



Session #14901 OMEGAMON V5 Enhanced 3270ui Hands-on Lab

Ed Woods, Wayne Bucek, Lih Wang
IBM Corporation

March 10, 2014
1:30 p.m. – 2:30 p.m.
Platinum Ballroom Salon 7





OMEGAMON Evolution – Starting 1976

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      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
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+
=====
  
```

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	Files	OK	ICP/IP	Idle
UOWs	OK	Journals	OK	TempStor	OK
		LRP	OK	TempData	OK
		YDF	OK	YDF	OK

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	Bind Stats	
All Connections		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	WTORs	OK
TSO Host	OK	Paging	OK	DLTEP	OK
Perl 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

Widget Company Inc

- On-Line Ordering System
- Back-end Mainframe CICS Online
- Back-end Mainframe Customer Database
- End-User Response Time
- MQSeries Connectivity Network
- Web Server
- WebSphere Application Server
- Stock Order System

Physical 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

WebSphere Application Server

- Operating System
- JDBC
- Connectors
- JMS
- Servlets JSPs
- Enterprise Beans

Web Server

DB2 UDB

CICS

OS390

DB2

WebSphere MQ

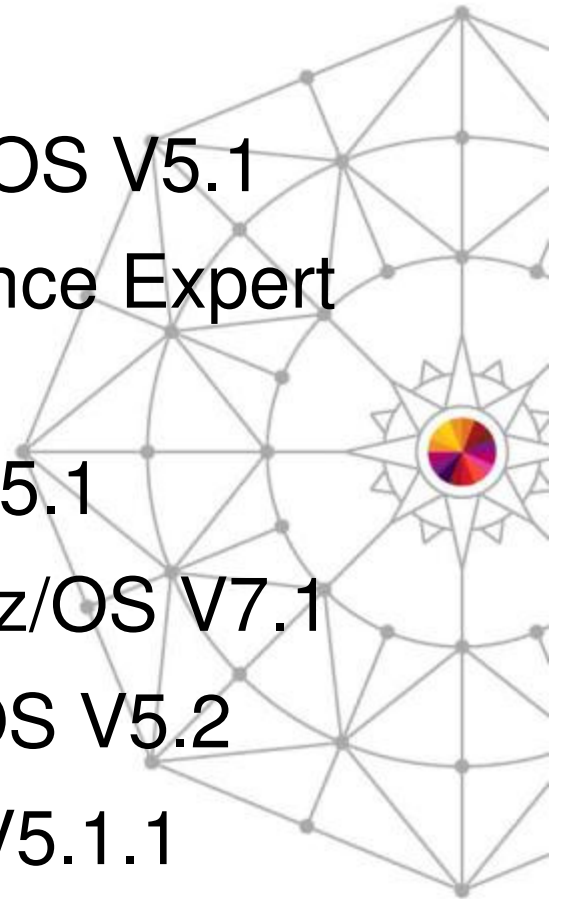
UNIX

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



OMEGAMON V5 Enhanced 3270 since 2012

- OMEGAMON XE on z/OS V5.1
- OMEGAMON XE for CICS TS on z/OS V5.1
- OMEGAMON XE for DB2 Performance Expert on z/OS V5.2
- OMEGAMON XE for IMS on z/OS V5.1
- OMEGAMON XE for Messaging on z/OS V7.1
- OMEGAMON XE for Storage on z/OS V5.2
- OMEGAMON XE for MF Networks V5.1.1
- OMEGAMON Dashboard Edition V5.1



Enterprise View - Sysplex, CICSplex and DB2plex

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

Command ==>
 KOBSTART Enterprise Summary

All Active Sysplexes

ΔSysplex Name	ΔAverage VCPU Percent	Highest LPAR Name	ΔHighest VLPAR CPU%	ΔPercent VMSU Capacity
ESYSPLEX	14	ESYSMVS	26	26

All Active CICSplexes

ΔCICSplex VName	ΔNumber of VRegions	ΔTransaction VRate	ΔCPU VUtilization	Res SOS	SOS
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	n/a

All Active DB2 Subsystems

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

z/OS-wide sysplex view

CICSplex details views

DB2plex details views

IBM OMEGAMON Hands-on Lab



Enterprise Summary

All Active Sysplexes

Sysplex Name	Average VCPU Percent	Highest LPAR Name	Highest LPAR CPU%	Percent LPAR VMU Capacity	LPAR Name	Group
ESYSMPLEX	14	ESYSMVS	26	26.5	N/A	

All Active CICSplexes

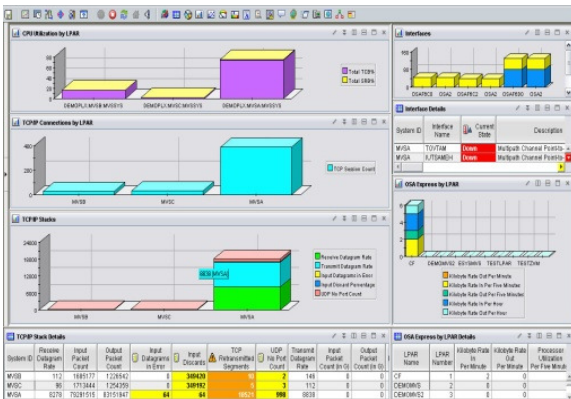
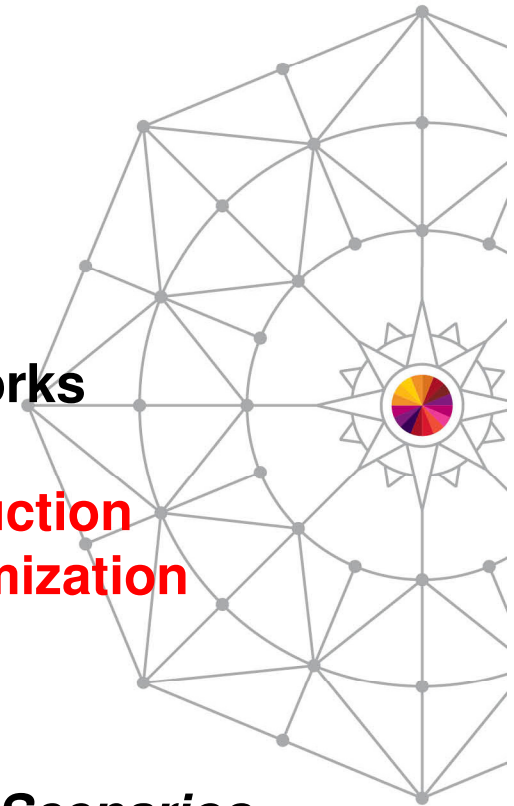
CICSplex VName	Number of VRegions	Transaction VRate	VCPU Utilization	Any SOS Regions	SOS Region
CICSACB9	1	0/n	0.0%	No	n/a
CICSAPM1	6	0/n	0.0%	No	n/a
CICSPLX1	9	0/n	0.0%	No	n/a
CICMKS38	1	0/n	0.0%	No	n/a
OMEGPLEX	8	0/n	0.0%	No	n/a

All Active DB2 Subsystems

ADB2 ID	AMVS VSystem ID	Lock Conflict	Lock Escalation	Lock Escalation	Lock Escalation	DDF Rate
DSNT	MVSE	0	0	0	0.00	
DSNC	MVSE	0	0	0	0.00	
DSNB	MVSE	0	105	0	-0.43	
DSNA	MVSE	0	0	0	0.00	
DB15	MVSE	0	30	0	0.21	
DB11	MVSE	0	0	0	0.00	
DB10	MVSE	0	0	0	0.00	

Enhanced 3270

- OMEGAMON Enhanced 3270 User Interface
- OMEGAMON z/OS
- OMEGAMON CICS
- OMEGAMON DB2
- OMEGAMON IMS
- OMEGAMON MQ
- OMEGAMON Storage
- OMEGAMON Mainframe Networks



- Tivoli Enterprise Portal Introduction
- Tivoli Enterprise Portal Customization

**12 Labs – Top Problem Solving Scenarios
20-30 minutes each, Self-paced**

Tivoli Enterprise Portal



Getting Started

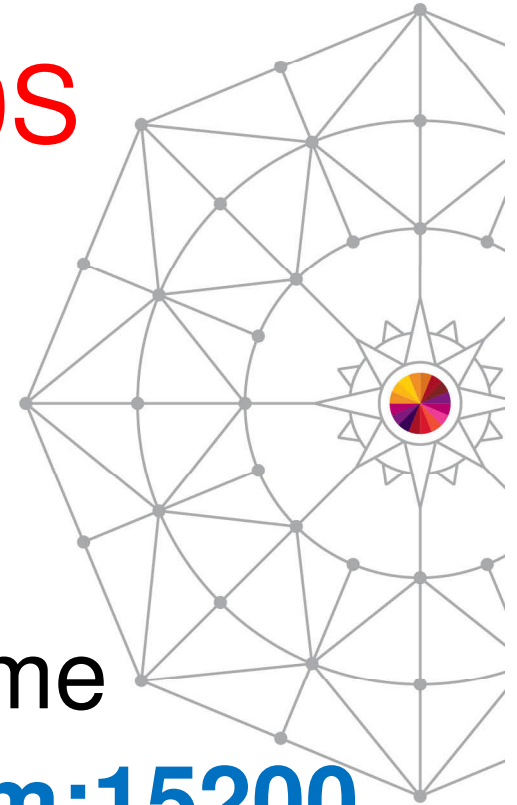


PCOMM session

- User ID - **DIL11S – DIL30S**
- Password -
- “ENTER” via the “Ctrl” Key

TEP Access via Google Chrome

<http://ext3lnx.demos.ibm.com:15200>



***Tuesday Session #14770
@6:00 p.m.***

**OMEGAMON Advanced Topics:
User Interface Customization and
Tivoli Enterprise Portal
Hands-on Lab**

Platinum Ballroom Salon 7

