

# OMEGAMON Thresholds, Profiles, and User Interfaces

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Session Number

Test link: [www.SHARE.org](http://www.SHARE.org)



# Topics



- OMEGAMON level set
  - User Interfaces review
- Alerts come in many shapes and sizes
- Monitoring Profiles
  - Session
  - Site
  - Region
  - User

# OMEGAMON Evolution – Starting 1976



		ZSTC	VTM	OM/DEX	V500./I	SP12	01/22/02	8:31:44	
> Help PF1		Back PF3		Up PF7		Down PF8		Zoom PF11	
STCJ	*MASTER*	PCAUTH	RASP	TRACE	DUMPSRV	XCFAS	GRS	SMXC+	
ioj	112826	16	2	27	713644	379395	31		
cpu2	80.73				18.46	323.68	1042.37	14.50	
jsta	WAT*NSW	WAT*NSW	WAT*NSW	WAT*NSW	WAT*NSW	WAT*NSW	WAT*NSW	WAT*NSW	
step		PCAUTH	RASP	TRACE	DUMPSRV	XCFAS	GRS	SMXC	
perf	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
wkst	4112K	336K	688K	524K	532K	15492K	4460K	176K	
fxfr	888	70		124	54	2369	78	21	
nvsc	891	33	64	116	124	1029	461	30	
asid	(001) 1	(002) 2	(003) 3	(004) 4	(005) 5	(006) 6	(007) 7	(008) 8	
disp	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	
suio	56440			8	356996	189788			
■									
STCJ	SYSBMAS	SMSVSAM	CONSOLE	WLM	ANTMAIN	ANTAS000	OMVS	IEFSCHAS+	
ioj		264	106948	15	168	129	180	7	
cpu2	2.57	57.33	4327.16	669.89	2.47	.05	27.88		
jsta	WAT*NSW	WAT*NSW	WAT*NSW	WAT*NSW	WAT*NSW	WAT*NSW	WAT*NSW	WAT*NSW	
step	SYSBMAS	SMSVSAM	CONSOLE	WLM	ANTMAIN	ANTAS000	OMVS	IEFSCHAS	
perf	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
wkst	33628K	3516K	3560K	3168K	4704K	764K	14720K	112K	
fxfr	59	231	78	91	99	59	286	20	
nvsc	3186	1563	2178	609	2480	567	3699	16	
asid	(009) 9	(00A) 10	(00B) 11	(00C) 12	(00D) 13	(00E) 14	(00F) 15	(011) 17	
disp	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	
suio		132	53464	7	78	10	90	3	
STCJ	JESXCF	ALLOCAS	IOSAS	IXGLOGR	SMF	VLF	LLA	ASCH+	
4B ■		:00.2						16/06	

Connected to host wlaa [198.210.51.142] (TCPA0134)

10:50 AM

# OMEGAMON II in the 1980's & 1990's

11/02/00 7:47:25 AM  
Region: CCCDS18  
Auto(Off)

Select one component with a / or an action code.  
S=Show details A=Analyze problems L=Control

Workloads		Resources		Alerts	
AIDs	OK	CPU	Crit	MRO/ISC	OK
ICEs	OK	DASD	Warn	Paging	OK
Response	OK	DB2	Idle	Storage	OK
Tasks	OK	DBCTL	Idle	Tapes	Idle
TranRate	Idle	Eiles	OK	ICP/IP	Idle
UOWs	OK	Journals	OK	TempStor	OK
		LSP	OK	TempData	OK
				YDF	Idle

02/09/00 8:34:57 AM  
System: D61D +  
N-T History

Select One Component With a "/" Or An Action Code.  
S=Show details A=Analyze problems H=Near-term history L=Control

Workloads		Resources	
CICS	OK	Buffer Mgr	OK
IMS	CRIT	EDM Pool	OK
TSO	OK	Lock Stats	OK
Background	OK	Log Manager	WARN
Utility	IDLE	DDF Stats	OK
Distributed	OK		
All Connections		Bind Stats	
		SSS Stats	
		SQL Stats	
		Open/Close Stat	
		Command Stats	

F1=Help F2=Keys F3=Exit F4=Prompt F5=Refresh F6=Console

12/04/98 6:43:13 AM  
System: SP12  
AUTO(60)

Select one component with a "/" or an action code.  
S=Show details B=Bottlenecks T=Historical trends A=Analyze problems

Workload status		Resource status		Operator Alerts	
Batch	OK	CPU	OK	Key Task	OK
STC/APPC	OK	DASD	OK	WTO Buffer	OK
TSO: RTA	OK	Tape	OK	WTOs	OK
TSO Host	OK	Paging	OK	OLTEP	OK
Per1 TSO	OK	Storage	OK	DDR Swap	OK
Workload	Crit	CSA	OK	Max. Tasks	OK
		Channels	OK	HSM	OK
				Enqueue	OK
				RMF	OK
				GTF	OK
				SMF	OK
				Syslog	OK
				GRS	OK
				Key DASD	OK

OMEGAMON II for MVS  
OMEGAMON II for CICS  
OMEGAMON II for IMS  
OMEGAMON II for DB2  
OMEGAMON II for VTAM  
OMEGAMON for SMS  
OMEGAMON for MQ  
OMEGAVIEW

# OMEGAMON XE – Since year 2000

On-Line Ordering System - SWHIT2:14567 - SYSADMIN

File Edit View Help

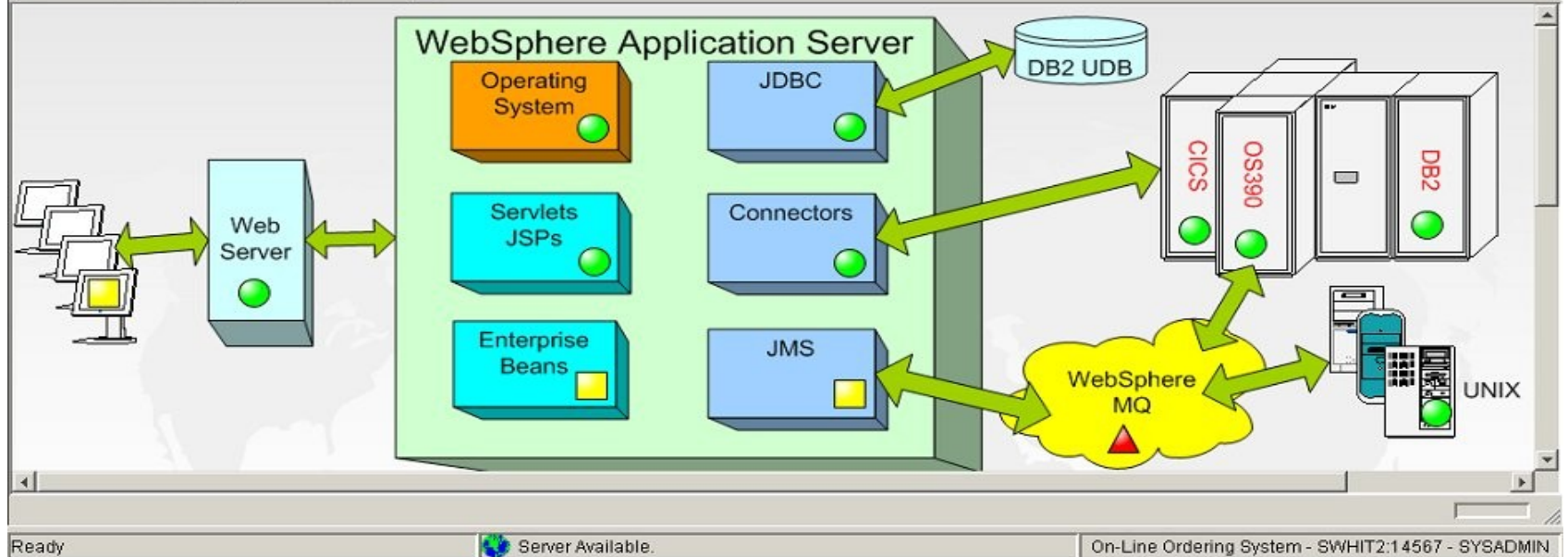
Widget Company Inc

Filtered Events: 4 of 9 Item Filter: On-Line Ordering System

**Current Problem Status**

Status	Situation Name	Source	Opened	Age	Loca
Open	EJB_Timeout_Failure	MQA:MQA:MQ	04/08/03 10:56:09	0 Minutes	04/08/03
Open	User_Response_SLA_Breach	MQA:MQA:MQ	04/08/03 10:56:09	0 Minutes	04/08/03
Open	Prod_MQ_Channel_Failure	MQA:MQA:MQ	04/08/03 10:56:08	0 Minutes	04/08/03
Open	JMS_Response_Failure	MQA:MQA:MQ	04/08/03 10:56:08	0 Minutes	04/08/03

On-Line Ordering System - Current WebSphere Application Server Status



Ready Server Available. On-Line Ordering System - SWHIT2:14567 - SYSADMIN

# Enhanced 3270 UI

File Edit View Tools Options Help 06/30/2012 10:56:46  
 Auto Update : Off  
 Command ==> Enterprise Summary  
 Plex ID :  
 Sys ID :

**All Active Sysplexes**

ΔSysplex Name	ΔAverage CPU Percent	Highest LPAR Name	ΔHighest LPAR CPU%	ΔPercent VMSU Capacity
ESYSLEX	14	ESYSMVS	26	26

**All Active CICSplexes**

ΔCICSplex Name	ΔNumber of Regions	ΔTransaction Rate	ΔCPU Utilization	Ans Regions
CICSACB9	1	0/m	0.0%	No
CICSDAX1	6	0/m	0.0%	No
CICSPLX1	9	0/m	0.0%	No
CICWKS38	1	0/m	0.0%	No
OMEGPLEX	8	6/m	0.0%	No

**All Active DB2 Subsystems**

ΔDB2 ID	ΔMVS System ID	Lock Conflict	Lock Escalation	Lock Escalation	Lock Escalation	+DDF
DSNT	MVSE	0	0	0	0	0.00
DSNC	MVSE	0	0	0	0	0.00
DSNB	MVSE	0	165	0	0	0.00
DSNA	MVSE	0	0	0	0	0.00
DB1S	MVSE	0	50	0	0	0.21
DB1I	MVSE	0	0	0	0	0.00
DB1D	MVSE	0	0	0	0	0.00

z/OS-wide sysplex view

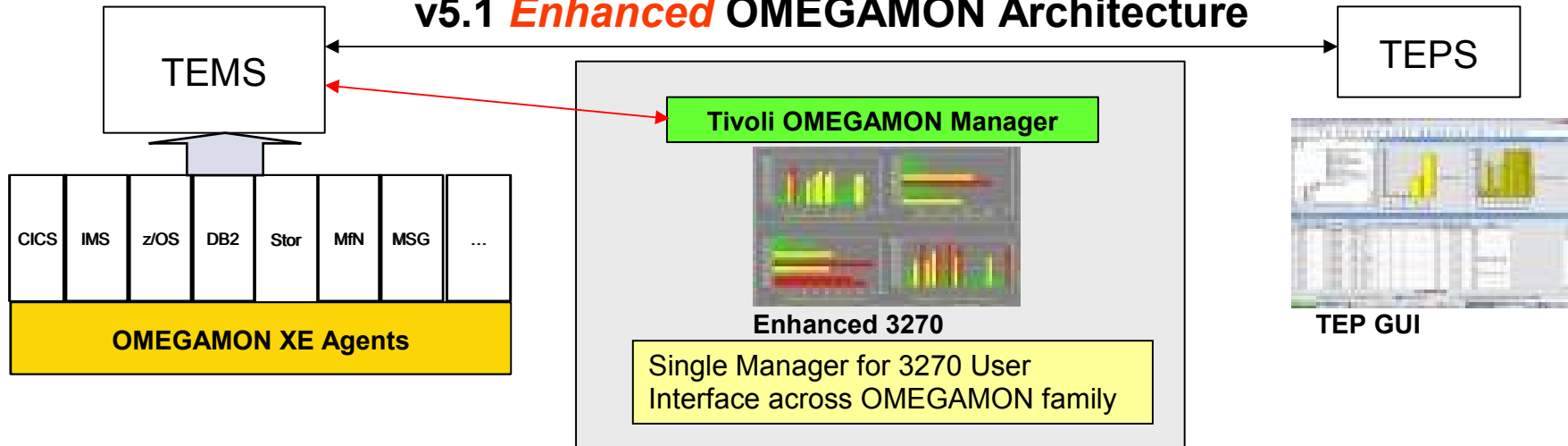
CICSplex Aggregation

Consolidated DB2 view

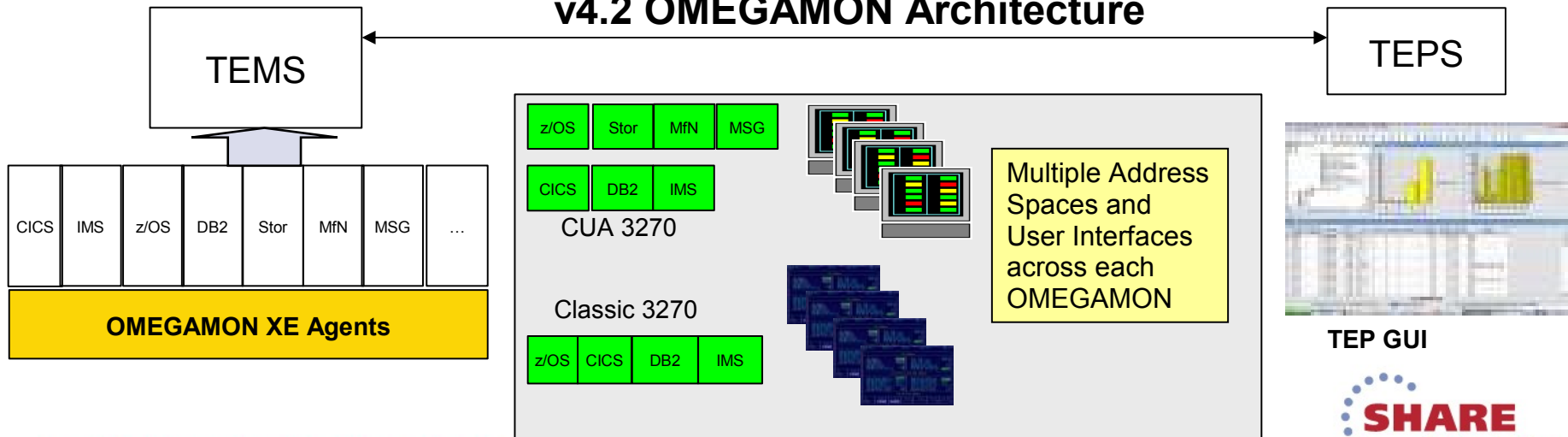


# Evolving Architecture on Z

## v5.1 *Enhanced* OMEGAMON Architecture



## v4.2 OMEGAMON Architecture



# Who Uses What ... Where .. And Why?



- Motivation
  - User Base
  - Migration
  - Eliminate Confusion
- Maturity of UI's
  - Great new features
  - V1 vs. 1975



# Proactive Alerting



Exception  
Analysis

Analyze  
Problems

Status Lights

Situations

```
ZALL      VTM      OM/DEX    V510./C MVSE 02/12/14 11:22:42
> Help PF1      Back PF3      Up PF7      Down PF8      Zoom PF11
=====
>
SYSTEM WIDE EXCEPTIONS
=====
> System parameters and SRM values
SYS      >> WLM Goal mode OPT=00 SYSRES=(DMERES,0100) <<
rcra    Averages:  UIC=    65534  CPU=      2  ASMQ=    N/A  Paging=
rcpr    CPU Utilization from RMF
=====
SXQCB    >> No Enqueue Conflicts or RESERVEs <<
=====
> For more information, place the cursor on the exception name and press PF11.
>
LEXSY    OMEGAMON/MVS Exception Analysis
+ XREP  Number of Outstanding Replies = 10
+ FXFR  STC *MASTER*      Fixed Frames in use = 3942
+ WSHI   *MASTER*      Working Set Size = 432384K (High)
+ FXFR  STC PCAUTH      Fixed Frames in use = 514
+ WAIT   PCAUTH      Wait: 30:06 DY
+ WSHI   PCAUTH      Working Set Size = 2828K (High)
+ FXFR  STC TRACE      Fixed Frames in use = 1624
+ WAIT   TRACE      Wait: 30:06 DY
+ WSHI   TRACE      Working Set Size = 6540K (High)
+ FXFR  STC DUMPSRV     Fixed Frames in use = 155
+ WSHI   DUMPSRV     Working Set Size = 1220K (High)
+ FXFR  STC GRS        Fixed Frames in use = 480
+ WSHI   GRS        Working Set Size = 196940K (High)
+ FXFR  STC CICSVR     Fixed Frames in use = 146
+ WSHI   CICSVR     Working Set Size = 4524K (High)
+ FXFR  STC CONSOLE    Fixed Frames in use = 154
+ WSHI   CONSOLE    Working Set Size = 14372K (High)
```



# Installation Profile Active

```
ZMENU      VTM      CICSTIV1 V510./I MVSE 01/06/14 17:01:45
> PF1 Help/News/Index      PF3 Exit      PF18 Color
=====
> OMEGAMON II FOR CICS PERFORMANCE MONITOR S
> Enter a selection letter on the top line.
> W REGIONS ..... List CICS regions, switch monitoring
> V OVERVIEW ..... Performance overview
> R RESPONSE TIME ..... CICS and end-to-end response time monitoring
> E EXCEPTIONS ..... Current system problems and problems this session
> T TASKS ..... Task analysis
> H HISTORY ..... Historical, traced transaction viewing and selection
> B BOTTLENECKS ..... Resource contention (bottlenecks, impacts, enqueues)
> S STORAGE ..... Storage summary, violations, DSA, EDSA, PAM, subpools
> F FILES ..... CICS datasets, VSAM, LSR, string and buffer waits
> D DATABASES ..... DB2, DLI and MQ
> C CICS ..... CICS tables and control blocks
> M MVS ..... Operating system control blocks for CICS
> I I/O ..... DASD performance
> U UTILITIES ..... Utility functions and displays
> O CONTROL ..... Control options (response time, history, contention,
> database collectors, shutdown, SMF, trace)
> G GROUPS ..... Group definitions
> P PROFILE ..... Profile options and maintenance
=====
```

Profile Designation

# Classic Profile Options

```
ZPROF      VTM      CICSTIV1 V510./I MVSE 01/06/14 17:02:57
> PF1 Help      PF3 Exit      PF10 Save Profile
=====
>
>          Enter a selection letter on the top line.
>
>          PROFILE OPTIONS AND MAINTENANCE
>
>          Profile Maintenance
> A EXCEPTIONS ..... Set exception analysis thresholds
> B CONFIGURE ..... Set default startup configuration
> C SAVE/DELETE ..... Save, delete, list profiles
>
>          Session Controls
> D COLOR ..... Set colors, color mode, intensities
> E BACKGROUND ..... Set XLF, ASF, and TSF
> F AUTO ON ..... Turn automatic updating on (VTAM mode only)
> G AUTO OFF..... Turn automatic updating off (VTAM mode only)
> H LOGGING ..... Log/XLFLLOG output options, log on, log off, log print
>
> Altered settings become permanent when you save your profile.  To do this,
> press PF10/22 from any screen.
=====
```

Set Exceptions  
and Save Profile

# Task Control Exceptions

```
ZXSET3 VTM CICSTIV1 V510./I MVSE 01/06/14 17:04:00
> PF1 Help PF3 Back PF4 Main Menu PF7 Up PF8 Down PF10 Save PF11 Zoom
> A-Database B-I/O C-Task D-Terminal E-OMEGAMON F-MVS
> G-Storage H-TD/TS I-VSAM J-CICS K-MAXR L-All Clear
> M-Web Service
=====
> TASK CONTROL EXCEPTIONS
> To display an exception threshold, remove the > preceding XACB and enter the
> exception name after LIST=. To change a setting, type over the current
> value. To make your changes permanent, you must save your OMEGAMON profile.
> For more information about a particular exception, place the cursor under
> the required exception name and press PF11.

XACB LIST=TRLO_
: TRLO
+ DISPLAY Parameters: THRESHOLD Parameters: XLF Parameters:
: State=ON Threshold=60 Auto=OFF
: Group=KC Display=CLR1 Log=OFF
: Bell=OFF Attribute=NONE Limit=0 (0)
: BOX Parameters: CYCLE Parameters: Repeat=NO
: Boxchar=NO BOX ExNcyc=0 Persist=0
: Boxclr=NONE Stop=0 (0) SS=
: Boxattr=NONE Cumulative=0

> Task control exception names:
> AMXP Active max tasks > nn% RMTH Remote links in use exceed nn% or
> AMXT At or over active max tasks Remote Scheduler pending for system
> CMXP Class max tasks > nn% RMTT Total link waits > nn
> CMXT System at CMXT for class n TRLO Transaction rate < nn
> MAXP Total max tasks > nn%
```

Threshold Value

PF11 Help Text

# Transaction Rate Low

```
----- ZXTRLO      VTM      CICSTIV1 V510./I MVSE 01/06/14 17:04:25
> PF3 Back      PF4 Main Menu      PF7 Up      PF8 Down

=====
> TRLO - Transaction rate is below 60

> Explanation:

> The total transaction rate is .0, which is less than the
> threshold of 60.

> The transaction rate is calculated for transactions completed in
> the current 1-minute collection interval. The transaction rate can
> be displayed as transactions/sec or transactions/min depending on
> the unit setting of the RATE command. The default is
> transactions/min.

> Recommendations:

> 1) Select the CICS path, CSA option to verify whether CICS task
> limit settings have been set too low. Check max tasks, active
> max tasks and class max tasks limits.

> 2) Transaction rate problems may indicate other exceptions such as
> a CICS short-on-storage condition or a disabled time-of-day
> clock caused by a looping task.

> 3) Other possible reasons may include:
> - external contention, preventing CICS from being dispatched
> - network problems, such as terminals out of service
> - disabled transaction IDs
```

# Classic List Profiles



```
_____ ZOPTUA      VTM      CICSTIV1 V510./I MVSE 01/06/14 17:06:59
> PF1 Help      PF3 Back      PF4 Main Menu      PF7 Up      PF8 Down      PF10 Save

> A-List Profiles      B-Describe Profile      C-Save User Profile
> D-Delete User Profile      E-Save Install Profile      F-Delete Install Profile
=====
>
> LIST PROFILES
>
> PPRF LIST
> RKOCPFVSV      DSN=CANDLET.XEGA.ESYSMVS.RKC2PF00
>
> _____
> Profile ID      Description      Date Modified
>
> OCINSTAL      INSTALLATION PROFILE      01/06/14
> OCUSERWB      USER PROFILE      01/06/14
>
> RKOCPROF      (Dup.) DSN=CANDLET.XEGA.ESYSMVS.RKC2PF00
>
> _____
> RKOCPROF +01      DSN=CANDLET.XEGA.ESYSMVS.RKC2PROF
>
> _____
> Dataset empty
>
=====
```

Available Profiles



# CICS Region List

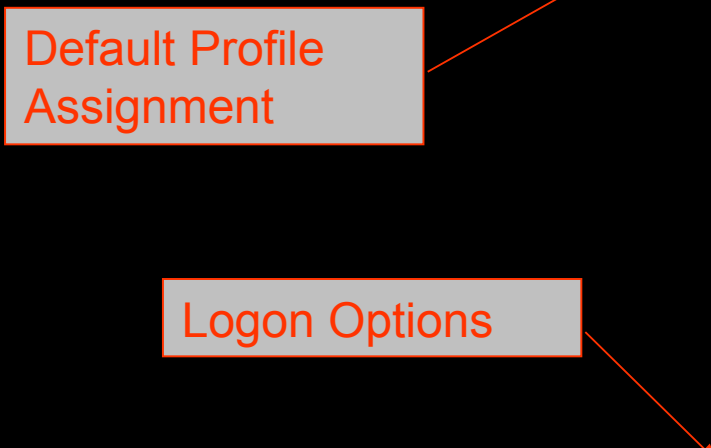
Actions View Options Help

01/06/14 5:15:02 PM

KC2A01D CICS Regions Auto (Off)

CICS Jobname	CICS Applid	CICS Release	Start Date	Start Time	KOCCI Applid	Region Profile
— CICSILog	CICSILog	6.8.0	11/16/13	11:19:09	XES1C2C	\$DEFAULT
— CICSTIV1	CICST001	6.7.0	11/16/13	11:20:40	XES1C2C	CICSTIV1
— CICSTIV2	CICST002	6.7.0	11/16/13	11:20:40	XES1C2C	\$DEFAULT
— CICSTIV3	CICST003	6.7.0	11/16/13	11:20:41	XES1C2C	\$DEFAULT

F1=Help F2=Keys F3=Exit F5=Refresh F10=Action Bar F11=Logon Options





# Logon Options

```

  Actions  View  Options  Help
-----
K  KC2LOGOP          Logon Options

Supply the appropriate logon options.

OMEGAMON II userid profile . . . . . DNET314 +
OMEGAMON common profile . . . . .            *
OMEGAMON common profile . . . . .            *
CICS job name . . . . .            *
CICS region profile . . . . .            +

Migrate profile from OMEGAMON . . . . No + (Yes/No)
OMEGAMON profile to migrate from . . /I
Password for authorized commands . . No + (Yes/No)
Logical rows for menu system . . . . 300 (150-9999)

Display Tip of the Day . . . . . No + (Yes/No/Wait)

Press F1 for more information on these fields.

F1=Help  F4=Prompt  F12=Cancel

```

14 7:59:48 PM  
Auto(Off)

Region Profile
\$DEFAULT CICSTIV1 \$DEFAULT \$DEFAULT

**Explicit Region Profile** (points to CICS region profile field)

**Migrate Classic Profile** (points to Migrate profile from OMEGAMON field)

F1=Help F2=Keys F3=Exit F5=Refresh F10=Action Bar F11=Logon Options

# Region Profile Management



```

_____ Actions Index Options Help
KC2Q02D                               01/06/14  5:16:38 PM
                                     Region: CICSTIV1
                                     Auto(Off)

Overtyp e to change the current profile and press Enter.

Current region profile . . . CICSTIV1

S=Switch  C=Copy  D=Delete  P=Print  E=Export  I=Import

Region Profile | Description
-----|-----
_ $DEFAULT    | Default region profile
_ CICSTIV1    | Waynes test region profile

F1=Help  F2=Keys  F3=Exit  F5=Refresh  F6=Console  F10=Action Bar  F11=Print
F15=Region Status  PA1=Switch

```



# Region Status



Actions GoTo Index Options Help

KC2B01D6 **Region Status** 01/06/14 5:15:28 PM  
Region: CICSTIV1 +  
Auto(Off)

Select one component with a / or an action code.  
S>Show details A=Analyze problems L=Control

Workloads	Resources	Alerts
_ AIDs <b>OK</b>	_ CPU <b>OK</b>	_ Bottlnck <b>Idle</b>
_ ICEs <b>OK</b>	_ DASD <b>Idle</b>	_ CICSloop <b>OK</b>
_ Response <b>OK</b>	_ DB2 <b>Idle</b>	_ Dumps <b>OK</b>
_ Tasks <b>OK</b>	_ DBCTL <b>Idle</b>	_ Enqueues <b>OK</b>
_ TranRate <b>Crit</b>	_ Files <b>OK</b>	_ I/O Rate <b>Idle</b>
_ UOWs <b>OK</b>	_ Journals <b>OK</b>	_ VTAM ACB <b>OK</b>
	_ LSR <b>OK</b>	_ XRF <b>Idle</b>
	_ MQ <b>Idle</b>	
	_ MRO/ISC <b>OK</b>	
	_ Paging <b>OK</b>	
	_ Storage <b>OK</b>	
	_ Tapes <b>Idle</b>	
	_ ICP/IP <b>Idle</b>	
	_ TempStor <b>OK</b>	
	_ TranData <b>OK</b>	
	_ Web <b>OK</b>	

**Critical Alert**

F1=Help F3=Exit F4=Prompt F5=Refresh F6=Console F10=Action Bar F11=Print  
PA1=Switch

# Transaction Rate Thresholds

Actions GoTo Index Options Help

KC2QRAT Transaction Rate Thresholds

Type any changes, then press Enter.

Performance Measure	Warning	Critical	Monitor +
Transaction rate high . . .	> <u>100</u> /second	> <u>200</u> /second	<u>No</u>
Transaction rate low . . .	< <u>10</u> /second	< <u>5</u> /second	<u>Yes</u>

Transaction rate unit . . . second + (second/minute)

Frequency of data collection 10 (1-99)

F1=Help F4=Prompt F5=Refresh F12=Cancel F18=Default

<u>1</u> TranRate <b>Crit</b>	<u>F</u> iles <b>OK</b>	<u>I</u> CP/IP <b>Idle</b>	<u>I</u> /O Rate <b>Idle</b>
<u>U</u> OWs <b>OK</b>	<u>J</u> ournals <b>OK</b>	<u>T</u> empStor <b>OK</b>	<u>V</u> TAM ACB <b>OK</b>
<u>L</u> SR <b>OK</b>	<u>M</u> Q <b>Idle</b>	<u>T</u> ranData <b>OK</b>	<u>X</u> RF <b>Idle</b>
<u>W</u> eb <b>OK</b>			

F1=Help F3=Exit F4=Prompt F5=Refresh F6=Console F10=Action Bar F11=Print  
PA1=Switch

On / Off Switch

Sampling Control

# z/OS System Status

```

o___  Actions  GoTo  Index  Options  Help
-----
KM2001D                      System Status                      01/06/14  5:17:10 PM
                                System: MVSE
                                AUTO (60)

Select one component with a "/" or an action code.
S=Show details  B=Bottlenecks  T=Historical trends  A=Analyze problems
    
```

Workload status	Resource status	Operator Alerts	
_ Batch <span style="color: green;">-----</span>	_ CPU <span style="color: green;">-----</span>	_ Key Task <span style="color: green;">-----</span>	_ Enqueue <span style="color: green;">-----</span>
_ STC/APPC <span style="color: red;">\$\$\$\$\$\$</span>	_ DASD <span style="color: green;">-----</span>	_ WTO Buffer <span style="color: green;">-----</span>	_ RMF <span style="color: green;">-----</span>
_ TSO: RTA <span style="color: green;">-----</span>	_ Tape <span style="color: green;">-----</span>	_ WTORs <span style="color: green;">-----</span>	_ GTF <span style="color: green;">-----</span>
_ TSO Host <span style="color: green;">-----</span>	_ Paging <span style="color: red;">\$\$\$\$\$\$</span>	_ OLTEP <span style="color: green;">-----</span>	_ SMF <span style="color: green;">-----</span>
_ Per1 TSO <span style="color: green;">-----</span>	_ Storage <span style="color: green;">-----</span>	_ DDR Swap <span style="color: green;">-----</span>	_ Syslog <span style="color: green;">-----</span>
_ Workload <span style="color: green;">-----</span>	_ CSA <span style="color: green;">-----</span>	_ Max. Tasks <span style="color: green;">-----</span>	_ GRS <span style="color: green;">-----</span>
	_ Channels <span style="color: green;">-----</span>	_ HSM <span style="color: green;">-----</span>	_ Key DASD <span style="color: green;">-----</span>

```

F1=Help  F2=Keys  F3=Exit  F5=Refresh  F6=Console  F10=Action Bar  F11=Print
    
```

# z/OS Threshold Options

```
o Actions GoTo Index Options Help
KM2001D                               01/06/14  5:18:10 PM
System Status                          System: MVSE

Select one compon
S>Show details  B

Workload status
- Batch      -----
- STC/APPC   $$$$$$
- TSO: RTA   -----
- TSO Host   -----
- Per1 TSO   -----
- Workload   -----

KM2PRTHL                               Thresholds

Select one of the following, then press Enter.

1. Resource utilization and alert thresholds...
2. Define DASD groups and thresholds...
3. Performance group thresholds...
4. WLM Service Class thresholds...
5. Domain thresholds...
6. Response time group thresholds...
7. Critical jobs or tasks list...
8. Critical DASD devices list...
9. Enqueue exclude list...
10. Service Class Address Space thresholds...
11. Migrate threshold from real-time component...

F1=Help  F12=Cancel
```

Migrate from Classic

# Migrate Real-Time Thresholds

```
o Actions GoTo Index Options Help
KM2001D System Status 01/06/14 5:18:10 PM System: MVSE

Select S=Show
Workload
  _ Batch
  _ STC/A
  _ TSO:
  _ TSO H
  _ Per1
  _ Work1

  _KM2PRUP Migrate Thresholds from Real-Time Component

  To migrate the thresholds in your real-time background component
  to your OMII profile, press Enter. The changes will not take
  effect until the next time you log on to this product with the
  same default profile.

  All thresholds in the real-time component that satisfy a warning
  or critical value in OMEGAMON II will be copied. In addition,
  any critical jobs that are defined will replace your OMEGAMON II
  critical job list, and any response time groups will be added to
  your OMEGAMON II profile.

  For more information, press F1 for help. Press F12 to cancel.

  F1=Help F12=Cancel

  _ Channels ----- | _ HSM ----- | _ Key DASD -----

F1=Help F2=Keys F3=Exit F5=Refresh F6=Console F10=Action Bar F11=Print
```



# OMEGAMON z/OS Administrator

o Actions GoTo Index Options Help 01/06/14 5:20:16 PM

KM2001D

Select one component with  
S>Show details B=Bottle

Workload status	Resou
Batch	CPU
STC/APPC	DAS
TSO: RTA	Tap
TSO Host	Pag
Per1 TSO	Sto
Workload	CSA
Channels	HSM
Key DASD	


KM2AUUNR List User Authorities Gr

S>Select  
Group Zoom Administrator

Group	Zoom	Administrator
DEFAULT	YES	NO
N2DPF	YES	YES

F1=Help F12=Cancel

F1=Help F2=Keys F3=Exit F5=Refresh F6=Console F10=Action Bar F11=Print



Administrator Authority

# z/OS Profile Maintenance



```

o Actions GoTo Index Options Help
KM2001D System Status 01/06/14 5:39:31 PM System: MVSE

Select one component with
S=Show details B=Bottl

Workload status Reso
- Batch ----- - CP
- STC/APPC $$$$$$ - DA
- TSO: RTA ----- - Ta
- TSO Host ----- - Pa
- Per1 TSO ----- - Storage -----
- Workload ----- - CSA -----
- Channels ----- - HSM -----
- DDR Swap ----- - Syslog -----
- Max. Tasks ----- - GRS -----
- Key DASD -----

KM2PRPRO Profile Maintenance Menu

Select one of the following, then press Enter.

- 1. Switch profiles...
- 2. Copy a profile...
- 3. Delete a profile...
- 4. Reset default view settings in profile
- 5. Change startup profile...
- 6. Print a profile...

F1=Help F12=Cancel

F1=Help F2=Keys F3=Exit F5=Refresh F6=Console F10=Action Bar F11=Print
    
```

# OMEGAVIEW Aggregate Alerts

```

File SLF Switch Tools Samples Options Help
KMVPNRUN/$DFLT1 OMEGAVIEW Version 310 01/03/14 10:39:32 AM
Type one or more action codes, then press Enter.
S=Show details, P=Problem management, I=Information, C=Change, G=GoTo

```

Session Name	Workload Status	Resource Status	Alert Status
CMSCON	Green	Green	Green
CICSAOC1	Red	Red	Red
CICSAOR1	Green	Green	Green
CICSAOR2	Green	Green	Green
CICSAOR3	Green	Green	Green
CICSAOR4	Green	Green	Green
CICSAOR5	Green	Green	Green
CICSAOR6	Green	Yellow	Green
CICSAOR7	Green	Green	Green
CICSTIVX	Green	Green	Green
CICSTIV1	Red	Red	Red
CICSTIV2	Red	Red	Red
CICSTIV3	Green	Green	Green
DB1SCL	Red	Green	Red
DB1SCUA	Green	Green	Green
DSNACL	Red	Green	Red
DSNACUA	Cyan	Cyan	Cyan
DSNBCL	Red	Green	Red
DSNCCL	Cyan	Green	Cyan
DSNDCL	Red	Green	Red
DSNTCL	Red	Green	Red
DSNTCUA	Green	Red	Red

F1=Help F2=Keys F3=Exit F5=Refresh F10=Action Bar \*\*=Top Panel

# OMEGAVIEW Alert Components

```

File  SLF  Switch  Tools  Samples  Options  Help
02/18/14  5:01:47 PM

K
T
KMVSIEXP          CICSTIV3 WALL Components
Lines  1  to 18 of 32
Type one or more action codes, then press Enter.
S=Show details, P=Problem management, I=Information, C=Change

  Status Description                               Last 15 Minutes
  _____
-  CICSTIV3 AIDs. . . . .
-  CICSTIV3 ICES. . . . .
-  CICSTIV3 Response Time . . . . .
-  CICSTIV3 Tasks . . . . .
-  CICSTIV3 Transaction Rates . . . . .
-  CICSTIV3 TRAN GRP A* . . . . .
-  CICSTIV3 TRAN GRP B* . . . . .
-  CICSTIV3 TRAN GRP C* . . . . .
-  CICSTIV3 TRAN GRP D* . . . . .
-  CICSTIV3 TRAN GRP E* . . . . .
-  CICSTIV3 TRAN GRP F* . . . . .
-  CICSTIV3 TRAN GRP G* . . . . .
-  CICSTIV3 TRAN GRP H* . . . . .
-  CICSTIV3 TRAN GRP I* . . . . .
-  CICSTIV3 TRAN GRP J* . . . . .
-  CICSTIV3 TRAN GRP K* . . . . .
-  CICSTIV3 TRAN GRP L* . . . . .
-  CICSTIV3 TRAN GRP M* . . . . .

F1=Help  **=Bkwd  F8=Fwd  F12=Cancel
F
  
```

# OMEGAVIEW Session Specification

```

  ACTIONS EDIT TOOLS PROFILES VIEW OPTIONS HELP
----- 01/06/14 4:27:35 PM
K      KMVCC2          ADD SESSION INFORMATION          MORE: +
TY     SESSION NAME . . . . . MyCICS  MANAGED SYSTEM . . cicsreq1
      TYPE . . . . . : OM/II-CICS
      DESCRIPTION . . . . . _____
AC     OMEGAMON II FOR CICS VTAM APPLID . . _____
--    OMEGAMON FOR CICS VTAM APPLID . . . . _____
      CICS REGION NAME . . . . . _____
      OMEGAMON II FOR CICS PROFILE . . . . _____ BLANK FOR DEFAULT
      USER PROFILE SUFFIX . . . . . _____ BLANK FOR DEFAULT
      LOGICAL ROWS . . . . . 255          99 - 9999
      ADDITIONAL USER DATA . . . . . _____
      LOGON PROFILE NAME . . . . . $DEFAULT +
      SESSION AUTOMATIC STARTUP . . . . . NO + YES/NO
      SESSION UPDATE INTERVAL . . . . . 60   15 - 9999 SECONDS
      COLLECTOR TIMEOUT INTERVAL . . . . . 90   (VARIABLE)
      SESSION AUTOMATIC RECONNECT . . . . . YES + YES/NO
      AUTOMATIC RECONNECT LIMIT . . . . . 0    0 - 99
      VTAM LOGMODE TABLE ENTRY NAME . . . . SNX32704

      F1=HELP F4=PROMPT **=BKWD F8=FWD F12=CANCEL

```

OMEGAMON CICS  
Region Profile

F1=HELP F2=KEYS F3=EXIT F5=REFRESH F10=ACTION BAR F14=FIN

# e3270UI Alerts

File Edit View Tools Navigate Help 01/06/2014 16:34:04  
 Command ==> KOBSTART Enterprise Summary Auto Update : Off  
 Plex ID : Sys ID :

**All Active Sysplexes**

Columns 2 to 6 of 9 Rows 1 to 1 of 1

◊Sysplex Name	ΔAverage ∇CPU Percent	Highest LPAR Name	ΔHighest ∇LPAR CPU%	ΔPercent LPAR ∇MSU Capacity	+LPAR Group Name
_ ESYSplex	30	ESYSMVS	30	29.4	N/A

**All Active CICSplexes** Alert on ANY Field

Columns 2 to 6 of 19 Rows 1 to 4 of 4

ΔCICSplex ∇Name	ΔNumber of ∇Regions	ΔTransaction ∇Rate	ΔCPU ∇Utilization	Any SOS Regions	SOS Region
- CICS DAX1	6	0/m	0.0%	No	n/a
- CICS PLX1	10	0/m	7.0%	No	n/a
- OMEG PLEX	8	8/m	0.0%	No	n/a
- RDZ	1	0/m	0.0%	No	n/a

**All Active DB2 Subsystems**

Columns 3 to 7 of 29 Rows 1 to 6 of 6

ΔDB2 ID	ΔMVS	Lock	Lock	Lock	Lock	+DDF
Monday January 06 2014						
						MOREV

MA A 01/002

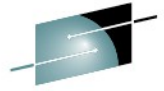
# e3270UI Threshold Specification



```
EDIT          CANDLET.XEGA.ESYSMVS.RKANPARU(DNET314) - 01.01  Columns 00001 00072
Command ==> _____ Scroll ==> CSR
***** Top of Data *****
000001 *****
000002 *
000003 * User member created for user DNET314
000004 * Modified - CICS Transaction Rate
000005 * Modified - Address Space Average CPU %
000006 *
000007 *****
000008 * TABLE      : KCPPLX
000009 *
000010 * PANEL ID: KCPPLXS - ENTERPRISE CICS PLEX SUMMARY
000011 * SUBPANEL: 1 - ALL ACTIVE CICS PLEXES
000012 *****
000013 IF ( OMCICS.KCPPLX.TRANRATE      GT 100/MIN
000014 )
000015 THEN DO
000016     STATUS ( CRITICAL 9 )
000017 ENDDO
000018 IF ( OMCICS.KCPPLX.TRANRATE      EQ 90/MIN<>100/MIN      OR
000019     OMCICS.KCPPLX.TRANRATE      EQ 10/MIN<>30/MIN
000020 )
000021 THEN DO
000022     STATUS ( WARNING 4 )
000023 ENDDO
000024 IF ( OMCICS.KCPPLX.NREGIONS      LT 10
000025 )
000026 THEN DO
000027     STATUS ( WARNING 4 )
000028 ENDDO
000029 *
000030 *****
```



# e3270UI User Profiles



SHARE  
Technology · Connections · Results

File Edit View Tools Navigate Help 01/06/2014 16:49:48  
 Auto Update : Off  
 Command ==> \_\_\_\_\_ Plex ID : \_\_\_\_\_  
 KOBPROFS Runtime Environment (Profiles) Sys ID : \_\_\_\_\_

☑ User Profiles in CANDLET.XEGA.ESYSMVS.UKOBDATF

← | → | ↑ | ↓ Rows 1 to 6 of 15

Name	Conc#	Size	Created	Changed	Time	ID
CUASITE	0	141	2010/06/24	2012/06/29	17:35:44	TMEADM
DDS1887	0	141	2013/09/03	2013/09/03	13:12:06	DDS1887
DDS1887X	0	152	2012/07/17	2013/02/19		
DIL01S	0	141	2013/12/03	2013/12/03		
DIL09S	0	141	2013/09/12	2013/09/12	12:27:14	DIL09S
DIL10S	0	141	2013/11/08	2013/11/08	12:47:04	DIL10S

☑ RKOBPROF: Runtime Profiles

← | → | ↑ | ↓ Rows 1 to 4 of 19

Name	Conc#	Size	Created	Changed	Time	ID
CUASITE	0	141	2010/06/24	2012/06/29	17:35:44	TMEADM
DDS1887	0	141	2013/09/03	2013/09/03	13:12:06	DDS1887
DDS1887X	0	152	2012/07/17	2013/02/19	12:17:19	DDS1887
DIL01S	0	141	2013/12/03	2013/12/03	01:19:08	DIL01S

RTE/JCL Workspaces Thresholds Profiles Exit

Monday January 06 2014

MA A 03/014

// Profile

Profile Libraries

# e3270UI User Thresholds



File Edit View Tools Navigate Help 02/20/2014 08:52:12  
 Auto Update : Off  
 Command ==> \_\_\_\_\_  
 KOBPARS Runtime Environment (Configuration) Plex ID : \_\_\_\_\_  
 Sys ID : \_\_\_\_\_

User Members in CANDLET.XEGA.DEMOMVS.RKANPARU

← | → | ↑ | ↓ Rows 1 to 6 of 1551

Name	Conc#	Size	Created	Changed	Time	ID
CXEGM2EZ	0					
CXEGOC	0					
DDS1887	0	68	2013/08/21	2013/08/21	05:53:30	DDS1887
DEM018	0	26	2011/11/17	2013/05/21	03:16:30	DEM018
DEM024	0	84	2013/05/21	2013/05/21	03:03:43	DEM024
DIL01SX	0	68	2013/08/21	2013/08/21	06:55:59	DDS1887

User Based Thresholds

: Runtime Configuration

← | → | ↑ | ↓ Rows 1 to 4 of 1748

Name	Conc#	Size	Created	Changed	Time	ID
CXEGM2EZ	0					
CXEGOC	0					
DDS1887	0	68	2013/08/21	2013/08/21	05:53:30	DDS1887
DEM018	0	26	2011/11/17	2013/05/21	03:16:30	DEM018

RTE/JCL Workspaces **Thresholds** Profiles Exit

Thursday February 20 2014



# e3270UI Situation Alerts



File Edit View Tools Navigate Help 02/18/2014 17:18:35

Command ==>

KOBSITEC\* ← **KOBSITEC**

ITM Situation Status & Message log

Auto Update : Off

Plex ID : \_\_\_\_\_

Region : \_\_\_\_\_

## Situation Event Status

Columns 3 to 6 of 8



Rows 1 to 12 of 69

ΔSTATUS ▽	ΔSITUATION NAME ▽	ΔMSN Event Source ▽	ΔHUB Event Time ▽	ΔAgent Event Time ▽	ΔDisplay ▽
_ Open	Sysplex_Workloads_PerfIdx_Warn	DEMOPLX:MVS:SYSPLEX	14/02/18 17:09:45	14/02/18 17:09:45	
_ Open	EW_DBCTL_UOW_Low	IMSA:MVSA:IMS	14/02/18 15:15:09	14/02/18 15:15:09	
_ Open	ESG_FTP_Logon_Error	TCPIP:MVSA	14/02/18 00:33:08	14/02/18 00:33:08	
_ Open	KRN_Cat_Hit_Pct_Warning	CXEGRN:MVSA:RN	14/02/18 00:18:08	14/02/18 00:18:08	CATALO
_ Open	N3T_FTPT_FileSysError	TCPIP:MVSA	14/02/17 20:48:09	14/02/17 20:48:09	
_ Open	N3T_FTFS_NetError	TCPIP:MVSA	14/02/17 20:46:08	14/02/17 20:46:08	
_ Open	N3T_Conn_Datagram_Rate	TCPIP:MVSA	14/02/16 23:03:08	14/02/16 23:03:08	
_ Open	OGW_DCODE1_MESSAGE	DEMOPLX:MVSA:AVAILABILITY	14/02/16 14:25:25	14/02/16 14:25:25	IEC999
_ Open	IMS_CPU_Low_Critical	IMST:MVSA:IMS	14/02/15 17:33:09	14/02/15 17:33:09	
_ Open	EG_Transactions_Queued	IMSA:MVSA:IMS	14/02/15 16:33:09	14/02/15 16:33:09	EPSI01
_ Open	IMS_PERFORMANCE	IMSA:MVSA:IMS	14/02/15 16:33:08	14/02/15 16:33:08	
_ Open	IMS_PERFORMANCE	IMSB:MVSA:IMS	14/02/15 16:33:08	14/02/15 16:33:08	

# e3270UI Situation Details



File Edit View Tools Navigate Help 02/18/2014 17:21:44

Command ==> KM5PLX0 Enterprise Sysplex Overview

Auto Update : Off  
Plex ID :  
SMF ID :

Summary

Columns 2 to 9 of 9      Rows 1 to 1 of 1

♦Sysplex Name	ΔAverage ∇CPU Percent	Highest LPAR Name	ΔHighest ∇LPAR CPU%	ΔPercent LPAR ∇MSU Capacity	LPAR Group Name	LPAR Group Capacity Limit	Group LPAR MSU Limit	ΔAverage Unused ∇Group MSUs
_ DEMOPLX	2	DEMOMVS	5	7.2	N/A	Unavailable	Unavailable	0

Exceptions

Columns 3 to 6 of 6      Rows 1 to 1 of 1

♦Sysplex Name	♦LPAR Name	ΔException ∇	Value	Waiting Tasks	Maximum Wait
_ DEMOPLX	DEMOMVS	Performance Index	2.00	-	-

# TEP Alert



MQSeries Events - ext3lnx.demos.ibm.com - Wayne Bucek

File Edit View Help

Navigator View: Physical

- MQSERIES
  - BWF0
  - BWF1
  - WMQA
  - WMQB

Message Log

Status	ID	Display Item	Origin Node	Global Timestamp	Local Timestamp
Open	Linux_Process_stopped	db2fm	ext3lnx:LZ	02/18/14 22:25:29	02/18/14 22:25:29
Open	MS_Offline		MVSE.WSPOT22Z	02/18/14 16:02:27	02/18/14 16:02:27
Open	MS_Offline		MVSE.WSPOT06Z	02/18/14 15:38:27	02/18/14 15:38:27
Open	ZIBM_STATIC139_DD02D19A09A44157		CXEGDSST:MVSE:STORAGE	02/16/14 04:10:29	02/16/14 04:10:29
Open	MS_Offline		MVSE.WSPOT02Z	02/15/14 16:26:27	02/15/14 16:26:27
Open	MS_Offline		MVSE.ODMPT01Z	02/15/14 16:26:27	02/15/14 16:26:27
Open	MS_Offline		CICWKS02::CICSplex	02/15/14 16:25:27	02/15/14 16:25:27
Open	MS_Offline		ext3lnx:Warehouse	02/12/14 05:25:35	02/12/14 05:25:35
Open	MS_Offline		ESYSPLX:MVSE:MVSSYS	02/11/14 22:25:29	02/11/14 22:25:29
Open	MS_Offline		TCPIP:MVSE	02/11/14 15:25:29	02/11/14 15:25:29
Open	MS_Offline		TCPIP:MVSE	02/11/14 14:40:29	02/11/14 14:40:29
Open	MS_Offline		WMQT:MVSE:MQESA	02/11/14 14:35:29	02/11/14 14:35:29
Open	MS_Offline		WMQA:MVSE:MQESA	02/11/14 14:35:29	02/11/14 14:35:29
Open	MS_Offline		WMQB:MVSE:MQESA	02/11/14 14:35:29	02/11/14 14:35:29
Open	MS_Offline		WMQT:MVSE:MQESA	02/11/14 14:35:28	02/11/14 14:35:28
Open	MS_Offline		AORS::CICSplex	02/11/14 14:34:27	02/11/14 14:34:27
Open	MS_Offline		CICWKS03::CICSplex	02/11/14 14:34:27	02/11/14 14:34:27
Open	POT_CICS_Workload_Missing		MVSE.CICSTIV1	02/11/14 14:33:28	02/11/14 14:33:28
Open	MS_Offline		IMS4:MVSE:IMS	02/11/14 14:33:27	02/11/14 14:33:27
Open	MS_Offline		IMS8:MVSE:IMS	02/11/14 14:33:27	02/11/14 14:33:27
Open	MS_Offline		IMS7:MVSE:IMS	02/11/14 14:33:27	02/11/14 14:33:27
Open	MS_Offline		IMS1:MVSE:IMS	02/11/14 14:33:27	02/11/14 14:33:27
Open	MS_Offline		IMS2:MVSE:IMS	02/11/14 14:33:27	02/11/14 14:33:27
Open	MS_Offline		IMS3:MVSE:IMS	02/11/14 14:33:27	02/11/14 14:33:27
Open	MS_Offline		IMS9:MVSE:IMS	02/11/14 14:33:27	02/11/14 14:33:27
Open	MS_Offline		IMS6:MVSE:IMS	02/11/14 14:33:27	02/11/14 14:33:27

**Critical**  
 MQSeries\_MQ\_Channel\_Stopped WMQT:MVSE:MQESA 02/11/14 14:35:29

KFWITM101I Select workspace link button to view situation event results.

MQSeries Events

Event Date & Time	Event	Event QMgr Name	Event Host Name	Resource Name
02/10/14 14:34:29	<b>Channel Stopped</b>	WMQT	MVSE	WMQT.WMQB

WMQT:MVSE:MQESA

Hub Time: Tue, 02/18/2014 10:31 PM Server Available MQSeries Events - ext3lnx.demos.ibm.com - Wayne Bucek



# Situation Definition



MQSeries Events - ext3lnx.demos.ibm.com - Wayne Bucek

File Edit View Help

Navigator View: Physical

- MQSERIES
  - BWF0
  - BWF1
  - WMQA
  - WMQB
  - WMQT
    - Application Debugging
    - Application Statistics
    - Buffer Pool Statistics
    - Channel Definitions
    - Channel Initiator Status
    - Channel Performance
    - Cluster Queue Manager
    - Dead-Letter Queue Messages
    - Log Manager Performance
    - Message Manager Performance
    - Topic Manager Performance
    - MQSeries Events**
    - Page Set Statistics
    - Queue Definitions
    - Queue Manager Status
    - Queue Statistics
    - Publish Subscribe
- MVS Operating System

Physical

MQSeries Events

Event Date & Time	Event	Event QMgr Name	Event Host Name	Resource Name
02/10/14 14:34:29	<b>Channel Stopped</b>	WMQT	MVSE	WMQT.WMQB

Message Log

Status	ID	Display Item	Origin Node	Global Timestamp	Local Timestamp	Node	Type
Open	MS_Offline		MVSE.WSPOT22Z	02/18/14 16:02:27	02/18/14 16:02:27	ESYSMVS.CMS	Sampled
Open	MS_Offline		MVSE.WSPOT06Z	02/18/14 15:38:27	02/18/14 15:38:27	ESYSMVS.CMS	Sampled
Open	ZIBM_STATIC139_DD02D19A09A44157		CXEGDSS: MVSE: STORAGE	02/16/14 04:10:29	02/16/14 04:10:29	ESYSMVS.CMS	Sampled
Open	MS_Offline		MVSE.WSPOT02Z	02/15/14 16:26:27	02/15/14 16:26:27	ESYSMVS.CMS	Sampled
Open	MS_Offline		MVSE.ODMPT01Z	02/15/14 16:26:27	02/15/14 16:26:27	ESYSMVS.CMS	Sampled
Open	MS_Offline		CICWKS02:CICSplex	02/15/14 16:25:27	02/15/14 16:25:27	ESYSMVS.CMS	Sampled
Open	KHD_Error_Critical	CTX_JDBCErr	ext3lnx:Warehouse	02/12/14 05:25:35	02/12/14 05:25:35	ESYSMVS.CMS	Pure
Open	KM5_High_Severity_Check		ESYSPLEX: MVSE: MVSSYS	02/11/14 22:25:29	02/11/14 22:25:29	ESYSMVS.CMS	Sampled
Open	Backlog_Rejections		TCPIP: MVSE	02/11/14 15:25:29	02/11/14 15:25:29	ESYSMVS.CMS	Sampled
Open	Connection_DataBackup		TCPIP: MVSE	02/11/14 14:40:29	02/11/14 14:40:29	ESYSMVS.CMS	Sampled
Open	MQSeries_MQ_Channel_Stopped		WMQT: MVSE: MQESA	02/11/14 14:35:29	02/11/14 14:35:29	ESYSMVS.CMS	Sampled

Situations for - MQSeries Events

Formula

Name: MQSeries\_MQ\_Channel\_Stopped

Description: MQ Channel stopped because of error

Formula editor

Event	Event Qualifier
1 == Channel Stopped	!= Channel Stopped OK
2	
3	

Situation Formula Capacity: 11%

Sampling interval: 0 / 0 : 5 : 0

Sound:  Enable critical.wav

State: **Critical**

Run at startup

OK Cancel Apply Group... Help

MQSeries\_MQ\_Channel\_Stopped

Hub Time: Tue, 02/18/2014 10:14 PM Server Available MQSeries Events - ext3lnx.demos.ibm.com - Wayne Bucek



# TEP Workspace Thresholds



MQSERIES - instant-Z-POC - SYSADMIN

File Edit View Help

Navigator View: Physical

- Windows Systems
  - INSTANT-Z-POC
    - WINDEVSVR
      - MQSERIES - BROKER4
        - QI Agent
        - Universal Agent
        - Windows OS
  - Z/OS Systems
    - PLEXCF:MVS:SYSPLEX
      - Coupling Facility Policy Data for Sysplex
      - Coupling Facility Structures Data for Sysplex
      - Coupling Facility Systems Data for Sysplex
      - Global Enqueue Data for Sysplex
      - GRS Ring Systems Data for Sysplex
      - Report Classes Data for Sysplex
      - Resource Groups Data for Sysplex
      - Service Classes Data for Sysplex
      - Service Definition Data for Sysplex
      - Shared DASD Groups Data For Sysplex
      - XCF Groups Data for Sysplex
      - XCF Paths Data for Sysplex
      - XCF Systems Data for Sysplex
    - IPO1
      - CICS
      - DB2
      - IMS
      - Mainframe Networks
        - MQSERIES
          - M60A:IPO1:MQESA
            - Application Debugging
            - Application Statistics
            - Buffer Pool Statistics
            - Channel Definitions
            - Channel Initiator Status
            - Channel Performance
            - Cluster Queue Manager
            - Dead-Letter Queue Messages
            - Log Manager Performance

Queue Summary

Channel Summary

Queue Manager Status

QMgr Name	Host Name	QMgr Subsys	Host Jobname	Start Date & Time	QMgr Status	QMgr Type	DLQ Depth	DLQ Maximum	Monitored Queues	Local Queues	Remote Queues	Alias Queues	Transmit Queues	Predefined Queues	Dynamic Perm Qs	Dynamic Temp Qs	Open Queues	# Qs With High Depth	% Qs With High Depth
M60A	IPO1	M60A	M60AMSTR	10/03/11 15:44:37	Active	MVS	0	999999999	37	32	2	3	5	32	0	0	13	0	0.0
M60B	IPO1	M60B	M60BMSTR	10/03/11 15:44:45	Active	MVS	8	999999999	55	44	6	2	4	44	0	0	12	0	0.0
M60E	IPO1			n/a	Inactive	MVS	0	0	0	0	0	0	0	0	0	0	0	0	0.0



# TEP Thresholds and Alerts

MQSeries Events - ext3lnx.demos.ibm.com - Wayne Bucek

File Edit View Help

Navigator View: Physical

- MQSERIES
  - BWF0
  - BWF1
  - WMQA
  - WMQB
  - WMQT
    - Application Debugging
    - Application Statistics
    - Buffer Pool Statistics
    - Channel Definitions
    - Channel Initiator Status
    - Channel Performance
    - Cluster Queue Manager
    - Dead-Letter Queue Messages
    - Log Manager Performance
    - Message Manager Performance
    - Topic Manager Performance
    - MQSeries Events**
    - Page Set Statistics
    - Queue Definitions
    - Queue Manager Status
    - Queue Statistics
    - Publish Subscribe
- MVS Operating System

Message Log

Properties - MQSeries Events

Preview

Event Date & Time	Event	Event QMgr Name	Event Host Name	Resource Name
02/10/14 14:34:29	<b>Channel Stopped</b>	WMQT	MVSE	WMQT.WMQB

WMQT.MVSE.MQESA

Query Filters **Thresholds** Style

Thresholds

	Use Icons	Event	Event Date & Time	Event QMgr Name	Event Host Name	Resource Name	Internal EventID	Repor Qmgr N
1	<input type="checkbox"/>	<b>Critical</b>						
2	<input type="checkbox"/>	<b>Critical</b>						
3	<input type="checkbox"/>	<b>Warning</b>						
4	<input type="checkbox"/>	<b>Warning</b>						

OK Cancel Apply Test Help

MQSeries Events

Event Date & Time	Event	Event QMgr Name	Event Host Name	Resource Name
02/10/14 14:34:29	<b>Channel Stopped</b>	WMQT	MVSE	WMQT.WMQB

# Summary



- Multiple user interfaces
  - User preference
  - Organizational mandate
- Synchronization of Alerts
  - Coordinate alerting across UI's
  - Eliminate confusion caused by conflicting alerts
- Monitoring Profiles
  - Contain threshold values
  - Installation
  - Individual user