNQDELAY	SCLOCK	CMF	8	MAX		Global ENQ delay time			236
RRMSWAIT	SCLOCK	CMF	8	MAX		RRMS/MVS syncpoint coordination delay time			237
SOIOWTT	SCLOCK	CMF	8	MAX		TCP/IP sockets I/O wait time			238
RRMSURID	HEX	CMF	16	MIN		RRMS/MVS unit of recovery ID			239
PCDPLCT	BINARY	CMF	4	AVG		Distributed program link (DPL) request count			240
CLIPADDR	CHAR	CMF	16	DIF		Client IP address			241
SOBYENCT	BINARY	CMF	4	AVG		Number of socket bytes encrypted			242
SOBYDECT	BINARY	CMF	4	AVG		Number of socket bytes decrypted			243
TERMID	CHAR	CMF	4	DIF		Actual terminal ID or session ID			244
JVMTIME	SCLOCK	CMF	8	MAX		Total Java virtual machine (JVM) elapsed time			245
JVMSUSP	SCLOCK	CMF	8	MAX		Total Java virtual machine (JVM) suspend time			246
BRTOKEN	HEX	INQ	8	DIF		3270 Bridge Facility Token	E530		247
PURGETYPE	CVDAS	INQ	4	LIKE	yes	Purge Type	E620		248

Resource table descriptions

Table 442. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
PURGETYPE Input/Output Valid Values	PURGE FORCEPURGE KILL								
DFHSTOR033	BINARY	STAT	4	AVG		Task storage UDSA			253
DFHSTOR106	BINARY	STAT	4	AVG		Task storage EUDSA			254
DFHSTOR116	BINARY	STAT	4	AVG		Task storage CDSA			255
DFHSTOR119	BINARY	STAT	4	AVG		Task storage ECDSA			256
DFHSTOR087	BINARY	STAT	4	AVG		Program storage - Total			257
DFHSTOR139	BINARY	STAT	4	AVG		Program storage - Above			258
DFHSTOR108	BINARY	STAT	4	AVG		Program storage - Below			259
DFHSTOR142	BINARY	STAT	4	AVG		Program storage - ECDSA			260
DFHSTOR143	BINARY	STAT	4	AVG		Program storage - CDSA			261
DFHSTOR122	BINARY	STAT	4	AVG		Program storage - ERDSA			262
DFHSTOR162	BINARY	STAT	4	AVG		Program storage - RDSA			263
DFHSTOR161	BINARY	STAT	4	AVG		Program storage - ESDSA			264
DFHSTOR160	BINARY	STAT	4	AVG		Program storage - SDSA			265
DFHSTOCK292	BINARY	STAT	4	AVG		Non-persistent sockets			266
DFHSTOCK293	BINARY	STAT	4	AVG		Persistent sockets			267
APPLNAMETRAN	CHAR	STAT	4	DIF		Applname - Transaction name			268
APPLNAMEPROG	CHAR	STAT	8	DIF		Applname - Program name			269
CURRENTPROG	CHAR	INQ	8	DIF		Current program being executed			270
TMTRTRS	DECIMAL	STAT	4	MAX		Transaction sequence number			274
TMRTGPID	HEX	STAT	28	DIF		Transaction group id			275
TMRNETID	CHAR	STAT	8	DIF		Network id	E530		277
TMRRLUNM	CHAR	STAT	8	DIF		Real LUNAME	E530		278
TMRPORTN	BINARY	STAT	4	AVG		TCP/IP service port number	E530		279
TMROTSID	CHAR	STAT	128	DIF		OTS transaction id	E530		280

Table 442. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
TMRCTFACT	BINARY	STAT	4	AVG		Number OO class library API requests			281
TMRWBRRP	BINARY	STAT	4	AVG		Number repository reads			282
TMRWBRC	BINARY	STAT	4	AVG		Number WEB EXTRACT requests	E530		283
TMRWBRC	BINARY	STAT	4	AVG		Number WEB BROWSE requests	E530		284
TMRWBRC	BINARY	STAT	4	AVG		Number WEB READ requests	E530		285
TMRWBRC	BINARY	STAT	4	AVG		Number WEB WRITE requests	E530		286
TMRSOERC	BINARY	STAT	4	AVG		EXTRACT TCPIP & EXTRACT CERTIFICATE request count	E530		287
TMRSOCNS	BINARY	STAT	4	AVG		Number CREATE non-persistent socket requests	E530		288
TMRSOCPS	BINARY	STAT	4	AVG		Number CREATE persistent socket requests	E530		289
TMRSONHW	BINARY	STAT	4	AVG		Non-persistent socket HWM	E530		290
TMR SOPHW	BINARY	STAT	4	AVG		Persistent socket HWM	E530		291
TMRSORCT	BINARY	STAT	4	AVG		Number socket receive requests	E530		292
TMRSOCIN	BINARY	STAT	4	AVG		Number characters received	E530		293
TMRSOCST	BINARY	STAT	4	AVG		Number socket send requests	E530		294
TMRSOCOT	BINARY	STAT	4	AVG		Number characters sent	E530		295
TMR SOTC	BINARY	STAT	4	AVG		Total number socket requests	E530		296
TMR SOIMC	BINARY	STAT	4	AVG		Number inbound socket receive requests	E530		297
TMR SOI1C	BINARY	STAT	4	AVG		Number inbound socket characters received	E530		298
TMR SOOMC	BINARY	STAT	4	AVG		Number inbound socket send requests	E530		299

Resource table descriptions

Table 442. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
TMRSOO1C	BINARY	STAT	4	AVG		Number inbound socket characters sent	E530		300
TMRRODSP	SCLOCK	STAT	8	AVG		User task RO mode dispatch time	E530		301
TMRROCPU	SCLOCK	STAT	8	AVG		User task RO mode CPU time	E530		302
TMRKY8DS	SCLOCK	STAT	8	AVG		User task key 8 mode dispatch time	E530		303
TMRKY8CP	SCLOCK	STAT	8	AVG		User task key 8 mode CPU time	E530		304
TMRJTDLY	SCLOCK	STAT	8	AVG		Maximum Java virtual machine (JVM) TCB delay time	E530		305
TMRHTDLY	SCLOCK	STAT	8	AVG		Maximum Hot-Pooling TCB delay time	E530 and E640 and higher		306
TMRSOOWT	SCLOCK	STAT	8	AVG		Outbound socket I/O wait time	E530		307
TMRQRWWT	SCLOCK	STAT	8	AVG		Request receiver wait time	E530		308
TMRROPWT	SCLOCK	STAT	8	AVG		Request processor wait time	E530		309
TMRDIDWT	SCLOCK	STAT	8	AVG		OTS indoubt wait time	E530		310
TMRJVMIT	SCLOCK	STAT	8	AVG		Java virtual machine (JVM) elapsed time - initialise	E530		311
TMRJVMRT	SCLOCK	STAT	8	AVG		Java virtual machine (JVM) elapsed time - resetting	E530		312
TMRPTPWT	SCLOCK	STAT	8	AVG		Partner wait time	E530		313
DETRANATYPE	EYUDA	CPSM	4	LIKE		Transaction type details			314
DETRANATYPE Output Valid Values	NONE	SYSTEM MIRROR DPL ONCRPC WEB BRIDGE CICSBTS							
BTECOMP	EYUDA	CPSM	4	LIKE		Workload manager begin-to-end phase complete			315
BTECOMP Output Valid Values	YES NO								

Table 442. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
EXECOMP	EYUDA	CPSM	4	LIKE		Workload manager execution phase complete			316
EXECOMP Output Valid Values	YES NO								
SUBEXECOMP	EYUDA	CPSM	4	LIKE		WLM subset of execution phase complete			317
SUBEXECOMP Output Valid Values	YES NO								
ORIGINTYPE	EYUDA	CPSM	4	LIKE		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								
RESOLVEACT	EYUDA	CPSM	4	LIKE		Recovery manager UOW resolved with indoubt action			319
RESOLVEACT Output Valid Values	YES NO								
SHUNTED	EYUDA	CPSM	4	LIKE		Recovery manager UOW shunted			320
SHUNTED Output Valid Values	YES NO								
UNSHUNTED	EYUDA	CPSM	4	LIKE		Recovery manager UOW unshunted			321
UNSHUNTED Output Valid Values	YES NO								
INDOUBTFAIL	EYUDA	CPSM	4	LIKE		Recovery manager UOW indoubt failure			322
INDOUBTFAIL Output Valid Values	YES NO								

Resource table descriptions

Table 442. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
ROFAIL	EYUDA	CPSM	4	LIKE		Recovery manager JOW resource owner failure			323
ROFAIL Output Valid Values	YES NO								
RESPTIME	INTSTCK	CPSM	8	MAX		Task response time			324
TMRNETSX	HEX	CMF	8	DIF		LU6.2 network-wide UOW instance & sequence number			325
TMRTCPVS	CHAR	CMF	8	DIF		TCP/IP Service name	E530		326
TMRCBRNM	CHAR	CMF	4	N/A		CorbaServer name	E530 and E620		327
TMRDSTHW	BINARY	CMF	4	AVG		CICS dispatcher TCB high water mark	E620		328
TMREJBAC	BINARY	CMF	4	AVG		Number of bean state activation requests	E620		329
TMREJBPC	BINARY	CMF	4	AVG		Number of bean state passivation requests	E620		330
TMREJBCC	BINARY	CMF	4	AVG		Number of bean creation requests	E620		331
TMREJBRC	BINARY	CMF	4	AVG		Number of bean removal requests	E620		332
TMREJMCT	BINARY	CMF	4	AVG		Number of Enterprise bean method calls	E620		333
TMREJBTC	BINARY	CMF	4	AVG		Total number of Enterprise bean requests	E620		334
TMRKY9DS	SCLOCK	STAT	8	AVG		User task key 9 mode dispatch time	E620		335
TMRKY9CP	SCLOCK	STAT	8	AVG		User task key 9 mode CPU time	E620		336
TMRJ9CPU	SCLOCK	CMF	8	MAX		J9 TCB mode CPU time	E620		337
TMRDSMWT	SCLOCK	CMF	8	MAX		Dispatcher TCB mismatch wait time	E620		338

Table 442. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
TMRDSCWT	SCLOCK	CMF	8	MAX		MVS DS storage constraint wait time	E620		339
CORREUOW	HEX	CMF	23	MIN		Correlation UOW id			340
NETUOWID	HEX	CMF	27	MIN		Network id of UOW			341
TMRPCDLL	BINARY	CMF	4	AVG		Data length of all DPL program links with channel	E620 and E630		343
TMRPCDRL	BINARY	CMF	4	AVG		Total data length of all DPL returns with channel	E620 and E630		344
TMRPCLCC	BINARY	CMF	4	AVG		Number of program link requests with channel	E620 and E630		345
TMRPCXCC	BINARY	CMF	4	AVG		Number of program XCTL requests with channel	E620 and E630		346
TMRPCDCC	BINARY	CMF	4	AVG		Number of DPL program link requests with channel	E620 and E630		347
TMRPCRCC	BINARY	CMF	4	AVG		Number of program return requests with channel	E620 and E630		348
TMRPCRCL	BINARY	CMF	4	AVG		Data length of all program returns with channel	E620 and E630		349
TMRPGCTC	BINARY	CMF	4	AVG		Total number of channel data container requests	E620 and E630		350
TMRPGBCC	BINARY	CMF	4	AVG		Number of browse container channel requests	E620 and E630		351
TMRPGGCC	BINARY	CMF	4	AVG		Number of get container channel requests	E620 and E630		352
TMRPGPCC	BINARY	CMF	4	AVG		Number of put container channel requests	E620 and E630		353
TMRPGMCC	BINARY	CMF	4	AVG		Number of move container channel requests	E620 and E630		354
TMRPGGCL	BINARY	CMF	4	AVG		Data length of all get container channel requests	E620 and E630		355
TMRPGPCL	BINARY	CMF	4	AVG		Data length of all put container channel requests	E620 and E630		356

Resource table descriptions

Table 442. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
TMRWBWIC	BINARY	CMF	4	AVG		Number of invoke web service requests	E620 and E630		357
TMRWBROC	BINARY	CMF	4	AVG		Number of web read requests	E620 and E630		358
TMRWBWOC	BINARY	CMF	4	AVG		Number of web write requests	E620 and E630		359
TMRWBIRC	BINARY	CMF	4	AVG		Number of web receive requests	E620 and E630		360
TMRWB1C	BINARY	CMF	4	AVG		Number of bytes received by web requests	E620 and E630		361
TMRWBOSC	BINARY	CMF	4	AVG		Number of web send requests	E620 and E630		362
TMRWBO1C	BINARY	CMF	4	AVG		Number of bytes sent by web send requests	E620 and E630		363
TMRWBPRC	BINARY	CMF	4	AVG		Number of web parse requests	E620 and E630		364
TMRWBBOC	BINARY	CMF	4	AVG		Number of web browse requests	E620 and E630		365
TMRSTDLY	SCLOCK	CMF	8	AVG		Maximum CICS SSL TCB delay time	E620 and E630		366
TMRXTDLY	SCLOCK	CMF	8	AVG		Maximum CICS XPLink TCB delay time	E620 and E630		367
TMRCMDLY	SCLOCK	CMF	8	AVG		CICS TCB Change Mode delay time	E620 and E630		368
TMRX8CPU	SCLOCK	CMF	8	AVG		User task X8 mode CPU time	E620 and E630		369
TMRX9CPU	SCLOCK	CMF	8	AVG		User task X9 mode CPU time	E620 and E630		370
TMRICSCC	BINARY	CMF	4	AVG		Total local interval control starts with channel	E620 and E630		371
TMRICSCD	BINARY	CMF	4	AVG		Data length of all local IC starts with channel	E620 and E630		372
TMRICSRC	BINARY	CMF	4	AVG		Total remote interval control starts with channel	E620 and E630		373
TMRICSRD	BINARY	CMF	4	AVG		Data length of all remote IC starts with channel	E620 and E630		374

Table 442. TASK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
TMRL9CPU	SCLOCK	CMF	8	MAX		User task L9 mode CPU time	E620 and E630		375
DFHTASK252	BINARY	STAT	4	AVG		Current CICS dispatcher TCBS	E620		376
TMRWBRDL	BINARY	CMF	4	AVG		Data length of data read from the repository	E620 and E630		377
TMRWBWDL	BINARY	CMF	4	AVG		Data length of data written to the repository	E620 and E630		378
TMRPGCCC	BINARY	CMF	4	AVG		Number of containers created for channel containers	E620 and E630		379

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.

Length 40
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Resource
Copybook identifier EYUt0144 or TASKESTG
Valid API operations GET

Table 443. TASKESTG resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
TASK-1	DECIMAL	INQ	4	MAX	Task number	1
ELEMENTADDR-2	HEX	INQ	4	MAX	Storage element address	2
DSANAME	CHAR	STAT	8	DIF	DSA name	3
ELEMENTLEN	BINARY	INQ	4	AVG	Element length	4

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.

Length	176
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0115 or TASKFILE
Valid API operations	GET

Table 444. TASKFILE resource table attributes

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

TASKRMI Resource Table

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

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

For GET requests, an optional parameter may be specified as follows:

PARM('INCL_QUEUED(YESINO).')

where:

YES (default) indicates that tasks queued for MAXTASKS or TRANCLASS
MAXACTIVE should be included in the result set.

NO indicates that tasks queued for MAXTASKS or TRANCLASS MAXACTIVE
should not be included in the result set.

There are no object specific actions for this resource class.

Length 160
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload
 No
Object type CICS Resource
Copybook identifier EYUt0145 or TASKRMI
Valid API operations GET

Table 445. TASKRMI resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
RMITIME	SCLOCK	CMF	8	MAX	Total RMI elapsed time	1
RMITOTALTIME	SCLOCK	CMF	8	MAX	Total RMI suspend time	2
RMIOThERTIME	SCLOCK	CMF	8	MAX	Total other elapsed time	3
RMIDB2TIME	SCLOCK	CMF	8	MAX	DB2 RMI elapsed time	4
RMIDBCTLTIME	SCLOCK	CMF	8	MAX	DBCTL RMI elapsed time	5
RMIEXECDLITM	SCLOCK	CMF	8	MAX	DL/I RMI elapsed time	6
RMIMQSERIEST	SCLOCK	CMF	8	MAX	MQSeries RMI elapsed time	7
RMICPSMTIME	SCLOCK	CMF	8	MAX	CICSplex SM RMI elapsed time	8
RMITCPIPTIME	SCLOCK	CMF	8	MAX	TCP/IP Sockets RMI elapsed time	9
TRANID	CHAR	INQ	4	DIF	Transaction ID	10
TASKID-1	DECIMAL	INQ	4	MAX	Task ID	11

Table 445. TASKRMI resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
USERID	CHAR	INQ	8	DIF	User ID	12
START	TIMESTP	CMF	8	MAX	Task start time	13
STOP	TIMESTP	CMF	8	MAX	Task stop time	14
RESPTIME	INTSTCK	CPSM	8	MAX	Task response time	15
DISPTIME	SCLOCK	CMF	8	MAX	User task dispatch time	16
CPUTIME	SCLOCK	CMF	8	MAX	User task CPU time	17
SUSPTIME	SCLOCK	CMF	8	MAX	Task suspend time	18
WAITTIME	SCLOCK	CMF	8	MAX	Dispatch wait time	19

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.

Length	120
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0146 or TASKTSQ
Valid API operations	GET

Table 446. TASKTSQ resource table attributes

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

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.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6159 or TCLINGRP
Valid API operations	GET CREATE and REMOVE

Table 447. TCLINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 448. TCLINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
TRNCLGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
TRNCLNAME-2	CHAR	CPSM	8	Yes	DIF	Transaction class definition name	6
TRNCLVER-3	BINARY	CPSM	1	Yes	AVG	Transaction class definition version	7

TCPDEF Resource Table

A CICS Definition that describes a TCP/IP Service.

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

The following actions are supported:

INSTALL

Install a TCP/IP Service Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	328
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3823 or TCPDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	GET [CICSSYS] [RESGROUP] CREATE [RESGROUP]

API Actions

INSTALL	Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTOGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 449. TCPDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string terminator
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed
INV_NAME	Invalid name	NOTIFY	Notify

Table 449. TCPDEF FEEDBACK error codes (continued)

INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid oertype	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLen	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Resource table descriptions

Table 450. TCPDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	TCP/IP service definition name			7
PORTNUMBER	CHAR	CPSM	8	Yes	DIF	Port number		1-65535	8
STATUS	CVDAS	CPSM	4	Yes	LIKE	TCP/IP service status	OPEN		9
STATUS Input/Output Valid Values	OPEN CLOSED								
TRANSACTION	CHAR	CPSM	4	Yes	DIF	CICS transaction ID			10
URM	CHAR	CPSM	8	No	DIF	User-replaceable module name			11
BACKLOG	CHAR	CPSM	8	Yes	DIF	Queue backlog limit	00001	0-32767	12
SSL	EYUDA	CPSM	4	Yes	LIKE	Secure sockets layer (SSL) type	NO		13
SSL Input/Output Valid Values	YES NO CLIENTAUTH								
CERTIFICATE	CHAR	CPSM	56	No	DIF	Certificate			15
CREATETIME	DATE TIME	CPSM	8	Yes	MAX	Definition create time			16
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			17
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			18
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			19
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			20
TSQPREFIX	CHAR	CPSM	6	No	DIF	TS queue prefix			21
IPADDRESS	CHAR	CPSM	15	No	DIF	IP address			22
SOCKETCLOSE	CHAR	CPSM	6	No	DIF	Timeout for socket close (HHMMSS)			23
AUTHENTICATE	EYUDA	CPSM	4	Yes	LIKE	Authentication level	NO		25
AUTHENTICATE Input/Output Valid Values	NO BASIC CERTIFICATE AUTOREGISTER AUTOMATIC NOTAPPLIC ASSERTED								
PROTOCOL	CVDAS	CPSM	4	No	LIKE	Protocol			26

Table 450. TCPDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
PROTOCOL Input/Output Valid Values	HTTP IIOPECI USER NOTAPPLIC								
DNSGROUP	CHAR	CPSM	18	No	DIF	Domain name service (DNS) group			27
GRPCRITICAL	EYUDA	CPSM	4	No	LIKE	Critical domain name service (DNS) group member	NOTAPPLIC		29
GRPCRITICAL Input/Output Valid Values	NO YES NOTAPPLIC								
ATTACHSEC	EYUDA	CPSM	4	No	LIKE	Attach-time security	NOTAPPLIC		30
ATTACHSEC Input/Output Valid Values	LOCAL VERIFY NOTAPPLIC								
PRIVACY	CVDAS	CPSM	4	No	LIKE	Privacy	NOTAPPLIC		31
PRIVACY Input/Output Valid Values	REQUIRED SUPPORTED NOTSUPPORTED NOTAPPLIC								
CIPHERS	CHAR	CPSM	56	No	LIKE	SSL cipher suite codes			32
MAXDATALEN	CHAR	CPSM	6	No	DIF	Maximum length of data to be received or sent	32	3-524288	33

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.

Length 32
Usage API or Batch Utility
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Definition
Copybook identifier EYUt6168 or TCPINGRP
Valid API operations GET CREATE and REMOVE

Table 451. TCPINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 452. TCPINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
TCPGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource Group name	5
TCPNAME-2	CHAR	CPSM	8	Yes	DIF	TCP/IP service definition name	6
TCPVER-3	BINARY	CPSM	1	Yes	AVG	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.

Length	352
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0113 or TCPIPGBL
Valid API operations	GET and SET
Unsupported releases	E530

Resource table descriptions

Table 453. TCP/IPGBL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved			
STATUS	CVDAS	INQ	4	LIKE	yes	TCP/IP status	E530	E530	1
STATUS Input/Output Valid Values	OPEN CLOSED IMMCLOSE								
STATUS Output Valid Values	CLOSING IMMCLOSING OPENING								
MAXSOCKETS	BINARY	INQ	4	AVG	yes	Maximum number of TCP/IP sockets	E530	E530	2
ACTSOCKETS	BINARY	INQ	4	AVG		Number of active TCP/IP sockets			3
CINSOCKETS	BINARY	STAT	4	AVG		Number of inbound sockets			4
PINSOCKETS	BINARY	STAT	4	MAX		Peak number of inbound sockets			5
COUSOCKETS	BINARY	STAT	4	AVG		Number of outbound sockets			6
POUSOCKETS	BINARY	STAT	4	MAX		Peak number of outbound sockets			7
CPERSOCKETS	BINARY	STAT	4	AVG		Number of persistent outbound sockets			8
PPERSOCKETS	BINARY	STAT	4	MAX		Peak number of persistent outbound sockets			9
INSOCKETSCR	BINARY	STAT	4	AVG		Number of inbound sockets created			10
OUTSOCKETSCR	BINARY	STAT	4	AVG		Number of outbound sockets created			11
OUTSOCKETSCCL	BINARY	STAT	4	AVG		Number of outbound sockets closed			12
TIMMAXSOCKS	BINARY	STAT	4	AVG		Number of times maximum sockets reached			13

Table 453. TCP/IPGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
DELMAXSOCKS	BINARY	STAT	4	AVG		Total number of requests delayed at maximum sockets			14
QTMASOCKS	BINARY	STAT	4	AVG		Total delay time at maximum sockets (seconds)			15
TDOMAXSOCKS	BINARY	STAT	4	AVG		Number of timeouts at maximum sockets			16
CDELMAXSOCKS	BINARY	STAT	4	AVG		Current number of requests delayed at maximum sockets			17
PDELMAXSOCKS	BINARY	STAT	4	MAX		Peak number of requests delayed at maximum sockets			18
CQTMASOCKS	BINARY	STAT	4	AVG		Current delay time at maximum sockets (seconds)			19
SSLCACHE	CVDAS	INQ	4	LIKE		SSL cache type	E530, E620 and E630		20
SSLCACHE Output Valid Values	CICS SYSPLEX								
CRLPROFILE	CHAR	INQ	246	LIKE		Certificate Revocation List profile name	E530, E620 and E630		21
RSVD1	CHAR	CPSM	9	LIKE		Reserved area	E530, E620, E630 and 640		22

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.

Length	272
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0103 or TCPIPS
Valid API operations	GET SET and PERFORM

API Actions

DISCARD	Discard
OPEN	Parameters: None Open
CLOSE	Parameters: None Close
IMMCLOSE	Parameters: None Close immediate
DEREGISTER	Parameters: None Deregister
	Parameters: None

Table 454. TCP/IPs resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved			
NAME-1	CHAR	INQ	8	DIF		TCP/IP service name			1
PORT	BINARY	INQ	4	MAX		Port number			2
BACKLOG	BINARY	INQ	4	AVG	yes	Queue backlog limit		E530	3
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								
TRANSID	CHAR	INQ	4	DIF		CICS transaction ID			5
URM	CHAR	INQ	8	DIF	yes	User-replaceable module name			6
SSLTYPE	CVDAS	INQ	4	LIKE		Secure sockets layer (SSL) type			7
SSLTYPE Output Valid Values	SSL NOSSL CLIENTAUTH								
CONNECTIONS	BINARY	INQ	4	AVG		Number of connections			8
TSQPREFIX	CHAR	INQ	6	DIF		TS queue prefix			9
IPADDRESS	CHAR	INQ	15	DIF		IP address			10
TRANATTACH	BINARY	STAT	4	AVG		Number of transactions attached			12
PEAKCONNS	BINARY	STAT	4	AVG		Peak number of connections			13
GMTSERVOPN	DATETIME	STAT	8	MAX		GMT service open time			14
TIMEOPEN	DATETIME	STAT	8	MAX		Local service open time			15
SENDS	BINARY	STAT	4	AVG		Number of sends across all sockets			18

Resource table descriptions

Table 454. TCP/IPs resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
BYTESENT	BINARY	STAT	8	AVG		Number of bytes sent across all sockets			19
RECEIVES	BINARY	STAT	4	AVG		Number of receives across all sockets			20
BYTERCVD	BINARY	STAT	8	AVG		Number of bytes received across all sockets			21
SOCKETCLOSE	CVDAS	INQ	4	LIKE		Socket close action			22
SOCKETCLOSE Output Valid Values	WAIT TIMEOUT								
CLOSETIMEOUT	BINARY	INQ	4	AVG		Timeout for socket close (seconds)			23
AUTHENTICATE	CVDAS	INQ	4	LIKE		Authentication level	E530		24
AUTHENTICATE Output Valid Values	AUTOAUTH AUTOREGISTER BASICAUTH CERTIFICAUTH NOAUTHENTIC ASSERTED								
CERTIFICATE	CHAR	INQ	32	DIF		Certificate	E530		25
PROTOCOL	CVDAS	INQ	4	LIKE		Protocol	E530		27
PROTOCOL Output Valid Values	HTTP IIOP NOTAPPLIC ECI								
DNSGROUP	CHAR	INQ	18	DIF		Domain name service (DNS) group	E530		28
DNSSTATUS	CVDAS	INQ	4	LIKE	yes	Domain name service (DNS) status	E530		30
DNSSTATUS Input/Output Valid Values	DEREGISTERED								
DNSSTATUS Output Valid Values	UNAVAILABLE UNREGISTERED REGISTERED DEREGERROR NOTAPPLIC								

Table 454. TCP/IPs resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
GRPCRITICAL	CVDAS	INQ	4	LIKE		Critical domain name service (DNS) group member	E530		31
GRPCRITICAL Output Valid Values	NONCRITICAL CRITICAL								
ATTACHSEC	CVDAS	INQ	4	LIKE		Attach-time security	E530		32
ATTACHSEC Output Valid Values	LOCAL VERIFY								
PRIVACY	CVDAS	INQ	4	LIKE		Privacy for clients using this service	E530 and E620		33
PRIVACY Output Valid Values	REQUIRED SUPPORTED NOTSUPPORTED								
CIPHERS	CHAR	INQ	56	LIKE		SSL cipher suite codes	E530, E620 and E630		34
NUMCIPHERS	BINARY	INQ	2	LIKE		Number of SSL cipher suite codes	E530, E620 and E630		35
MAXDATALEN	BINARY	INQ	4	AVG	yes	Maximum length of data that may be received	E530, E620 and E630		37

TDQDEF Resource Table

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

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

The following actions are supported:

INSTALL

Install a Transient Data Queue Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	360
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3811 or TDQDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	

GET [RESGROUP] [CICSSYS]

CREATE
[RESGROUP]

API Actions

INSTALL

Install

PARM(' [NOTIFY(*value*)] USAGE(*value*)
[FORCEINS(*value*)] [STATECHK(*value*)]
[MODE(*value*)] [OVERTYPE(*value*)]
[OVERRIDE(*override*)] TARGET(*value*)
[RELATED(*value*)] .')

ADDTOGRP

Add to resource group

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

Table 455. TDQDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string term
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected

Table 455. TDQDEF FEEDBACK error codes (continued)

INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed
INV_NAME	Invalid name	NOTIFY	Notify
INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid oertype	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Resource table descriptions

Table 456. TDQDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	Transient data queue (TDQ) definition name			7
BLOCKFORMAT	CVDAS	CPSM	4	No	LIKE	Block option	NOTAPPLIC		9
BLOCKFORMAT Input/Output Valid Values	BLOCKED UNBLOCKED NOTAPPLIC								
RECORDFORMAT	CVDAS	CPSM	4	No	LIKE	Record format	UNDEFINED		10
RECORDFORMAT Input/Output Valid Values	UNDEFINED VARIABLE FIXED								
DISPOSITION	EYUDA	CPSM	4	Yes	LIKE	Disposition	SHR		11
DISPOSITION Input/Output Valid Values	SHR OLD MOD								
ERROROPTION	EYUDA	CPSM	4	Yes	LIKE	Error option	IGNORE		12
ERROROPTION Input/Output Valid Values	IGNORE SKIP								
OPENTIME	EYUDA	CPSM	4	Yes	LIKE	Data set open time	INITIAL		13
OPENTIME Input/Output Valid Values	INITIAL DEFERRED								
PRINTCONTROL	EYUDA	CPSM	4	No	LIKE	Printer control	N_A		14
PRINTCONTROL Input/Output Valid Values	ASA MACHINE N_A								
REWIND	EYUDA	CPSM	4	Yes	LIKE	Tape disposition	LEAVE		15
REWIND Input/Output Valid Values	LEAVE REREAD								

Table 456. TDQDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
ATIFACILITY	EYUDA	CPSM	4	Yes	LIKE	Destination type	TERMINAL		16
ATIFACILITY Input/Output Valid Values	TERMINAL FILE SYSTEM								
RECOVSTATUS	EYUDA	CPSM	4	Yes	LIKE	Recovery option	NO		17
RECOVSTATUS Input/Output Valid Values	NO PHYSICAL LOGICAL								
WAIT	EYUDA	CPSM	4	Yes	LIKE	Wait for UOW resynchronization	N_A		18
WAIT Input/Output Valid Values	YES NO N_A								
WAITACTION	EYUDA	CPSM	4	Yes	LIKE	In-doubt UOW wait action	N_A		19
WAITACTION Input/Output Valid Values	REJECT QUEUE N_A								
TYPEFILE	CVDAS	CPSM	4	Yes	LIKE	Data set type	INPUT		20
TYPEFILE Input/Output Valid Values	INPUT OUTPUT RDBACK								
BLOCKSIZE	CHAR	CPSM	8	No	DIF	Block size	0	0-32767	21
RECORDSIZE	CHAR	CPSM	8	No	DIF	Record size	1	0-32767	22
DATABUFFERS	CHAR	CPSM	4	No	DIF	Number of buffers	1	1-255	23
TRIGGERLEVEL	CHAR	CPSM	8	No	DIF	Trigger level	1	0-32767	24
REMOTELENGTH	CHAR	CPSM	8	No	DIF	Remote length	1	0-32767	25
TDQTYPE	EYUDA	CPSM	4	Yes	LIKE	Transient data queue (TDQ) type	EXTRA		26
TDQTYPE Input/Output Valid Values	EXTRA INTRA INDIRECT REMOTE								
SYSOUTCLASS	CHAR	CPSM	1	No	DIF	System output (SYSOUT) class			27
DDNAME	CHAR	CPSM	8	Yes	DIF	Data set name defined in JCL			29

Resource table descriptions

Table 456. TDQDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
DSNAME	CHAR	CPSM	44	No	DIF	QSAM data set defined in JCL			30
FACILITYID	CHAR	CPSM	4	No	DIF	Facility identifier			31
TRANSID	CHAR	CPSM	4	No	DIF	Transaction started at trigger level			32
USERID	CHAR	CPSM	8	No	DIF	User ID on the triggered transaction			33
INDIRECTNAME	CHAR	CPSM	4	No	DIF	Indirect transient data queue (TDQ) name			34
REMO TENAME	CHAR	CPSM	4	No	DIF	Remote transient data queue (TDQ) name			35
REMO TESYSTEM	CHAR	CPSM	4	No	DIF	System identifier of remote destination			36
DEVFILENAME	CHAR	CPSM	40	Yes	DIF	Device file name			37
TERMID	CHAR	CPSM	4	No	DIF	Terminal name			38
RSL	CHAR	CPSM	8	No	DIF	Resource security value	PUBLIC	1-24	39
RSL Input/Output Valid Values	PUBLIC								
REUSE	EYUDA	CPSM	4	Yes	LIKE	Reuse control intervals	YES		40
REUSE Input/Output Valid Values	YES NO								
RESIDENT	EYUDA	CPSM	4	Yes	LIKE	Queue is resident or non-resident	YES		41
RESIDENT Input/Output Valid Values	YES NO								
TAPEMARK	EYUDA	CPSM	4	Yes	LIKE	Write a file tapemark	NO		42
TAPEMARK Input/Output Valid Values	YES NO								
FILELABEL	EYUDA	CPSM	4	Yes	LIKE	Write a standard label	NO		43
FILELABEL Input/Output Valid Values	YES NO								
DEVICETYPE	EYUDA	CPSM	4	Yes	LIKE	Type of device	DISK		44

Table 456. TDQDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
DEVICETYPE Input/Output Valid Values	DISK TAPE PRINTER								
PRINTERNUM	CHAR	CPSM	4	No	DIF	Printer number	1403	1403-5203	45
BUFNO	CHAR	CPSM	4	No	DIF	Number of buffers	1	1-255	46
DEVICEINIT	EYUDA	CPSM	4	Yes	LIKE	Open at initialization	INITIAL		47
DEVICEINIT Input/Output Valid Values	INITIAL DEFERRED								
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Definition create time			48
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			49
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			50
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			51
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			52

TDQGBL Resource Table

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

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

There are no object specific actions for this resource class.

Length	120
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0025 or TDQGBL
Valid API operations	GET

Table 457. TDQGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
BUFFERS	BINARY	STAT	4	AVG	Number of intrapartition buffers		1
PEAKQACTV	BINARY	STAT	4	AVG	Peak number of queues that contain data		2
ACCESSCNT	BINARY	STAT	4	AVG	Number of intrapartition accesses		3
PEAKCACCESS	BINARY	STAT	4	AVG	Peak number of concurrent intrapartition accesses		4
BUFFWAITS	BINARY	STAT	4	AVG	Number of intrapartition buffer waits		5
PEAKBWAIT	BINARY	STAT	4	AVG	Peak number of intrapartition buffer waits		6
CISIZE	BINARY	STAT	4	AVG	Control interval size		7
CINUM	BINARY	STAT	4	AVG	Number of control intervals		8
PEAKCIUSE	BINARY	STAT	4	AVG	Peak number of control intervals used		9
NOSPACECNT	BINARY	STAT	4	AVG	Number of times NOSPACE occurred		10
WRITES	BINARY	STAT	4	AVG	Number of writes to data set		11
READS	BINARY	STAT	4	AVG	Number of data set reads		12
FMTWRITE	BINARY	STAT	4	AVG	Number of formatting writes		13
IOERRS	BINARY	STAT	4	AVG	Number of I/O errors		14
STRINGS	BINARY	STAT	4	AVG	Number of strings		15
STRACCESS	BINARY	STAT	4	AVG	Number of times string accessed		16
PEAKSTRACC	BINARY	STAT	4	AVG	Peak number of concurrent string accesses		17
STRNGWAITS	BINARY	STAT	4	AVG	Number of string waits		18

Resource table descriptions

Table 457. TDQGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
PEAKSTRWAIT	BINARY	STAT	4	AVG	Peak number of string waits		19
CURCONBUFAC	BINARY	STAT	4	AVG	Number of current concurrent buffer accesses		20
CURBUFFWAIT	BINARY	STAT	4	AVG	Number of current buffer waits		21
CURBUFVALDA	BINARY	STAT	4	AVG	Number of current buffers with valid data		22
CURCONSTRAC	BINARY	STAT	4	AVG	Number of current concurrent string accesses		23
CURSTRWAITS	BINARY	STAT	4	AVG	Number of current string waits		24
NUMCTRLINTV	BINARY	STAT	4	AVG	Number of control intervals in use		25

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.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6156 or TDQINGRP
Valid API operations	GET CREATE and REMOVE

Table 458. TDQINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 459. TDQINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
TDQGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
TDQNAME-2	CHAR	CPSM	8	Yes	DIF	TDQ definition name	6
TDQVER-3	BINARY	CPSM	1	Yes	AVG	TDQ definition version	7

TERMDEF Resource Table

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

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

The following actions are supported:

INSTALL

Install a Terminal Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	600
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3812 or TERMDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	

GET [RESGROUP] [CICSSYS]

CREATE
[RESGROUP]

API Actions

INSTALL

Install

PARM(' [NOTIFY(*value*)] USAGE(*value*)
[FORCEINS(*value*)] [STATECHK(*value*)]
[MODE(*value*)] [OVERTYPE(*value*)]
[OVERRIDE(*override*)] TARGET(*value*)
[RELATED(*value*)] .')

ADDTOGRP

Add to resource group

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

Table 460. TERMDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string terminator
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected

Table 460. TERMDEF FEEDBACK error codes (continued)

INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed
INV_NAME	Invalid name	NOTIFY	Notify
INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid oertype	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Resource table descriptions

Table 461. TERMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	Terminal definition name			7
ALTPRINTER	CHAR	CPSM	4	No	DIF	Alternate printer name			9
ALTPRINTCOPY	EYUDA	CPSM	4	Yes	LIKE	Hardware COPY feature for alternate printer	NO		10
ALTPRINTCOPY Input/Output Valid Values	YES NO								
ATTACHSEC	EYUDA	CPSM	4	Yes	LIKE	Level of attach-time security	LOCAL		11
ATTACHSEC Input/Output Valid Values	LOCAL IDENTIFY VERIFY PERSISTENT MIXIDPE								
AUTOINSMODEL	EYUDA	CPSM	4	Yes	LIKE	Model for autoinstall option	NO		12
AUTOINSMODEL Input/Output Valid Values	YES NO ONLY								
AUTOINSNAME	CHAR	CPSM	8	No	DIF	Name of autoinstall model definition			13
BINDSECURITY	EYUDA	CPSM	4	Yes	LIKE	Bind-time security	NO		14
BINDSECURITY Input/Output Valid Values	YES NO								
CONSOLE	CHAR	CPSM	4	No	DIF	Console ID		0-250	15
CONSOLE Input/Output Valid Values	NO								
CONSOLENAME	CHAR	CPSM	8	No	DIF	Console name			16
MODENAME	CHAR	CPSM	8	No	DIF	Logmode name			17
NETNAME	CHAR	CPSM	8	No	DIF	VTAM network name			18
POOL	CHAR	CPSM	8	No	DIF	Pool name for pipeline terminal			19
PRINTER	CHAR	CPSM	4	No	DIF	Printer name			20

Table 461. TERMDDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
REMOTESYSTEM	CHAR	CPSM	4	No	DIF	Remote system name			21
REMOTESYSNET	CHAR	CPSM	8	No	DIF	Remote system network name			22
REMOTENAME	CHAR	CPSM	8	No	DIF	Terminal name in the remote system			23
SECURITYNAME	CHAR	CPSM	8	No	DIF	Security name of the remote system			24
TRANSACTION	CHAR	CPSM	4	No	DIF	Fixed transaction ID			25
TYPETERM	CHAR	CPSM	8	Yes	DIF	Typeterm definition name			26
USERID	CHAR	CPSM	8	No	DIF	User ID			27
BINDPASSWORD	HIDCHAR	CPSM	16	No	DIF	Bind password			28
TASKLIMIT	CHAR	CPSM	8	No	DIF	Concurrent task limit for pipeline session		1-32767	29
TASKLIMIT Input/Output Valid Values	NO								
TERMPRIORITY	CHAR	CPSM	4	No	DIF	Terminal priority	0	0-255	30
PRINTERCOPY	EYUDA	CPSM	4	Yes	LIKE	Hardware copy feature	NO		31
PRINTERCOPY Input/Output Valid Values	YES NO								
INSERVICE	EYUDA	CPSM	4	Yes	LIKE	Terminal inservice	YES		32
INSERVICE Input/Output Valid Values	YES NO								
OPERPRIORITY	CHAR	CPSM	4	No	DIF	Operator priority	0	0-255	33
NATLANG	CHAR	CPSM	1	No	DIF	Language for NLS-enabled messages			46
OPERID	CHAR	CPSM	3	No	DIF	Operator identifier for BMS			47
SPOOLPRTRSL	CHAR	CPSM	8	No	DIF	Spool print resource security level (RSL)	PUBLIC	1-24	52
SPOOLPRTRSL Input/Output Valid Values	PUBLIC								
SPOOLPRTRTO	CHAR	CPSM	4	No	DIF	Spool printer inactive time allowed	0	0-59	53
SPOOLDEST	CHAR	CPSM	8	No	DIF	Spool destination			54

Resource table descriptions

Table 461. TERMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
SPOOLTO	CHAR	CPSM	8	No	DIF	Default spool printer name			55
PRINTEDMSG	EYUDA	CPSM	4	No	LIKE	Send messages to printer	NO		56
PRINTEDMSG Input/Output Valid Values	YES NO								
PRINTIMMED	EYUDA	CPSM	4	No	LIKE	Send end of report indicator	NO		57
PRINTIMMED Input/Output Valid Values	YES NO								
ASSOCPRNTR	CHAR	CPSM	4	No	DIF	Associated printer			58
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Definition create time			59
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			60
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			61
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			62
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			63
OPERRSL	CHAR	CPSM	50	No	DIF	Operator resource security keys			64
OPERSEC	CHAR	CPSM	150	No	DIF	Operator transaction security keys			65
USEDFLTUSER	EYUDA	CPSM	4	No	LIKE	Use default user	N_A		67
USEDFLTUSER Input/Output Valid Values	NO YES N_A								
ATI	EYUDA	CPSM	4	No	LIKE	Automatic transaction initialization allowed	NO		68
ATI Input/Output Valid Values	YES NO								
AUTOCONNECT	EYUDA	CPSM	4	No	LIKE	Autoconnect to occur for terminal	NO		69
AUTOCONNECT Input/Output Valid Values	YES NO ALL								
GCHARCODE	CHAR	CPSM	8	No	DIF	Graphic character set code	0	0-65535	70
COLOR	EYUDA	CPSM	4	No	LIKE	Extended color feature	NO		71

Table 461. TERMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
COLOR Input/Output Valid Values	YES NO								
HIGHLIGHT	EYUDA	CPSM	4	No	LIKE	Extended highlight supported	NO		72
HIGHLIGHT Input/Output Valid Values	YES NO								
KATAKANA	EYUDA	CPSM	4	No	LIKE	Katakana feature supported	NO		73
KATAKANA Input/Output Valid Values	YES NO								
USERAREALEN	CHAR	CPSM	4	No	DIF	Length of the user area for the terminal	0	0-255	74
FULLSCREEN	EYUDA	CPSM	4	No	LIKE	Window style (OS/2)			75
FULLSCREEN Input/Output Valid Values	PMWINDOW FULLSCREEN								
CODEPAGE	CHAR	CPSM	8	No	DIF	Code page		1-65534	76
ASYNCPORT	EYUDA	CPSM	4	No	LIKE	3151 asynchronous port (OS/2)			77
ASYNCPORT Input/Output Valid Values	COM1 COM2 COM3 COM4 COM5 COM6 COM7 COM8								
ASYNCBPS	CHAR	CPSM	8	No	DIF	OS/2 asynchronous line speed (bits per second)			78
ASYNCBPS Input/Output Valid Values	110 150 300 600 1200 1800 2400 3600 4800 9600 19200								
WSSETUP	CHAR	CPSM	8	No	DIF	Workstation setup (OS/2)			79
SCRHIGH	CHAR	CPSM	4	No	DIF	Screen height	24	1-66	80
SCRWIDTH	CHAR	CPSM	4	No	DIF	Screen width	80	1-132	81
UPCASETR	EYUDA	CPSM	4	No	LIKE	Upper case translation			82

Resource table descriptions

Table 461. TERMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
UPCASETR Input/Output Valid Values	YES NO TRANID								
OS2TERMtyp	EYUDA	CPSM	4	No	LIKE	Terminal type (OS/2)			83
OS2TERMtyp Input/Output Valid Values	3270TERM 3270PRINT 3151TERM 3270DBTM 3270DBPR SEQTERM								
PRINCLSMODE	EYUDA	CPSM	4	No	LIKE	Printer close mode			84
PRINCLSMODE Input/Output Valid Values	EOF EOT								
SOLICITED	EYUDA	CPSM	4	No	LIKE	Solicited messages	NO		85
SOLICITED Input/Output Valid Values	NO YES								

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.

Length	456
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0019 or TERMNL
Valid API operations	GET SET and PERFORM

API Actions

DISCARD Discard

Parameters: None

ACQUIRE Acquire

Parameters: None

INSERVICE Set to in service

Parameters: None

OUTSERVICE Set to out of service

Resource table descriptions

PURGE	Parameters: None Purge
FORCEPURGE	Parameters: None Force purge
CANCEL	Parameters: None Cancel
RELEASE	Parameters: None Release
KILL	Parameters: None Kill
	Parameters: None Unsupported releases: E530

Table 462. *TERMNL FEEDBACK* error codes

Code	Description	Code	Description
ACTNOT_SUPPORTED	Action not supported		

Table 463. TERMNL resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved			
TERMINL-1	CHAR	INQ	4	DIF		Terminal ID			1
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								
ATISTATUS	CVDAS	INQ	4	LIKE	yes	Automatic transaction initiation (ATI) status			3
ATISTATUS Input/Output Valid Values	ATI NOATI								
CREATESESS	CVDAS	INQ	4	LIKE	yes	Session creation status			4
CREATESESS Input/Output Valid Values	CREATE NOCREATE								
CREATESESS Output Valid Values	NOTAPPLIC								
ACCESSMETHOD	CVDAS	INQ	4	LIKE		Access method			5
ACCESSMETHOD Output Valid Values	VTAM BSAM BTAMES BGAM TCAM TCAMSNA CONSOLE NETBIOS TCP/IP RPC NOTAPPLIC								
SECURITY	CVDAS	INQ	4	LIKE		Preset security status			6
SECURITY Output Valid Values	PRESETSEC NOPRESETSEC								

Resource table descriptions

Table 463. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
DEVICE	CVDAT	INQ	4	LIKE		Device type			7
DEVICE Output Valid Values	BATCHLU BIPROG BISYNCH CDRDLPR1 CONTNLU HARDCOPY INTACTLU ISMMCONV LUCMODGRP LUCSESS LUTYPE4 LUTYPE6 MAGTAPE RESSYS SDLC SEQDISK SYSTEM3 SYS7BSCA TCONSOLE TELETYPE TTCAM TWX3335 T1050 T1053 T2260L T2260R T2265 T2740 T2741BCD T2741COR T2770 T2780 T3275R T3277L T3277R T3284L T3284R T3286L T3286R T3600BI T3614 T3650ATT T3735 T3650PIPE T3650USER T3653HOST T3740 T3780 T3790 T3790SCSP T3790UP T7770 VIDEOTERM								
EXITRACING	CVDAS	INQ	4	LIKE	yes	Exit tracing status			8
EXITRACING Input/Output Valid Values	EXITTRACE NOEXITTRACE								
EXITRACING Output Valid Values	NOTAPPLIC								
GCHARS	BINARY	INQ	2	AVG		Graphic character set global ID			9
GCODES	BINARY	INQ	2	AVG		Code page global ID			10
MODENAME	CHAR	INQ	8	DIF		Mode name			11
NATURE	CVDAT	INQ	4	LIKE		Terminal definition type			12
NATURE Output Valid Values	TERMINAL MODEL SESSION SURROGATE								
NATLANG	CHAR	INQ	1	AVG		National language ID			13
NETNAME	CHAR	INQ	8	DIF		Network name			14
OPERID	CHAR	INQ	3	DIF		Operator ID			15
PAGESTATUS	CVDAS	INQ	4	LIKE	yes	BMS paging status			16
PAGESTATUS Input/Output Valid Values	PAGEABLE AUTOPAGEABLE								
SCREENHEIGHT	BINARY	INQ	2	AVG		Screen height			17
SCREENWIDTH	BINARY	INQ	2	AVG		Screen width			18
SERVSTATUS	CVDAS	INQ	4	LIKE	yes	Service status			19

Table 463. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
SERVSTATUS Input/Output Valid Values	INSERVICE OUTSERVICE								
SERVSTATUS Output Valid Values	GOINGOUT								
SIGNONSTATUS	CVDAS	INQ	4	LIKE		Sign-on status			20
SIGNONSTATUS Output Valid Values	SIGNEDON SIGNEDOFF								
TASKID	BINARY	INQ	4	AVG		Id of task currently executing at terminal			21
TERMPRIORITY	BINARY	INQ	4	AVG	yes	Terminal priority			22
TRACING	CVDAS	INQ	4	LIKE	yes	Terminal tracing type			23
TRACING Input/Output Valid Values	SPECTRACE STANTRACE								
TRANSACTION	CHAR	INQ	4	DIF		Current transaction name			24
TTISTATUS	CVDAS	INQ	4	LIKE	yes	Terminal transaction initiation (TTI) status			25
TTISTATUS Input/Output Valid Values	TTI NOTTI								
USERAREA	ADDRESS	INQ	4	AVG		Terminal user area (TCTUA) address			26
TERMMODEL	CODEDBIN	INQ	2	AVG		Terminal model number			27
USERAREALEN	BINARY	INQ	2	AVG		Terminal user area (TCTUA) length			28
USERID	CHAR	INQ	8	DIF		User ID			29
ZCPTRACING	CVDAS	INQ	4	LIKE	yes	ZCP tracing status			30

Resource table descriptions

Table 463. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
ZCPTRACING Input/Output Valid Values	ZCPTRACE	NOZCPTRACE							
ZCPTRACING Output Valid Values	NOTAPPLIC								
NEXTRANSID	CHAR	INQ	4	DIF	yes	Next transaction ID			31
SESSIONTYPE	CVDAS	INQ	4	LIKE		Session type			32
SESSIONTYPE Output Valid Values	LU61	APPCSINGLE	APPCPARALLEL	NOTAPPLIC					
USERNAME	CHAR	INQ	20	DIF		User name			33
REMO TENAME	CHAR	INQ	4	DIF		Name of terminal in remote CICS			34
REMOTESYSTEM	CHAR	INQ	4	DIF		Remote system name			35
POLLCNT	DECIMAL	STAT	4	AVG		Number of polls sent to terminal			36
INPMG CNT	BINARY	STAT	4	AVG		Number of input messages			37
OUTMSG CNT	BINARY	STAT	4	AVG		Number of output messages			38
TRANCNT	BINARY	STAT	4	AVG		Number of transactions			39
STGVCNT	BINARY	STAT	4	AVG		Number of storage violations			40
XERRCNT	BINARY	STAT	4	AVG		Number of transmission errors			41
TERRCNT	BINARY	STAT	4	AVG		Number of transaction errors			42
PMSGCNT	BINARY	STAT	4	AVG		Total pipeline-throwaway count			43
PMSGGRPCNT	BINARY	STAT	4	AVG		Number of consecutive pipeline-throwaways			44
PMSGCONSEC	BINARY	STAT	2	AVG		Maximum pipeline-throwaway count			45
TERMTYPE	BINARY	STAT	1	AVG		Terminal type			46

Table 463. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
TCAMCONTROL	BIT	INQ	1	N/A	yes	TCAM message control flag			47
ALTPAGEHT	BINARY	INQ	2	AVG		Alternate page height			48
ALTPAGEWD	BINARY	INQ	2	AVG		Alternate page width			49
ALTPRINTER	CHAR	INQ	4	DIF	yes	Alternate printer			50
ALTPRTCOPYST	CVDAS	INQ	4	LIKE	yes	Hardware COPY feature for alternate printer			51
ALTPRTCOPYST Input/Output Valid Values		ALTPRTCOPY NOALTPRTCOPY NOTAPPLIC							
ALTSCRNHT	BINARY	INQ	2	AVG		Alternate screen height			52
ALTSCRNWD	BINARY	INQ	2	AVG		Alternate screen width			53
APLKYBDST	CVDAS	INQ	4	LIKE		APL keyboard feature			54
APLKYBDST Output Valid Values		APLKYBD NOAPLKYBD							
APLTEXTST	CVDAS	INQ	4	LIKE		APL text feature			55
APLTEXTST Output Valid Values		APLTEXT NOAPLTEXT							
AUDALARMST	CVDAS	INQ	4	LIKE		Audible alarm feature			56
AUDALARMST Output Valid Values		AUDALARM NOAUDALARM							
BACKTRANSST	CVDAS	INQ	4	LIKE		Background transparency feature			57
BACKTRANSST Output Valid Values		BACKTRANS NOBACKTRANS							
COLORST	CVDAS	INQ	4	LIKE		Extended color feature			58
COLORST Output Valid Values		COLOR NOCOLOR							

Resource table descriptions

Table 463. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
COPYST	CVDAS	INQ	4	LIKE		Copy feature in control unit			59
COPYST Output Valid Values	COPY NOCOPY								
DEFPAGEHT	BINARY	INQ	2	AVG		Default page height			60
DEFPAGEWD	BINARY	INQ	2	AVG		Default page width			61
DEFSCRNHT	BINARY	INQ	2	AVG		Default screen height			62
DEFSCRNWD	BINARY	INQ	2	AVG		Default screen width			63
DISCREQST	CVDAS	INQ	4	LIKE	yes	Disconnect Requests status			64
DISCREQST Input/Output Valid Values	DISCREQ NODISCREQ								
DUALCASEST	CVDAS	INQ	4	LIKE		Dual-case keyboard status			65
DUALCASEST Output Valid Values	DUALCASE NODUALCASE								
EXTENDEDSSST	CVDAS	INQ	4	LIKE		Extended data stream support			66
EXTENDEDSSST Output Valid Values	EXTENDEDSS NOEXTENDEDSS								
FMHPARMST	CVDAS	INQ	4	LIKE		Function management header (FMH) option			67
FMHPARMST Output Valid Values	FMHPARM NOFMHPARM								
FORMFEEDST	CVDAS	INQ	4	LIKE		Forms feed feature			68
FORMFEEDST Output Valid Values	FORMFEED NOFORMFEED								
HILIGHTST	CVDAS	INQ	4	LIKE		Extended highlight feature			69

Table 463. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
HIGHLIGHT Output Valid Values	HIGHLIGHT	NOHIGHLIGHT							
HFORMST	CVDAS	INQ	4	LIKE		Horizontal form feature			70
HFORMST Output Valid Values	HFORMST	NOHFORM							
KATAKANAST	CVDAS	INQ	4	LIKE		Katakana terminal			71
KATAKANAST Output Valid Values	KATAKANAST	NOKATAKANA							
LIGHTPENST	CVDAS	INQ	4	LIKE		Selector pen feature			72
LIGHTPENST Output Valid Values	LIGHTPENST	NOLIGHTPEN							
MSRCONTROLST	CVDAS	INQ	4	LIKE		Magnetic slot reader			73
MSRCONTROLST Output Valid Values	MSRCONTROLST	NOMSRCONTROL							
OBFORMATST	CVDAS	INQ	4	LIKE	yes	Outboard formatting support			74
OBFORMATST Input/Output Valid Values	OBFORMATST	NOOBFORMAT							
OBOPERIDST	CVDAS	INQ	4	LIKE		Outboard operator IDs used			75
OBOPERIDST Output Valid Values	OBOPERIDST	NOOBOPERID							
OUTLINEST	CVDAS	INQ	4	LIKE		Field outlining support			76
OUTLINEST Output Valid Values	OUTLINEST	NOOUTLINE							
PAGEHT	BINARY	INQ	4	AVG		Current page height			77
PAGEWD	BINARY	INQ	4	AVG		Current page width			78

Resource table descriptions

Table 463. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
PARTITIONSST	CVDAS	INQ	4	LIKE		Partitions status			79
PARTITIONSST Output Valid Values	PARTITIONS NOPARTITIONS								
PRINTADAPTST	CVDAS	INQ	4	LIKE		Printer adaptor feature			80
PRINTADAPTST Output Valid Values	PRINTADAPT NOPRINTADAPT								
PRINTER	CHAR	INQ	4	DIF	yes	Printer name			81
PROGSYMBOLST	CVDAS	INQ	4	LIKE		Programmed symbol facility support			82
PROGSYMBOLST Output Valid Values	PROGSYMBOL NOPROGSYMBOL								
PRTCOPYST	CVDAS	INQ	4	LIKE	yes	Hardware COPY feature for preferred printer			83
PRTCOPYST Input/Output Valid Values	PRTCOPY NOPRTCOPY								
QUERYST	CVDAS	INQ	4	LIKE		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								
SOSIST	CVDAS	INQ	4	LIKE		Mixed EBCDIC/DBCS support			86
SOSIST Output Valid Values	SOSI NOSOSI								
TEXTKYBDST	CVDAS	INQ	4	LIKE		Text-keyboard feature			87

Table 463. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
TEXTKYBDST Output Valid Values	TEXTKYBD	NOTEXTKYBD							
TEXTPRINTST	CVDAS	INQ	4	LIKE		Text-print feature			88
TEXTPRINTST Output Valid Values	TEXTPRINT	NOTEXTPRINT							
UCTRANST	CVDAS	INQ	4	LIKE	yes	Uppercase translate option support			89
UCTRANST Input/Output Valid Values	UCTRAN	NOUCTRAN				TRANIDONLY			
VALIDATIONST	CVDAS	INQ	4	LIKE		Extended validation feature			90
VALIDATIONST Output Valid Values	VALIDATION	NOVALIDATION							
VFORMST	CVDAS	INQ	4	LIKE		Vertical form feature			91
VFORMST Output Valid Values	VFORM	NOVFORM							
ALTSUFFIX	CHAR	INQ	1	DIF		Alternate-map-set suffix			92
STORAGE	BINARY	STAT	4	AVG		Terminal input-output area (TIOA) storage			94
ASCII	CVDAS	INQ	4	LIKE		ASCII data stream type			95
ASCII Output Valid Values	ASCII7	ASCII8				NOTAPPLIC			
AUTOCONNECT	CVDAS	INQ	4	LIKE		Session binding status			96
AUTOCONNECT Output Valid Values	AUTOCONN	NONAUTOCONN				ALLCONN			
DATASTREAM	CVDAS	INQ	4	LIKE		Device data stream type			97

Resource table descriptions

Table 463. TERMNL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
DATASTREAM Output Valid Values	DS3270 SCS NOTAPPLIC								
DEVICEST	CVDAS	INQ	4	LIKE		Device busy status			98
DEVICEST Output Valid Values	BUSY NOTBUSY								
MAPSETNAME	CHAR	INQ	8	DIF	yes	Last map set referenced in SEND MAP command			99
MAPNAME	CHAR	INQ	7	DIF	yes	Last map referenced in SEND MAP command			100
CORRELID	CHAR	INQ	8	DIF		Correlation ID			102
REMOTESYSNET	CHAR	INQ	8	DIF		Remote TOR net name			103
LINKSYSTEM	CHAR	INQ	4	DIF		Real link connection for remote TOR			104
CONSOLE	CHAR	INQ	12	DIF		Console ID			105
NQNAME	CHAR	INQ	17	DIF		Network qualified name	E530		106

TRANCLAS Resource Table

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

The TRANCLAS resource class can be used to request object instances that were identified as TCLASS objects in versions of CICS prior to 4.1.

The following action is supported:

DISCARD

Discard a transaction class.

This action requires no unique parameter data.

Length	104
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0051 or TRANCLAS
Valid API operations	GET SET and PERFORM

API Actions

DISCARD Discard

Parameters: None

Table 464. TRANCLAS FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid		

Resource table descriptions

Table 465. TRANCLAS resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name			
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release			
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved			
NAME-1	CHAR	INQ	8	DIF		Transaction class name			1
MAXACTIVE	BINARY	INQ	4	AVG	yes	Maximum number of transactions allowed in class			2
ACTIVE	BINARY	INQ	4	AVG		Number of transactions currently active in class			3
QUEUED	BINARY	INQ	4	AVG		Number of transactions currently queued			4
PURGETHRESH	BINARY	INQ	4	AVG	yes	Purge threshold			5
ATTACHES	BINARY	STAT	4	AVG		Total number of attach requests			6
PURGEIMMED	BINARY	STAT	4	AVG		Number of transactions purged due to threshold			7
TOTQUEDCNT	BINARY	STAT	4	AVG		Total number of transactions queued			8
ACCEPTIMMED	BINARY	STAT	4	AVG		Number of transactions accepted immediately			9
ACCEPTAFTRQD	BINARY	STAT	4	AVG		Number of transactions accepted after being queued			10
PURGEWHILEQD	BINARY	STAT	4	AVG		Number of transactions purged while queued			11
INSTALLDEFS	BINARY	STAT	4	AVG		Number of transaction definitions installed			12
ACTIVEPEAK	BINARY	STAT	4	AVG		Peak number of active transactions			13
QUEUEDPEAK	BINARY	STAT	4	AVG		Peak number of queued transactions			14
TIMESATMAX	BINARY	STAT	4	AVG		Times maximum active transactions reached			15

Table 465. TRANCLAS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Set Invalid	Attr ID
PURGTHRTIMES	BINARY	STAT	4	AVG		Number of times purge threshold met			16
QUEUE TIME	INTSTCK	STAT	8	MAX		Total time transactions queued			17
CURQUEUED TIME	INTSTCK	STAT	8	MAX		Total time transactions currently queued			18

TRANDEF Resource Table

A CICS Definition that describes how a transaction is to run.

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

The following actions are supported:

INSTALL

Install a Transaction Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

#	Length 544 Usage API or Batch Utility API view No CMAS context No SCOPE applies No Only query CMASs in workload No Object type CICS Definition Copybook identifier EYUt3813 or TRANDEF Valid API operations GET CREATE UPDATE REMOVE and PERFORM Parameters GET [RESGROUP] [CICSSYS] CREATE [RESGROUP] API Actions INSTALL Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .') ADDTGRP Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')
---	--

Table 466. TRANDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string terminator
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available

Table 466. TRANDEF FEEDBACK error codes (continued)

INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed
INV_NAME	Invalid name	NOTIFY	Notify
INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid oertype	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Resource table descriptions

Table 467. TRANDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	Transaction definition name			7
ALIAS	CHAR	CPSM	4	No	DIF	Alias name for transaction			9
PROGRAM	CHAR	CPSM	8	No	DIF	First program name			10
RE MOTENAME	CHAR	CPSM	8	No	DIF	Remote transaction name			11
RE MOTESYSTEM	CHAR	CPSM	4	No	DIF	Remote system name			12
PROFILE	CHAR	CPSM	8	No	DIF	Transaction profile	DFHCICST		13
FAILACTION	CVDAS	CPSM	4	No	LIKE	CICS failure action	BACKOUT		14
FAILACTION Input/Output Valid Values	BACKOUT COMMIT								
INDOUBT	CVDAS	CPSM	4	No	LIKE	In-doubt failure processing action	BACKOUT		15
INDOUBT Input/Output Valid Values	BACKOUT COMMIT WAIT								
CMDSEC	EYUDA	CPSM	4	Yes	LIKE	Command level security option	NO		16
CMDSEC Input/Output Valid Values	YES NO								
SHUTDOWN	CVDAS	CPSM	4	Yes	LIKE	Shutdown run status	DISABLED		17
SHUTDOWN Input/Output Valid Values	ENABLED DISABLED								
STATUS	CVDAS	CPSM	4	Yes	LIKE	Enabled status	ENABLED		18
STATUS Input/Output Valid Values	ENABLED DISABLED								
TASKDATAKEY	CVDAS	CPSM	4	Yes	LIKE	Task data key	USER		19

Table 467. TRANDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
TASKDATAKEY Input/Output Valid Values	USER CICS								
TASKDATALOC	CVDAS	CPSM	4	Yes	LIKE	Task data location	BELOW		20
TASKDATALOC Input/Output Valid Values	BELOW ANY								
TASKREQ	CHAR	CPSM	4	No	N/A	Transaction initiation			21
LOCALQ	EYUDA	CPSM	4	No	LIKE	Queueing on local system	N_A		22
LOCALQ Input/Output Valid Values	YES NO N_A								
RESSEC	EYUDA	CPSM	4	Yes	LIKE	Resource security checking	NO		23
RESSEC Input/Output Valid Values	YES NO								
STORAGECLEAR	EYUDA	CPSM	4	Yes	LIKE	Storage clearance status	NO		24
STORAGECLEAR Input/Output Valid Values	YES NO								
RESTART	EYUDA	CPSM	4	Yes	LIKE	Transaction restart facility	NO		25
RESTART Input/Output Valid Values	YES NO								
SPURGE	EYUDA	CPSM	4	Yes	LIKE	System purgeable option	NO		26
SPURGE Input/Output Valid Values	YES NO								
TPURGE	EYUDA	CPSM	4	Yes	LIKE	Purgeable for terminal error option	NO		27
TPURGE Input/Output Valid Values	YES NO								

Resource table descriptions

Table 467. TRANDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
WAIT	EYUDA	CPSM	4	Yes	LIKE	In-doubt wait option	YES		28
WAIT Input/Output Valid Values	YES NO								
TRACE	EYUDA	CPSM	4	Yes	LIKE	Trace transaction activity option	YES		29
TRACE Input/Output Valid Values	YES NO								
TRPROF	CHAR	CPSM	8	No	DIF	Transaction routing profile	DFHCICSS		30
TRANCLASS	CHAR	CPSM	8	No	DIF	Transaction class name	DFHTCL00		31
TCLASS	CHAR	CPSM	4	No	DIF	Transaction class number	NO	1-10	32
TCLASS Input/Output Valid Values	NO								
TWASIZE	CHAR	CPSM	8	No	DIF	Size in bytes of transaction work area (TWA)	0	0-32767	33
PARTITIONSET	CHAR	CPSM	8	No	DIF	Default application partition set			34
XTRANID	CHAR	CPSM	8	No	DIF	Alternate name (in hex) for initiating transaction			35
ISOLATE	EYUDA	CPSM	4	Yes	LIKE	Transaction isolation option	YES		36
ISOLATE Input/Output Valid Values	YES NO								
DUMP	EYUDA	CPSM	4	Yes	LIKE	Transaction dump option	YES		37
DUMP Input/Output Valid Values	YES NO								
DYNAMIC	EYUDA	CPSM	4	Yes	LIKE	Dynamic routing option	NO		38
DYNAMIC Input/Output Valid Values	YES NO								
PRIORITY	CHAR	CPSM	4	No	DIF	Transaction priority	1	0-255	39
RUNAWAY	CHAR	CPSM	8	No	DIF	Runaway timeout value	SYSTEM	0-2700000	40

Table 467. TRANDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
RUNAWAY Input/Output Valid Values	SYSTEM								
DTIMOUT	CHAR	CPSM	4	No	DIF	Deadlock timeout value	NO	1-6800	41
DTIMOUT Input/Output Valid Values	NO								
WAITTIMEDD	CHAR	CPSM	3	No	DIF	In-doubt wait time (days)	0	0-93	42
WAITTIMEHH	CHAR	CPSM	2	No	DIF	In-doubt wait time (hours)	0	0-23	43
WAITTIMEMM	CHAR	CPSM	2	No	DIF	In-doubt wait time (minutes)	0	0-59	44
TPNAME	CHAR	CPSM	64	No	DIF	APPC partner transaction name			46
XTPNAME	CHAR	CPSM	128	No	DIF	Alternate partner transaction name (in hex)			47
TRANSEC	CHAR	CPSM	4	No	DIF	Transaction security value	1	1-64	48
PRIMESIZE	CHAR	CPSM	8	No	DIF	Primed storage allocation	0	0-65520	49
EXTSEC	EYUDA	CPSM	4	No	LIKE	External security manager option	N_A		50
EXTSEC Input/Output Valid Values	YES NO N_A								
SECURE	EYUDA	CPSM	4	No	LIKE	Operator sign-on required	YES		51
SECURE Input/Output Valid Values	YES NO								
USEALTSCRSZ	EYUDA	CPSM	4	No	LIKE	Use alternate screen size	NO		52
USEALTSCRSZ Input/Output Valid Values	YES NO								
RSLC	EYUDA	CPSM	4	No	LIKE	Resource security level check	NO		53
RSLC Input/Output Valid Values	YES NO								
RSL	CHAR	CPSM	8	No	DIF	Resource security value	0	0-24	54

Resource table descriptions

Table 467. TRANDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
RSL Input/Output Valid Values	PUBLIC								
CONFDATA	EYUDA	CPSM	4	No	LIKE	Suppress user data in trace entries	NO		55
CONFDATA Input/Output Valid Values	YES NO								
CREATETIME	DATE TIME	CPSM	8	Yes	MAX	Definition create time			56
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			57
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			58
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			59
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			60
BREXIT	CHAR	CPSM	8	No	DIF	Bridge exit name			61
ROUTABLE	EYUDA	CPSM	4	Yes	LIKE	Dynamic routing status	NO		63
ROUTABLE Input/Output Valid Values	YES NO								
OTSTIMEOUT	CHAR	CPSM	6	Yes	DIF	Object transaction service (OTS) timeout (HHMMSS)	NO		64

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.

Length	64
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0005 or TRANDUMP
Valid API operations	GET SET and PERFORM

API Actions

ADD	Add
	PARM(' CODE(<i>value</i>) MAX(<i>value</i>) [SHUT(<i>value</i>)] [SDUMP(<i>value</i>)] [TDUMP(<i>value</i>)] [SCOPE(<i>value</i>)] .')
RESET	Reset

Resource table descriptions

DELETE

Parameters: None
Delete

Parameters: None

Table 468. TRANDUMP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved		
TRANUMPCODE-1	CHAR	INQ	4	DIF		Transaction dump code		1
CURRENT	BINARY	INQ	4	AVG		Number of dump calls since last reset		2
MAXIMUM	BINARY	INQ	4	AVG	yes	Maximum number of dump calls		3
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							
TRANDUMPING	CVDAS	INQ	4	LIKE	yes	Transaction dump option		6
TRANDUMPING Input/Output Valid Values	TRANDUMP NOTRANDUMP							
TDMPTOTL	BINARY	STAT	4	AVG		Number of transaction dumps taken		7
TDMPSTUPP	BINARY	STAT	4	AVG		Number of transaction dumps suppressed		8
SDMPTOTL	BINARY	STAT	4	AVG		Number of system dumps taken		9
SDMPSUPP	BINARY	STAT	4	AVG		Number of system dumps suppressed		10
TDUMPSCOPE	CVDAS	INQ	4	LIKE	yes	Transaction dump scope type		11

Resource table descriptions

Table 468. TRANDUMP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
TDUMPSCOPE Input/Output Valid Values	LOCAL RELATED							

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**.

Length	104
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt3509 or TRANGRP
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM

API Actions

ADDTRAN	Add transaction PARM(' TRANID(<i>value</i>) [PCONV(<i>value</i>)] .')
----------------	--

Table 469. TRANGRP FEEDBACK error codes

Code	Description	Code	Description
ABEND_COMBINATION	Abend load must be less than abend probability	REC_CHANGED	Resource definition already changed
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_REFERENCE	Trangrp does not exist	REC_NOT_FOUND	Requested resource not found

Resource table descriptions

Table 470. TRANGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time definition was changed			1
NAME-1	CHAR	CPSM	8	Yes	DIF	Transaction group name			5
AFFINITY	EYUDA	CPSM	4	No	LIKE	Affinity relationship			6
AFFINITY Input/Output Valid Values	N_A GLOBAL LUNAME USERID BAPPL								
AFFLIFE	EYUDA	CPSM	4	No	LIKE	Affinity lifetime			7
AFFLIFE Input/Output Valid Values	N_A LOGON PCONV PERMANENT SIGNON SYSTEM DELIMIT ACTIVITY PROCESS								
MATCH	EYUDA	CPSM	4	Yes	LIKE	Primary search criterion			8
MATCH Input/Output Valid Values	LUNAME USERID								
STATE	EYUDA	CPSM	4	Yes	LIKE	Affinity relation and lifetime checking status			9
STATE Input/Output Valid Values	ACTIVE DORMANT								
DESC	CHAR	CPSM	58	No	DIF	Description			10
EVENTNAME	CHAR	CPSM	8	No	DIF	RTA event name			11
ABENDCRIT	BINARY	CPSM	1	Yes	AVG	Acceptable level of abend probability	0	2-99	12
ABENDTHRESH	BINARY	CPSM	1	Yes	AVG	Acceptable abend load threshold	0	1-98	13
ABENDTHRESH Input/Output Valid Values	0								
AFFAUTO	EYUDA	CPSM	4	No	LIKE	Automatic affinity creation option	N_A		15
AFFAUTO Input/Output Valid Values	YES NO N_A								

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.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6157 or TRMINGRP
Valid API operations	GET CREATE and REMOVE

Table 471. TRMINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 472. TRMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
TERMGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
TERMNAME-2	CHAR	CPSM	8	Yes	DIF	Terminal definition name	6
TERMVER-3	BINARY	CPSM	1	Yes	AVG	Terminal definition version	7

TRNCLDEF Resource Table

A CICS Definition that describes the operational characteristics for transactions belonging to a given class.

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

The following actions are supported:

INSTALL

Install a Transaction Class Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	120
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3814 or TRNCLDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	GET [CICSSYS] [RESGROUP] CREATE [RESGROUP]

API Actions

INSTALL	Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 473. TRNCLDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string terminator
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed

Table 473. TRNCLDEF FEEDBACK error codes (continued)

INV_NAME	Invalid name	NOTIFY	Notify
INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid oertype	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Resource table descriptions

Table 474. TRNCLDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	Transaction class name			7
MAXACTIVE	CHAR	CPSM	4	Yes	DIF	Maximum number of active transactions allowed in class	0	0-999	8
PURGETHRESH	CHAR	CPSM	8	No	DIF	Purge threshold	NO	1-1000000	9
PURGETHRESH Input/Output Valid Values	NO								
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Definition create time			10
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			11
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			12
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			13
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			14

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.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6158 or TRNINGRP
Valid API operations	GET CREATE and REMOVE

Table 475. TRNINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 476. TRNINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
TRANGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
TRANNAME-2	CHAR	CPSM	8	Yes	DIF	Transaction definition name	6
TRANVER-3	BINARY	CPSM	1	Yes	AVG	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.

Length 256
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Resource
Copybook identifier EYUt0147 or TSKSPOLS
Valid API operations GET

Table 477. TSKSPOLS resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
SMTLOCNCDSA	EYUDA	STAT	4	LIKE	CDSA location above/below 16MB line	5
SMTLOCNCDSA Output Valid Values	ABOVE BELOW					
SMTACCESSC	EYUDA	STAT	4	LIKE	CDSA subpool access type	6
SMTACCESSC Output Valid Values	CICS USER					
SMTGMREQCDSA	BINARY	STAT	4	AVG	CDSA number of GETMAIN requests	7
SMTFMREQCDSA	BINARY	STAT	4	AVG	CDSA number of FREEMAIN requests	8
SMTCECDSA	BINARY	STAT	4	AVG	CDSA sum of all element lengths	9
SMTCPSCDSA	BINARY	STAT	4	AVG	CDSA current page storage	10
SMTCNECDSA	BINARY	STAT	4	AVG	CDSA current number of elements	11
SMTHWMPSCDSA	BINARY	STAT	4	AVG	CDSA peak page storage	12
SMTLOCNECDSA	EYUDA	STAT	4	LIKE	ECDSA location above/below 16MB line	13
SMTLOCNECDSA Output Valid Values	ABOVE BELOW					
SMTACCESSEC	EYUDA	STAT	4	LIKE	ECDSA subpool access type	14
SMTACCESSEC Output Valid Values	CICS USER					
SMTGMREQEC	BINARY	STAT	4	AVG	ECDSA number of GETMAIN requests	15

Table 477. TSKSPOLS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
SMTFMREQEC	BINARY	STAT	4	AVG	ECDSA number of FREEMAIN requests	16
SMTCESECDSA	BINARY	STAT	4	AVG	ECDSA sum of all element lengths	17
SMTCPSECDSA	BINARY	STAT	4	AVG	ECDSA current page storage	18
SMTCNEECDSA	BINARY	STAT	4	AVG	ECDSA current number of elements	19
SMTHWMPSEC	BINARY	STAT	4	AVG	ECDSA peak page storage	20
SMTLOCNUDSA	EYUDA	STAT	4	LIKE	UDSA location above/below 16MB line	21
SMTLOCNUDSA Output Valid Values	ABOVE BELOW					
SMTACCESSU	EYUDA	STAT	4	LIKE	UDSA subpool access type	22
SMTACCESSU Output Valid Values	CICS USER					
SMTGMREQUDSA	BINARY	STAT	4	AVG	UDSA number of GETMAIN requests	23
SMTFMREQUDSA	BINARY	STAT	4	AVG	UDSA number of FREEMAIN requests	24
SMTCESUDSA	BINARY	STAT	4	AVG	UDSA sum of all element lengths	25
SMTCPsudsa	BINARY	STAT	4	AVG	UDSA current page storage	26
SMTCNEUDSA	BINARY	STAT	4	AVG	UDSA current number of elements	27
SMTHWMPsudsa	BINARY	STAT	4	AVG	UDSA peak page storage	28
SMTLOCNEUDSA	EYUDA	STAT	4	LIKE	EUDSA location above/below 16MB line	29
SMTLOCNEUDSA Output Valid Values	ABOVE BELOW					
SMTACCESSEU	EYUDA	STAT	4	LIKE	EUDSA subpool access type	30
SMTACCESSEU Output Valid Values	CICS USER					
SMTGMREQEU	BINARY	STAT	4	AVG	EUDSA number of GETMAIN requests	31
SMTFMREQEU	BINARY	STAT	4	AVG	EUDSA number of FREEMAIN requests	32
SMTCESEUDSA	BINARY	STAT	4	AVG	EUDSA sum of all element lengths	33
SMTCPSEUDSA	BINARY	STAT	4	AVG	EUDSA current page storage	34
SMTCNEEUDSA	BINARY	STAT	4	AVG	EUDSA current number of elements	35
SMTHWMPSEU	BINARY	STAT	4	AVG	EUDSA peak page storage	36
GETMAINRTC	RATE3	CPSM	8	AVG	CDSA GETMAIN rate since last reset	37
FREEMAINRTC	RATE3	CPSM	8	AVG	CDSA FREEMAIN rate since last reset	38
DSAELEMPCTC	PERCENT3	CPSM	4	AVG	CDSA percentage of DSA used by elements	39
PAGEPLPCTC	PERCENT3	CPSM	4	AVG	CDSA current percentage of page pool use	40
DSAPAGPPCTC	PERCENT3	CPSM	4	AVG	CDSA peak percentage of page pool use	41
DSAELEMPCTEC	PERCENT3	CPSM	4	AVG	ECDSA percentage of DSA used by elements	42
GETMAINRTEC	RATE3	CPSM	8	AVG	ECDSA GETMAIN rate since last reset	43
FREEMAINRTEC	RATE3	CPSM	8	AVG	ECDSA FREEMAIN rate since last reset	44
PAGEPLPCTEC	PERCENT3	CPSM	4	AVG	ECDSA current percentage of page pool use	45

Resource table descriptions

Table 477. TSKSPOLS resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
DSAPAGPPCTEC	PERCENT3	CPSM	4	AVG	ECDSA peak percentage of page pool use	46
GETMAINRTU	RATE3	CPSM	8	AVG	UDSA GETMAIN rate since last reset	47
FREEMAINRTU	RATE3	CPSM	8	AVG	UDSA FREEMAIN rate since last reset	48
DSAELEMPCTU	PERCENT3	CPSM	4	AVG	UDSA percentage of DSA used by elements	49
PAGEPLPCTU	PERCENT3	CPSM	4	AVG	UCDSA current percentage of page pool use	50
DSAPAGPPCTU	PERCENT3	CPSM	4	AVG	UDSA peak percentage of page pool use	51
DSAELEMPCTEU	PERCENT3	CPSM	4	AVG	EUDSA percentage of DSA used by elements	52
GETMAINRTEU	RATE3	CPSM	8	AVG	EUDSA GETMAIN rate since last reset	53
FREEMAINRTEU	RATE3	CPSM	8	AVG	EUDSA FREEMAIN rate since last reset	54
PAGEPLPCTEU	PERCENT3	CPSM	4	AVG	EUDSA current percentage of page pool use	55
DSAPAGPPCTEU	PERCENT3	CPSM	4	AVG	EUDSA peak percentage of page pool use	56

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.

Length	88
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0119 or TSKSPool
Valid API operations	GET

Table 478. TSKSPool resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
SMTDSANAME-1	CHAR	STAT	8	DIF	Name of dynamic storage area (DSA)	5
SMTLOCN	EYUDA	STAT	4	LIKE	Location of task subpool above/below 16MB	6
SMTLOCN Output Valid Values	ABOVE BELOW					
SMTACCESS	EYUDA	STAT	4	LIKE	Subpool access type	7
SMTACCESS Output Valid Values	CICS USER					
SMTGMREQ	BINARY	STAT	4	AVG	Number of GETMAIN requests	8
SMTFMREQ	BINARY	STAT	4	AVG	Number of FREEMAIN requests	9
SMTCES	BINARY	STAT	4	AVG	Sum of all element lengths	10
SMTCPs	BINARY	STAT	4	AVG	Current page storage	11
SMTcNE	BINARY	STAT	4	AVG	Current number of elements	12
SMTHWMPs	BINARY	STAT	4	AVG	Peak page storage	13
GETMAINRTE	RATE3	CPSM	8	AVG	GETMAIN rate since last reset	15
FREEMAINRTE	RATE3	CPSM	8	AVG	FREEMAIN rate since last reset	16
DSAELEMPCT	PERCENT3	CPSM	4	AVG	Percentage of DSA used by elements	17
PAGEPAGEPCT	PERCENT3	CPSM	4	AVG	Percentage of page pools used	18
DSAPAGPPCT	PERCENT3	CPSM	4	AVG	Peak percentage of DSA page use	19

TSMDEF Resource Table

A CICS Definition that describes a temporary storage model.

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

The following actions are supported:

INSTALL

Install a Temporary Storage Model Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	232
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3821 or TSMDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	GET [CICSSYS] [RESGROUP] CREATE [RESGROUP]

API Actions

INSTALL	Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTOGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 479. TSMDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string terminator
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed
INV_NAME	Invalid name	NOTIFY	Notify

Table 479. TSMDEF FEEDBACK error codes (continued)

INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid oertype	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLLEN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Resource table descriptions

Table 480. TSMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	TS model definition name			7
PREFIX	CHAR	CPSM	16	Yes	DIF	TS queue prefix			9
LOCATION	CVDAS	CPSM	4	Yes	LIKE	Queue location	AUXILIARY		10
LOCATION Input/Output Valid Values	MAIN AUXILIARY								
RECOVERY	EYUDA	CPSM	4	Yes	LIKE	Recovery option	NO		11
RECOVERY Input/Output Valid Values	YES NO								
SECURITY	EYUDA	CPSM	4	Yes	LIKE	Security option	NO		12
SECURITY Input/Output Valid Values	YES NO								
POOLNAME	CHAR	CPSM	8	No	DIF	Shared TS pool name			13
REMOTESYSTEM	CHAR	CPSM	4	No	DIF	Remote system ID			14
REMOTEPREFIX	CHAR	CPSM	16	No	DIF	Remote TS queue prefix			15
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Definition create time			16
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			17
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			18
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			19
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			20
XPREFIX	CHAR	CPSM	32	No	DIF	Hexadecimal TS queue prefix			21
XREMPREFX	CHAR	CPSM	32	No	DIF	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.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6166 or TSMINGRP
Valid API operations	GET CREATE and REMOVE

Table 481. TSMINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 482. TSMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
TSMGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
TSMNAME-2	CHAR	CPSM	8	Yes	DIF	TS model definition name	6
TSMVER-3	BINARY	CPSM	1	Yes	AVG	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.

Length 112
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Resource
Copybook identifier EYUt0092 or TSMODEL
Valid API operations GET and PERFORM

API Actions

DISCARD Discard

Parameters: None

Table 483. TSMODEL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	INQ	8	DIF	TS model name	1
PREFIX	CHAR	INQ	16	DIF	TS queue prefix	2
LOCATION	CVDAS	INQ	4	LIKE	Queue location	3
LOCATION Output Valid Values	AUXILIARY MAIN					
RECOVSTATUS	CVDAS	INQ	4	LIKE	Recovery status	4
RECOVSTATUS Output Valid Values	RECOVERABLE NOTRECOVERABLE					
SECURITYST	CVDAS	INQ	4	LIKE	Security status	5
SECURITYST Output Valid Values	EXTSECURITY NOSECURITY					
POOLNAME	CHAR	INQ	8	DIF	Shared TS pool name	6
REMOTESYSTEM	CHAR	INQ	4	DIF	Remote system ID	7
REMOTEPREFIX	CHAR	INQ	16	DIF	Remote TS queue prefix	8

Table 483. TSMODEL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
RSVRD1	CHAR	CPSM	30	DIF	Reserved area	9

Resource table descriptions

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.

Length	32
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0094 or TSPOOL
Valid API operations	GET

Table 484. TSPOOL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
NAME-1	CHAR	CPSM	8	DIF	Temporary storage pool name	1
CONNSTATUS	CVDAS	CPSM	4	LIKE	Connection status	2
CONNSTATUS Output Valid Values	CONNECTED UNCONNECTED					

TSQGBL Resource Table

A CICS Resource that describes the general characteristics of temporary storage usage in an active CICS system being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

Length	176
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0030 or TSQGBL
Valid API operations	GET

Resource table descriptions

Table 485. TSQGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
PUTQMAIN	BINARY	STAT	4	AVG	Number of records written to main TS		1
GETQMAIN	BINARY	STAT	4	AVG	Number of records obtained from main TS		2
PEAKSTG	BINARY	STAT	4	AVG	Peak storage in use (bytes)		3
CURRSTG	BINARY	STAT	4	AVG	Current storage in use (bytes)		4
PUTQAUX	BINARY	STAT	4	AVG	Number of records written to auxiliary TS		5
GETQAUX	BINARY	STAT	4	AVG	Number of records obtained from auxiliary TS		6
PEAKQUES	BINARY	STAT	4	AVG	Peak number of queue names in use		7
ENTLQQUE	BINARY	STAT	4	AVG	Number of entries in longest queue		8
QUECRECNT	BINARY	STAT	4	AVG	Number of times queues created		9
QUEXTENDS	BINARY	STAT	4	AVG	Number of times queue extensions created		10
CISIZE	BINARY	STAT	4	AVG	Control interval size		11
WRTGTCISZ	BINARY	STAT	4	AVG	Number of records with length greater than CISIZE		12
CINUM	BINARY	STAT	4	AVG	Number of control intervals available		13
PEAKCIUSE	BINARY	STAT	4	AVG	Peak number of control intervals used		14
AUXFULL	BINARY	STAT	4	AVG	Number of times auxiliary storage exhausted		15

Table 485. TSQGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
BUFFERS	BINARY	STAT	2	AVG	Number of temporary storage buffers		16
STRINGS	BINARY	STAT	2	AVG	Number of temporary storage strings		17
BUFWAITS	BINARY	STAT	4	AVG	Total number of buffer waits		18
PEAKUWBUF	BINARY	STAT	4	AVG	Peak number of users waiting on buffers		19
BUFWITES	BINARY	STAT	4	AVG	Number of buffer writes		20
WRTFRECVR	BINARY	STAT	4	AVG	Number of buffer writes forced by recovery		21
BUFREADS	BINARY	STAT	4	AVG	Number of buffer reads		22
FMTWRT	BINARY	STAT	4	AVG	Number of format writes		23
PEAKUSDSTR	BINARY	STAT	4	AVG	Peak number of strings in use		24
PEAKUWSTR	BINARY	STAT	4	AVG	Peak number of users waiting on strings		25
CURRUWSTR	BINARY	STAT	4	AVG	Number of current users waiting on strings		26
CURRUWBFR	BINARY	STAT	4	AVG	Number of current users waiting on buffers		27
IOERRS	BINARY	STAT	4	AVG	Number of I/O errors on data set		28
STRINGWAIT	BINARY	STAT	4	AVG	Number of times string wait occurred		29
COMPRESSIONS	BINARY	STAT	4	AVG	Number of temporary storage compressions		30
CISINUSE	BINARY	STAT	4	AVG	Number of control intervals in use		31
NAMESINUSE	BINARY	STAT	4	AVG	Number of temporary storage names in use		32
LONGAUXREC	BINARY	STAT	4	AVG	Longest auxiliary record length		33

Resource table descriptions

Table 485. TSQGBL resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
BYTESPERCI	BINARY	STAT	4	AVG	Number of bytes available in control interval		34
SEGSPERCI	BINARY	STAT	4	AVG	Number of segments available in control interval		35
BYTESPERSEG	BINARY	STAT	4	AVG	Number of bytes per segment		36
EXTTHRESHOLD	BINARY	STAT	2	AVG	Queue extension threshold		37
SHRDPOOLDEF	BINARY	STAT	4	AVG	Number of shared pools defined		39
SHRDPOOLCONN	BINARY	STAT	4	AVG	Number of shared pools connected to		40
SHRDREADREQ	BINARY	STAT	4	AVG	Number of shared read requests		41
SHRDWRITEREQ	BINARY	STAT	4	AVG	Number of shared write requests		42

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.
```

Length	64
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0107 or TSQNAME
Valid API operations	GET SET and PERFORM
API Actions	
DELETE	Delete PARM(' [LASTUSEDINT(<i>value</i>)] .')

Resource table descriptions

Table 486. TSQNAME resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
NAME-1	CHAR	INQ	16	DIF	Queue name		1
LOCATION	CVDAS	INQ	4	LIKE	Queue location		2
LOCATION Output Valid Values	AUXILIARY MAIN						
QUELENGTH	CODEDBIN	INQ	4	AVG	Total queue length (bytes)		3
MAXITEMLEN	CODEDBIN	INQ	2	AVG	Largest item length (bytes)		4
MINITEMLEN	CODEDBIN	INQ	2	AVG	Smallest item length (bytes)		5
NUMITEMS	BINARY	INQ	2	AVG	Number of items in queue		6
LASTUSEDINT	BINARY	INQ	4	AVG	Interval since queue last used (seconds)		8
TRANSID	CHAR	INQ	4	DIF	Transaction that created TS queue		9
RECOVSTATUS	CVDAS	INQ	4	LIKE	Recovery status		10
RECOVSTATUS Output Valid Values	RECOVERABLE NOTRECOVERABLE						

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.
```

Length	72
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0100 or TSQSHR
Valid API operations	GET SET and PERFORM
API Actions	
DELETE	Delete PARM(' [LASTUSEDINT(<i>value</i>)] .')

Resource table descriptions

Table 487. TSQSHR resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
NAME-1	CHAR	INQ	16	DIF	Queue name		1
POOLNAME-2	CHAR	INQ	8	DIF	Temporary storage pool name		2
LOCATION	CVDAS	INQ	4	LIKE	Queue location		3
LOCATION Output Valid Values	AUXILIARY MAIN						
QUELENGTH	BINARY	INQ	4	AVG	Total queue length (bytes)		4
MAXITEMLEN	BINARY	INQ	2	AVG	Largest item length (bytes)		5
MINITEMLEN	BINARY	INQ	2	AVG	Smallest item length (bytes)		6
NUMITEMS	BINARY	INQ	2	AVG	Number of items in queue		7
LASTUSEDINT	BINARY	INQ	4	AVG	Interval since queue last used (seconds)		9
TRANSID	CHAR	INQ	4	DIF	Transaction that created TS queue		10
RECOVSTATUS	CVDAS	INQ	4	LIKE	Recovery status		11
RECOVSTATUS Output Valid Values	RECOVERABLE NOTRECOVERABLE						

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.
```

Length	56
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0040 or TSQUEUE
Valid API operations	GET SET and PERFORM
API Actions	
DELETE	Delete
	PARM(' [LASTUSEDINT(<i>value</i>)] .')

Resource table descriptions

Table 488. TSQUEUE resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
NAME-1	CHAR	INQ	8	DIF	Queue name		1
LOCATION	CVDAS	INQ	4	LIKE	Queue location		2
LOCATION Output Valid Values	AUXILIARY MAIN						
QUELENGTH	CODEDBIN	INQ	4	AVG	Queue length (bytes)		3
MAXITEMLEN	CODEDBIN	INQ	2	AVG	Largest queue item length (bytes)		4
MINITEMLEN	CODEDBIN	INQ	2	AVG	Smallest queue item length (bytes)		5
NUMITEMS	BINARY	INQ	2	AVG	Number of items in queue		6
LASTUSEDINT	BINARY	INQ	4	AVG	Interval since queue last used (seconds)		8
TRANSID	CHAR	INQ	4	DIF	Transaction that created TS queue		9
RECOVSTATUS	CVDAS	INQ	4	LIKE	Recovery status		10
RECOVSTATUS Output Valid Values	RECOVERABLE NOTRECOVERABLE						

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.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6161 or TYPINGRP
Valid API operations	GET CREATE and REMOVE

Table 489. TYPINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 490. TYPINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
TYPTMGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
TYPTMNAME-2	CHAR	CPSM	8	Yes	DIF	Typeterm definition name	6
TYPTMVER-3	BINARY	CPSM	1	Yes	AVG	Typeterm definition version	7

TYPTMDEF Resource Table

A CICS Definition that describes a typeterm, which encompasses attributes that are common to a group of terminals.

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

The following actions are supported:

INSTALL

Install a Typeterm Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

Length	464
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3816 or TYPTMDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Parameters	GET [CICSSYS] [RESGROUP] CREATE [RESGROUP]

API Actions

INSTALL	Install PARM(' [NOTIFY(<i>value</i>)] USAGE(<i>value</i>) [FORCEINS(<i>value</i>)] [STATECHK(<i>value</i>)] [MODE(<i>value</i>)] [OVERTYPE(<i>value</i>)] [OVERRIDE(<i>override</i>)] TARGET(<i>value</i>) [RELATED(<i>value</i>)] .')
ADDTGRP	Add to resource group PARM(' [ERRQUEUE] RESGROUP(<i>value</i>) .')

Table 491. TYPTMDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string term
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed

Table 491. TYPTMDEF FEEDBACK error codes (continued)

INV_NAME	Invalid name	NOTIFY	Notify
INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid oertype	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Resource table descriptions

Table 492. TYPTMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	Typeterm definition name			7
ALTPAGECOL	CHAR	CPSM	4	No	DIF	Alternate BMS page size (number of columns)	0	0-999	8
ALTPAGEROW	CHAR	CPSM	4	No	DIF	Alternate BMS page size (number of rows)	0	0-999	9
ALTSCREENCOL	CHAR	CPSM	4	No	DIF	Alternate screen size (number of columns)	0	0-999	10
ALTSCREENROW	CHAR	CPSM	4	No	DIF	Alternate screen size (number of rows)	0	0-999	11
APLKYBD	EYUDA	CPSM	4	Yes	LIKE	APL keyboard feature	NO		12
APLKYBD Input/Output Valid Values	YES NO								
APLTEXT	EYUDA	CPSM	4	Yes	LIKE	APL text feature	NO		13
APLTEXT Input/Output Valid Values	YES NO								
ASCII	CHAR	CPSM	4	No	DIF	ASCII feature	NO	7-8	14
ASCII Input/Output Valid Values	NO								
ATI	EYUDA	CPSM	4	Yes	LIKE	Automatic transaction initiation option	NO		15
ATI Input/Output Valid Values	YES NO								
AUDIBLEALARM	EYUDA	CPSM	4	Yes	LIKE	Audible alarm feature	NO		16
AUDIBLEALARM Input/Output Valid Values	YES NO								
AUTOCONNECT	EYUDA	CPSM	4	Yes	LIKE	Autocconnect for terminal option	NO		17
AUTOCONNECT Input/Output Valid Values	YES NO ALL								

Table 492. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
AUTOPAGE	EYUDA	CPSM	4	Yes	LIKE	BMS autopaging option	NO		18
AUTOPAGE Input/Output Valid Values	YES NO								
BACKTRANS	EYUDA	CPSM	4	Yes	LIKE	Background transparency option	NO		19
BACKTRANS Input/Output Valid Values	YES NO								
BRACKET	EYUDA	CPSM	4	Yes	LIKE	Bracket protocol enforced	YES		20
BRACKET Input/Output Valid Values	YES NO								
BUILDCHAIN	EYUDA	CPSM	4	Yes	LIKE	CICS chain assembly performed	NO		21
BUILDCHAIN Input/Output Valid Values	YES NO								
CGCSGIDCODE	CHAR	CPSM	8	No	DIF	Graphic character set global code	0	0-65535	22
CGCSGIDGBLID	CHAR	CPSM	8	No	DIF	Graphic character set global ID	0	0-65535	23
COLOR	EYUDA	CPSM	4	Yes	LIKE	Extended color feature	NO		24
COLOR Input/Output Valid Values	YES NO								
COPY	EYUDA	CPSM	4	Yes	LIKE	Copy feature	NO		25
COPY Input/Output Valid Values	YES NO								
CREATESESS	EYUDA	CPSM	4	Yes	LIKE	Sessions to be created	NO		26
CREATESESS Input/Output Valid Values	YES NO								
DEFSCREENCOL	CHAR	CPSM	4	No	DIF	Default screen size (number of columns)	0	0-999	27

Resource table descriptions

Table 492. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
DEFSCREENROW	CHAR	CPSM	4	No	DIF	Default screen size (number of rows)	0	0-999	28
DEVICE	CHAR	CPSM	8	Yes	DIF	Device type			29
DISCREQ	EYUDA	CPSM	4	Yes	LIKE	Disconnect requests honored	YES		30
DISCREQ Input/Output Valid Values	YES NO								
DUALCASEKYBD	EYUDA	CPSM	4	Yes	LIKE	Dual case keyboard supported	NO		31
DUALCASEKYBD Input/Output Valid Values	YES NO								
ERRCOLOR	EYUDA	CPSM	4	Yes	LIKE	Color of error messages	NO		32
ERRCOLOR Input/Output Valid Values	NO BLUE RED PINK GREEN TURQUOISE YELLOW NEUTRAL								
ERRHIGHLIGHT	EYUDA	CPSM	4	Yes	LIKE	Error messages highlighted	NO		33
ERRHIGHLIGHT Input/Output Valid Values	BLINK REVERSE UNDERLINE NO								
ERRINTENSIFY	EYUDA	CPSM	4	Yes	LIKE	Error message display intensified	NO		34
ERRINTENSIFY Input/Output Valid Values	YES NO								
ERRLASTLINE	EYUDA	CPSM	4	Yes	LIKE	Display error messages on last line	NO		35
ERRLASTLINE Input/Output Valid Values	YES NO								
EXTENDEDDES	EYUDA	CPSM	4	Yes	LIKE	Extended 3270 data stream	NO		36
EXTENDEDDES Input/Output Valid Values	YES NO								
FMHPARM	EYUDA	CPSM	4	Yes	LIKE	Accept user-supplied data in function management header (FMH)	NO		37

Table 492. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
FMHPARM Input/Output Valid Values	YES NO								
FORMFEED	EYUDA	CPSM	4	Yes	LIKE	Formfeed feature	NO		38
FORMFEED Input/Output Valid Values	YES NO								
HILIGHT	EYUDA	CPSM	4	Yes	LIKE	Extended highlight supported	NO		39
HILIGHT Input/Output Valid Values	YES NO								
HORIZFORM	EYUDA	CPSM	4	Yes	LIKE	BMS is to use horizontal tabbing	NO		40
HORIZFORM Input/Output Valid Values	YES NO								
IOAREALEN	CHAR	CPSM	8	No	DIF	I/O buffer length	0	0-32767	41
IOAREALENALT	CHAR	CPSM	8	No	DIF	Alternate I/O buffer length	0	0-32767	42
KATAKANA	EYUDA	CPSM	4	Yes	LIKE	Katakana feature	NO		43
KATAKANA Input/Output Valid Values	YES NO								
LDCLIST	CHAR	CPSM	8	No	DIF	Name of logical device code list			44
LIGHTPEN	EYUDA	CPSM	4	Yes	LIKE	Selector pen feature	NO		45
LIGHTPEN Input/Output Valid Values	YES NO								
LOGMODE	CHAR	CPSM	8	No	DIF	Logmode name			46
LOGONMSG	EYUDA	CPSM	4	Yes	LIKE	Good Morning transaction autoinitiation	NO		47
LOGONMSG Input/Output Valid Values	YES NO								

Resource table descriptions

Table 492. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
MSRCONTROL	EYUDA	CPSM	4	Yes	LIKE	Magnetic slot reader supported	NO		48
MSRCONTROL Input/Output Valid Values	YES NO								
NEPCLASS	CHAR	CPSM	4	No	DIF	Node error program transaction class	0	0-255	49
OBFORMAT	EYUDA	CPSM	4	Yes	LIKE	Outboard formatting to be used	NO		50
OBFORMAT Input/Output Valid Values	YES NO								
OOPERID	EYUDA	CPSM	4	Yes	LIKE	Outboard operator ID BMS routing	NO		51
OOPERID Input/Output Valid Values	YES NO								
OUTLINE	EYUDA	CPSM	4	Yes	LIKE	Device supports field outline	NO		52
OUTLINE Input/Output Valid Values	YES NO								
PAGESIZECOL	CHAR	CPSM	4	No	DIF	Page size (number of columns)	0	0-999	53
PAGESIZEROW	CHAR	CPSM	4	No	DIF	Page size (number of rows)	0	0-999	54
PARTITIONS	EYUDA	CPSM	4	Yes	LIKE	Device uses partitions	YES		55
PARTITIONS Input/Output Valid Values	YES NO								
PRINTADAPTER	EYUDA	CPSM	4	Yes	LIKE	Printer adapter feature	NO		56
PRINTADAPTER Input/Output Valid Values	YES NO								
PROGSYMBOLS	EYUDA	CPSM	4	Yes	LIKE	Programmed symbols can be used	NO		57
PROGSYMBOLS Input/Output Valid Values	YES NO								

Table 492. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
QUERY	EYUDA	CPSM	4	Yes	LIKE	Query structured field to be used	NO		58
QUERY Input/Output Valid Values	NO COLD ALL								
RECEIVESIZE	CHAR	CPSM	8	No	DIF	Maximum size of request unit	256	0-30720	59
RECOVNOTIFY	EYUDA	CPSM	4	Yes	LIKE	XRF recovery notification option	NONE		60
RECOVNOTIFY Input/Output Valid Values	NONE MESSAGE TRANSACTION								
RECOVOPTION	EYUDA	CPSM	4	Yes	LIKE	Session recovery option	SYSDEFAULT		61
RECOVOPTION Input/Output Valid Values	SYSDEFAULT CLEARCONV RELEASESESS UNCONDREL NONE								
RELREQ	EYUDA	CPSM	4	Yes	LIKE	Honor release requests	NO		62
RELREQ Input/Output Valid Values	YES NO								
ROUTEDMSGS	EYUDA	CPSM	4	Yes	LIKE	Messages routed to terminal support			63
ROUTEDMSGS Input/Output Valid Values	ALL NONE SPECIFIC								
SENDSIZE	CHAR	CPSM	8	No	DIF	Maximum send size	0	0-30720	64
SESSIONTYPE	CHAR	CPSM	8	No	DIF	Type of session			65
SHIPPABLE	EYUDA	CPSM	4	Yes	LIKE	Definition shipped to a remote system	NO		66
SHIPPABLE Input/Output Valid Values	NO YES								
SIGNOFF	EYUDA	CPSM	4	Yes	LIKE	Automatic timeout	YES		67
SIGNOFF Input/Output Valid Values	YES NO LOGOFF								

Resource table descriptions

Table 492. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
SOSI	EYUDA	CPSM	4	Yes	LIKE	Mixed EBCDIC/DBCS supported	NO		68
SOSI Input/Output Valid Values	YES NO								
TEXTKYBD	EYUDA	CPSM	4	Yes	LIKE	Text-keyboard feature	NO		69
TEXTKYBD Input/Output Valid Values	YES NO								
TEXTPRINT	EYUDA	CPSM	4	Yes	LIKE	Text-print feature	NO		70
TEXTPRINT Input/Output Valid Values	YES NO								
TTI	EYUDA	CPSM	4	Yes	LIKE	Transactions started via user	YES		71
TTI Input/Output Valid Values	YES NO								
UCTRAN	EYUDA	CPSM	4	Yes	LIKE	Input translated to upper case	NO		72
UCTRAN Input/Output Valid Values	YES NO TRANID								
VALIDATION	EYUDA	CPSM	4	Yes	LIKE	Device supports extended validation	NO		73
VALIDATION Input/Output Valid Values	YES NO								
VERTICALFORM	EYUDA	CPSM	4	Yes	LIKE	BMS to use vertical tabbing	NO		74
VERTICALFORM Input/Output Valid Values	YES NO								
XRFSIGNOFF	EYUDA	CPSM	4	No	LIKE	Replaced by RSTSIGNOFF. XRFSIGNOFF can be used in compatibility mode	NOFORCE		75
XRFSIGNOFF Input/Output Valid Values	NOFORCE FORCE								
USERAREALEN	CHAR	CPSM	4	No	DIF	User area length	0	0-255	76

Table 492. TYPTMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
FULLSCREEN	EYUDA	CPSM	4	Yes	LIKE	Full screen option (OS/2)	YES		77
FULLSCREEN Input/Output Valid Values	YES NO								
CODEPAGE	CHAR	CPSM	8	No	DIF	Code page value		0-65534	78
ASYNCPRT3151	CHAR	CPSM	4	No	DIF	3151 asynchronous port name (OS/2)			79
ASYNCBPS	CHAR	CPSM	8	No	DIF	Asynchronous line speed (OS/2)			80
ASYNCBPS Input/Output Valid Values	0 110 150 300 600 1200 1800 2400 3600 4800 9600 19200								
WRKSTATIONSU	CHAR	CPSM	8	No	DIF	Workstation setup (OS/2)			81
ALTSUFFIX	CHAR	CPSM	1	No	DIF	Map set name suffix			82
TERMMODEL	CHAR	CPSM	4	No	DIF	Terminal model number	1	1-2	83
CREATETIME	DATETIME	CPSM	8	Yes	MAX	Definition create time			84
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			85
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			86
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			87
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			88
RSTSIGNOFF	EYUDA	CPSM	4	Yes	LIKE	Sign-on characteristics	NOFORCE		90
RSTSIGNOFF Input/Output Valid Values	NOFORCE FORCE								

UOW Resource Table

A CICS Resource that describes a unit of work in an active system running the CICS TS for OS/390 and being managed by CICSplex SM.

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

The following actions are supported for units of work that are shunted indoubt:

BACKOUT

Perform syncpoint backout processing.

COMMIT

Perform syncpoint commit processing.

FORCE

Force UOW to backout or commit.

These actions require no unique parameter data.

Length 248

Usage API

API view Yes

CMAS context No

SCOPE applies Yes

Only query CMASs in workload

No

Object type CICS Resource

Copybook identifier EYUt0079 or UOW

Valid API operations GET SET and PERFORM

API Actions

FORCE Force

Parameters: None

BACKOUT Back out

Parameters: None

COMMIT Commit

Parameters: None

Table 493. UOW resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved		
UOWID-1	HEX	INQ	16	MIN		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							
WAITSTATE	CVDAS	INQ	4	LIKE		Wait status		3
WAITSTATE Output Valid Values	ACTIVE SHUNTED WAITING							
WAITCAUSE	CVDAS	INQ	4	LIKE		Cause of wait		4
WAITCAUSE Output Valid Values	CONNECTION DATASET WAITCOMMIT WAITFORGET RLSSERVER WAITRMI WAITRRMS							
AGE	BINARY	INQ	4	AVG		Time in current wait state (seconds)		5
NETNAME	CHAR	INQ	8	DIF		Netname of link causing UOW wait/shunt		6
SYSID	CHAR	INQ	4	DIF		System ID of connection that caused wait		7
TERMID	CHAR	INQ	4	DIF		Terminal from which this UOW was started		8
TRANSID	CHAR	INQ	4	DIF		Transaction that started UOW		9
TASKID	DECIMAL	INQ	4	AVG		Task originally associated with UOW		10
USERID	CHAR	INQ	8	DIF		User that started transaction		11

Resource table descriptions

Table 493. UOW resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
LINK	CHAR	INQ	8	DIF		Netname of remote system that caused wait		12
NETUOWID	HEX	INQ	27	MIN		LU 6.2 network-wide name for UOW		13
OTSTID	CHAR	INQ	128	DIF		Object transaction service (OTS) transaction ID	E530	14

UOWDSNF Resource Table

A CICS Resource that describes a shunted unit of work due to a failed data set in an active system running the CICS TS for OS/390 and being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

Length	104
Usage	API
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0084 or UOWDSNF
Valid API operations	GET

Table 494. UOWDSNF resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
UOWID-1	HEX	INQ	16	MIN	Unit of work (UOW) ID	1
DSNAME-2	CHAR	INQ	44	DIF	Data set name with retained locks	2
CAUSE	CVDAS	INQ	4	LIKE	Failed component which caused this failure	3
CAUSE Output Valid Values	CACHE RLSSERVER CONNECTION DATASET UNDEFINED					
RLSACCESS	CVDAS	INQ	4	LIKE	Mode in which data set last opened	4
RLSACCESS Output Valid Values	RLS NOTRLS					
SYSID	CHAR	INQ	4	DIF	Name of remote system where connection lost	5
REASON	CVDAS	INQ	4	LIKE	Specific reason for error	6
REASON Output Valid Values	RLSGONE COMMITFAIL IOERROR FAILEDBKOUT DATASETFULL DEADLOCK INDEXRECFULL OPENERORR DELEXITERROR BACKUPNONBWO NOTAPPLIC					
NETNAME	CHAR	INQ	8	DIF	Netname of remote system where connection lost	7

UOWENQ Resource Table

A CICS Resource that describes an enqueue held by a unit of work in an active system running the CICS TS for OS/390 and being managed by CICSplex SM.

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

There are no object specific actions for this resource class.

Length	608
Usage	API
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0080 or UOWENQ
Valid API operations	GET

Table 495. UOWENQ resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
UOWID-1	HEX	INQ	16	MIN	Unit of work (UOW) ID		1
TRANSID	CHAR	INQ	4	DIF	Transaction ID associated with UOW		2
TASKID	DECIMAL	INQ	4	AVG	Task number associated with UOW		3
STATE	CVDAS	INQ	4	LIKE	Enqueue type		4
STATE Output Valid Values	ACTIVE RETAINED						
TYPE	CVDAS	INQ	4	LIKE	Resource type		5
TYPE Output Valid Values	DATASET EXECENQ EXECENQADDR						
RELATION	CVDAS	INQ	4	LIKE	Owner or task waiting		6
RELATION Output Valid Values	OWNER WAITER						
ENQFAILS	BINARY	INQ	4	AVG	Number of enqueue failures since last acquire		7
QUALLEN	BINARY	INQ	2	AVG	Length of resource qualifier (bytes)		8
RESLEN	BINARY	INQ	2	AVG	Length of resource name (bytes)		9
RESOURCE-2	CHAR	INQ	255	DIF	Resource name		10
QUALIFIER	CHAR	INQ	255	DIF	Resource name qualifier		11
NETUOWID	HEX	INQ	27	MIN	Network-wide LU6.2 unit of work (UOW) id		12
ENQSCOPE	CHAR	INQ	4	DIF	ENQ scope name		13

UOWLINK Resource Table

A CICS Resource that describes a connection used by a unit of work in an active system running the CICS TS for OS/390 and being managed by CICSPlex SM.

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

The following actions are supported:

DELETE

Delete the UOW link.

The DELETE action requires no unique parameter data.

Length	392
Usage	API
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0081 or UOWLINK
Valid API operations	GET SET and PERFORM

API Actions

DELETE	Delete
---------------	--------

Parameters: None

Table 496. UOWLINK resource table attributes

Name	Datatype	Source	Len	Sum	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved		
LINK-1	HEX	INQ	4	MIN	Link token		1
UOWID	HEX	INQ	16	MIN	Unit of work (UOW) ID		2
LINKNAME	CHAR	INQ	8	DIF	Netname of remote system or global user exit name		3
TYPE	CVDAS	INQ	4	LIKE	Resource type		4
TYPE Output Valid Values	CONNECTION RMI IIOF						
SYSID	CHAR	INQ	4	DIF	Name of remote system		5
RMIQFY	CHAR	INQ	8	DIF	Entry qualifier of task related user exit		6
ROLE	CVDAS	INQ	4	LIKE	Role of connection		7
ROLE Output Valid Values	COORDINATOR SUBORDINATE UNKNOWN						
RESYNCSTATUS	CVDAS	INQ	4	LIKE	Resynchronization status		8
RESYNCSTATUS Output Valid Values	COLD OK STARTING UNAVAILABLE						
PROTOCOL	CVDAS	INQ	4	LIKE	Link protocol		9
PROTOCOL Output Valid Values	APPC IRC LU61 RRMS						
NETUOWID	HEX	INQ	27	MIN	Network-wide LU 6.2 name of UOW		10
RRMSURID	CHAR	CMF	32	DIF	RRMS Unit of recoverable work ID		11
HOST	CHAR	INQ	255	DIF	TCP/IP host address	E530	12

Resource table descriptions

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** .
 # **Length** 32
 # **Usage** API or Batch Utility
 # **API view** No
 # **CMAS context** No
 # **SCOPE applies** No
 # **Only query CMASs in workload**
 # No
 # **Object type** CPSM Definition
 # **Copybook identifier** EYUt6178 or URIINGRP
 # **Valid API operations** GET CREATE and REMOVE

Table 497. URIINGRP FEEDBACK error codes

# Code	Description	Code	Description
# DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
# INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
# INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
# INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
# INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
# INV_NAME	Invalid name		

Table 498. URIINGRP resource table attributes

# Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
# CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
# URIGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
# URINAME-2	CHAR	CPSM	8	Yes	DIF	URIMAP definition name	6
# URIVER-3	BINARY	CPSM	1	Yes	AVG	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.

Length	1264
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0162 or URIMAP
Valid API operations	GET SET and PERFORM
Unsupported releases	E530, E620 and E630

API Actions

ENABLE	Enable	Parameters: None
DISABLE	Disable	Parameters: None
DISCARD	Discard	Parameters: None

Table 499. URIMAP resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved	
NAME-1	CHAR	INQ	8	DIF		URI map name	1
ENABLESTATUS	CVDAS	INQ	4	LIKE	yes	URI map status	2
ENABLESTATUS Input/Output Valid Values	ENABLED DISABLED DISABLEDHOST						
USAGE	CVDAS	INQ	4	LIKE		URI map usage	3
USAGE Output Valid Values	SERVER CLIENT PIPELINE						
SCHEME	CVDAS	INQ	4	LIKE		Scheme component of URI to which the map applies	4

Resource table descriptions

Table 499. URIMAP resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
SCHEME Output Valid Values	HTTP HTTPS						
HOST	CHAR	INQ	116	DIF		Host component of URI to which the map applies	5
PATH	CHAR	INQ	255	DIF		Path component of URI to which the map applies	6
MEDIATYPE	CHAR	INQ	56	DIF		Static data response to the inbound HTTP request	7
CHARACTERSET	CHAR	INQ	40	DIF		Character set of CICS response to the HTTP request	8
HOSTCODEPAGE	CHAR	INQ	10	DIF		Code page in which the static response is encoded	9
TEMPLATENAME	CHAR	INQ	48	DIF		Document template to form the static response	10
HFSFILE	CHAR	INQ	255	DIF		Qualified HFS file to form the static response	11
TCPIPSERVICE	CHAR	INQ	8	DIF		Inbound TCP/IP service relating to this URI map	12
ANALYZERSTAT	CVDAS	INQ	4	LIKE		Use an analyzer program to process HTTP request	13
ANALYZERSTAT Output Valid Values	ANALYZER NOANALYZER						
CONVERTER	CHAR	INQ	8	DIF		Converter program to process request content	14
TRANSACTION	CHAR	INQ	4	DIF		Alias transaction to run application for response	15
PROGRAM	CHAR	INQ	8	DIF		Application program that will process the request	16
PIPELINE	CHAR	INQ	8	DIF		Pipeline that will process the request	17
WEBSERVICE	CHAR	INQ	32	DIF		Web service that will process the request	18
USERID	CHAR	INQ	8	DIF		User ID to attach the alias transaction	19
CERTIFICATE	CHAR	INQ	32	DIF		SSL client certificate for outbound HTTPS request	20
CIPHERS	CHAR	INQ	56	DIF		Cipher suite codes to be used for outbound SSL	21
LOCATION	CHAR	INQ	255	DIF	yes	URI to which to redirect the inbound HTTP request	22
MAPREFCOUNT	BINARY	STAT	4	AVG		URI map reference count	24
MATCHDISABLD	BINARY	STAT	4	AVG		URI map host or path disabled	25
MATCHREDIREC	BINARY	STAT	4	AVG		URI map host or path redirect	26
NUMCIPHERS	BINARY	INQ	2	LIKE		Number of SSL cipher suite codes	27
REDIRECTTYPE	CVDAS	INQ	4	LIKE	yes	Type of redirection	29
REDIRECTTYPE Input/Output Valid Values	NONE TEMPORARY PERMANENT						

URIMPDEF Resource Table

A CICS definition that describes the universal resource identifier (URI) of requests from web clients or requests to a remote server.

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

The following actions are supported:

INSTALL

Install a Connection Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

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.

Length	1328
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3833 or URIMPDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Unsupported releases	E530, E620 and E630
Parameters	

GET [CICSSYS] [RESGROUP]
CREATE
 [RESGROUP]

API Actions

INSTALL

Install

PARM(' [NOTIFY(*value*)] USAGE(*value*)
 [FORCEINS(*value*)] [STATECHK(*value*)]
 [MODE(*value*)] [OVERTYPE(*value*)]
 [OVERRIDE(*override*)] TARGET(*value*)
 [RELATED(*value*)] .')

ADDTOGRP

Add to resource group

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

Table 500. URIMPDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string term
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope

Resource table descriptions

| *Table 500. URIMPDEF FEEDBACK error codes (continued)*

INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed
INV_NAME	Invalid name	NOTIFY	Notify
INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid over type	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Table 501. URIMPDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	URI map definition name			7
CREATETIME	DATE TIME	CPSM	8	Yes	MAX	Definition creation time			9
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			10
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			11
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			12
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			13
STATUS	CVDAS	CPSM	4	Yes	LIKE	Enabled status	ENABLED		15
STATUS Input/Output Valid Values	ENABLED DISABLED								
USAGE	CVDAS	CPSM	4	Yes	LIKE	URI map usage type	SERVER		16
USAGE Input/Output Valid Values	SERVER CLIENT PIPELINE								
SCHEME	CVDAS	CPSM	4	Yes	LIKE	Scheme component of URI to which the map applies	HTTP		17
SCHEME Input/Output Valid Values	HTTP HTTPS								
HOST	CHAR	CPSM	116	Yes	DIF	Host component of URI to which the map applies			18
PATH	CHAR	CPSM	255	Yes	DIF	Path component of URI to which the map applies			19
MEDIATYPE	CHAR	CPSM	56	No	DIF	Static data response to the inbound HTTP request			20
CHARACTERSET	CHAR	CPSM	40	No	DIF	Character set of CICS response to the HTTP request			21
HOSTCODEPAGE	CHAR	CPSM	10	No	DIF	Code page in which the static response is encoded			22
TEMPLATENAME	CHAR	CPSM	48	No	DIF	Document template to form the static response			23
HFSFILE	CHAR	CPSM	255	No	DIF	Qualified HFS file to form the static response			24
TCPIPSERVICE	CHAR	CPSM	8	No	DIF	Inbound TCP/IP service relating to this URI map			25
ANALYZER	EYUDA	CPSM	4	No	LIKE	Use an analyzer program to process HTTP request	NO		26

Resource table descriptions

Table 501. URIMPDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
ANALYZER Input/Output Valid Values	NO YES								
CONVERTER	CHAR	CPSM	8	No	DIF	Converter program to process request content			27
TRANSACTION	CHAR	CPSM	4	No	DIF	Alias transaction to run application for response	CWBA		28
PROGRAM	CHAR	CPSM	8	No	DIF	Application program that will process the request			29
PIPELINE	CHAR	CPSM	8	No	DIF	Pipeline that will process the request			30
WEBSERVICE	CHAR	CPSM	32	No	DIF	Web service that will process the request			31
USERID	CHAR	CPSM	8	No	DIF	The user ID to attach the alias transaction			32
CERTIFICATE	CHAR	CPSM	32	No	DIF	SSL client certificate for outbound HTTPS request			33
CIPHERS	CHAR	CPSM	56	No	DIF	Cipher suite codes to be used for outbound SSL			34
LOCATION	CHAR	CPSM	255	No	DIF	URI to which to redirect the inbound HTTP request			35
REDIRECTTYPE	CVDAS	CPSM	4	Yes	LIKE	Type of redirection	NONE		37
REDIRECTTYPE Input/Output Valid Values	NONE TEMPORARY PERMANENT								

URIMPGBL Resource Table

A CICS resource, with no key, that describes the global statistics returned by CICS extract statistics for the URIMAP resource.

Length	64
Usage	API or EVALDEF
API view	Yes
CMAS context	No
Object type	CICS Resource
Copybook identifier	EYUt0166 or URIMPGBL
Valid API operations	GET
Unsupported releases	E530, E620 and E630

Table 502. URIMPGBL resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A	CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A	CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A	Reserved	
MAPREFCOUNT	BINARY	STAT	4	N/A	URI map reference count	1
MATCHDISABLD	BINARY	STAT	4	N/A	URI map host or path disabled	2
NOMATCHCOUNT	BINARY	STAT	4	N/A	URI map host or path no match count	3
MATCHCOUNT	BINARY	STAT	4	N/A	URI map host or path match count	4
MATCHREDIREC	BINARY	STAT	4	N/A	URI map host or path redirect	5
MATCHANALYZE	BINARY	STAT	4	N/A	URI map host or path match analyzer	6
STATICCONTENT	BINARY	STAT	4	N/A	URI map static content	7
DYNAMCONTENT	BINARY	STAT	4	N/A	URI map dynamic content	8
PIPELINEREQS	BINARY	STAT	4	N/A	URI map pipeline requests	10
SCHEMEHTTP	BINARY	STAT	4	N/A	URI map SCHEME(HTTP) requests	11
SCHEMEHTTPS	BINARY	STAT	4	N/A	URI map SCHEME(HTTPS) requests	12
HOSTDISABLED	BINARY	STAT	4	N/A	Host disabled count	13

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.

Length	32
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt6180 or WEBINGRP
Valid API operations	GET CREATE and REMOVE

Table 503. WEBINGRP FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
INCONSISTENT_SET	Inconsistent set	INV_VER	Invalid resource version
INV_CONTEXT	Context not found	NON_MP	Maintenance point CMAS not available
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_MINNAME	Invalid minor name	REC_NOT_FOUND	Requested resource not found
INV_NAME	Invalid name		

Table 504. WEBINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
WEBGROUP-1	CHAR	CPSM	8	Yes	DIF	Resource group name	5
WEBNAME-2	CHAR	CPSM	8	Yes	DIF	WebService definition name	6
WEBVER-3	BINARY	CPSM	1	Yes	AVG	WebService definition version	7

WEBSERV Resource Table

A CICS resource that defines aspects of the run-time environment for a CICS application program deployed in a Web services setting, where the mapping between application data structure and SOAP messages has been generated using CICS-supplied tools.

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

Length 1136
Usage API or EVALDEF
API view Yes
CMAS context No
SCOPE applies Yes
Only query CMASs in workload No
Object type CICS Resource
Copybook identifier EYUt0165 or WEBSERV
Valid API operations GET SET and PERFORM
Unsupported releases E530, E620 and E630

API Actions

DISCARD Discard

Parameters: None

Table 505. WEBSERV resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name	
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release	
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved	
NAME-1	CHAR	INQ	32	DIF		Web service name	1
WSBIND	CHAR	INQ	255	DIF		Fully-qualified WSBIND file on HFS	2
WSDLFILE	CHAR	INQ	255	DIF		Fully-qualified WSDL file on HFS	3
PIPELINE	CHAR	INQ	8	DIF		Pipeline in which this web service is installed	5
VALIDATIONST	CVDAS	INQ	4	LIKE	yes	Perform validation of SOAP messages against WSDL	6
VALIDATIONST Input/Output Valid Values	VALIDATION NOVALIDATION						
URIMAP	CHAR	INQ	8	DIF		Dynamically installed URI map for this web service	7
PROGRAM	CHAR	INQ	8	DIF		Application program to implement this web service	8
ENDPOINT	CHAR	INQ	255	DIF		The endpoint URI of a remote web service	9
BINDING	CHAR	INQ	255	DIF		The WSDL binding that this web service represents	10
PGMINTERFACE	CVDAS	INQ	4	LIKE		Where the specified program expects input	12
PGMINTERFACE Output Valid Values	CHANNEL COMMAREA NOTAPPLIC						

Resource table descriptions

| Table 505. *WEBSERV* resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Set	Description	Attr ID
CONTAINER	CHAR	INQ	16	DIF		Container used if the program input is CHANNEL	13
LASTMODTIME	DATETIME	INQ	8	MAX		Time the WSBind file on HFS was last updated	14
STATE	CVDAS	INQ	4	LIKE		Web service status	15
STATE Output Valid Values	INITING DISCARDING INSERVICE UNUSABLE						
WEBUSECOUNT	BINARY	STAT	4	AVG		Number of times web service used	16

WEBSVDEF Resource Table

A CICS definition that describes aspects of the run-time environment for a CICS application program deployed in a Web services setting, where the mapping between application data structure and SOAP messages has been generated using CICS-supplied tools.

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

The following actions are supported:

INSTALL

Install a Connection Definition.

The parameter data for the INSTALL action is described in “Parameters for installing CICS Definitions” on page 6.

ADDTOGRP

Add to resource group

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

Length	632
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CICS Definition
Copybook identifier	EYUt3835 or WEBSVDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
Unsupported releases	E530, E620 and E630
Parameters	

GET [CICSSYS] [RESGROUP]

CREATE

[RESGROUP]

API Actions

INSTALL

Install

PARM(' [NOTIFY(*value*)] USAGE(*value*)
[FORCEINS(*value*)] [STATECHK(*value*)]
[MODE(*value*)] [OVERTYPE(*value*)]
[OVERRIDE(*override*)] TARGET(*value*)
[RELATED(*value*)] .')

ADDTOGRP

Add to resource group

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

Table 506. WEBSVDEF FEEDBACK error codes

Code	Description	Code	Description
DIFF_VERSION	Different version	INV_RESTYPE	Invalid resource type
EARLY_NAMELIST_END	Early name list end	INV_RSCOPE	Invalid related scope
INCONSISTENT_SET	Inconsistent set condition	INV_STATECHK	Invalid state check
INV_ACTION	Invalid action	INV_STRNGTERM	Invalid string term
INV_ATTRIBUTE	Invalid attribute	INV_TSCOPE	Invalid target scope
INV_CONTEXT	Context not found	INV_USAGE	Invalid usage
INV_DATA	Attribute data invalid	INV_VER	Invalid resource version

Resource table descriptions

Table 506. WEBSVDEF FEEDBACK error codes (continued)			
INV_EMBEDTERM	Invalid embedded terminator	MISSING_RELSYSID	Missing related system identifier
INV_FORCEINS	Invalid force install	MORE_THAN_1_RELSYS	More than one related system
INV_LITERAL	Invalid literal	NODEFS_SELECTED	No definitions selected
INV_MINNAME	Invalid minor name	NON_MP	Maintenance point CMAS not available
INV_MODE	Invalid mode	NOTHING_INSTALLED	Nothing installed
INV_NAME	Invalid name	NOTIFY	Notify
INV_NAMELIST	Invalid name list	NO_RELATED	No related systems
INV_NOTIFY	Invalid notify	NO_TARGETS	No targets
INV_ORSTGNA	Invalid override string	PARTIAL_INSTALL	Partial install
INV_ORSTRING	Invalid override string	REC_CHANGED	Resource definition already changed
INV_OVERTYPE	Invalid over type	REC_EXISTS	Resource already exists
INV_OVRBLOCK	Invalid override block	REC_NOT_FOUND	Requested resource not found
INV_RECADDR	Invalid record address	SCOPE_CONFLICT	Scope conflict
INV_RECLN	Invalid record length	SCOPE_REQUIRED	Scope required
INV_RESGROUP	Resource group not found	USAGE_CONFLICT	Usage conflict

Table 507. WEBSVDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATE TIME	CPSM	8	Yes	MAX	Last time the definition was changed			1
DEFVER-2	BINARY	CPSM	1	Yes	AVG	Definition version	0	0-15	5
NAME-1	CHAR	CPSM	8	Yes	DIF	Web service definition name			7
CREATETIME	DATE TIME	CPSM	8	Yes	MAX	Definition creation time			9
USERDATA1	CHAR	CPSM	8	No	DIF	User data area 1			10
USERDATA2	CHAR	CPSM	8	No	DIF	User data area 2			11
USERDATA3	CHAR	CPSM	8	No	DIF	User data area 3			12
DESCRIPTION	CHAR	CPSM	58	No	DIF	Definition description			13
PIPELINE	CHAR	CPSM	8	Yes	DIF	Pipeline in which to install this web service			14
WSBIND	CHAR	CPSM	255	Yes	DIF	Fully-qualified WSBIND file on HFS			15
WSDLFILE	CHAR	CPSM	255	No	DIF	Fully-qualified WSDL file on HFS			16
VALIDATION	EYUDA	CPSM	4	No	LIKE	Perform validation of SOAP messages against WSDL	NO		17
VALIDATION Input/Output Valid Values	NO YES								

WLMATAFF Resource Table

A CPSM Workload Manager object that describes an active affinity relationship for a dynamic transaction. An instance of this object exists for the duration of the affinity, which in many cases is a very short period of time.

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

APAR PQ30578

Documentation for APAR PQ30578 addedd 18/04/2000

```
PARM('WORKLOAD(workload).')
```

where:

workload = (Required) The name of an active workload.

The key for this resource class is a composite element.

The following action is supported:

FORCE

Force an affinity to be broken.

This action is provided for use when system failures occur and manual recovery of a workload is required. It is not intended for general use and may cause damage if used in an inappropriate manner. CICSplex SM makes no checks prior to the forced removal of an affinity relation.

Length	144
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	Yes
Object type	CPSM Manager
Copybook identifier	EYUt2487 or WLMATAFF
Valid API operations	GET and PERFORM

API Actions

FORCE Force

Parameters: None

Table 508. WLMATAFF FEEDBACK error codes

Code	Description	Code	Description
AFFINITY_NOT_FOUND	Affinity not found	TRANGRP_NOT_FOUND	Transaction group not found
NO_TRANGRP	No transaction group	WORKLOAD_FROZEN	Workload frozen
NO_WORKLOAD	No workload	WORKLOAD_NOT_FOUND	Workload not found

Table 509. WLMATAFF resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
TRANGRP-3	CHAR	CPSM	8	DIF	Transaction group name	4

Table 509. WLMATAFF resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
WORKLOAD-1	CHAR	CPSM	8	DIF	Workload name	5
AFFINITY	EYUDA	CPSM	4	LIKE	Affinity relationship	6
AFFINITY Output Valid Values	GLOBAL LUNAME USERID BAPPL					
LIFETIME	EYUDA	CPSM	4	LIKE	Affinity lifetime	7
LIFETIME Output Valid Values	LOGON PCONV PERMANENT SIGNON SYSTEM DELIMIT ACTIVITY PROCESS					
USERID-4	CHAR	CPSM	8	DIF	User identifier	9
LUNAME-5	CHAR	CPSM	17	DIF	Terminal LU name	10
TORNAME-6	CHAR	CPSM	8	DIF	Routing region name	11
TERMID-7	CHAR	CPSM	8	DIF	Routing region terminal name	12
RESERVD2-8	CHAR	CPSM	11	DIF	Last bytes of activity id, if CBTS-type affinity	15
AOR	CHAR	CPSM	8	DIF	Target region	13
WRKLOWNER-2	CHAR	CPSM	4	DIF	System ID of workload owner	14
CBTSKEY	HEX	CPSM	52	N/A	BTS activity ID	16

WLMATGRP Resource Table

A CPSM Workload Manager object that describes a transaction group installed in an active workload.

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

APAR PQ30578

Documentation for APAR PQ30578 added 18/04/2000

```
PARM('WORKLOAD(workload).')
```

where:

workload = (Required) The name of an active workload.

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

The key for this resource class is a composite element.

The following actions are supported:

ACTIVE

Activate the Transaction Group.

DORMANT

Make the Transaction Group dormant.

These actions require no unique parameter data.

A transaction group in the dormant state does not make affinity relation decisions about AOR target selection. It does, however, record static affinity relations. This allows a transaction group to be installed prior to activating dynamic transaction routing to record affinities based on the existing static routing configuration. When the transaction group is made active, it then has a valid representation of affinities created using static facilities.

Length	56
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	Yes
Object type	CPSM Manager
Copybook identifier	EYUt2486 or WLMATGRP
Valid API operations	GET and PERFORM

API Actions

ACTIVE

Set transaction group active

```
PARM(' [WORKLOAD(value)] .')
```

DORMANT

Set transaction group dormant

```
PARM(' [WORKLOAD(value)] .')
```

Table 510. WLMATGRP FEEDBACK error codes

Code	Description	Code	Description
------	-------------	------	-------------

Table 510. WLMATGRP FEEDBACK error codes (continued)

NO_TRANGRP	No transaction group	WORKLOAD_FROZEN	Workload frozen
NO_WORKLOAD	No workload		

Table 511. WLMATGRP resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
TRANGRP-3	CHAR	CPSM	8	DIF	Transaction group name	4
WORKLOAD-1	CHAR	CPSM	8	DIF	Workload name	5
STATUS	EYUDA	CPSM	4	LIKE	Transaction group activation status	6
STATUS Input/Output Valid Values	ACTIVE DORMANT					
FILTER	EYUDA	CPSM	4	LIKE	Primary search criterion	7
FILTER Input/Output Valid Values	LUNAME USERID					
AFFINITY	EYUDA	CPSM	4	LIKE	Affinity relationship	8
AFFINITY Input/Output Valid Values	GLOBAL LUNAME USERID NONE N_A BAPPL					
AFFLIFE	EYUDA	CPSM	4	LIKE	Affinity lifetime	9
AFFLIFE Input/Output Valid Values	LOGON PCONV PERMANENT SIGNON SYSTEM DELIMIT NONE N_A ACTIVITY PROCESS					
ABENDCRIT	BINARY	CPSM	1	AVG	Acceptable level of abend probability	10
ABENDTHRESH	BINARY	CPSM	1	AVG	Acceptable target region load level	11
EVENTNAME	CHAR	CPSM	8	DIF	Event name	12
WRKLOWNER-2	CHAR	CPSM	4	DIF	System ID of workload owner	13
AFFAUTO	EYUDA	CPSM	4	LIKE	Automatic affinity creation option	15
AFFAUTO Input/Output Valid Values	YES NO N_A					

WLMATRAN Resource Table

A CPSM Workload Manager object that describes a dynamic transaction defined explicitly to CICSplex SM. Dynamic transactions need only be defined if they have specific separation or affinity criteria.

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

APAR PQ30578

Documentation for APAR PQ30578 added 18/04/2000

```
PARM('WORKLOAD(workload).')
```

where:

workload = (Required) The name of an active workload.

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

The key for this resource class is a composite element.

The following action is supported:

FORCE

Force removal of a transaction.

The FORCE action requires no unique parameter data.

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	Yes
Object type	CPSM Manager
Copybook identifier	EYUt2488 or WLMATRAN
Valid API operations	GET and PERFORM

API Actions

FORCE Force

Parameters: None

Table 512. WLMATRAN FEEDBACK error codes

Code	Description	Code	Description
MAL_PENDING	MAL pending	NO_WORKLOAD	No workload
NO_TRANSID	No transaction ID	WORKLOAD_FROZEN	Workload frozen

Table 513. WLMATRAN resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
TRANID-3	CHAR	CPSM	8	DIF	Transaction name	4
PSEUDOMODE	EYUDA	CPSM	4	LIKE	Start or end of pseudo-conversation	5

Table 513. WLMATRAN resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
PSEUDOMODE Output Valid Values	START END N_A					
TRANGRP	CHAR	CPSM	8	DIF	Transaction group name	6
WORKLOAD-1	CHAR	CPSM	8	DIF	Workload name	7
WRKLOWNER-2	CHAR	CPSM	4	DIF	System ID of workload owner	8

Table 515. WLMWAOR resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
WORKLOAD-1	CHAR	CPSM	8	DIF	Workload name	4
AOR-3	CHAR	CPSM	8	DIF	Target region name	5
STATUS	EYUDA	CPSM	4	LIKE	Target region status	6
STATUS Input/Output Valid Values	ACTIVE QUIESCE					
STATUS Output Valid Values	QUIESCING QUIESCED					
CON_STATUS	EYUDA	CPSM	4	LIKE	Target region contact status	7
CON_STATUS Output Valid Values	LOSTCON N_A					
WRKLOWNER-2	CHAR	CPSM	4	DIF	System ID of workload owner	8

WLMADDEF Resource Table

A CPSM Workload Manager object that describes a workload definition installed in an active workload.

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

APAR PQ30578

Documentation for APAR PQ30578 added 18/04/2000

```
PARM('WORKLOAD(workload).')
```

where workload = (Required) The name of an active workload.

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

The key for this resource class is a composite element.

The following action is supported:

DISCARD

Remove the installed definition.

The DISCARD action requires no unique parameter data.

Length	128
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	Yes
Object type	CPSM Manager
Copybook identifier	EYUt2489 or WLMADDEF
Valid API operations	GET and PERFORM

API Actions

DISCARD Discard

Parameters: None

Table 516. WLMADDEF FEEDBACK error codes

Code	Description	Code	Description
MAL_PENDING	Request scheduled for execution later	WLMDEF_NOT_FOUND	Workload management definition not found
NO_WLMDEF	No workload management definition (WLMDEF)	WORKLOAD_FROZEN	Workload frozen
NO_WORKLOAD	No workload		

Table 517. WLMADDEF resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
NAME-3	CHAR	CPSM	8	DIF	Workload definition (WLMDEF) name	4
WORKLOAD-1	CHAR	CPSM	8	DIF	Workload name	5

Table 517. WLMAWDEF resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
TRANGRP	CHAR	CPSM	8	DIF	Transaction group name	6
LUNAME	CHAR	CPSM	17	DIF	Terminal LU name	7
USERID	CHAR	CPSM	8	DIF	User ID	8
AORSCOPE	CHAR	CPSM	8	DIF	Scope name of set of target systems	9
DESC	CHAR	CPSM	58	DIF	Description	10
WRKLOWNER-2	CHAR	CPSM	4	DIF	System ID of workload owner	11
PROCESSTYPE	CHAR	CPSM	8	DIF	Process type	12

WLMWORK Resource Table

A CPSM Workload Manager object that describes an active workload.

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

Note: The WLMWORK will not exist until the first CICS defined as a router has initialized and created the workload. The creation of the workload is indicated in the CMAS EYULOG by message EYUWM0400I.

Length	120
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Manager
Copybook identifier	EYUt2483 or WLMWORK
Valid API operations	GET

Table 518. WLMWORK resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
WORKLOAD-1	CHAR	CPSM	8	DIF	Workload name	4
AFFINITY	EYUDA	CPSM	4	LIKE	Default affinity type	5
AFFINITY Output Valid Values	GLOBAL LUNAME USERID NONE N_A BAPPL					
AFFLIFE	EYUDA	CPSM	4	LIKE	Default affinity lifetime	6
AFFLIFE Output Valid Values	LOGON PCONV PERMANENT SIGNON SYSTEM DELIMIT NONE N_A ACTIVITY PROCESS					
TORCNT	BINARY	CPSM	2	AVG	Number of active routing regions	7
AORCNT	BINARY	CPSM	2	AVG	Number of active target regions	8
AORSCOPE	CHAR	CPSM	8	DIF	Default target scope	9
DESC	CHAR	CPSM	58	DIF	Description	10
STATUS	EYUDA	CPSM	4	LIKE	Workload status	12
STATUS Output Valid Values	ACTIVE FROZEN					
ALGTYPE	EYUDA	CPSM	4	LIKE	Algorithm type used to select best CICS region	14
ALGTYPE Output Valid Values	QUEUE GOAL					
ABENDCRIT	BINARY	CPSM	1	AVG	Acceptable level of abend probability	15
ABENDTHRESH	BINARY	CPSM	1	AVG	Acceptable target region load level	16
EVENTNAME	CHAR	CPSM	8	DIF	Event name	17
WRKLOWNER-2	CHAR	CPSM	4	DIF	System ID of workload owner	18
AFFAUTO	EYUDA	CPSM	4	LIKE	Automatic affinity creation option	20
AFFAUTO Output Valid Values	YES NO N_A					

Table 518. WLMWORK resource table attributes (continued)

Name	Datatype	Source	Len	Sum	Description	Attr ID
SHARED	EYUDA	CPSM	4	LIKE	Workload shared status	21
SHARED Output Valid Values	YES NO					

WLMAWTOR Resource Table

A CPSM Workload Manager object that describes a CICS system used as a TOR in an active workload.

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

APAR PQ30578

Documentation for APAR PQ30578 added 18/04/2000

```
PARM('WORKLOAD(workload).')
```

where workload = (Required) The name of an active workload.

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

The key for this resource class is a composite element.

There are no object specific actions for this resource class.

Length	32
Usage	API
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	Yes
Object type	CPSM Manager
Copybook identifier	EYUt2485 or WLMAWTOR
Valid API operations	GET

Table 519. WLMAWTOR resource table attributes

Name	Datatype	Source	Len	Sum	Description	Attr ID
WORKLOAD-1	CHAR	CPSM	8	DIF	Workload name	4
TOR-3	CHAR	CPSM	8	DIF	Routing region name	5
CON_STATUS	EYUDA	CPSM	4	LIKE	Routing region contact status	7
CON_STATUS Output Valid Values	LOSTCON N_A					
WRKLOWNER-2	CHAR	CPSM	4	DIF	System ID of workload owner	8
TOROWNER	CHAR	CPSM	8	DIF	Name of controlling CMAS	9

WLMDEF Resource Table

A CPSM Workload Manager Definition that describes the separation and affinity requirements for a set of dynamic transactions.

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

The following action is supported:

INSTALL

Install the definition into a workload.

The parameter data for the INSTALL action is:

```
PARM('WORKLOAD(workload) OWNER(owner).')
```

where:

workload = (Required) Name of an active workload to process definition.

owner = (Required) System ID of CMAS that created workload, as identified by WLMWORK.

Length	128
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	Yes
Object type	CPSM Definition
Copybook identifier	EYUt3508 or WLMDEF
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM
API Actions	
INSTALL	Install
	PARM(' WORKLOAD(<i>value</i>) OWNER(<i>value</i>) .')
ADDTOGRP	Add to WLM group
	PARM(' RESGROUP(<i>value</i>) .')

Table 520. WLMDEF FEEDBACK error codes

Code	Description	Code	Description
AORSCOPE_NOT_FOUND	AOR scope not found	PARMS_IGNORED	Parameters ignored
INV_DATA	Attribute data invalid	REC_CHANGED	Resource definition already changed
INV_REFERENCE	not found	REC_EXISTS	Resource already exists
MAL_PENDING	Request scheduled for execution later	REC_NOT_FOUND	Requested resource not found
NODEFS_INSTALLED	No definitions installed	TRANGRP_NOT_FOUND	Transaction group not found
NO_WLMDEF	No workload management definition	WORKLOAD_FROZEN	Workload frozen
NO_WORKLOAD	No workload		

Table 521. WLMDEF resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed		1

Resource table descriptions

Table 521. WLMDEF resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Attr ID
NAME-1	CHAR	CPSM	8	Yes	DIF	Workload management definition name		5
TRANGRP	CHAR	CPSM	8	No	DIF	Transaction group name		6
LUNAME	CHAR	CPSM	17	Yes	DIF	Terminal LU name		7
USERID	CHAR	CPSM	8	Yes	DIF	User ID		8
AORSCOPE	CHAR	CPSM	8	Yes	DIF	Scope name of set of target systems		9
PROCESSTYPE	CHAR	CPSM	8	Yes	DIF	BTS process type	*	11
DESC	CHAR	CPSM	58	No	DIF	Description		10

WLMGROUP Resource Table

A CPSM Workload Manager Definition that provides the association anchor for a set of WLMDEF definitions. References to a WLMGROUP are inferred to be references to the set of associated WLMDEF instances.

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

The following action is supported:

INSTALL

Install the set of WLMDEF definitions.

The parameter data for the INSTALL action is:

```
PARM('WORKLOAD(workload) OWNER(owner).')
```

where:

workload = (Required) Name of an active workload to process group.

owner = (Required) System ID of CMAS that created

workload, as identified by WLMWORK.

Length	80
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	Yes
Object type	CPSM Definition
Copybook identifier	EYUt3506 or WLMGROUP
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM

API Actions

INSTALL	Install
	PARM(' WORKLOAD(<i>value</i>) OWNER(<i>value</i>) .')
ADDTOSPC	Add to WLM specification
	PARM(' SPEC(<i>value</i>) .')

Table 522. WLMGROUP FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	NO_WORKLOAD	No workload
INV_REF	Not found	PARMS_IGNORED	Parameters ignored
MAL_PENDING	Request scheduled for execution later	REC_CHANGED	Resource definition already changed
NODEFS_ASSOCIATED	No definitions in group	REC_EXISTS	Resource already exists
NODEFS_INSTALLED	No definitions installed	REC_NOT_FOUND	Requested resource not found
NO_WLMGROUP	No workload management group	WORKLOAD_FROZEN	Workload frozen

Table 523. WLMGROUP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
NAME-1	CHAR	CPSM	8	Yes	DIF	Workload management group name	5

Resource table descriptions

Table 523. WLMGROUP resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
DESC	CHAR	CPSM	58	No	DIF	Description	6

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.

Length	24
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt5378 or WLMINGRP
Valid API operations	GET CREATE and REMOVE

Table 524. WLMINGRP FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_REFERENCE	Attribute references an invalid resource	REC_NOT_FOUND	Requested resource not found

Table 525. WLMINGRP resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
GROUP-1	CHAR	CPSM	8	Yes	DIF	Name of workload management (WLM) group	5
DEF-2	CHAR	CPSM	8	Yes	DIF	Name of workload management (WLM) definition	6

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.

Length 24
Usage API or Batch Utility
API view No
CMAS context No
SCOPE applies No
Only query CMASs in workload No
Object type CPSM Definition
Copybook identifier EYUt5123 or WLMINSPC
Valid API operations GET CREATE and REMOVE

Table 526. WLMINSPC FEEDBACK error codes

Code	Description	Code	Description
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_REFERENCE	Attribute references an invalid resource	REC_NOT_FOUND	Requested resource not found

Table 527. WLMINSPC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition was changed	1
NAME-1	CHAR	CPSM	8	Yes	DIF	Workload management (WLM) specification name	5
GROUP-2	CHAR	CPSM	8	Yes	DIF	Workload management (WLM) group name	6

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**.

Length	112
Usage	API or Batch Utility
API view	No
CMAS context	No
SCOPE applies	No
Only query CMASs in workload	No
Object type	CPSM Definition
Copybook identifier	EYUt3513 or WLMSPEC
Valid API operations	GET CREATE UPDATE REMOVE and PERFORM

API Actions

ADDSYSGRP	Associate CICS group PARM(' GROUP(<i>value</i>) FORCE NONE NULL .')
ADDSYSDEF	Associate CICS system PARM(' SYSTEM(<i>value</i>) .')

Table 528. WLMSPEC FEEDBACK error codes

Code	Description	Code	Description
ABEND_COMBINATION	Abend load must be less than abend probability	LNKASSOC_EXISTS	Association already exists
AORSCOPE_NOT_FOUND	AOR scope not found	REC_CHANGED	Resource definition already changed
INV_DATA	Attribute data invalid	REC_EXISTS	Resource already exists
INV_REFERENCE	Does not exist	REC_NOT_FOUND	Requested resource not found

Resource table descriptions

Table 529. WLMSPEC resource table attributes

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
CHANGETIME	DATETIME	CPSM	8	Yes	MAX	Last time the definition changed			1
NAME-1	CHAR	CPSM	8	Yes	DIF	WLM specification name			5
AORSCOPE	CHAR	CPSM	8	Yes	DIF	Default target scope			6
AFFINITY	EYUDA	CPSM	4	No	LIKE	Default affinity			7
AFFINITY Input/Output Valid Values	N_A GLOBAL LUNAME USERID BAPPL								
AFFLIFE	EYUDA	CPSM	4	No	LIKE	Default affinity lifetime			8
AFFLIFE Input/Output Valid Values	N_A LOGON PCONV DELIMIT PERMANENT SIGNON SYSTEM ACTIVITY PROCESS								
MATCH	EYUDA	CPSM	4	Yes	LIKE	Primary search criterion			9
MATCH Input/Output Valid Values	LUNAME USERID								
ALGTYPE	EYUDA	CPSM	4	Yes	LIKE	Algorithm type			10
ALGTYPE Input/Output Valid Values	GOAL QUEUE								
DESC	CHAR	CPSM	58	No	DIF	Description			12
EVENTNAME	CHAR	CPSM	8	No	DIF	RTA event name			13
ABENDCRIT	BINARY	CPSM	1	Yes	AVG	Acceptable level of abend probability	0	2-99	14
ABENDCRIT Input/Output Valid Values	0								
ABENDTHRESH	BINARY	CPSM	1	Yes	AVG	Acceptable abend load threshold	0	1-98	15
ABENDTHRESH Input/Output Valid Values	0								
AFFAUTO	EYUDA	CPSM	4	No	LIKE	Automatic affinity creation option	N_A		17

Table 529. WLMSPEC resource table attributes (continued)

Name	Datatype	Source	Len	Req	Sum	Description	Default	Value Range	Attr ID
AFFAUTO Input/Output Valid Values	YES NO N_A								

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.

Length	112
Usage	API or EVALDEF
API view	Yes
CMAS context	No
SCOPE applies	Yes
Only query CMASs in workload	No
Object type	CICS Resource
Copybook identifier	EYUt0136 or WORKREQ
Valid API operations	GET SET and PERFORM
Unsupported releases	E530 and E620

API Actions

PURGE Purge

Parameters: None

FORCEPURGE

ForcePurge

Parameters: None

Table 530. WORKREQ resource table attributes

Name	Datatype	Source	Len	Sum	Set	Description	Get Invalid	Attr ID
EYU_CICSNAME	CHAR	CPSM	8	N/A		CICS System Name		
EYU_CICSREL	CHAR	CPSM	4	N/A		CICS Release		
EYU_RESERVED	CHAR	CPSM	4	N/A		Reserved		
NAME-1	CHAR	INQ	8	DIF		Work request		1
CLIENTIPADDR	CHAR	INQ	15	DIF		Client TCP/IP address		2
TASK	DECIMAL	INQ	4	AVG		Local task number		4
LISTENERPORT	BINARY	INQ	4	AVG		Host port that received the request		5
TRANSID	CHAR	INQ	4	DIF		Local transaction ID		6
OAPPLID	CHAR	INQ	8	DIF		Originating tasks application ID		7
OTASK	DECIMAL	INQ	4	AVG		Task that received the request		8
OTRANSID	CHAR	INQ	4	DIF		Transaction ID that received the request		9
TSYSTEM	CHAR	INQ	21	DIF		Address of target CICS system		10
REQUESTID	BINARY	INQ	4	AVG		Current request ID		12
STACK	BINARY	INQ	4	AVG		Stack level of call		13
WORKTYPE	CVDAS	INQ	4	LIKE	yes	Type of work being performed		14
WORKTYPE Input/Output Valid Values	IIOF SOAP							
CORBASERVER	CHAR	INQ	4	DIF		Associated corba server		15
PURGETYPE	CVDAS	INQ	4	LIKE	yes	Purge type		16
PURGETYPE Input/Output Valid Values	PURGE FORCEPURGE							

Resource table descriptions

Appendix. Resource table summary

CICS Definition

Table 531. Summary of CICS Definition resource tables

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

CICS Monitored

Table 532. Summary of CICS Monitored resource tables

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

CICS Resource

Resource table summary

Table 533. Summary of CICS Resource resource tables

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

CPSM Definition

#

Table 534. Summary of CPSM Definition resource tables

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

CPSM Configuration Definition

Table 535. Summary of CPSM Configuration Definition resource tables

CMTCMDEF	CMTPMDEF	CPLEXDEF
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CPSM Manager

Table 536. Summary of CPSM Manager resource tables

APACTV	CRESFEP0	CRESTRUE
BATCHREP	CRESFETR	CRESTSMD
CICSPLEX	CRESFIE	EVENT
CMAS	CRESGLUE	EVENTDTL
CMASLIST	CRESJRNL	MAS
CMASPLEX	CRESJRNM	MASSTAT
CMTMMLNK	CRESMODE	POLMON
CMTPMLNK	CRESPART	RASPROC
CRESAIMD	CRESPRGM	RDSCPROC
CRESCONN	CRESPROF	RTAACTV
CRESDB2C	CRESPRTY	SYSRES
CRESDB2E	CRESRQMD	TOPOBJ
CRESDB2T	CRESSDMP	WLMATAFF
CRESDOCT	CRESTCPS	WLMATGRP
CRESDSNM	CRESTDMP	WLMATRAN
CRESENQM	CRESTDQ	WLMAWAOR
CRESFECO	CRESTERM	WLMAWDEF
CRESFEND	CRESTRAN	WLMAWORK
		WLMAWTOR

CPSM Metadata

Resource table summary

Table 537. Summary of CPSM Metadata resource tables

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

CPSM Notification

Table 538. Summary of CPSM Notification resource tables

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

Bibliography

The CICS Transaction Server for z/OS library

The published information for CICS Transaction Server for z/OS is delivered in the following forms:

The CICS Transaction Server for z/OS Information Center

The CICS Transaction Server for z/OS Information Center is the primary source of user information for CICS Transaction Server. The Information Center contains:

- Information for CICS Transaction Server in HTML format.
- Licensed and unlicensed CICS Transaction Server books provided as Adobe Portable Document Format (PDF) files. You can use these files to print hardcopy of the books. For more information, see “PDF-only books.”
- Information for related products in HTML format and PDF files.

One copy of the CICS Information Center, on a CD-ROM, is provided automatically with the product. Further copies can be ordered, at no additional charge, by specifying the Information Center feature number, 7014.

Licensed documentation is available only to licensees of the product. A version of the Information Center that contains only unlicensed information is available through the publications ordering system, order number SK3T-6945.

Entitlement hardcopy books

The following essential publications, in hardcopy form, are provided automatically with the product. For more information, see “The entitlement set.”

The entitlement set

The entitlement set comprises the following hardcopy books, which are provided automatically when you order CICS Transaction Server for z/OS, Version 3 Release 1:

Memo to Licensees, GI10-2559
CICS Transaction Server for z/OS Program Directory, GI10-2586
CICS Transaction Server for z/OS Release Guide, GC34-6421
CICS Transaction Server for z/OS Installation Guide, GC34-6426
CICS Transaction Server for z/OS Licensed Program Specification, GC34-6608

You can order further copies of the following books in the entitlement set, using the order number quoted above:

CICS Transaction Server for z/OS Release Guide
CICS Transaction Server for z/OS Installation Guide
CICS Transaction Server for z/OS Licensed Program Specification

PDF-only books

The following books are available in the CICS Information Center as Adobe Portable Document Format (PDF) files:

CICS books for CICS Transaction Server for z/OS

General

CICS Transaction Server for z/OS Program Directory, GI10-2586
CICS Transaction Server for z/OS Release Guide, GC34-6421
CICS Transaction Server for z/OS Migration from CICS TS Version 2.3, GC34-6425

CICS Transaction Server for z/OS Migration from CICS TS Version 1.3,
GC34-6423

CICS Transaction Server for z/OS Migration from CICS TS Version 2.2,
GC34-6424

CICS Transaction Server for z/OS Installation Guide, GC34-6426

Administration

CICS System Definition Guide, SC34-6428

CICS Customization Guide, SC34-6429

CICS Resource Definition Guide, SC34-6430

CICS Operations and Utilities Guide, SC34-6431

CICS Supplied Transactions, SC34-6432

Programming

CICS Application Programming Guide, SC34-6433

CICS Application Programming Reference, SC34-6434

CICS System Programming Reference, SC34-6435

CICS Front End Programming Interface User's Guide, SC34-6436

CICS C++ OO Class Libraries, SC34-6437

CICS Distributed Transaction Programming Guide, SC34-6438

CICS Business Transaction Services, SC34-6439

Java Applications in CICS, SC34-6440

JCICS Class Reference, SC34-6001

Diagnosis

CICS Problem Determination Guide, SC34-6441

CICS Messages and Codes, GC34-6442

CICS Diagnosis Reference, GC34-6899

CICS Data Areas, GC34-6902

CICS Trace Entries, SC34-6443

CICS Supplementary Data Areas, GC34-6905

Communication

CICS Intercommunication Guide, SC34-6448

CICS External Interfaces Guide, SC34-6449

CICS Internet Guide, SC34-6450

Special topics

CICS Recovery and Restart Guide, SC34-6451

CICS Performance Guide, SC34-6452

CICS IMS Database Control Guide, SC34-6453

CICS RACF Security Guide, SC34-6454

CICS Shared Data Tables Guide, SC34-6455

CICS DB2 Guide, SC34-6457

CICS Debugging Tools Interfaces Reference, GC34-6908

CICSplex SM books for CICS Transaction Server for z/OS

General

CICSplex SM Concepts and Planning, SC34-6459

CICSplex SM User Interface Guide, SC34-6460

CICSplex SM Web User Interface Guide, SC34-6461

Administration and Management

CICSplex SM Administration, SC34-6462

CICSplex SM Operations Views Reference, SC34-6463

CICSplex SM Monitor Views Reference, SC34-6464

CICSplex SM Managing Workloads, SC34-6465

CICSplex SM Managing Resource Usage, SC34-6466

CICSplex SM Managing Business Applications, SC34-6467

Programming

CICSplex SM Application Programming Guide, SC34-6468

CICSplex SM Application Programming Reference, SC34-6469

Diagnosis

CICSplex SM Resource Tables Reference, SC34-6470
CICSplex SM Messages and Codes, GC34-6471
CICSplex SM Problem Determination, GC34-6472

CICS family books

Communication

CICS Family: Interproduct Communication, SC34-6473
CICS Family: Communicating from CICS on System/390, SC34-6474

Licensed publications

The following licensed publications are not included in the unlicensed version of the Information Center:

CICS Diagnosis Reference, GC34-6899
CICS Data Areas, GC34-6902
CICS Supplementary Data Areas, GC34-6905
CICS Debugging Tools Interfaces Reference, GC34-6908

Other CICS books

The following publications contain further information about CICS, but are not provided as part of CICS Transaction Server for z/OS, Version 3 Release 1.

<i>Designing and Programming CICS Applications</i>	SR23-9692
<i>CICS Application Migration Aid Guide</i>	SC33-0768
<i>CICS Family: API Structure</i>	SC33-1007
<i>CICS Family: Client/Server Programming</i>	SC33-1435
<i>CICS Transaction Gateway for z/OS Administration</i>	SC34-5528
<i>CICS Family: General Information</i>	GC33-0155
<i>CICS 4.1 Sample Applications Guide</i>	SC33-1173
<i>CICS/ESA 3.3 XRF Guide</i>	SC33-0661

Determining if a publication is current

IBM regularly updates its publications with new and changed information. When first published, both hardcopy and BookManager® softcopy versions of a publication are usually in step. However, due to the time required to print and distribute hardcopy books, the BookManager version is more likely to have had last-minute changes made to it before publication.

Subsequent updates will probably be available in softcopy before they are available in hardcopy. This means that at any time from the availability of a release, softcopy versions should be regarded as the most up-to-date.

For CICS Transaction Server books, these softcopy updates appear regularly on the *Transaction Processing and Data Collection Kit* CD-ROM, SK2T-0730-xx. Each reissue of the collection kit is indicated by an updated order number suffix (the -xx part). For example, collection kit SK2T-0730-06 is more up-to-date than SK2T-0730-05. The collection kit is also clearly dated on the cover.

Updates to the softcopy are clearly marked by revision codes (usually a # character) to the left of the changes.

Accessibility

Accessibility features help a user who has a physical disability, such as restricted mobility or limited vision, to use software products successfully.

You can perform most tasks required to set up, run, and maintain your CICSplex SM system in one of these ways:

- using a 3270 emulator connected to CICSplex SM
- 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
- using the CICSplex SM web user interface.

IBM Personal Communications (Version 5.0.1 for Windows 95, Windows 98, Windows NT and Windows 2000; version 4.3 for OS/2) provides 3270 emulation with accessibility features for people with disabilities. You can use this product to provide the accessibility features you need in your CICSplex SM system.

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- in TRNCLDEF resource table 772
- in TRNINGRP resource table 775
- in TSMDEF resource table 780
- in TSMINGRP resource table 783
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in SYSDUMP resource table	677
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in EMASSICK resource table	243
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in CICSDSA resource table	39
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