



International Technical Support Organization

CPSM Usage Scenarios

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Agenda

- Managing CICS resources
 - Disabling transactions
 - New copy action on a program
 - Closing Files with the WUI
 - Cleaning REQIDs
- Setting up a WLM Workload
- Setting up RTA
- Problem determination using the WUI
 - Storage Problem

Managing CICS resources

Disable transaction in a CICS system

- Navigate to the “Local or dynamic transaction” tabular view:

Main menu










CMAS context:

Context:

Scope:

Welcome to the CICSplex SM Web User Interface. Please select an item

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Related resources





- [Monitoring views](#)

Transaction operations views

Context:

Scope:

Transaction operations views

- [Local or dynamic transactions](#) 
- [Remote transactions](#) 
- [Request model](#) 
- [Topology data for transactions](#) 


Related resources

- [Transaction monitoring views](#)
- [Enterprise Java component operations views](#)
- [Program operations views](#)
- [CICS operations views](#)

Disable transaction in a CICS system











- Enter filter criteria and click refresh to find transaction

Local or dynamic transaction

EYUVC1280I 2 records collected at 09/22/05 11:56:39. 

Context:
 Scope:
 Transaction ID: = Aa
 Enabled status: =
 Automatic refresh: ☐ 60 seconds. **Refresh**

2 records on 1 pages.

Record	CICS system name	Transaction ID	Enabled status	Number of times transaction used	First program name	Transaction priority	Transaction class name
 							
1 <input type="checkbox"/>	IYK3ZDD5	HK01	Enabled	0	HK01PROG 	1	DFHTCL00
2 <input type="checkbox"/>	IYK3ZDD6	HK01	Enabled	0	HK01PROG 	1	DFHTCL00

2 records on 1 pages.

Disable transaction in a CICS system

- Select transaction in correct CICS system and click “Disable”

Local or dynamic transaction



EYUVC12801 2 records collected at 09/22/05 13:06:31.



Context:
 Scope:
 Transaction ID: = Aa
 Enabled status: =
 Automatic refresh: ☐ 60 seconds.

2 records on 1 pages.

Record	CICS system name	Transaction ID	Enabled status	Number of times transaction used	First program name	Transaction priority	Transaction class name
1 <input type="checkbox"/>	IYK3ZDD5	HK01	Enabled	0	HK01PROG	1	DFHTCL00
2 <input checked="" type="checkbox"/>	IYK3ZDD6	HK01	Enabled	0	HK01PROG	1	DFHTCL00

2 records on 1 pages.

Disable transaction in a CICS system

- Click "Yes" to disable the transaction

Disable



CICS system name	IYK3ZDD6
Transaction ID	HK01

No Yes

Disable transaction in a CICS system

- Transaction is now disabled

Local or dynamic transaction



EYUVC1230I 'Disable' (DISABLE) request completed successfully for 1 records.

EYUVC1280I 2 records collected at 09/22/05 13:06:31.

Context:
 Scope:
 Transaction ID: Aa
 Enabled status: ▼

Automatic refresh: ☐ 60 seconds.

2 records on 1 pages.

Record	CICS system name	Transaction ID	Enabled status	Number of times transaction used	First program name	Transaction priority	Transaction class name
<input checked="" type="checkbox"/>		▼▲▲	▼▲▲	▼▲▲	▼▲▲	▼▲▲	▼▲▲
1 <input type="checkbox"/>	IYK3ZDD5	HK01	Enabled	0	HK01PROG	1	DFHTCL00
2 <input type="checkbox"/>	IYK3ZDD6	HK01	Disabled	0	HK01PROG	1	DFHTCL00

2 records on 1 pages.

New copy of a Program

- Navigate to the programs tabular view.

Program operations views

Main menu

CMAS context:
 Context:
 Scope:

Welcome to the CICSplex SM Web User Interface. Please select an item

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Related resources

- [Monitoring views](#)

Context:
 Scope:

Program operations views

- [Programs](#)
- [DFHRPL data set names](#)

Related resources

- [Program monitoring views](#)
- [Transaction operations views](#)
- [CICS operations views](#)

New copy of a Program

Program



EYUVC1280I 6 records collected at 10/04/05 09:06:50.



Context: NEWPLEX
 Scope: NEWPLEX
 Program name: = ▼ TST*
 Enabled status: = ▼

Automatic refresh: ☐ 60 seconds.

Refresh

6 records on 1 pages.

Record	CICS system name	Program name	Enabled status	Total number of times program was executed	Number of times program currently accessed	Language	Share status	CEDF status	New-copy-required status
		▼▲▲	▼▲▲	▼▲▲	▼▲▲	▼▲▲	▼▲▲	▼▲▲	▼▲▲
1 <input checked="" type="checkbox"/>	IYK3ZDD5	TSTPROG1	Enabled	0	0	C	Private	Cedf	Notrequired
2 <input type="checkbox"/>	IYK3ZDD5	TSTPROG2	Enabled	0	0	C	Private	Cedf	Notrequired
3 <input type="checkbox"/>	IYK3ZDD5	TSTPROG3	Enabled	0	0	C	Private	Cedf	Notrequired
4 <input checked="" type="checkbox"/>	IYK3ZDD6	TSTPROG1	Enabled	0	0	C	Private	Cedf	Notrequired
5 <input type="checkbox"/>	IYK3ZDD6	TSTPROG2	Enabled	0	0	C	Private	Cedf	Notrequired
6 <input type="checkbox"/>	IYK3ZDD6	TSTPROG3	Enabled	0	0	C	Private	Cedf	Notrequired

6 records on 1 pages.

Set attributes...

New copy...

Phase in...

Enable...

Disable...

Discard...

New copy of a Program

New copy



CICS system name IYK3ZDD5
Program name TSTPROG1

No to 2 remaining

No

Yes

Yes to 2 remaining

Closing Files with the WUI

- Use the navigation frame to navigate to the “Local files” view

Local file

EYUVC1280I 12 records collected at 10/04/05 09:21:18.

Context: NEWPLEX
 Scope: NEWPLEX
 File ID: = TSTFILE1
 Enablement status: =
 Open status: =

Automatic refresh: ☐ 60 seconds.

Refresh

12 records on 1 pages.

Record	CICS system name	File ID	Enablement status	Open status	Add option	Brow option
1 <input type="checkbox"/>	IYK3ZDD5	DFHCSD	Enabled	Closed	Addable	Browse
2 <input type="checkbox"/>	IYK3ZDD5	DFHDBFK	Enabled	Closed	Addable	Browse
3 <input type="checkbox"/>	IYK3ZDD5	DFHLRQ	Enabled	Open	Addable	Browse

Closing Files with the WUI

- Summarize by "Open status", select record and click "Close"

Record	CICS system name	File ID	Enablement status	Open status	Add option	Browse option	Delete option	Rea opti
		▼▲	▼▲	▼▲	▼▲	▼▲	▼▲	▼▲
1 <input type="checkbox"/>	IYK3ZDD5	TSTFILE1	Enabled	Open	Notaddable	Notbrowsable	Notdeletable	Rea
2 <input type="checkbox"/>	IYK3ZDD6	TSTFILE1	Enabled	Open	Notaddable	Notbrowsable	Notdeletable	Rea

2 records on 1 pages.

[Set attributes...](#) [Enable...](#) [Open...](#) [Close...](#) [Disable...](#) [Discard...](#)

Record	Record count	CICS system name	File ID	Enablement status	Open status	Add option	Browse option	Delete option
			▼▲	▼▲	▼▲	▼▲	▼▲	▼▲
1 <input checked="" type="checkbox"/>	2	*****	TSTFILE1	Enabled	Open	Notaddable	Notbrowsable	Notdeletable

1 records on 1 pages.

[Set attributes...](#) [Enable...](#) [Open...](#) [Close...](#) [Disable...](#) [Discard...](#)

Closing Files with the WUI

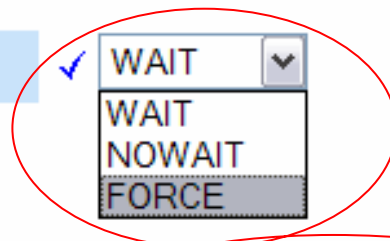
- Select “Force” then select “Yes to 2 remaining”

Close



CICS system name IYK3ZDD5
File ID TSTFILE1

Busy value



No to 2 remaining

No

Yes

Yes to 2 remaining

Cleaning REQIDs

- Navigate to the “Interval control element” view

Main menu

CMAS context:

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Scope:

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Related resources

- [Monitoring views](#)

Task operations views

Context:

Scope:

Task operations views

- [Active tasks](#)
- [Interval control elements](#)
- [3270 bridge facilities](#)
- [Work requests](#)

Related resources

- [CICS region operations views](#)
- [CICS operations views](#)

Cleaning REQIDs

Interval control element



EYUVC1280I 8 records collected at 10/04/05 10:31:16.



Context: NEWPLEX
 Scope: NEWPLEX
 Request name: = Automatic refresh: ☐ 60 seconds.
 TRANSID specified by command creating request: = Aa

8 records on 1 pages.

Record	CICS system name	Request name	Type of command that created request	TRANSID specified by command creating request	TERMIN from START command that created request	Associated user ID	QUEUE from START command that created request	Interval until request expires	Expiration time
		▼▲▲	▼▲▲	▼▲▲	▼▲▲	▼▲▲	▼▲▲	▼▲▲	▼▲▲
1 <input type="checkbox"/>	IYK3ZDD5	DFHCWBG	Start	CWBG		DONNELL		00:33:01	11:04:17
2 <input type="checkbox"/>	IYK3ZDD5	DF000002	Start	CRMF		DONNELL		10:33:00	21:04:16
3 <input type="checkbox"/>	IYK3ZDD5	DF000006	Start	CRSQ		DONNELL		06:33:01	17:04:17
4 <input type="checkbox"/>	IYK3ZDD5	DF000169	Post					00:00:12	10:31:28
5 <input type="checkbox"/>	IYK3ZDD6	DFHCWBG	Start	CWBG		DONNELL		00:33:21	11:04:37
6 <input checked="" type="checkbox"/>	IYK3ZDD6	DF000002	Start	CRMF		DONNELL		10:33:19	21:04:35
7 <input type="checkbox"/>	IYK3ZDD6	DF000006	Start	CRSQ		DONNELL		06:33:21	17:04:37
8 <input type="checkbox"/>	IYK3ZDD6	DF000167	Post					00:00:01	10:31:17

8 records on 1 pages.

Cleaning REQIDs

Cancel

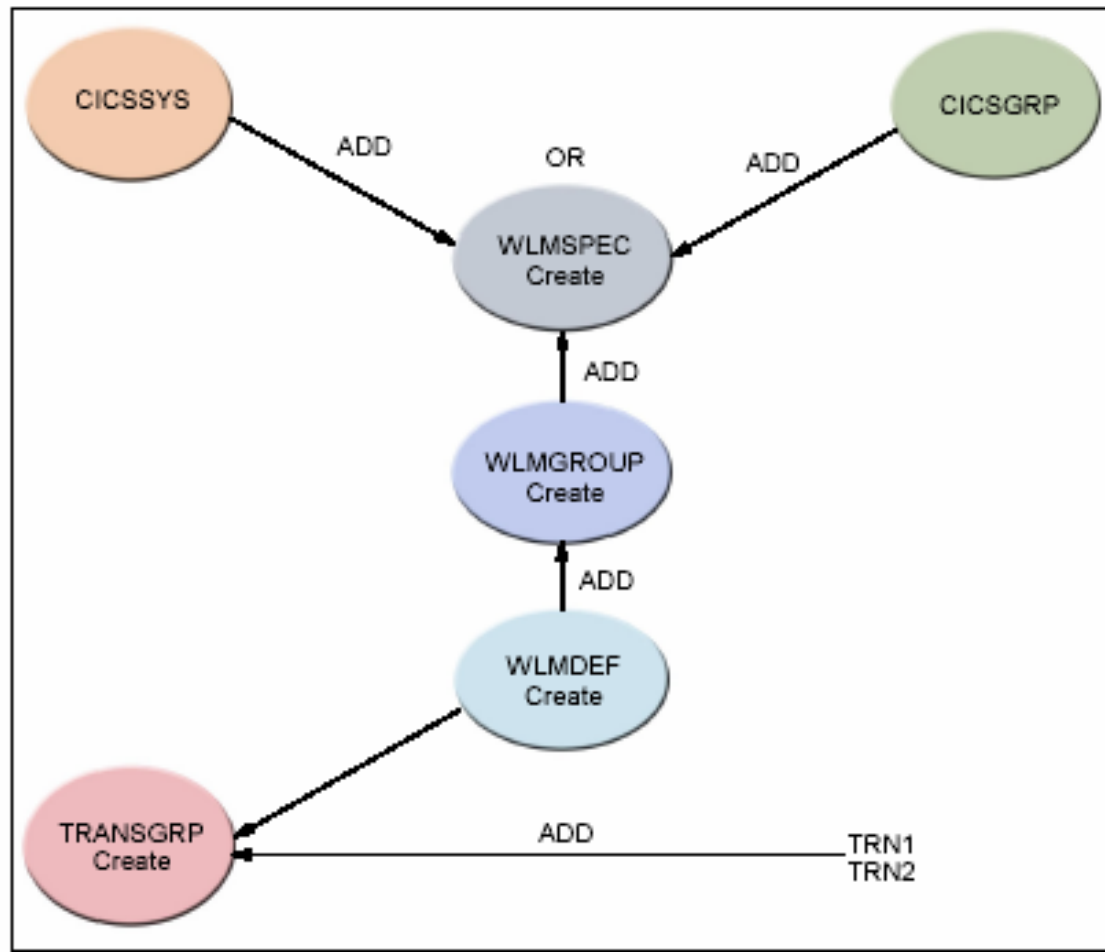


CICS system name	IYK3ZDD6
Request name	DF000002

Workload Management Setup










Setting up a WLM Workload

- Follows the same process as in the EUI
- The following resources need to be defined:



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WLM resource definition navigation

Workload manager administration views



CMAS context:

Context:

Scope:

Definitional views

- [Workload specifications](#)
 - [Workload groups](#)
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- WLMSPEC
WLMGROUP
WLMDEF
TRANGRP

Associated views

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- WLMSCOPE
WLMINSPC
WLMINGRP
DTRINGRP

Transaction Group

Transaction group definition



EYUVC1280I 1 records collected at 09/01/05 10:36:32.



Context: Automatic refresh: ☐ 60 seconds.

Transaction group name: =

1 records on 1 pages.

Record	Transaction group name	Affinity relationship	Affinity lifetime	Automatic affinity creation option	Primary search criterion	Affinity relation and lifetime checking status	RTA event name	Description	Last time definition was changed
1 <input type="checkbox"/>	DSFSD	N_a	N_a	N_a	Userid	Dormant	DAN1		05/19/05 13:42:08

1 records on 1 pages.

Transaction Group

Transaction group definition



Transaction group name	<input checked="" type="checkbox"/> TESTGRP	
Description	<input type="checkbox"/> <input type="text"/> Aa	
Affinity relation and lifetime checking status	<input checked="" type="checkbox"/> Dormant	
Primary search criterion	<input checked="" type="checkbox"/> Userid	
Affinity relationship	<input type="checkbox"/> <input type="text"/>	
Affinity lifetime	<input type="checkbox"/> <input type="text"/>	
Automatic affinity creation option	<input type="checkbox"/> N_a	
RTA event name	<input type="checkbox"/> <input type="text"/>	
Acceptable level ofabend probability	<input checked="" type="checkbox"/> 0	(0, 2-99)
Acceptableabend load threshold	<input checked="" type="checkbox"/> 0	(0, 1-98)

No Yes

Workload Management Definition

Workload management definition



EYUVC1280I 2 records collected at 09/01/05 09:36:23.



Context: Automatic refresh: ☐ 60 seconds.

Workload management definition name:

2 records on 1 pages.

Record	Workload management definition name	Transaction group name	Terminal LU name	User ID	BTS process type	Scope name of set of target systems	Description	Last time the definition was changed
1 <input type="checkbox"/>	SSS	DSFSD	*	*	*	IYK3ZDD4		06/14/05 16:13:09
2 <input type="checkbox"/>	SSSS		*	*	*	IYK3ZDD4		07/25/05 17:24:55

2 records on 1 pages.

Resource name: WLMDEF. View name: EYUSTARTWLMDEF.TABULAR

Workload Management Definition

Workload management definition



Workload management
definition name

✓ TEST1

Description

☐ Aa

Transaction group name

✓ TESTGRP 

Terminal LU name

✓ *

User ID

✓ DD*

BTS process type

✓ *

Scope name of set of
target systems

✓ GROUP1 

No Yes

Workload Management Group

Workload management (WLM) group















EYUVC1280I 2 records collected at 09/01/05 11:16:04.



Context: Automatic refresh: ☐ seconds.

Workload management group name: =

2 records on 1 pages.

Record	Workload management group name	Description	Last time the definition was changed
  	  	  	  
1 <input type="checkbox"/>	FDGFD		06/14/05 14:25:52
2 <input type="checkbox"/>	NEW		07/25/05 17:25:12

2 records on 1 pages.

Workload Management Group

Workload management (WLM) group



Workload management
group name



Description



Aa

No

Yes

Resource name: WLMGROUP. View name: EYUSTARTWLMGROUP.CREATE

Workload Management Specification

Workload management (WLM) specification



EYUVC12801 2 records collected at 09/01/05 15:55:58.



Context: Automatic refresh: ☐ 60 seconds.

WLM specification name: =

2 records on 1 pages.

Record	WLM specification name	Default affinity	Default affinity lifetime	Default target scope	Automatic affinity creation option	Primary search criterion	RTA event name	Description	Last time the definition changed
	▼▲▼	▼▲▼	▼▲▼	▼▲▼	▼▲▼	▼▲▼	▼▲▼	▼▲▼	▼▲▼
1 <input type="checkbox"/>	DSFS	N_a	N_a	IYK3ZDD4	N_a	Luname			05/27/05 13:34:03
2 <input type="checkbox"/>	NEW1	N_a	N_a	IYK3ZDD4	N_a	Luname			07/14/05 10:54:55

2 records on 1 pages.

Workload Management Specification

Workload management (WLM) specification



EYUVC13151 Attribute, 'AORSCOPE', has been successfully updated.



WLM specification name	✓	TESTSPEC
Description	<input type="checkbox"/>	<input type="text"/> Aa
Default affinity	<input type="checkbox"/>	<input type="text"/> ▼
Default affinity lifetime	<input type="checkbox"/>	<input type="text"/> ▼
Primary search criterion	✓	Userid ▼
Automatic affinity creation option	<input type="checkbox"/>	N_a ▼
Default target scope	✓	GROUP1
RTA event name	<input type="checkbox"/>	<input type="text"/>
Acceptable level of abend probability	✓	0 (0, 2-99)
Acceptable abend load threshold	✓	0 (0, 1-98)
Algorithm type	✓	Queue ▼

No Yes

Real Time Analysis Setup

Setting up System Availability Monitoring

■ Create a Period definition

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Real Time Analysis (RTA) system availability monitoring administration views

CMAS context:
 Context:
 Scope:

Definitional views

- [CICS system definitions](#)
- [Analysis specifications](#)
- [Action definitions](#)
- [Time period definitions](#)

Associated views

- [CICS systems associated with analysis specifications](#)
- [CICS system groups associated with analysis specifications](#)

Setting up System Availability Monitoring

- Click the “Create” button

Time period definition



EYUVC1280I 1 records collected at 10/04/05 11:33:09.



Context: Automatic refresh: ☐ seconds.

Period definition name: =

1 records on 1 pages.

Record	Period definition name	Start time	End time	Time zone	Time zone adjustment factor	Description	Last time the definition was changed
1 <input type="checkbox"/>	DDD	00:00	00:01	Z	0		06/14/05 16:00:10

1 records on 1 pages.

Create...

Update...

Remove...

Setting up System Availability Monitoring

- Set the time period

Time period definition



Period definition name	✓	DAYTIME
Description	<input type="checkbox"/>	<input type="text"/> Aa
Start time	✓	08:00
End time	✓	18:00
Time zone	✓	Z
Time zone adjustment factor	✓	0

No	Yes
----	-----

Setting up System Availability Monitoring

- Next, update CICS System definition

Real Time Analysis (RTA) CICS system definition availability monitoring administration views



EYUVC1280I 1 records collected at 10/04/05 11:42:41.



CMAS context: IYK3ZDD1
Context: DWDPLEX1
Scope: DWDPLEX1

Context: DWDPLEX1 Automatic refresh: ☐
CICS system definition name: = 60 seconds.

Definitional views

- [CICS system definitions](#)
- [Analysis specifications](#)
- [Action definitions](#)
- [Time period definitions](#)

1 records on 1 pages.

Record	CICS system definition name	Description	CICS VTAM application ID	System ID	Last time the definition was changed
1 <input checked="" type="checkbox"/>	IYK3ZDD4		IYK3ZDD4	MASA	04/29/05 10:43:17

Associated views

- [CICS systems associated with analysis](#)
- [CICS system groups associated with specifications](#)

1 records on 1 pages.

Resource name: CSYSDEF. View name: EYUVC1280I

Setting up System Availability Monitoring

General information


Primary CMAS name ☐ IYK3ZDD1 


Period definition name ☒ DAYTIME 

CICS VTAM application ID ☐ IYK3ZDD4


System ID ☐ MASA


Workload Management (WLM)


Workload manager status ☐ Yes 

AOR dynamic routing mode ☐ Yes 

Real Time Analysis (RTA)


Real time analysis status ☒ Sam 

Action for system availability monitoring event ☐ 

Severity for system availability monitoring event ☐ N_a 

Business Application Services (BAS)

Install BAS resources option ☐ Never 

BAS install failure action ☐ Continue 

Model system name ☐

No Yes

Setting up Managed Resource Monitoring

- This example sets up MRM to detect if a file gets set to “Unenabled”.

Main menu

CMAS context:
Context:
Scope:

Welcome to the CICSplex SM Web User Interface. Please select an item from the menu below.

General views

- [CICS regions](#)
- [Active tasks](#)
- [ISC and MRO connections](#)
- [Terminals](#)
- [Local files](#)
- [Remote files](#)
- [Local or dynamic transactions](#)
- [Remote transactions](#)
- [Real Time Analysis \(RTA\) outstanding events](#)

View menus

- [CICS operations views](#)
Work with the managed CICS resources.
- [Monitoring views](#)
View the results of CICS resources monitored by CICSplex SM.
- [Real Time Analysis \(RTA\) views](#)
View the CICS resource status alerts.
- [Active workload views](#)
Work with the CICS workloads being managed by CICSplex SM.
- [CICSplex SM operations views](#)
View some of the CICSplex SM configuration.
- [Administration views](#)
Work with CICSplex SM and CICS resource definitions.

Administration views

CMAS context:
Context:
Scope:

General views

- [CMAS configuration administration views](#)
- [Monitor administration views](#)
- [Topology administration views](#)
- [Workload manager administration views](#)
- [Batched repository update job](#)

Real Time Analysis (RTA) views

- [System availability monitoring administration views](#)
- [MAS resource monitoring administration views](#)
- [Analysis point monitoring administration views](#)

CICS resource definitions using Business Application Services (BAS)

- [Basic CICS resource administration views](#)
- [Fully functional Business Application Services \(BAS\) administration views](#)

MRM resource definition navigation

Real Time Analysis (RTA) MAS resource monitoring administration views



CMAS context:
Context:
Scope:

Set

Main definitions

- [Analysis specifications](#)
- [Analysis groups](#)
- [Analysis definitions](#)
- [Evaluation definitions](#)
- [User status probe definitions](#)
- [Action definitions](#)
- [Time period definitions](#)

RTASPEC
RTAGROUP
EVALDEF
STATDEF
ACTNDEF
PERIODEF

Association definitions

- [CICS systems associated with analysis specifications](#)
- [CICS system groups associated with analysis specifications](#)
- [Analysis groups in analysis specifications](#)
- [Analysis definitions in groups](#)
- [Status definitions in groups](#)

RTASCOPE

RTAINSPC

RTAINGRP

Evaluation definition

Evaluation definition



EYUVC13151 Attribute, 'EVALCOL', has been successfully updated.



Evaluation definition name

✓ TESTFILE

Description

□ Aa

Sample interval

✓ 300

(1-86400)

Resource table name

✓ LOCFILE

Instance identifier of evaluated resource

✓ *

Method of evaluating results in result set

✓ Any

Separate task indicator

✓ No

Name of field being evaluated

✓ ENABLESTATUS

Evaluation type

✓ Value

Evaluation logical operator

✓ Eq

Evaluation data value

✓ Unenabled Aa

Severity assigned when result meets criteria

✓ Vhs

Action definition

Action definition



EYUVC1280I 1 records collected at 10/04/05 14:40:15.



Context: DWDPLEX1

Automatic refresh: ☐ 60 seconds.

Action name: =

Refresh

1 records on 1 pages.

Record	Action name	Generate event option	Name of view that may provide useful information	Generate external message option	Generate SNA generic alert option	Restart MAS option	Description	Last time the definition was changed
1 <input type="checkbox"/>	SDFS	No		No	No	No		10/04/05 14:40:08

1 records on 1 pages.

Create...

Update...

Remove...

Action definition

Action definition



Action name	<input checked="" type="checkbox"/> TESTACTN
Description	<input type="checkbox"/> <input type="text"/> Aa
Generate event option	<input checked="" type="checkbox"/> Yes ▼
Name of view that may provide useful information	<input type="checkbox"/> <input type="text"/>
Action priority	<input checked="" type="checkbox"/> 1
Message to send when event occurs	<input type="checkbox"/> <input type="text"/> Aa
Generate external message option	<input checked="" type="checkbox"/> No ▼
External message sent when event occurs	<input type="checkbox"/> <input type="text"/> Aa
External message sent when event is cleared	<input type="checkbox"/> <input type="text"/> Aa
Generate SNA generic alert option	<input checked="" type="checkbox"/> No ▼
CMAS to which NetView attached	<input type="checkbox"/> <input type="text"/>
Message text when alert is raised	<input type="checkbox"/> <input type="text"/> Aa
Message text when alert is cleared	<input type="checkbox"/> <input type="text"/> Aa
Restart MAS option	<input checked="" type="checkbox"/> No ▼

Note that this is the EUI view name

In the range from 1 to 255

No Yes

RTA definition

RTA definition



EYUVC1280I 3 records collected at 10/04/05 14:45:01.



Context: Automatic refresh: ☐ 60 seconds.

RTA definition name:

3 records on 1 pages.

Record	RTA definition name	Analysis interval	Action definition name	Description	Last time the definition was changed
<input checked="" type="checkbox"/> <input type="checkbox"/>	▼▲▲	▼▲▲	▼▲▲	▼▲▲	▼▲▲
1 <input type="checkbox"/>	DAN1	300	DAN1		06/14/05 16:06:25
2 <input type="checkbox"/>	DDD	300	DAN1		09/28/05 11:12:18
3 <input type="checkbox"/>	DDD2	300	DAN1		09/28/05 11:12:33

3 records on 1 pages.

RTA definition

RTA definition



EYUVC13151 Attribute, 'ACTION', has been successfully updated.



RTA definition name ☒ TESTRTAD

Description ☐ Aa

Execute evaluation
modification string ☒ No

Analysis interval ☒ 300 (1-86400)

Action definition name ☒ TESTACTN

Count of true evaluations
before VLS raised ☒ 1 (1-9999)

Count of false evaluations
before VLS resolved ☒ 1 (1-9999)

Count of true evaluations
before LS raised ☒ 1 (1-9999)

Count of false evaluations
before LS resolved ☒ 1 (1-9999)

Count of true evaluations
before I W raised ☒ 1 (1-9999)

RTA definition

Count of true evaluations before LW raised	✓ 1	(1-9999)
Count of false evaluations before LW resolved	✓ 1	(1-9999)
Count of true evaluations before HW raised	✓ 1	(1-9999)
Count of false evaluations before HW resolved	✓ 1	(1-9999)
Count of true evaluations before HS raised	✓ 1	(1-9999)
Count of false evaluations before HS resolved	✓ 1	(1-9999)
Count of true evaluations before VHS raised	✓ 1	(1-9999)
Count of false evaluations before VHS resolved	✓ 1	(1-9999)

Evaluation expression	✓ TESTFILE
-----------------------	------------

No Yes

RTA group

RTA group



EYUVC1280I 1 records collected at 10/04/05 14:51:57.



Context: DWDPLEX1 Automatic refresh: ☐ 60 seconds.

RTA group name: =

1 records on 1 pages.

Record	RTA group name	Description	Last time the definition was changed
	▼▲▲	▼▲▲	▼▲▲
1 <input type="checkbox"/>	VCVBVB		05/20/05 11:19:52

1 records on 1 pages.

RTA group

RTA group



RTA group name



Description



Aa

No

Yes

RTA specification

RTA specification



EYUVC1230I 'Create' (CREATE) request completed successfully for 1 records.





EYUVC1280I 2 records collected at 10/04/05 15:05:21.



Context: Automatic refresh: ☐ 60 seconds.

RTA specification name: =

2 records on 1 pages.

Record	RTA specification name	Description	Last time the definition was changed
 	▼▲▲	▼▲▲	▼▲▲
1 <input type="checkbox"/>	NEWSPEC		05/20/05 11:20:32
2 <input type="checkbox"/>	TESTRTAS		10/04/05 15:05:21

2 records on 1 pages.

RTA specification

RTA specification





RTA specification name	<input checked="" type="checkbox"/> TESTRTAS
Description	<input type="checkbox"/> <input type="text"/> Aa
System availability management	
Action for system availability monitoring event	<input type="checkbox"/> <input type="text"/>
Severity for system availability monitoring event	<input type="checkbox"/> <input type="text"/> ▼
Action for short on storage (SOS) event	<input type="checkbox"/> <input type="text"/>
Severity for short on storage (SOS) event	<input type="checkbox"/> <input type="text"/> ▼
Action for system dump event	<input type="checkbox"/> <input type="text"/>
Severity for system dump event	<input type="checkbox"/> <input type="text"/> ▼
Action for transaction dump event	<input type="checkbox"/> <input type="text"/>
Severity for transaction dump event	<input type="checkbox"/> <input type="text"/> ▼
Action for CICS-at-maximum-tasks event	<input type="checkbox"/> <input type="text"/>
Severity for CICS-at-maximum-tasks event	<input type="checkbox"/> <input type="text"/> ▼
Action for CICS-stalled event	<input type="checkbox"/> <input type="text"/>
Severity for CICS-stalled event	<input type="checkbox"/> <input type="text"/> ▼

☐ No ☒ Yes

Add associations

- Associate the RTA definition with an RTA group.

3 <input type="checkbox"/>	DDD2	300 DAN1 	09/28/05 11:12:33
4 <input checked="" type="checkbox"/>	TESTRTAD	300 TESTACTN 	10/04/05 14:51:52

4 records on 1 pages.

Create... Update... Remove... Install... Install analysis specification...
Add to RTA group...

- Associate an RTA group with an RTA specification.

1 <input checked="" type="checkbox"/>	TESTRTAG	10/04/05 14:55:23
2 <input type="checkbox"/>	VCVBVB	05/20/05 11:19:52

2 records on 1 pages.

Create... Update... Remove... Install... Install analysis specification...
Add to RTA specification... Add to RTA analysis point specification...

- Associate an RTA specification with a CICS system.

1 <input type="checkbox"/>	NEWSPEC	05/20/05 11:20:32
2 <input checked="" type="checkbox"/>	TESTRTAS	10/04/05 15:05:21

2 records on 1 pages.

Create... Update... Remove... Associate CICS system... Associate CICS group...










Change RTA state of the system

Main menu

CMAS context:
Context:
Scope:

Welcome to the CICSplex SM Web User Interface. Please select an item from the menu below.

General views

- [CICS regions](#) 
- [Active tasks](#) 
- [ISC and MRO connections](#) 
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CICSplex SM operations views

CMAS context:
Context:
Scope:

MAS views

- [System group definitions](#) 
- [CICS system definitions](#) 
- [Status of MASs known to CICSplex](#) 

CMAS views

- [CMASs known to local CMAS](#) 
- [CICSplexes managed by CMAS](#) 
- [CMASs managing CICSplex](#) 
- [CMAS-to-CMAS links](#) 
- [CMAS-to-MAS links](#) 



Change RTA state of th

Runtime MAS display

EYUVC1280I 1 records collected at 10/04/05 15:19:22.

Refresh

CICS system name IYK3ZDD4

Attributes
MAS type Local
CMAS name IYK3ZDD1
MAS status Active
CICS system description

Context: DWDPLEX1
Scope: DWDPLEX1
CICS system name: = [v] []

Activity
Monitoring status ☐ No [v]
Real time analysis status ☒ Yes [v]
Workload manager status ☐ Yes
[v] No
[v] Sam
[v] Mrm

Record	CICS system name	MAS type	CMAS name	MAS status	Monito status
1 <input type="checkbox"/>	IYK3ZDD4	Local	IYK3ZDD1	Active	No

Time
Time zone [v] B
Time zone offset [v] 0
Daylight savings in effect ☐ No [v]

Security
Simulated security command check ☐ No [v]
Simulated security resource check ☐ No [v]
Simulated security exemption check ☐ No [v]

[Real Time Analysis details](#)
[Monitoring details](#)

Stop...

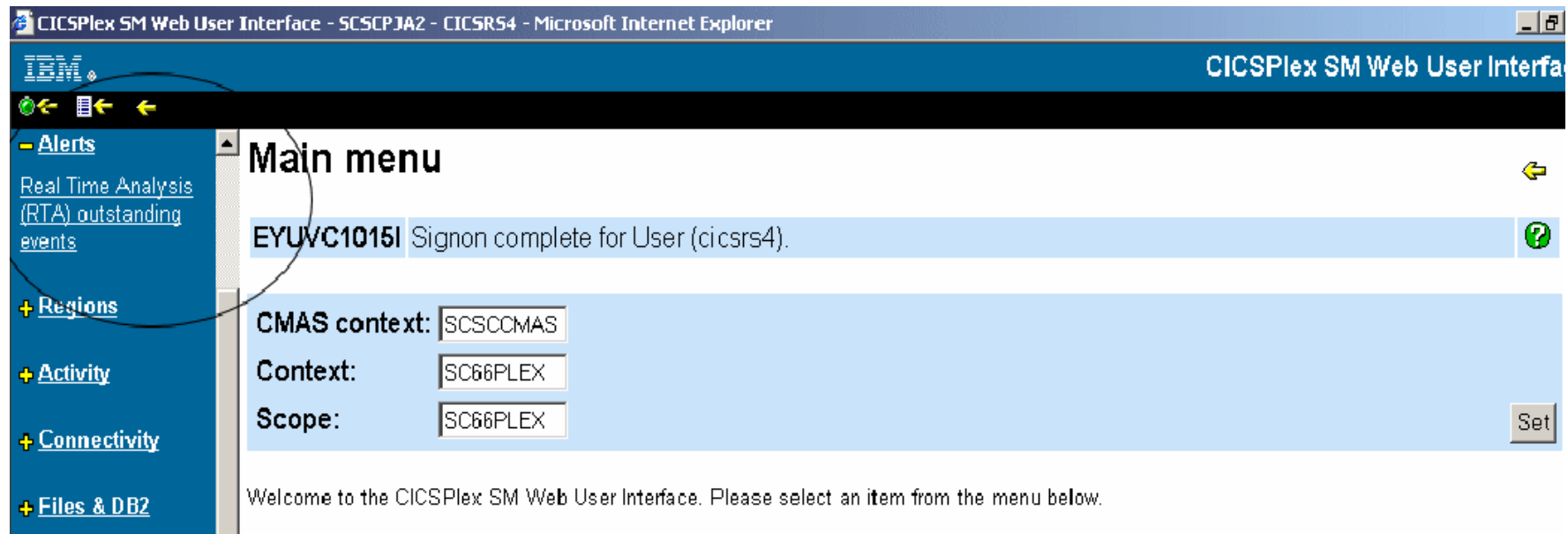
Apply changes

Stop...

Problem determination using the WUI

The Scenario

- New application added to the CICSplex.
- No one was informed the new application need a considerable amount of “above the line” storage.
- Users connected to the CICSplex complain they are getting slow response times or their terminals are hanging.
- To determine if there is a problem we look at the outstanding events.



Problem

- Region is Short on Storage

Real Time Analysis (RTA) Outstanding Events

EYUVC1280I 170 records collected at 05/31/05 12:01:59.

Context: SC56PLEX

Event name: =

Current event target: =

Event severity: =

Event priority: =

Automatic refresh: ☐ 60 seconds.

Refresh

170 records on 7 pages. Page: 1 Go to page Next

Record	Event name	Current event target	Event severity	Event priority	Event type	Detailed information availability	Associated view that provides extra information	Resource type	Name of specific resource that caused event	Event description
1	IISAMSOS	SCSCPA1	Hs	255	Sam	No	CICSDSA			SOSABC SOS at 12:00:29
2	IISAMSTL	SCSCPTA1	Vhs	255	Sam	No	TASK			IRLINK STALLED 12:01:17
3	IISAMSTL	SCSCPTA2	Vhs	255	Sam	No	TASK			IRLINK STALLED 12:01:27

Customised CICS Storage View

CICS Storage Utilization								
EYUVC12801 8 records collected at 06/02/05 15:50:42.								
Context: SC66PLEX Automatic refresh: <input checked="" type="checkbox"/> 10 seconds. Scope: SC66PLEX <input type="button" value="Refresh"/>								
8 records on 1 pages.								
Record	CICS system name	Total storage currently allocated to DSAs	Total storage currently allocated to EDSAs	Peak amount of storage allocated to DSAs	Peak amount of storage allocated to EDSAs	Short on storage status	Storage protection status	Transaction isolation status
1 <input type="checkbox"/>	SCSCPAA1	3MB	46MB	3MB	49MB	Yes above	Inactive	Inactive
2 <input type="checkbox"/>	SCSCPAA4	1MB	44MB	1MB	44MB	No	Inactive	Inactive
3 <input type="checkbox"/>	SCSCPJA2	1MB	51MB	1MB	51MB	No	Inactive	Inactive
4 <input type="checkbox"/>	SCSCPJA6	2MB	50MB	2MB	50MB	No	Inactive	Inactive
5 <input type="checkbox"/>	SCSCPJA7	2MB	47MB	2MB	47MB	No	Inactive	Inactive
6 <input type="checkbox"/>	SCSCPLA1	1MB	42MB	1MB	42MB	No	Inactive	Inactive
7 <input type="checkbox"/>	SCSCPTA1	2MB	36MB	2MB	36MB	No	Inactive	Inactive
8 <input type="checkbox"/>	SCSCPTA2	2MB	36MB	2MB	36MB	No	Inactive	Inactive
8 records on 1 pages.								
Update Limit...								

Problem spreads to other regions

337 records on 14 pages. Page:

Event name	Current event target	Event severity	Event priority	Event type	Detailed information availability	Associated view that provides extra information	Resource type	Name of specific resource that caused event	Event description
IISAMSOS	SCSCPAA1	Hs	255	Sam	No	CICSDSA			SOSABOVE SOS at 09:49:44
IISAMSOS	SCSCPJA7	Hs	255	Sam	No	CICSDSA			SOSABOVE SOS at 09:52:06
IISAMSTL	SCSCPTA1	Vhs	255	Sam	No	TASK			IRLINK STALLED at 09:50:45
IISAMSTL	SCSCPTA1	Vhs	255	Sam	No	TASK			ALLCSESS STALLED at 09:54:17
IISAMSTL	SCSCPTA2	Vhs	255	Sam	No	TASK			IRLINK STALLED at 09:50:35
IISAMSTL	SCSCPTA2	Vhs	255	Sam	No	TASK			ALLCSESS STALLED at 09:54:07
CMZCB206	SCSCPAA4	Hw	1	Mrm	Yes	CICSSTOR	SCSCPAA4		CDSA less than 20%

Confirm Short on Storage

CICS Storage Utilization

EYUVC1280 | 8 records collected at 06/03/05 10:12:18.

Context: SC66PLEX | Automatic refresh: ☐ 10 seconds.

Scope: SC66PLEX | [Refresh](#)

8 records on 1 pages.


Record	CICS system name	Total storage currently allocated to DSAs	Total storage currently allocated to EDSAs	Peak amount of storage allocated to DSAs	Peak amount of storage allocated to EDSAs	Short on storage status	Storage protection status	Transaction isolation status
1 <input type="checkbox"/>	SCSCPAA1	2MB	46MB	2MB	47MB	Sosabove	Inactive	Inactive
2 <input type="checkbox"/>	SCSCPAA4	1MB	44MB	1MB	44MB	Notsos	Inactive	Inactive
3 <input type="checkbox"/>	SCSCPJA2	1MB	48MB	1MB	48MB	Notsos	Inactive	Inactive
4 <input type="checkbox"/>	SCSCPJA6	2MB	50MB	2MB	50MB	Notsos	Inactive	Inactive
5 <input type="checkbox"/>	SCSCPJA7	2MB	41MB	2MB	41MB	Sosabove	Inactive	Inactive
6 <input type="checkbox"/>	SCSCPLA1	1MB	42MB	1MB	42MB	Notsos	Inactive	Inactive
7 <input type="checkbox"/>	SCSCPTA1	2MB	37MB	2MB	37MB	Notsos	Inactive	Inactive
8 <input type="checkbox"/>	SCSCPTA2	2MB	37MB	2MB	37MB	Notsos	Inactive	Inactive


8 records on 1 pages.

Update Limit..

Alter CICS Storage

CICS Storage Capacity



EYUVC1280I 8 records collected at 06/03/05 10:12:18. 

Refresh

CICS system name	SCSCPAA1	Short on storage status	Sosabove
Total storage currently allocated to DSAs	2MB	Current DSA limit	<input type="checkbox"/> 2MB
Total storage currently allocated to EDSAs	46MB	Current EDSA limit	<input type="checkbox"/> 30MB
DSA statistics		EDSA statistics	
Current size of CDSA	1MB	Current size of ECDSA	19MB
Current CDSA cushion size	64KB	Current ECDSA cushion size	128KB
Current size of RDSA	256KB	Current size of ERDSA	24MB
Current RDSA cushion size	64KB	Current ERDSA cushion size	256KB
Current size of SDSA	256KB	Current size of ESDSA	1MB
Current SDSA cushion size	64KB	Current ESDSA cushion size	128KB
Current size of UDSA	256KB	Current size of EUDSA	2MB
Current UDSA cushion size	64KB	Current EUDSA cushion size	0

Update Limits

Problem has been alleviated

CICS Storage Utilization

EYUVC1280I 8 records collected at 06/03/05 11:45:55.

Context: SC66PLEX Automatic refresh: ☐ 10 seconds
 Scope: SC66PLEX

8 records on 1 page

Record	CICS system name	Total storage currently allocated to DSAs	Total storage currently allocated to EDSAs	Peak amount of storage allocated to DSAs	Peak amount of storage allocated to EDSAs	Short on storage status	Storage protection status	Transaction isolation status
1	SCSCPAA1	2MB	57MB	2MB	57MB	Not sos	Inactive	Inactive
2	SCSCPAA4	1MB	44MB	1MB	44MB	Not sos	Inactive	Inactive
3	SCSCPJA2	1MB	48MB	1MB	48MB	Not sos	Inactive	Inactive
4	SCSCPJA6	2MB	50MB	2MB	50MB	Not sos	Inactive	Inactive
5	SCSCPJA7	2MB	41MB	2MB	41MB	Sos above	Inactive	Inactive
6	SCSCPLA1	1MB	42MB	1MB	42MB	Not sos	Inactive	Inactive
7	SCSCPTA1	2MB	37MB	2MB	37MB	Not sos	Inactive	Inactive
8	SCSCPTA2	2MB	37MB	2MB	37MB	Not sos	Inactive	Inactive

8 records on 1 page

Update Limit..

Summary

- Managing CICS resources
 - Disabling transactions
 - New copy action on a program
 - Closing Files with the WUI
 - Cleaning REQIDs
- Setting up a WLM Workload
- Setting up RTA
- Problem determination using the WUI
 - Storage Problem