OMEGAMON XE
Recent Enhancements And Exploiting New Capabilities

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Tivoli software

Agenda

- Introduction

- OMEGAMON XE V4.1 Level Set

- New OMEGAMON monitoring solutions
  - ▸ IBM Tivoli OMEGAMON XE for z/VM and Linux v4.1.0
  - ▸ IBM Tivoli OMEGAMON XE for CICS TG on z/OS v4.1.0

- Enhancements to OMEGAMON since V4.1 GA

- Introduction to ITM 6.2

- New capabilities
  - ▸ Tivoli Common Reporter
  - ▸ OPAL

- Information
  - ▸ Examples of Tivoli RSS feeds
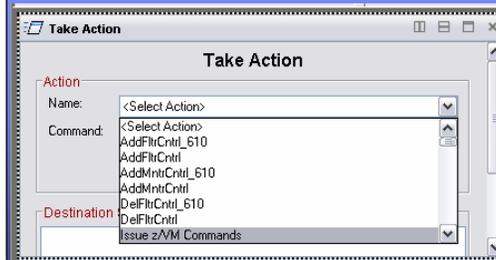
Visibility – Control - Automation
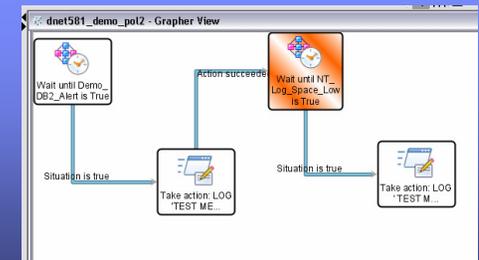
Visibility

Observe & isolate critical issues
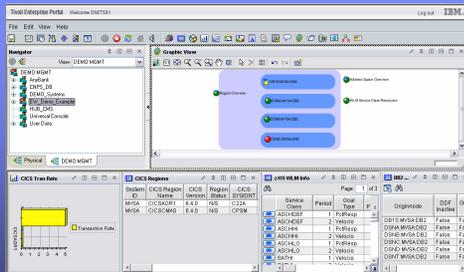
Control

Correct performance & availability issues

Automation

Correct issues at machine speed

IBM And The Tivoli Enterprise Portal
End to End Performance And Availability Management
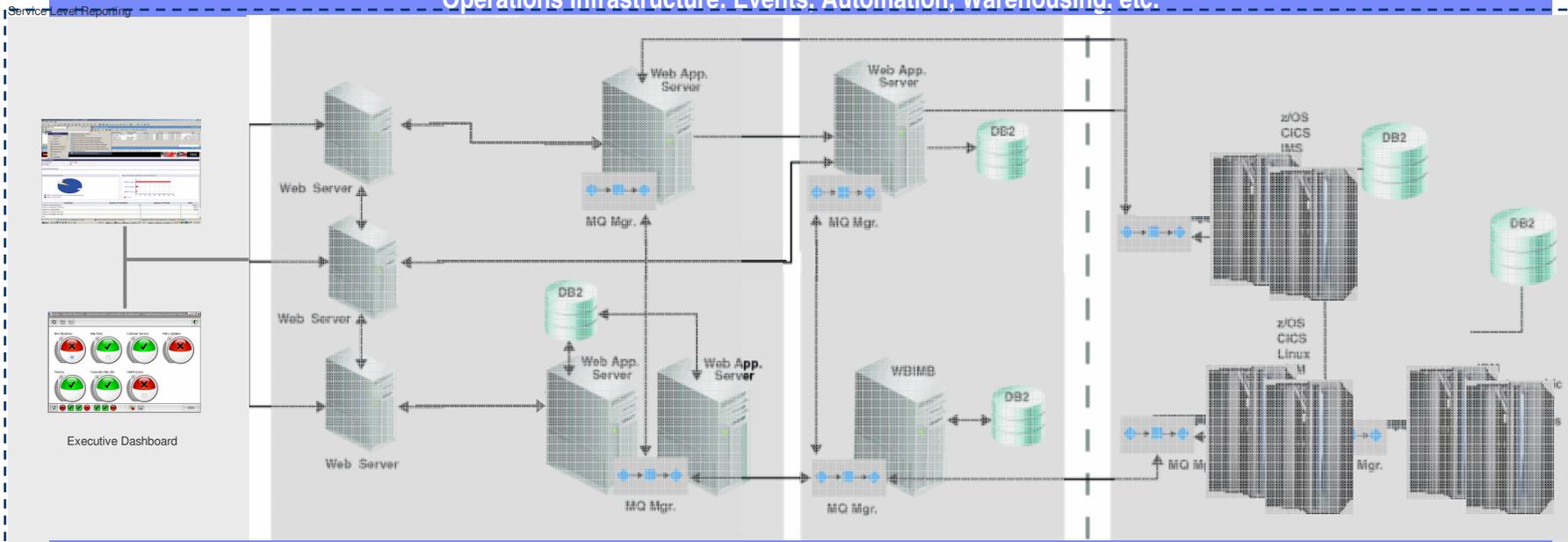
| Business Service Management | SOA Management | Composite Application Management | Network Management | Systems Management |

Operations Infrastructure: Events, Automation, Warehousing, etc.

Service Level Reporting

Executive Dashboard

Web Server

Web Server

Web Server

Web App. Server

Web App. Server

Web App. Server

Web App. Server

Web App. Server

DB2

MQ Mgr.

MQ Mgr.

MQ Mgr.

WBIMB

DB2

MQ Mgr.

z/OS CICS IMS

z/OS CICS Linux

DB2

DB2

DB2

MQ Mgr.

MQ Mgr.

Operations Infrastructure: Events, Automation, Warehousing, etc.

| Asset Management | Storage Management | Workload Management | Security Management | Usage & Accounting Management |

OMEGAMON XE Monitoring Solutions

IBM Tivoli OMEGAMON DE on z/OS v4.1.0

IBM Tivoli OMEGAMON XE on z/OS v4.1.0

IBM Tivoli OMEGAMON XE for CICS on z/OS v4.1.0

IBM Tivoli OMEGAMON XE for IMS on z/OS v4.1.0

IBM Tivoli OMEGAMON XE for DB2 Performance Expert on z/OS v4.1.0

IBM Tivoli OMEGAMON XE for DB2 Performance Monitor on z/OS v4.1.0

IBM Tivoli OMEGAMON XE for Mainframe Networks v4.1.0

IBM Tivoli OMEGAMON XE for Storage on z/OS v4.1.0

IBM Tivoli OMEGAMON XE for Messaging on z/OS v6.0.1

IBM Tivoli OMEGAMON XE for z/VM and Linux v4.1.0

IBM Tivoli OMEGAMON XE for CICS TG on z/OS v4.1.0

IBM OMEGAMON z/OS Management Console v4.1.0

OMEGAMON XE monitoring solutions address the key performance and availability management requirements for z/OS

Integration via the Tivoli Enterprise Portal (TEP) with a wide array of Tivoli solutions

The TEP With OMEGAMON Dashboard Edition Enables Integrated End-To-End Views

Customizable graphic overview
User-definable drill downs for detail
Combine information from multiple sources

OMEGAMON XE V4.1
Major New Common OMEGAMON Capabilities

- **Enhanced integration via Dynamic Workspace Linking**
  - Intelligently link to other workspaces to reduce problem resolution time
  - Enclave DB2 and z/OS transplex, DWL between OMEGAMON XEs, NetView on z/OS, and z/OS Management Console (zMC)

- **zIIP monitoring support added to OMEGAMON XE on z/OS and OMEGAMON XE for DB2 PE/PM**
  - zIIP address spaces, service classes, LPAR data, DDF server thread data, workloads eligible for zIIP that are running on standard CPUs

- **Exploitation of Tivoli Data Warehouse (TDW) with support for Pruning and Summarization**
  - Automatic deletion of data and consolidated reporting by groups, dates, etc.

- **Support for Agent Versioning added**

- **Support for ITM 6.x infrastructure**

- **Enhanced support for policy automation**

OMEGAMON XE
Version 4.1 In Review

- OMEGAMON XE on z/OS v4.1.0
  - ▶ zIIP processor usage and reporting
  - ▶ TEP Enhancements
    - I/O rate by address space, Real Storage information from CUA, Tape drive situation support
  - ▶ z/OS Exploitation - CF structure duplexing reporting and Plex wide zAAP support
  - ▶ Merging of OM XE for USS into OM XE on z/OS

- OMEGAMON XE for CICS on z/OS v4.1.0
  - ▶ New Displays To Exploit CICS TS 3.1 Functionality
    - Business Transaction Services (BTS) Analysis, Enqueue Analysis, Enterprise Java Analysis, Exit Program Analysis, Recovery Manager Analysis, URIMAP Analysis, Web Services Analysis, Work Request Analysis
  - ▶ CUA Migration to XE – SLA and ATF
  - ▶ Integration with CICS PA

OMEGAMON XE
Version 4.1 In Review - Continued

- **OMEGAMON XE for IMS on z/OS v4.1.0**

  ▶ TRF reporting capability has increased precision expanding transactions to the millisecond

  ▶ DL/I call reporting

  ▶ TEP Enhancement - Region occupancy %s added to Dependent Region statistics

  ▶ HALDB support – DB summaries, partition details, VSAM / OSAM statistics.

  ▶ DBCTL detailed thread reporting

  ▶ Enhanced IMS Connect monitoring – requires IMS Connect Extensions

- **OMEGAMON XE for DB2 PM/PE on z/OS v4.1.0**

  ▶ DB2 Version 9 support

  ▶ Support for zIIP processor usage

  ▶ Integration with SQL PA from OMEGAMON Classic

  ▶ ATF: Allow extended collection time and externalize FLUSH parameter

  ▶ Enhanced Thread Overview

  ▶ IFCID 225 (DBM1 Virtual Storage) in Classic end user interface

  ▶ Usability improvements in OMEGAMON Classic – Tab key usage on selected panels

OMEGAMON XE
Version 4.1 In Review - Continued

- **OMEGAMON XE for Storage on z/OS v4.1.0**
  - ▶ Add capability to quickly create or schedule commands to administer DASD
  - ▶ Top ten volume reports and new problem solving workspaces
  - ▶ New dataset attribute database allows versatile and granular reporting

- **OMEGAMON XE for Mainframe Networks on z/OS v4.1.0**
  - ▶ New VTAM buffer pool and address space workspaces and SNA information
  - ▶ Enhanced FTP information and Enterprise Extender (EE) reporting
  - ▶ TN3270 server session workspaces
  - ▶ Improved historical reporting

- **OMEGAMON XE for Messaging v6.0.1**
  - ▶ On-demand data collection mode for several channel and queue status workspaces
  - ▶ Expanded platform support
  - ▶ Ability to browse DLQ messages that are not on the dead-letter queue and the ability to forward messages from one queue to another
  - ▶ New and enhanced workspaces, and DWL links to OMEGAMON XE for CICS
  - ▶ Monitoring remote queue manager running on a platform not supported by OM XE for Messaging

OMEGAMON XE on z/VM and Linux
A New Solution targeted for z/VM and Linux on System z

- Single solution for managing VM and Linux on System z

- Reflects most common implementation in marketplace

- Leverages value of z/VM Performance Toolkit

Provides workspaces that display:

- Overall System Health

- Workload metrics for logged-in users

- Individual device metrics

- LPAR Data

- Composite views of Linux running on z/VM
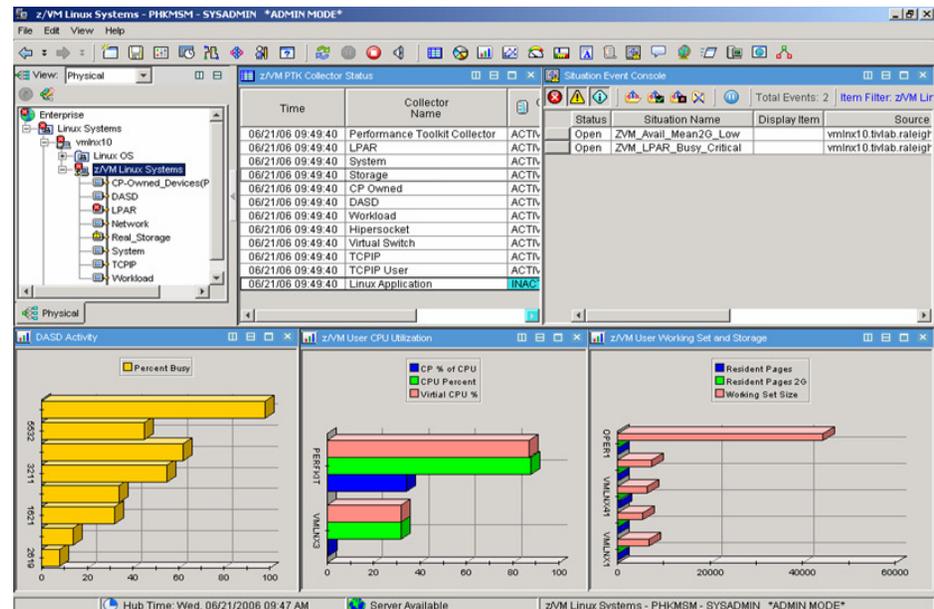
V4.1 Added Dynamic Workspace Linking Functionality To The z/OS Monitoring Solutions

Problem: **How do I quickly find a potential problem that requires multiple monitoring products?**

Scenario: **Dynamically link *IN CONTEXT* between various monitoring technologies**

Solution: **Dynamic Workspace Linking Product provided links & user customized links**
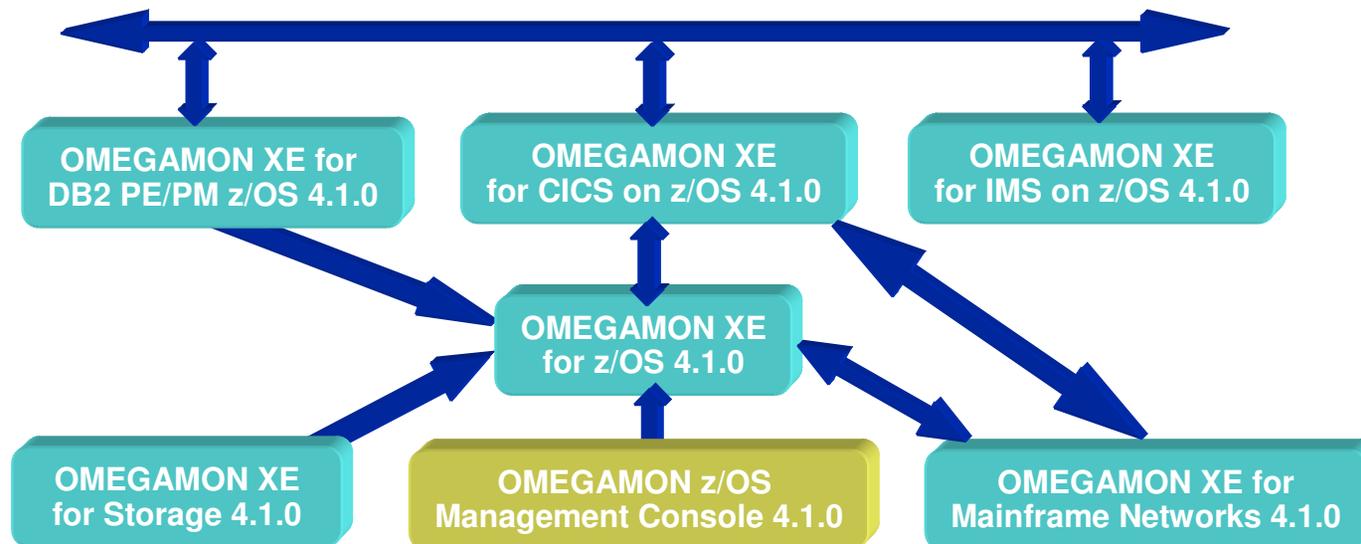
Examples
Product Provided Dynamic Workspace Links With V4.1

- **OMEGAMON XE On z/OS**
  - ▶ TN3270 Server Sessions, Applications, TCP Listeners, TCP Listeners, Applications

- **OMEGAMON XE For CICS**
  - ▶ Temporary Storage Queues, Log Stream Analysis, Transaction Analysis, Transaction Analysis, DB2 Summary, DBCTL Summary, TCPIP Statistics, Message Queuing Analysis

- **OMEGAMON XE For IMS**
  - ▶ IMS Dependent Regions, IMS Dependent Regions, IMS DBCTL Thread Details, Global Lock Conflicts

- **OMEGAMON XE For DB2 PM/PE**
  - ▶ Enclave Thread Summary, Thread Enclave, IMS Thread Summary, Thread Detail, Detailed Thread Exception, CICS Thread Summary, Thread Detail, Detailed Thread Exception

- **OMEGAMON XE For z/VM and Linux**
  - ▶ Linux Workload and ApplData

What's Happened Since OMEGAMON V4.1 Was Released?

- New OMEGAMON solutions
  - ▶ OMEGAMON XE For CICS TG V4.1

- Enhancements to the OMEGAMON suite
  - ▶ Enhancements to classic 320 interface
  - ▶ Enhancements to Tivoli Enterprise Portal

- Support for ITM 6.2
  - ▶ Exciting new TEP capabilities

- Additional new capabilities
  - ▶ OPAL – downloadable tools and solutions
  - ▶ Tivoli Common Reporter

- Powerful support capabilities
  - ▶ RSS feeds

OMEGAMON XE for CICS Transaction Gateway v4.1.0 A New OMEGAMON Solution!

- Automatically discover all active CICS Transaction Gateway regions, identified by their job names

- Provides a quick and easy way to monitor and manage CICS Transaction Gateway on z/OS

- Quickly identify the CTG transaction and associated CICS TS server

- CTG workload and resource utilization views

- Provides comprehensive CTG environment monitoring to ensure critical workload is available and running efficiently
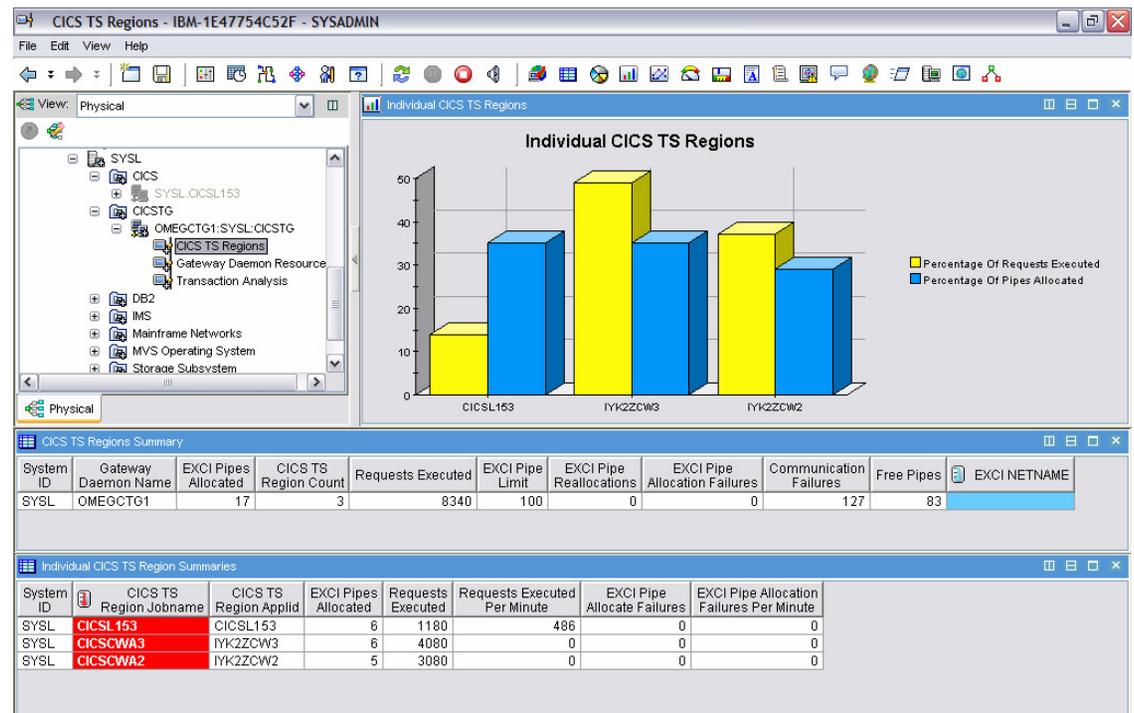
OMEGAMON XE on z/OS v4.1.0 Enhancements

- Support for z/OS V1.9

- OMEGAMON 3270 Classic enhancement for Work Load Manager (WLM) support

- OMEGAMON 3270 Classic enhancements in the area of CPU information for four hour MSU/capping and enclaves support

- z10 HiperDispatch support

Continued enhancement and support of classic/3270 interface

WLM Classic Command

```
                   ZWLM      VTM      OM/DEX   V550./C SYS  09/10/07 15:38:44
> Help PF1          Back PF3           Up PF7        Down PF8          Zoom PF11
===============================================================================
>              WORK LOAD MANAGER OVERVIEW

> WLM and its minor commands, SDPD and SRVC display Work Load Manager
> policy installation information and current performance metrics.

> To view more detailed data for a service class place the cursor on a
> service class name under the srvc minor command and press PF11.

 WLM   >> Service Definition : prod      Service Policy : FEB0502
 sdpd
+
+Service Definition : prod
+Description        : Production Goal Mode
+Installed          : 09/09/07 at 23:35:51 by CMACN3   on SYSL
+
+Service Policy     : FEB0502
+Description        : TSO, STC, STCCMS ch
+Installed          : 09/09/07 at 23:36:0
 srvc
+
+Service           Goal        Perf
```

```
                    ZSRVC1    VTM      OM/DEX   V550./C SYS  09/10/07 15:50:07
> Help PF1          Back PF3           Up PF7        Down PF8
===============================================================================
>         WORK LOAD MANAGER PERFORMANCE DATA FOR SERVICE CLASS PERIOD

> WLM and its minor command, srvc display Work Load Manager performance data
> for the selected service class period.

 WLM   >> Service Definition : prod      Service Policy : FEB0502

1srvc   BATCH
+
+Workload Name        : BATCH      Description : Batch Jobs
+Service Class  name  : BATCH      Description : Batch Jobs
+Service Class  period : 1         Performance index : 0.00
+Importance           : 3 (Medium)
+Goal Type            : Velocity > 30%
+Duration             : 700 (Service Units)
+Actual               : 0
+Average Response Time : 0
+CPU %                : 0.00
+IFA %                : 0.00
+IFA on CP %          : 0.00
+zIIP %               : 0.00
```

OMEGAMON XE for CICS v4.1.0 Enhancements

- **Support for CICS TS V3.2 and z/OS V1.9**
  - ▸ 64 bit support in Classic
  - ▸ INQUIRE WORKREQUEST information
  - ▸ INQUIRE DOCTEMPLATE information ; li.PIPELINE information
  - ▸ WEBSERVICE information

- **Classic enhancements to display current storage for a single instance of an executing transaction**

- **File enqueue analysis enhancements**

- **Dynamic Workspace Linking (DWL) to support new MQ workspace**

IBM.

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We

Software > Tivoli > Products >

OMEGAMON XE for CICS on z/OS enhancements for CICS TS 3.2

Support & downloads

IBM Tivoli OMEGAMON XE for CICS on z/OS

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Fix readme

Abstract
Enhancements for CICS TS 3.2, multi-row purge in TEP, and extended clock precision:

Content
The attached document provides descriptions of the enhancements that were provided with the APARs OA23332 (PTF UA38460) and OA23335 (PTF UA38461 and Fix Pack 4.1.0-TIV-KC5-FP0002).

InterimFeatureCICS32.pdf

Product Alias/Synonym
KC5

Document information

Product categories:
Software
Systems and Asset Management
Systems Performance

IBM Tivoli OMEGAMON XE for CICS on z/OS

Operating system(s):
z/OS

Software version:
4.1.0

Software edition:
All Editions

Reference #:
1290833

OMEGAMON XE for IMS v4.1.0 Enhancements

- **Support for IMS V10 and z/OS V1.9**

- **Enhance TRF to report on IMS Control Region Overhead CPU time**

- **HALDB lock display enhancements**

- **OTMA monitoring enhancements**

OMEGAMON XE For IMS V4.1
OTMA Redesign

- Simplified configuration

- Support multiple IMS systems within the same XCF group on the same LPAR.

- New OTMA data collector obtains data from IMS control blocks instead of issuing IMS display commands and parsing the output.

- Support provided for OTMA super member and flood control enhancements

- New product-provided situations to monitor percentage of TIBs in use, TPIPE output queue count exceeds a threshold, TPIPE stopped, and TPIPE waiting on ACK or NAK.
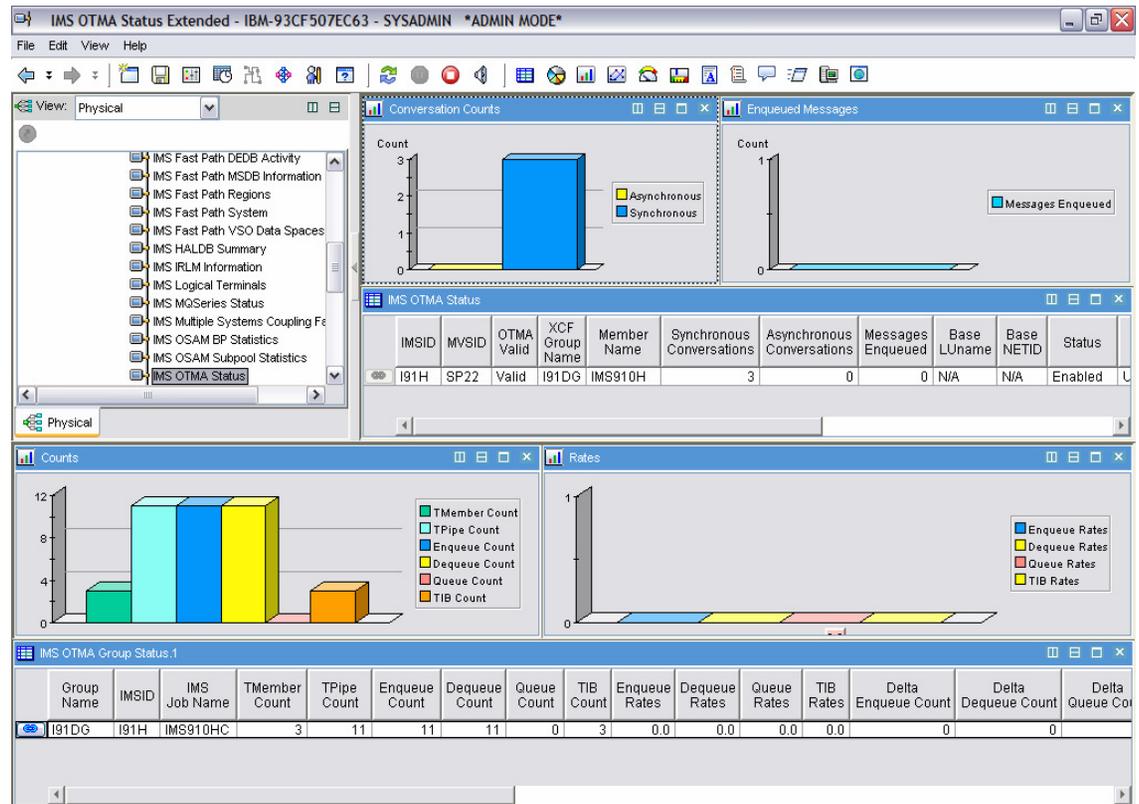
OMEGAMON XE for DB2 PM/PE V4.1.0 Enhancements

- Improved navigation and other key usability enhancements

- Improved scalability

- Enhanced support for SAP and other distributed applications in OMEGAMON Near Term History

- Continued cross-OMEGAMON integration via DWL

- New DB2 Messages workspace for DB2 message management

OMEGAMON XE For DB2 PM/PE
DB2 Messages Workspace

A new navigator item for DB2 messages.

Identify DB2 problems such as utility issues, Deadlocks, Timeout.

Create situation alerts using these messages.

OMEGAMON XE for Mainframe Networks V4.1.0 Enhancements

- **Monitor effectiveness of IP filters and the performance of IPSec tunnels for the TCP/IP stacks on a z/OS system**

- **Identify potential network attacks or configuration problems with IP filters and IPSec security associations**

- **For NetView for z/OS V5.3 customers - new DVIPA workspaces also included in the TEP**

OMEGAMON XE For Mainframe Networks
IP Security Workspaces

New workspaces added to monitor and manage IPSec performance
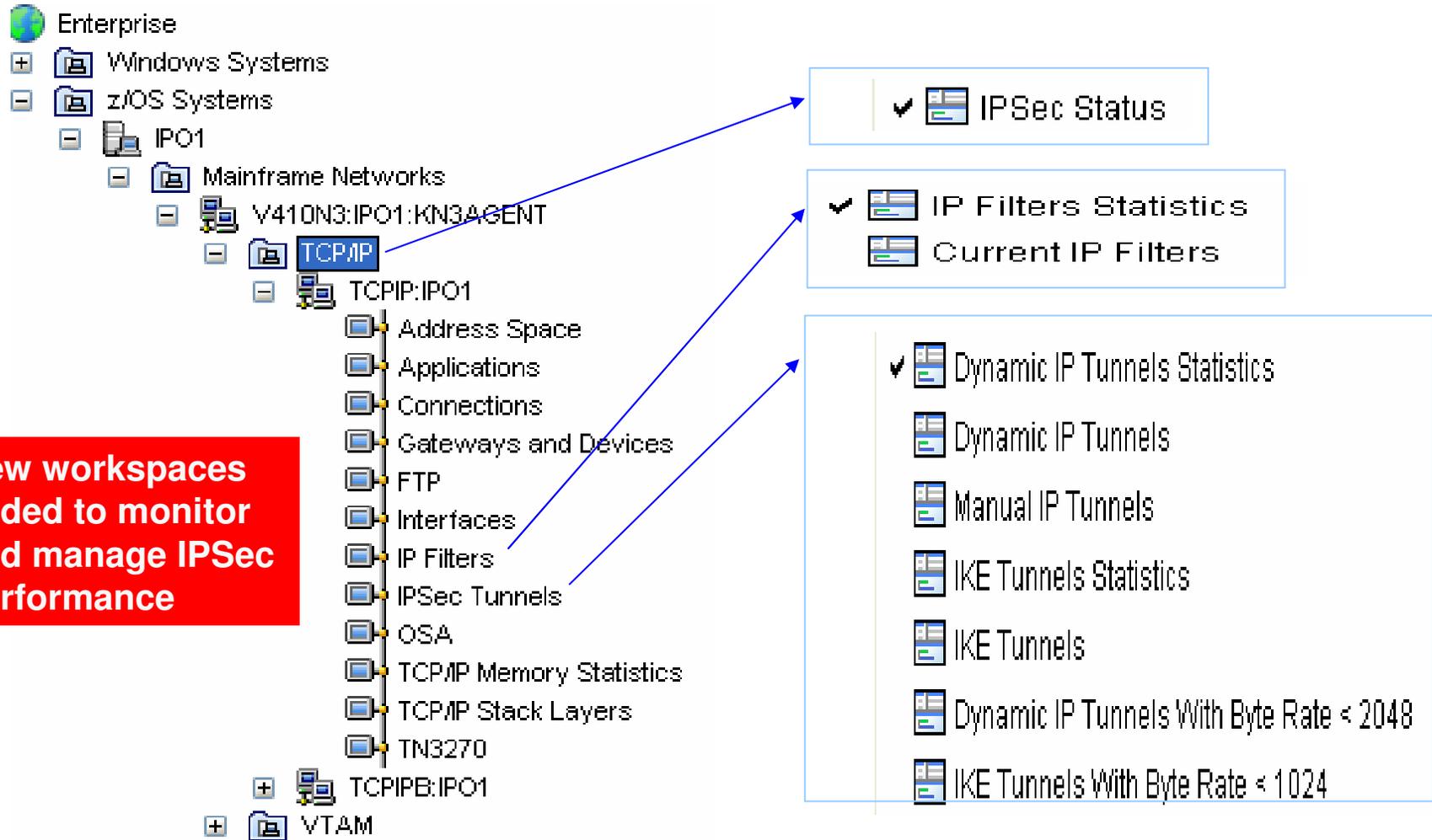
OMEGAMON XE for Storage V4.1 Enhancements

- Provide Dynamic Workspace Link (DWL) from the cross system volume report to data set level performance view, allowing users to quickly diagnose a problems

- Provide an DFSMShsm cancel command for active tasks, assisting in the daily storage administration function becoming easier
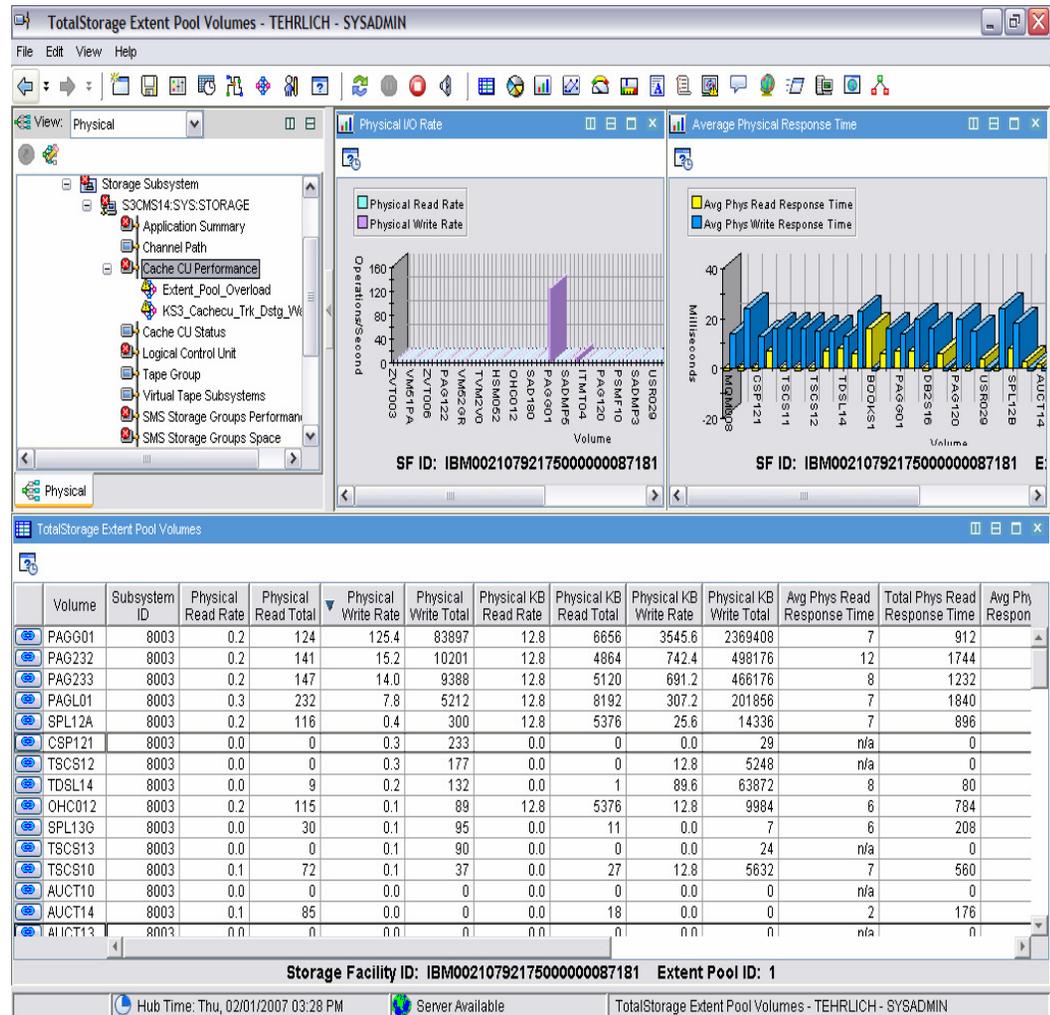
OMEGAMON XE on z/VM and Linux V4.1 Enhancements

- Additional integrated monitoring of Channels, Mini Disk Cache, and Control Unit Cache, which allows users to identify bottlenecks in I/O subsystem

- Enhanced reporting of Linux CPU metrics, providing more detailed information to tune Linux guests

- Currency support for z/VM V5.3

- Linux platform support includes RHEL 5,and SLES 9 and 10.

- New, open standards, Eclipse-based reports which can be used for trending and capacity planning
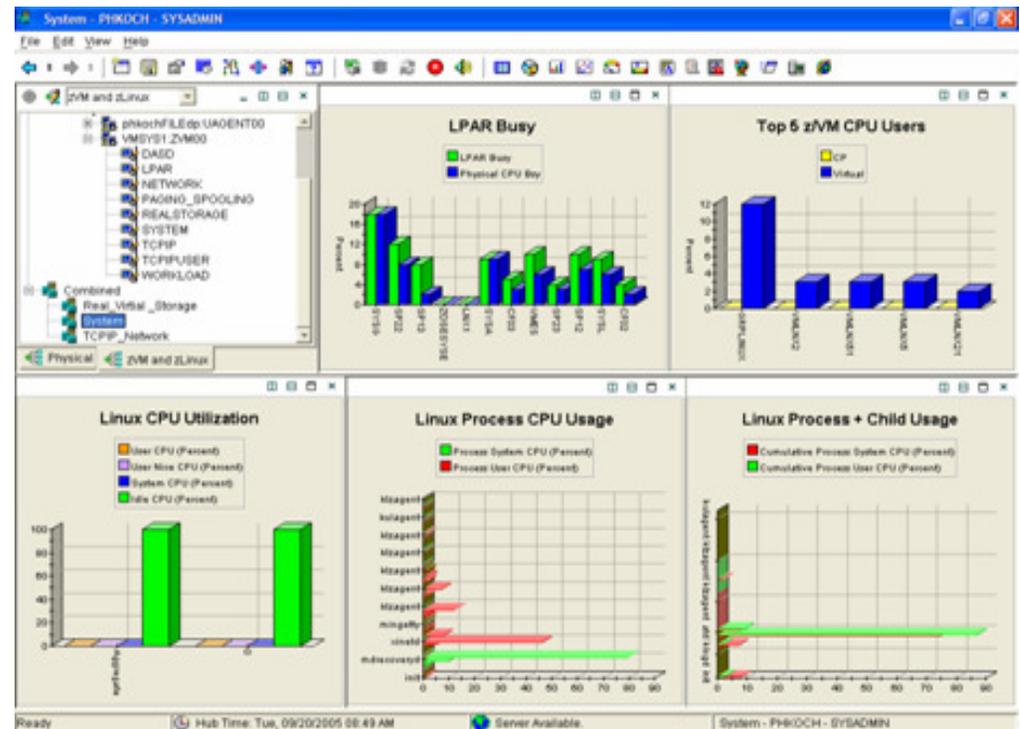
OMEGAMON XE for Messaging V6.0.1 Enhancements

- Launch in context from OMEGAMON XE for Messaging to OMEGAMON for CICS improves problem resolution time for messages that use CICS

- Auto discovery of Queue Managers and grouping of Queue Managers makes it easier for new customers to get started

- Real-time status data for Queues and Channels in MQ environments helps resolve problems effectively

- Remote monitoring and configuration of Queue Managers
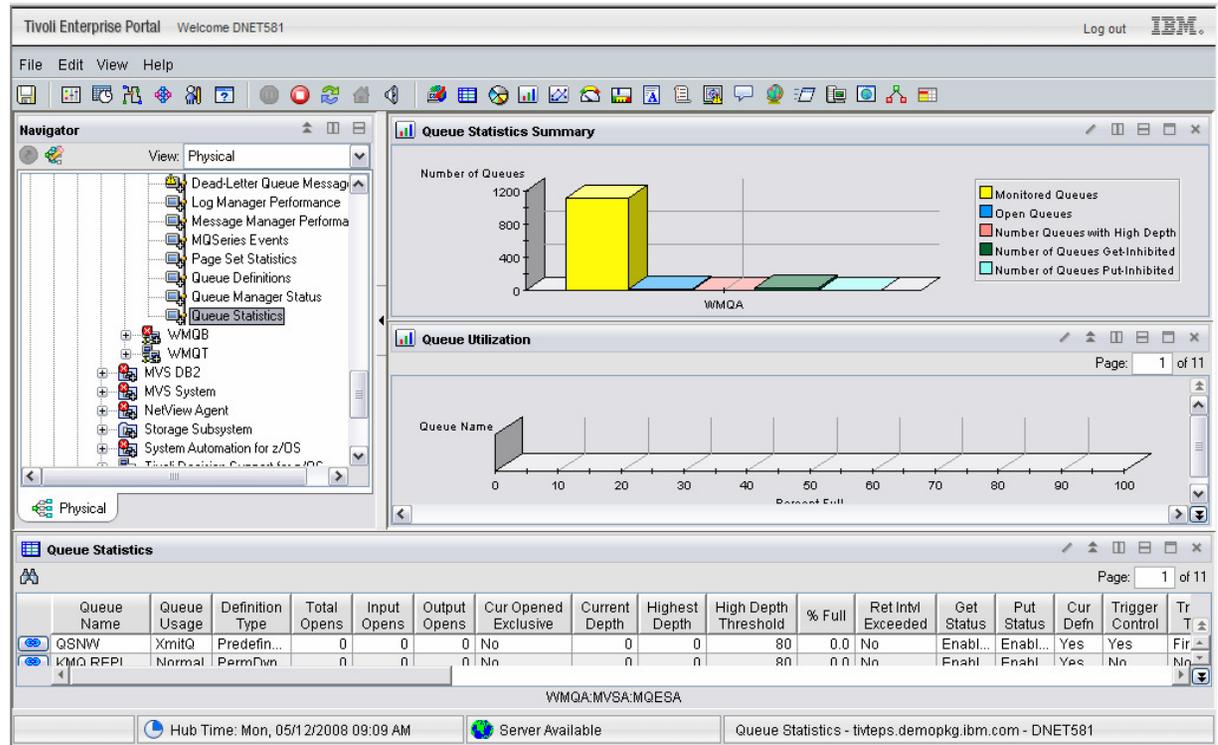
OM XE For Messaging - latest fix - IF03 URL: http://www-1.ibm.com/support/docview.wss?uid=swg24019154

A Fix That May Help TEP Performance

- ITM 6.1 Fixpack 6, Interim Fix 1

- APAR OA22849

- With some customers significantly reduced the amount of time it takes to transfer data between ITM base components. By reducing this transfer time, there were improvements to end user response time observed at the TEP client.

ITM 6.2 Overview

ITM 5.x to ITM 6.2 migration

ITM v5 -> ITM v6 automated upgrade of
Resource Models to Situations
Enhancements to v6 agents for parity

Security

•User Authentication via LDAP
•Manage TEP Permissions using User
Groups

Advanced Event Integration

Enhance TEP/TEC Integration and Context
   Based Launching
Per-Situation Control of:
• Enable or Disable send event
• Destination TEC server(s)
• Event severity
• Set TEC Event Severity
Common Event Viewer integrates ITM, TEC
   and OMNIBUS events in a single console

Broadening Integration and Improved Visualization

Enhance embedded HTML Browser
   • Better HTML support
   • Better Active Page support
Improve Topology View Integration
Chart View improvements
   • Multi-source support
   • Multi-line support

Infrastructure Enhancements

Serviceability:
• Problem Determination data gathering tool
• Operations Log Enhanced

Platform Updates:
• Support for Management Clusters
• Support VMware Management Servers
• Reduce Infrastructure (2500 agents/RTEMS)
• Use Java 1.5 for ITM Java-based components
• Support for DB2 V9.1 / Include DB2 V9.1 in ITM BOM
• Support Tivoli License Manager

Agent Enhancements

•Monitor for the IBM AIX / System P environment
•Unix Agent Zone Support
•OS Agent ping response times and md5 checksums
•Support >64 characters in service names

Agent Builder

•Eclipse based toolkit for rapid development
•Use GUI wizards to create IRA-based agents
•Remote connection to browse data sources
•Enhanced Log file monitoring

ITM 6.2
Upgrading The ITM
Infrastructure

-Simple IE-based GUI or
-Thin Java client
-Secure sign on and controls
-Tailored views by user
-Administer monitoring
-Alerting, analysis, repair

Tivoli Enterprise Portal

**Tivoli
Enterprise
Management
Server(s)**

**Tivoli
Enterprise
Portal
Server**
-Manage Users
-Dashboard Repository

Tivoli Management Services
on z/OS, V6.2 includes the
following components:

Tivoli Enterprise Monitoring Server
         (FMID HKDS620)
TMS Engine
         (FMID HKLV620)
Configuration Tool
         (FMID HKCI310)

RDMS

**Tivoli Data
Warehouse**

-Integrated Warehouse
-Quick setup of all Operational Data
         -Aggregation and Pruning

-Autonomous
-Receive instructions from server
-Monitor performance thresholds
-Take automated responses
-Report exceptions
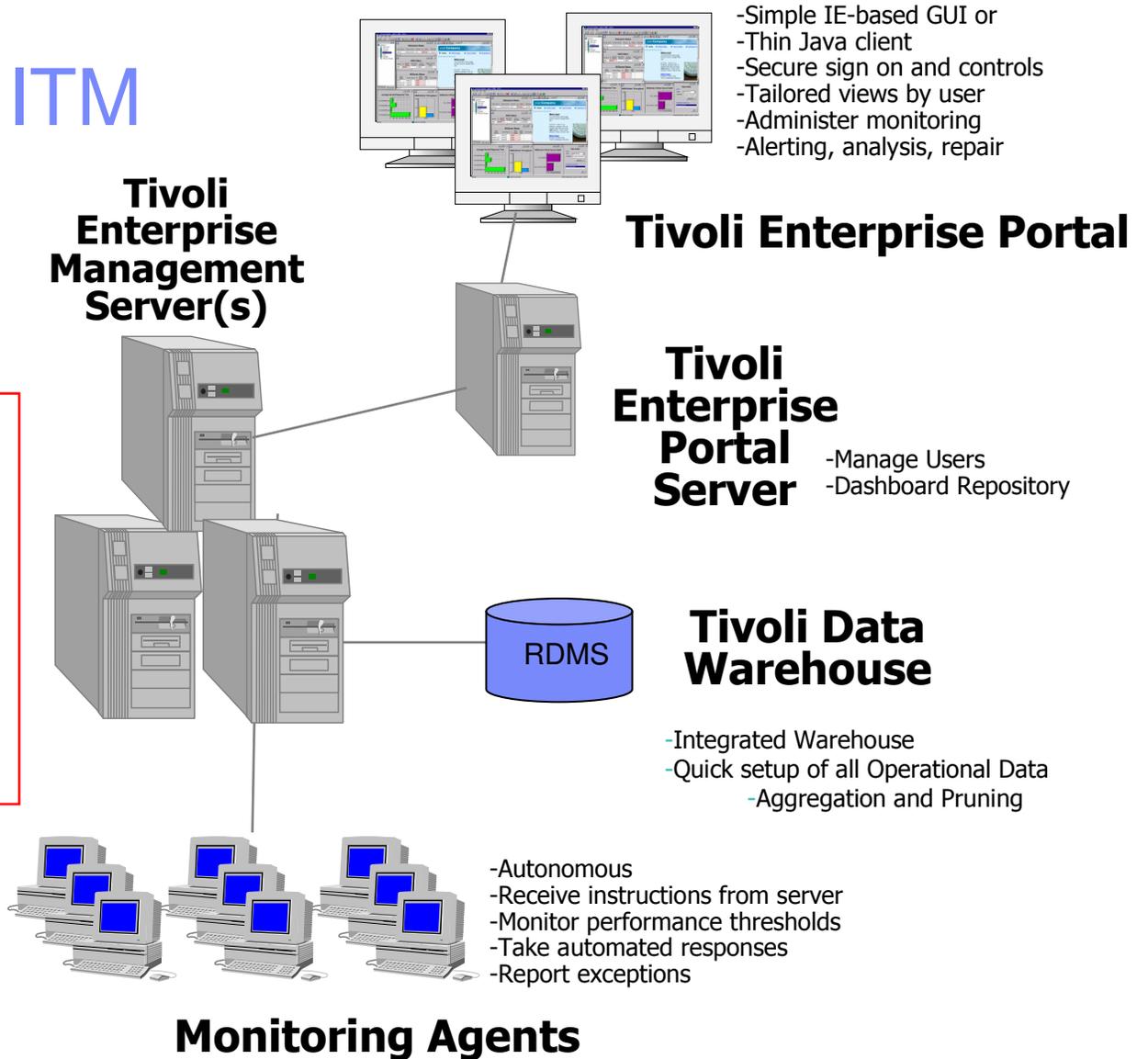
Monitoring Agents

Configuring the Tivoli Enterprise Monitoring Server on z/OS

http://publib.boulder.ibm.com/infocenter/tivihelp/v15r1/topic/com.ibm.itm.doc/SC32-9463-01.pdf
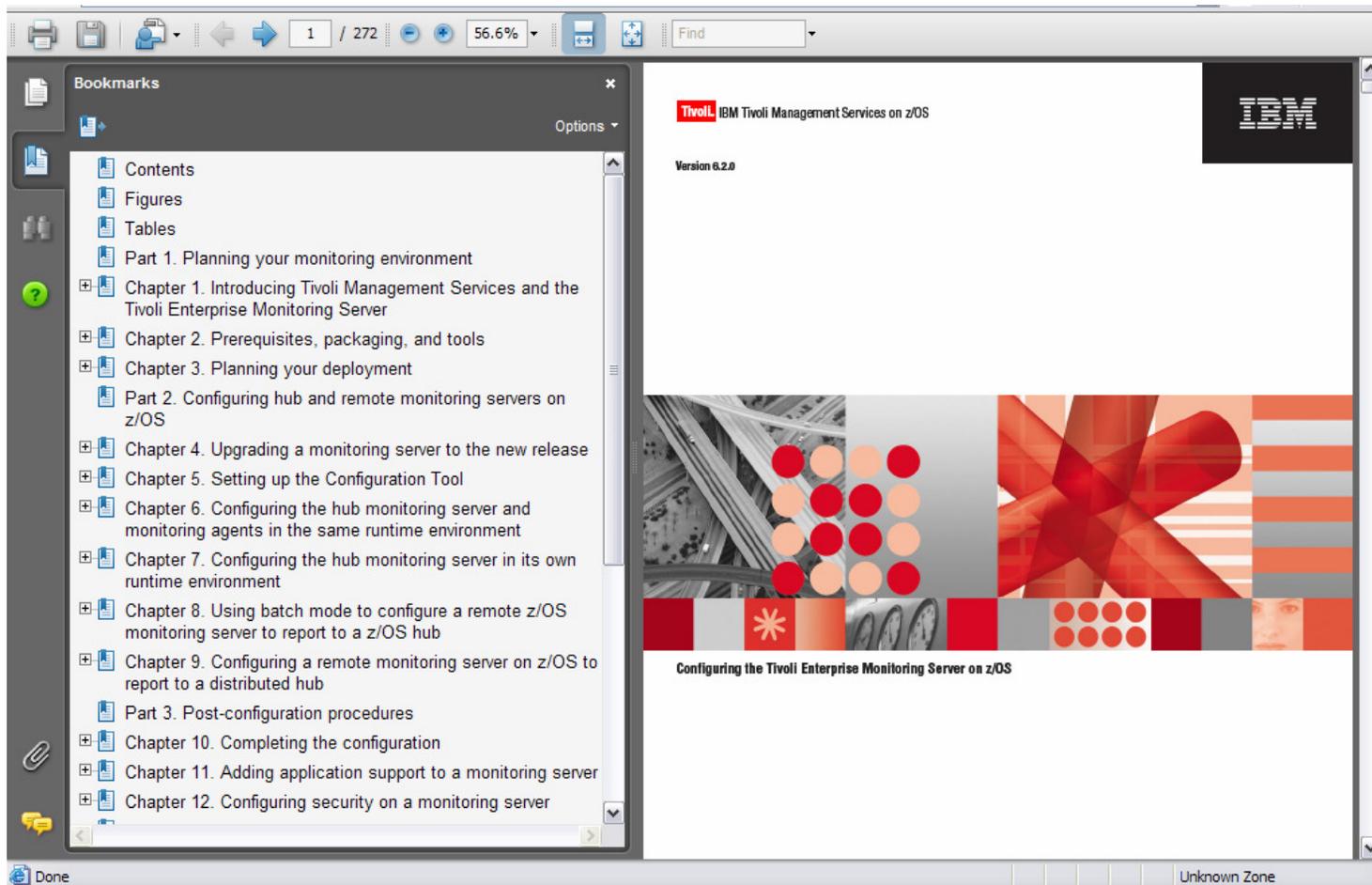
ITM 6.2
TEP Usability Enhancements

Click to enable tool bar

Find option allows for fast filtering

Specify a range

ITM 6.2 - TEP Usability Enhancements
Shortcut To Properties View

Click to enable properties view

ITM 6.2 - TEP Usability Enhancements
View Swap

Click and drag tiles in the workspace to rearrange the display

TEP Chart Enhancements

- Bar Charts
  - ▶ New overlay feature allows one or more related attributes to be plotted against the bar chart
  - ▶ Build overlay charts to capture data from multiple sources in a single view
  - ▶ Plot lines can be assigned a secondary value axis
  - ▶ Time-scaled category axis allows x-axis to be scaled based on the historical time range derived from the result set being charted
  - ▶ The bar chart can be "primed" with historical data
  - ▶ Styling options added for modifying each bar's fill pattern
- Plot Chart
  - ▶ Now supports multi-row, multi-attribute result sets, both real-time and historical.
  - ▶ Auto-refresh interval can be set that is independent of workspace refresh interval
  - ▶ New overlay feature can be used in the plot chart view
  - ▶ The plot chart can be "primed" with historical data
  - ▶ Maximum duration of a real-time plot change increased from 1 hour to 24 hours.
  - ▶ Styling options were added to modify each line's pattern and width, and each symbol shape and size.

Bar Chart Overlay Option

Click to add overlay to bar chart

Plot Chart Enhancements

Plot chart

Plot duration

Specify refresh rate

Add overlay option

Home Workspace

- Enterprise Status initially is home workspace to be displayed

- Assign as Home Workspace option
  - ▶ Establish another workspace from any navigator level in any navigator view to be home workspace whenever TEP starts

- You can return via the Home Workspace tool button
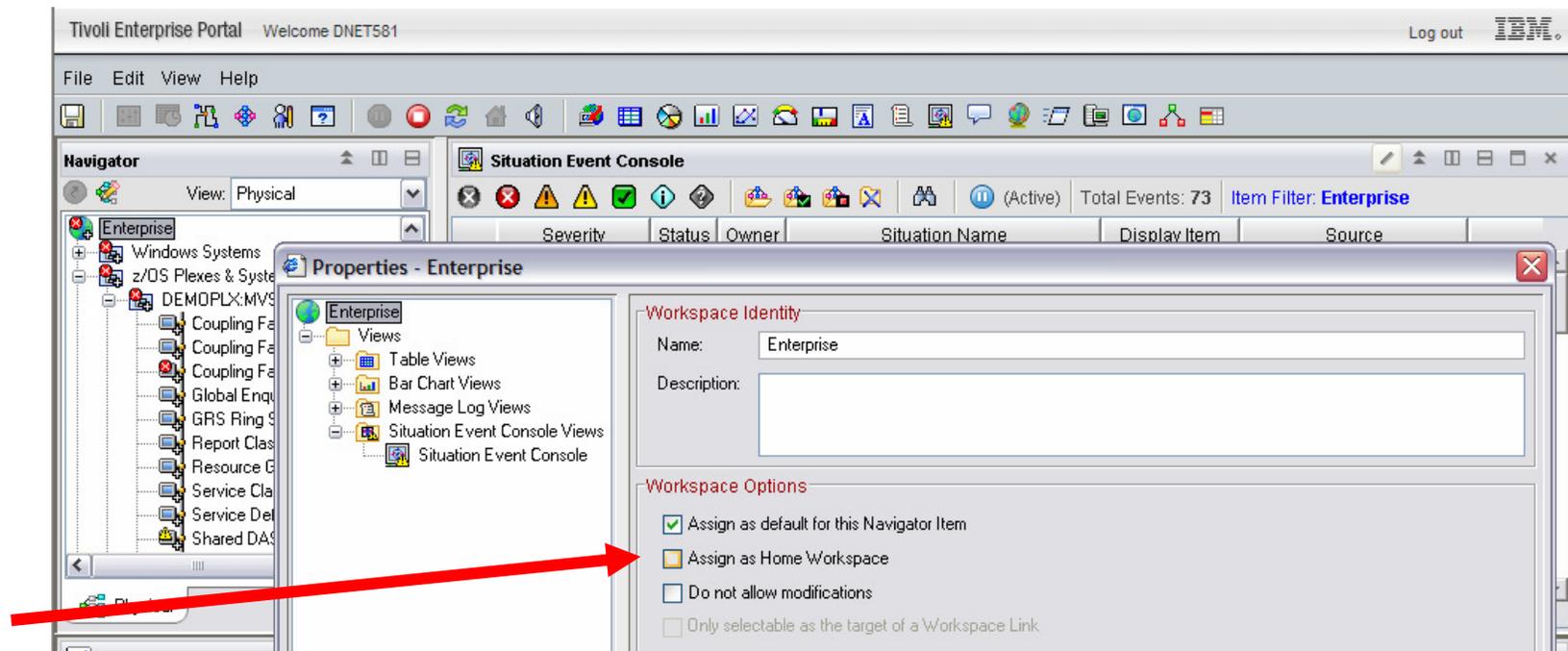
User Groups

In ITM V6.1:

- Permissions were defined individually for each TEP user

In ITM V6.2:

- Introduces User Groups

- Users with similar organizatoin roles and permission needs can now be grouped together

- Permissions can be defined on a group basis and apply to all users within the defined user group

- This reduces administration effort
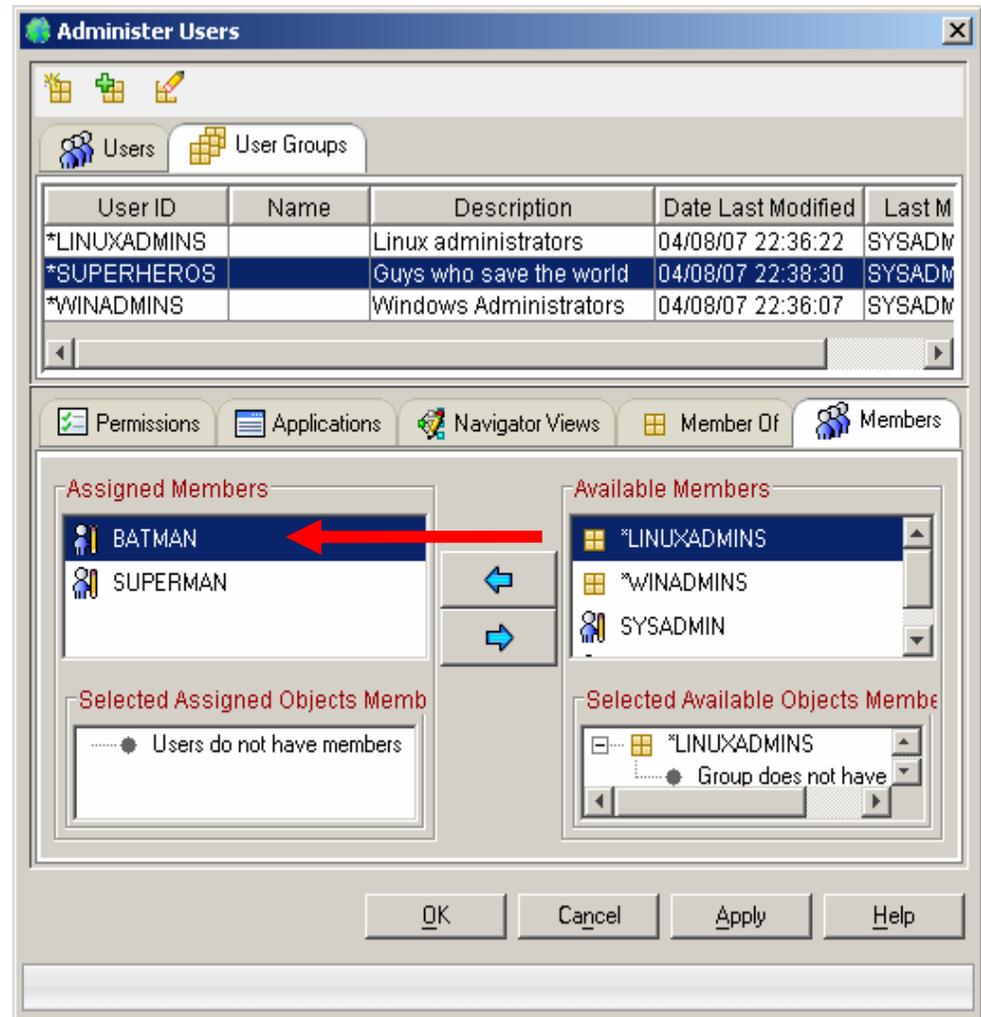
ITM 6.2 And The TEP
Java 1.5 Considerations

- ITM 6.2 requires IBM Java 1.5 for Windows and Linux 32-bit environments.

- The upgraded JRE is provided with the 6.2 image for both Windows and Linux.

- Existing ITM 6.1 needs to be upgraded to 1.5 when migrating to ITM 6.2.

- Both Java 1.4.2 and 1.5 can be installed and co-exist on the same physical machine, allowing concurrent execution of 6.1 and 6.2 TEP from the same box.

http://www.ibm.com/search?q=technote+1295376+&v=16&lang=en&cc=us

Tivoli Common Reporting Overview

- **Tivoli Common Reporting**
  - Tivoli Common Reporting DVD included with ITM 6.2 and will ship with other Tivoli products
  - Tivoli standard infrastructure for creating, viewing, and managing Tivoli product reports
  - Helps customers get more value out of their Tivoli investments.
  - Mine the data collected by Tivoli products, and produce reports such as device availability, resource utilization, and outage history.

- **Interaction with TCR can occur via browser using the web application or through the command line interface (CLI)**
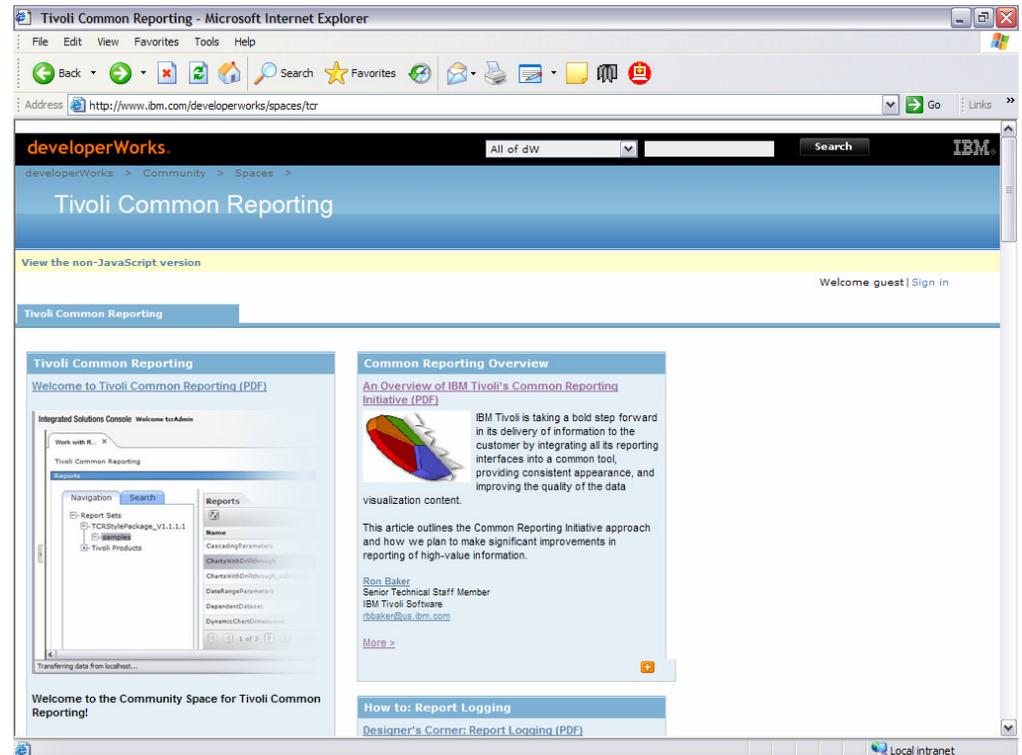
Tivoli Common Reporting Web Site
On IBM DeveloperWorks
http://www.ibm.com/developerworks/spaces/tcr

Tivoli Common Reporting
Creating Reports

TCR user interface

Web Server

Common Reporting Service

ISC/JSR168
Web UI

Report
Store

Rendering Engine
with Plug-ins

Tivoli
Report
Definitions

Import report definitions

BP
Report
Definitions

RYO
Report
Definitions

ISC/JSR168
Web UI

Report
Output

Report Data Sources
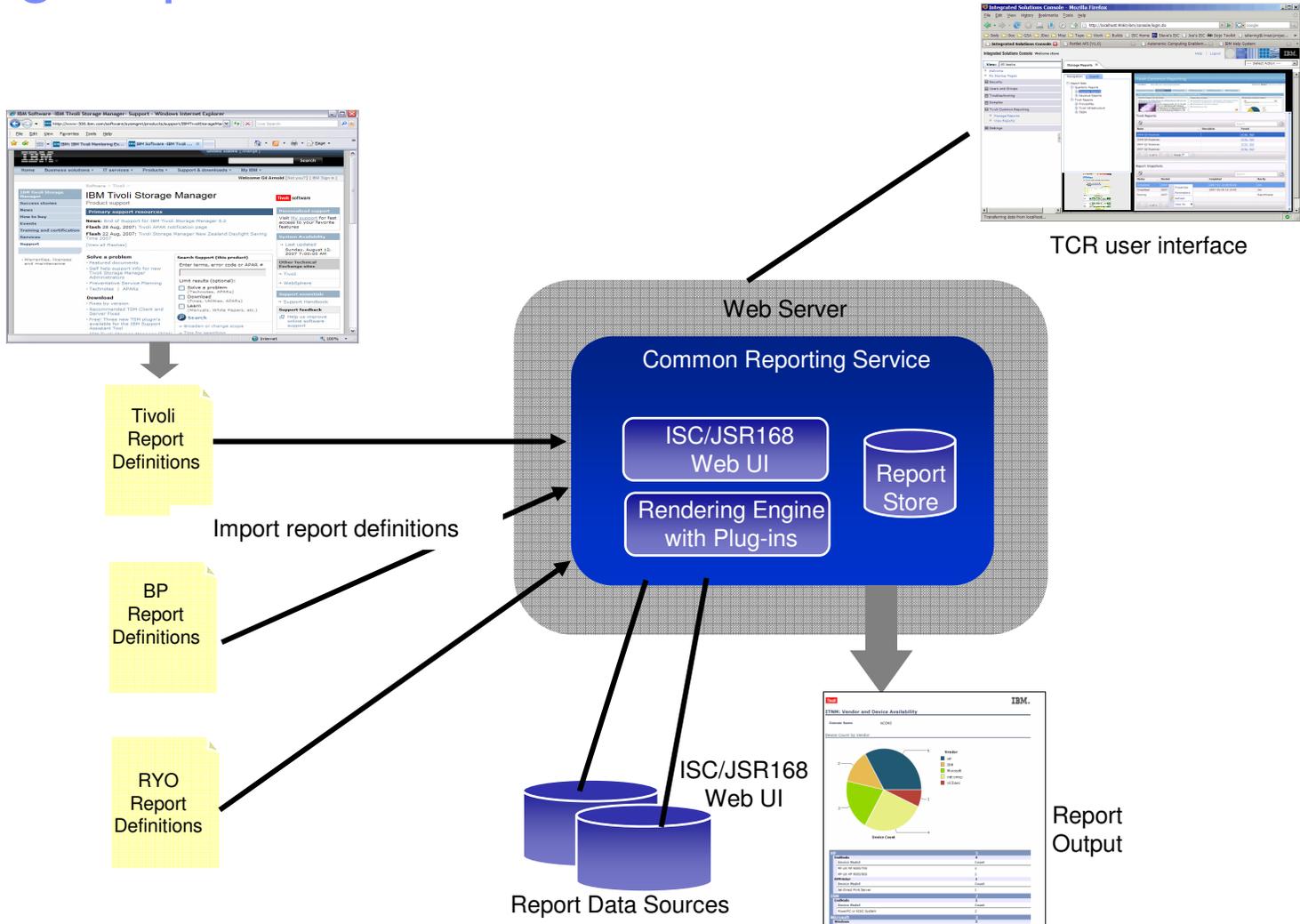
Reports Available on OPAL

Tivoli Common Reporting

http://catalog.lotus.com/wps/portal/topal

Reports

Navigation | Search

- Report Sets
  - Tivoli Products
    - NetView for z/OS
    - OMEGAMON XE Products on z/OS
      - OMEGAMON XE for CICS on z/OS
      - OMEGAMON XE for IMS on z/OS
      - OMEGAMON XE for Mainframe Networks
      - OMEGAMON XE on z/OS
  - OMEGAMON XE on z/VM and Linux
  - Tivoli Common Reporting

Reports

Search

Name	Description
OMEGAMON XE for Mainframe Networks TN3270 Applications	Shows TN3270 server bytes transmitted by z/OS system and Application
OMEGAMON XE for Mainframe Networks TN3270 Clients	Shows bytes transmitted and response time by z/OS system and TN3270 client

Reports

Search

Name	Description
OMEGAMON XE for Mainframe Networks IP Layer Utilization	Shows IP Layer datagram transmission rates, per success and failure type, by z/OS system
OMEGAMON XE for Mainframe Networks OSA Adapter Ethernet Throughput	Shows packets transmitted, per frame type, by z/OS system, OSA Adapter and Port
OMEGAMON XE for Mainframe Networks OSA Adapter Processor Utilization and Throughput	Shows OSA adapter processor utilization per hour by z/OS system, OSA adapter, channel and port
OMEGAMON XE for Mainframe Networks Response Time	Shows TCP/IP round-trip-time by z/OS system and remote IP address. Drill through breaks out remote IP address per connection
OMEGAMON XE for Mainframe Networks TCP Applications Workload	Shows TCP connection usage, per connection type, by z/OS system and application
OMEGAMON XE for Mainframe Networks TCP Layer Utilization	Shows TCP Layer transmission rate, connection rate and errors by z/OS system

1 of 2   Rows 6

RSS Feeds And Tivoli Support And Information Pages

- RSS 'feeds' are provided by a wide range of web sites - not just IBM

- Each time the content publisher posts a new item to the website, it updates an XML file that contains the RSS 'feed'

- Need an RSS client to view RSS
  - Use services provided by YAHOO or GOOGLE
  - Use Firefox browser
  - Other RSS clients

Support page with links to Tivoli RSS feeds

http://www-306.ibm.com/software/support/rss/tivoli/index.html

RSS Example Using Google Reader

Click to drill down for detail

Use search options

Right click and copy shortcut

Select 'Add subscription' and paste in the shortcut

RSS Example
Get Relevant Information On ITM 6.2

Summary – What's Happened With V4.1?

- OMEGAMON XE V4.1 (and OMEGAMON XE Messaging V6.0.1)
  - ▶ GA Q4 '06 and Q1 '07

- New OMEGAMON monitoring solutions
  - ▶ IBM Tivoli OMEGAMON XE for z/VM and Linux v4.1.0
  - ▶ IBM Tivoli OMEGAMON XE for CICS TG on z/OS v4.1.0

- Many enhancements to the various OMEGAMON solutions since GA
  - ▶ Enhancements provided in the SMP/E maintenance stream and fixpacks
  - ▶ Exciting new capabilities provided by ITM 6.2

- Additional new capabilities
  - ▶ OPAL
  - ▶ Tivoli Common Reporter

- Powerful support capabilities
  - ▶ RSS feeds

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