Modernization of OMEGAMON with key enhancements

Are you getting the most out of your investment?

Ashok Mahay
Senior Product Manager,
IBM

Anna Murray
Product Management
Director, Rocket
Software

Notices and disclaimers

U.S. Government Users Restricted Rights — use, duplication or disclosure restricted by GSA ADP Schedule Contract with IBM.

Information in these presentations (including information relating to products that have not yet been announced by IBM) has been reviewed for accuracy as of the date of initial publication and could include unintentional technical or typographical errors. IBM shall have no responsibility to update this information. This document is distributed “as is” without any warranty, either express or implied. In no event, shall IBM be liable for any damage arising from the use of this information, including but not limited to, loss of data, business interruption, loss of profit or loss of opportunity. IBM products and services are warranted per the terms and conditions of the agreements under which they are provided.

IBM products are manufactured from new parts or new and used parts.

In some cases, a product may not be new and may have been previously installed. Regardless, our warranty terms apply.”

Any statements regarding IBM's future direction, intent or product plans are subject to change or withdrawal without notice.

Performance data contained herein was generally obtained in a controlled, isolated environments. Customer examples are presented as illustrations of how those customers have used products and the results they may have.

References in this document to IBM products, programs, or services does not imply that IBM intends to make such products, programs or services available in all countries in which IBM operates or does business.

Workshops, sessions and associated materials may have been prepared by independent session speakers, and do not necessarily reflect the views of IBM. All materials and discussions are provided for informational purposes only, and are neither intended to, nor shall constitute legal or other guidance or advice to any individual participant or their specific situation.

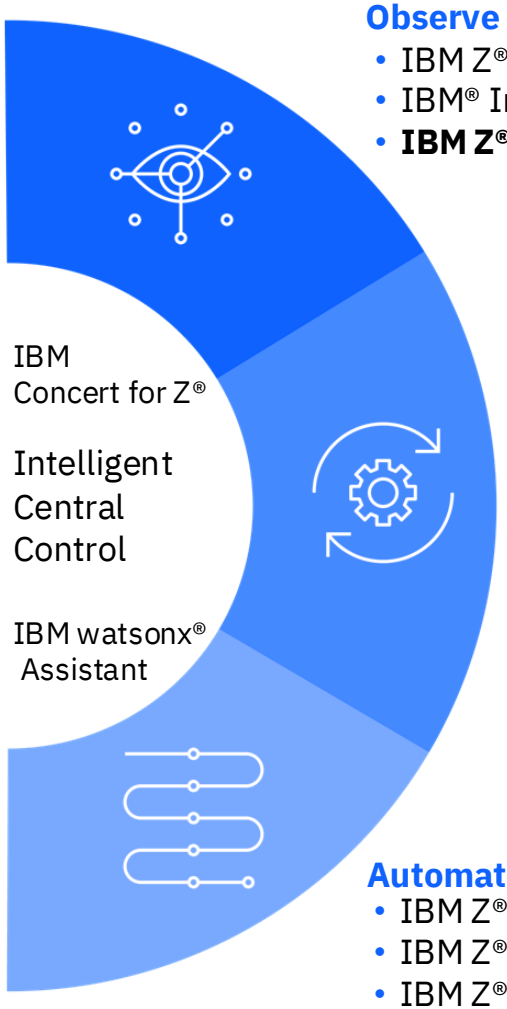
It is the customer’s responsibility to insure its own compliance with legal requirements and to obtain advice of competent legal counsel as to the identification and interpretation of any relevant laws and regulatory requirements that may affect the customer’s business and any actions the customer may need to take to comply with such laws. IBM does not provide legal advice or represent or warrant that its services or products will ensure that the customer follows any law.

Agenda

1. Introduction
2. OMEGAMON Core and Data
3. OMEGAMON UI
4. OMEGAMON AI for z/OS
5. OMEGAMON AI Db2
6. OMEGAMON AI for CICS
7. OMEGAMON AI for JVM
8. OMEGAMON AI for Storage
9. OMEGAMON for Messaging
10. OMEGAMON for IMS
11. Solution Updates and Software Lifecycle
12. Engagement

Deliver Mainframe Insight Everywhere You Need It

IBM AIOps Ecosystem



Observe
- IBM Z® Observability Connect
- IBM® Instana® for Z
- **IBM Z® OMEGAMON®**

Optimize
- IBM Z® IntelliMagic Vision for z/OS

Automate
- IBM Z® System Automation
- IBM Z® Workload Scheduler
- IBM Z® NetView™

- Provides real-time, accessible data to power analytics, drive efficiency, and respond fast to incidents
- Moves data streaming off-platform to avoid soaring MIPS cost with one-to-many streaming for diverse analytics platforms (ex. Splunk, Elastic, Datadog)
- Integrates natively with the IBM Z AIOps ecosystem to enable analytic insights

"Using OMEGAMON Data Provider to enable Grafana to create dashboards gives us the ability to standardize and streamline our processes and fits with our skill sets."
Frank Petersen, Lead IT Architect, bankdata

IBM Z® OMEGAMON® AI

Consume less CPU and decrease software licensing costs

Platform agnostic monitoring & analytics

Native integration with the IBM Z AIOps ecosystem

Lower Total Cost of Ownership

- Light multi-tenant and efficient architecture - easy compartmentalization by customer
- Cost savings with zIIP utilization - one solution to serve all your customers
- Service provider access to all monitoring data - increase your level of service and customer satisfaction
- Automated migration from other monitors - small conversion project and fast time to value

Increase Productivity

- **Incident prevention with AI driven insights**
  - Surface performance issues early to avoid costly impact
- **Intuitive platform agnostic monitoring with Grafana®**
  - Simpler for beginners
  - Faster for experts
  - Facilitates knowledge transfer
- **Maintenance in moments, not weeks**
  - Simplified deployment and maintenance with ANSIBLE® automation

IBM customers experience that the latest OMEGAMON versions consume **significantly less CPU** (up to 50%) than the competing products!

"Rapid detection of excess CPU utilization enabled us to avoid €60,000 in software MSU fees." - European Bank

IBM OMEGAMON Web UI with Grafana®

IBM

OMEGAMON CORE

Unlocking Performance Monitoring Data for Analytics

There is a wealth of subsystem and application data available within and across the OMEGAMON family, DB2, CICS and IMS tools today

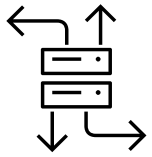
Businesses are looking to leverage analytics, artificial intelligence and machine learning to automate processes and act on the myriad of operational data available within their enterprises.

”Unlocking” this data, via a variety of methods, provides a pathway for these products to participate in the world of AIOPs – operational analytics and machine learning

IBM Z OMEGAMON Data Provider

Data Integration

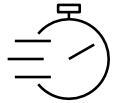
Provides real time OMEGAMON data streaming in a format that is easy to understand and consume to your preferred technology stack including Elastic Stack, Splunk, Kafka, Instana and Prometheus.



Subsystem Support

Support for z/OS, Db2, CICS, IMS, JVM, MQ, Networks and Storage.

Over 18,000 metrics are available to stream.



Ease of Use

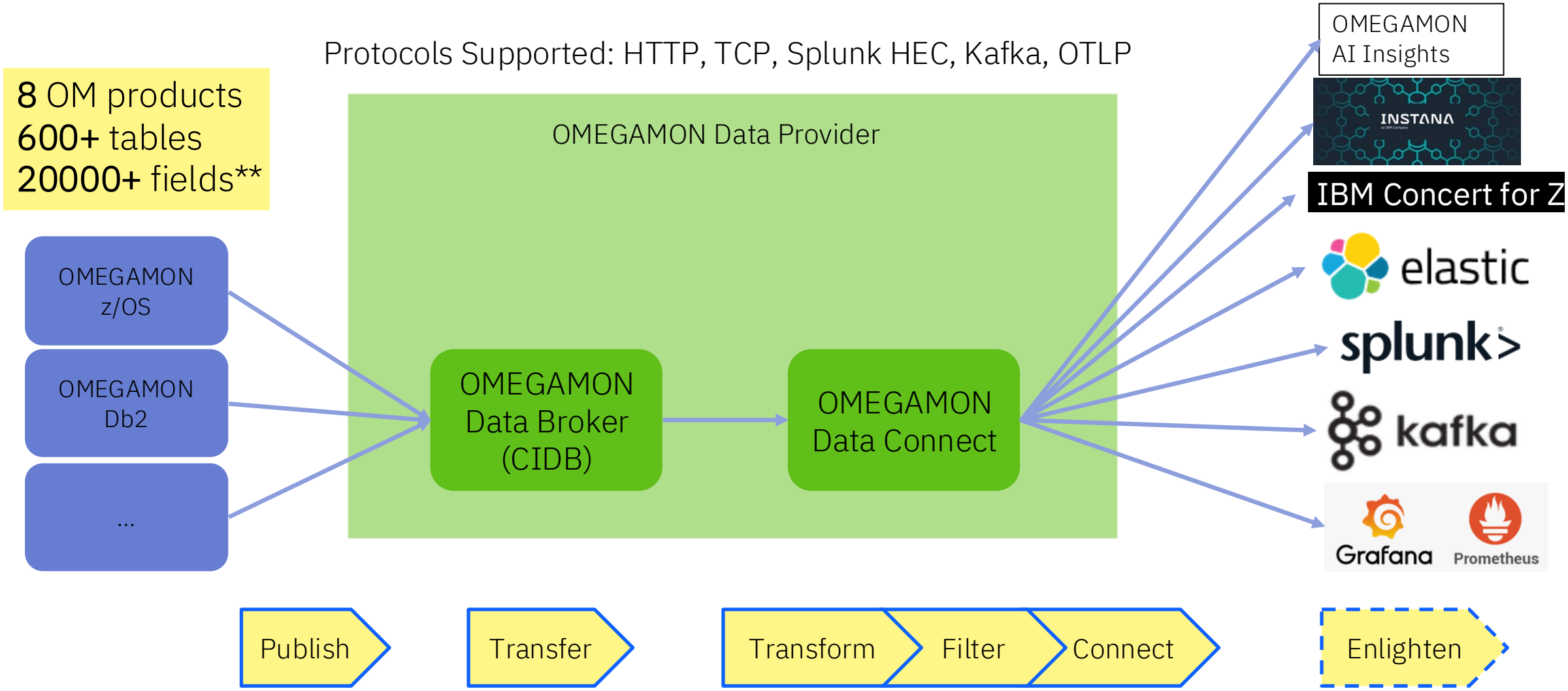
Data served in an industry standard, self-describing format.

Decide what to forward and how often from a central point of control.

Starter Dashboards

Starter dashboards are available for z/OS, Db2, CICS, IMS, JVM, MQ, Networks and Storage.

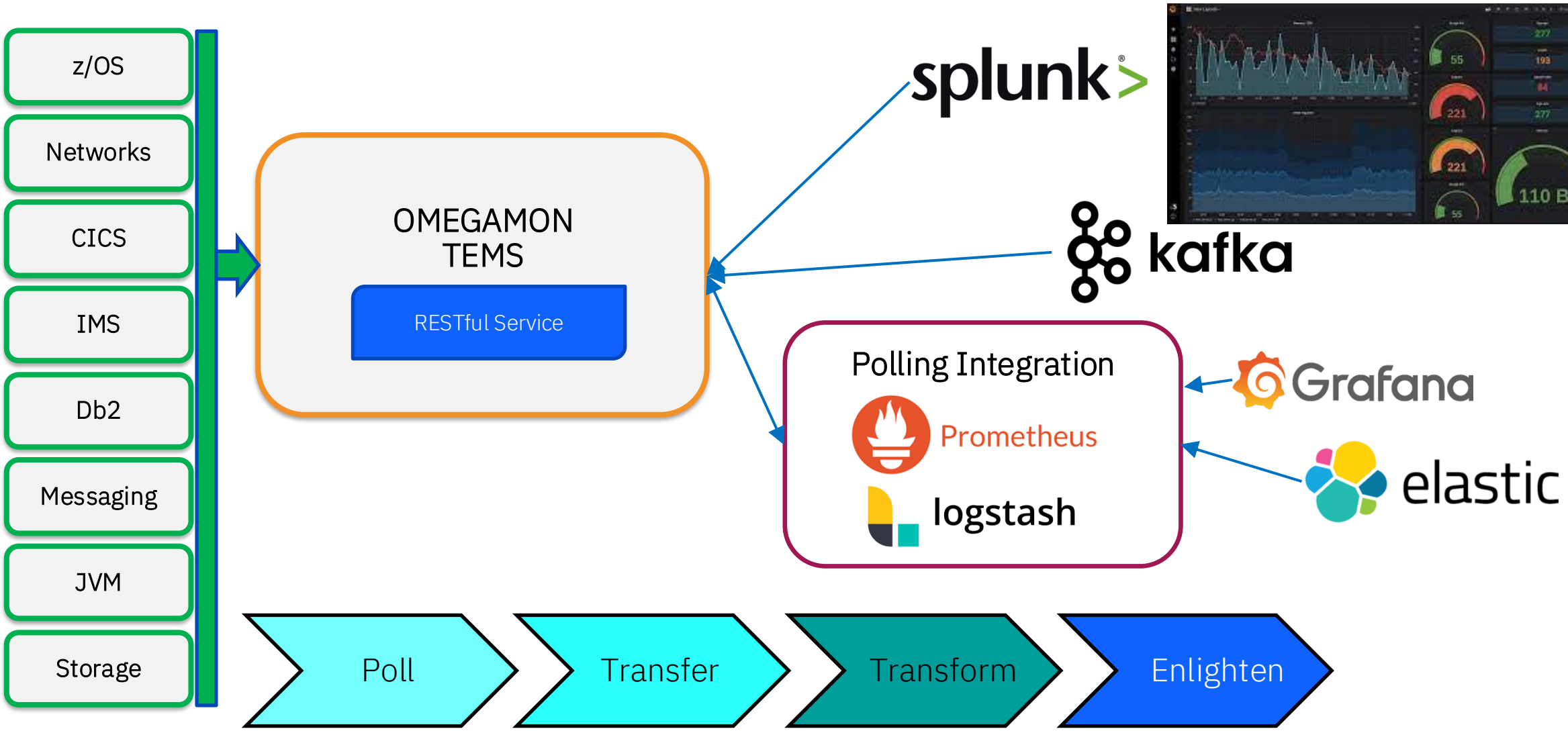
OMEGAMON Data Provider



** These are the number of metrics possible. If anyone actually streamed all of these to any of the analytics platforms listed on the right, we can guarantee your CPU would increase and therefore MSU's and software license charges as well. Best to curate a list of Key Performance Indicators to those targets, as has been done via a fixed list to Instana…roughly 30 tables with their associated metrics.

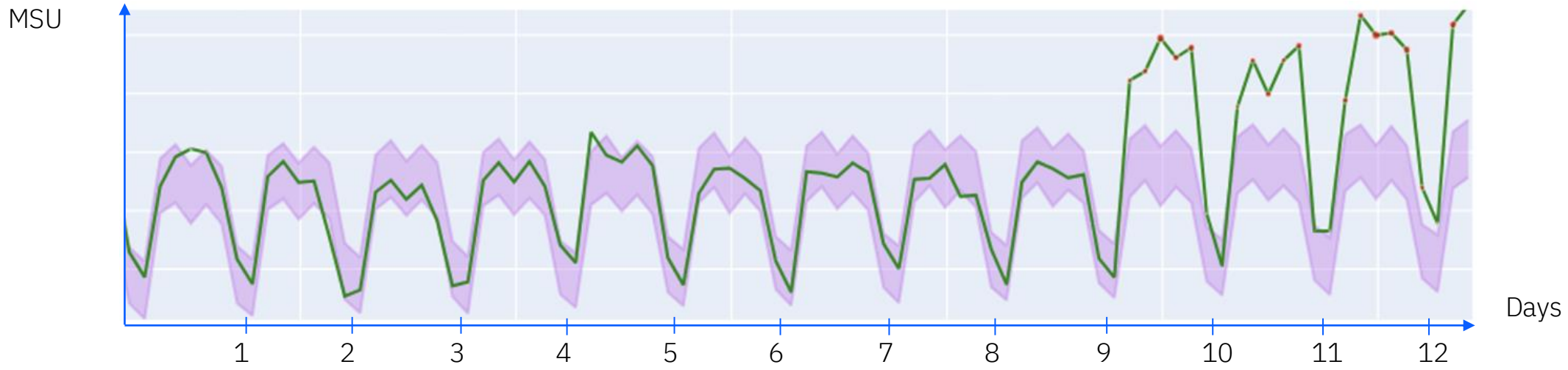
ITM REST API

shipped with Tivoli Mgt Service APAR# OA66461



IBM Z OMEGAMON AI, example of a real client case

Applying ML to the customer data enabled us to develop algorithms that learn the normal behavior and seasonality



Client needed 3 weeks to discover an overconsumption of 100+ MSU per day after a subsystem upgrade with a total cost of
60K euros for excess MSU

Flag consumption anomalies resulting in alerting of overconsumption *the day it arises*..
Immediate ROI in cost avoidance

IBM Z OMEGAMON AI, example of a real client case

Proactive detection of poor performance, cost saving, workload optimizations

Client impact:

"IBM Z OMEGAMON AI Insights" discovers anomalies in Db2 on the fly –giving us the possibility to ***solve problems before they impact the end users experience.***"

- Frank Petersen, Lead IT Architect, bankdata

[15m Anomalies] Summary table

DSG Group	Connection Type	Cluster	Over Consumption	Anomalous Records
DSNDB2P	DDF	High	41290	157
DSNDB2P	DDF	Low	1717	42
DSNDB2P	DDF	Medium	2919	41
TOTAL			45926	240

Without AI Insight

Application Change
Wed. Aug. 28

Real life notification
Friday Aug. 30
Event Start

Real life resolution
Tuesday Sept. 04
Event Fixed

With AI Insight

Automated AI detection
Wed. Aug. 28
Event Detected

3 days of proactive window to fix the issue before end of month business peak

46k CPU cycles and application outage avoided!

IBM Z OMEGAMON AI use cases

OMEGAMON AI for z/OS

Detect abnormal MSU consumption across your z/OS workloads, potentially saving consumption costs

OMEGAMON AI for CICS

Detect abnormal transactional response time or CPU utilization to protect transactional workload

OMEGAMON AI for Db2

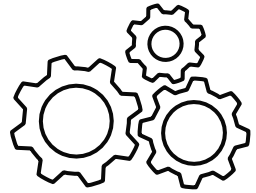
Detect abnormal CPU consumption bottlenecks and workload drift to ensure performance

And more OMEGAMON AI Use cases

OMEGAMON AI for Network, JVM, Storage, …

See for yourself! – OR – Share your own!

Streamline OMEGAMON Configuration



- IBM Z Monitoring Configuration Manager eases agent implementation and tuning
- Simplified & Streamlined batch workflow
- Improved Discovery – Less Manual entries using DISCOVER action
- Reduce time required to update when new releases / service is applied
- Improved RTE deployment across SYSPLEX
- Works for all OMEGAMONs V5.4 or higher
- Remote Deployment capabilities using PACKAGE and DEPLOY actions

```
//IMCM     JOB ,CLASS=A,MSGCLASS=T,NOTIFY=&SYSUID,TIME=1
//*
//S1       EXEC PGM=KCIOMEGA | KCIALPHA
//STEPLIB  DD DISP=SHR,DSN=SYS1.OME.TKANMOD
//KCIFLOW  DD DISP=SHR,DSN=SYS1.OME.TKANCUS(KFJOMEGA)
//KCIVARS  DD *
ACTION           CREATE  | DISCOVER | GENERATE | DELETE |
                 MIGRATE | PACKAGE  | DEPLOY
RTE_NAME         DEMO1
RTE_PLIB_HILEV   JOHN.DEMO
/*
```

Svenska Handelsbanken AB

Automated OMEGAMON Configuration

About Svenska Handelsbanken AB
Founded in 1871 and the oldest company on the Swedish stock exchange

One of the big banks in the Nordics and are well known for our low risk and low credit losses

Presented by Thomas Olofsson at Share Kansas City –
Recorded replay is available

Automation Details
Migrated to configuration manager from PARMGEN using the MIGRATE action

All new code is activated with an IPL

If new agents need to be configured or changes needs to be implemented, they update the members in the configuration dataset prior to IPL

The code in RTE is updated using SMP/e in one central environment. They then dump the volumes to a shared disk and restore where needed.

The IPLs leverage IBM Workload Scheduler and GDPS, using a stopvote in Workload Scheduler for the OMEGAMON jobs.

During the IPL, they add the configuration manager GENERATE job to JES2. When the resources are available the job runs with the new code

OMEGAMON UI

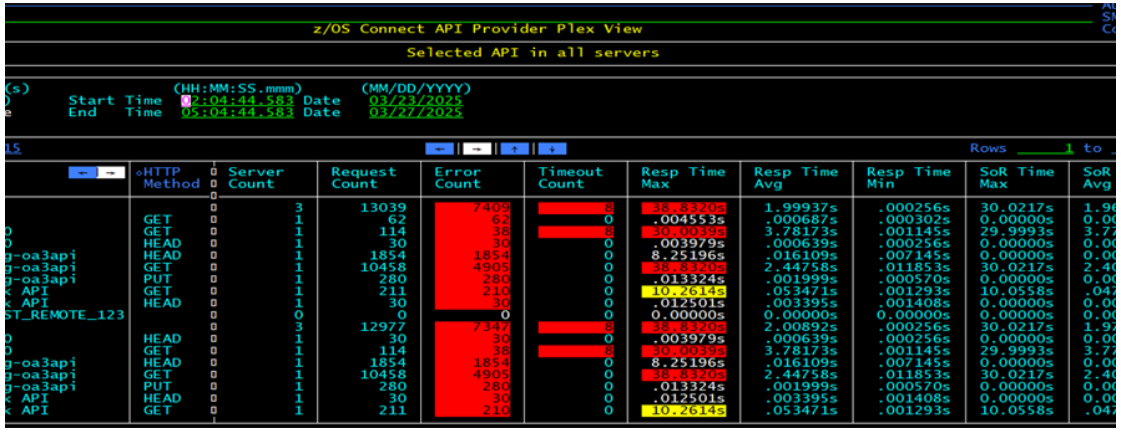
Strategic OMEGAMON user experiences

Web UI with Grafana®

- Use your favorite browser
- Visualize data in ways you've only imagined before
- Note aberrations and drill down to find root cause quickly
- Configure Situations and Take Action in context

Enhanced 3270 User Interface – 3270 but better!

- Plex-wide and single-system views of data
- Auto discovery of and autoconnection to data sources
- Dynamic behavior and operation
- User-customizable workspaces Data filtering
- Cross-product embedded data.
- Near-term History

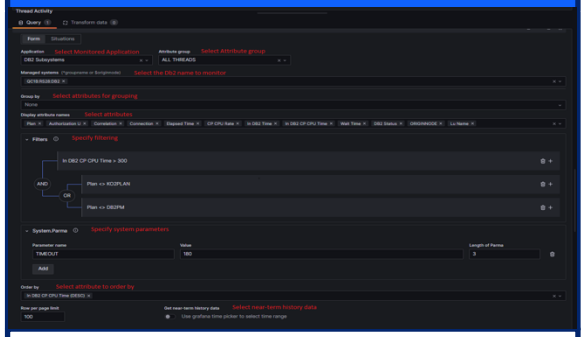


OMEGAMON Web UI Overview

Visualization

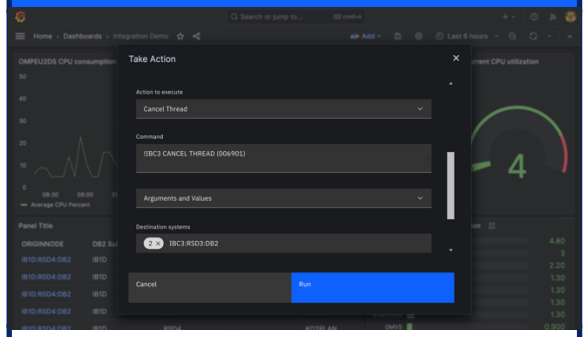
- Powerful dashboarding and data visualization using **Grafana OSS** (available on amd64 & s390x)
- Product provided dashboards for all agents
- Easy to use/learn
- Ability to get data from multiple data sources
- Big opensource community

Query Building



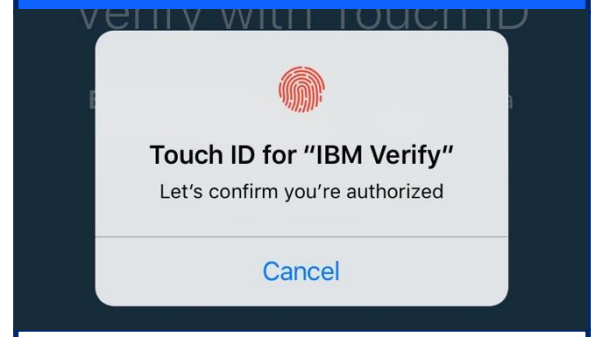
- Custom query editor built for OMEGAMON data
- Simplified experience to find the data you want
- Graphical representation of filters for clarity
- Query panel for advanced users
- Ability to get views available in e3270 by simply pasting in queries

Integrated Admin



- Independent & not tightly coupled Grafana
- Admin features easily integrated into Grafana dashboarding
- Situation Editor & Take Action
- Further Admin Features in development

Seamless Navigation



- Fully integrated SSO – login once, navigate seamlessly
- Contextual linking between dashboarding & other tools

Why Grafana?

Grafana is a widely industry adopted user experience solution that is available as open source or with paid support for Grafana (**2 OMEGAMON case studies leverage Grafana**)

The use of Grafana will **accelerate capability availability** and allow the team to be more productive and **focus on more client valued capability and integration**

Dashboard UI with no-code functionality to create and compose dashboards **from different data sources across the enterprise**

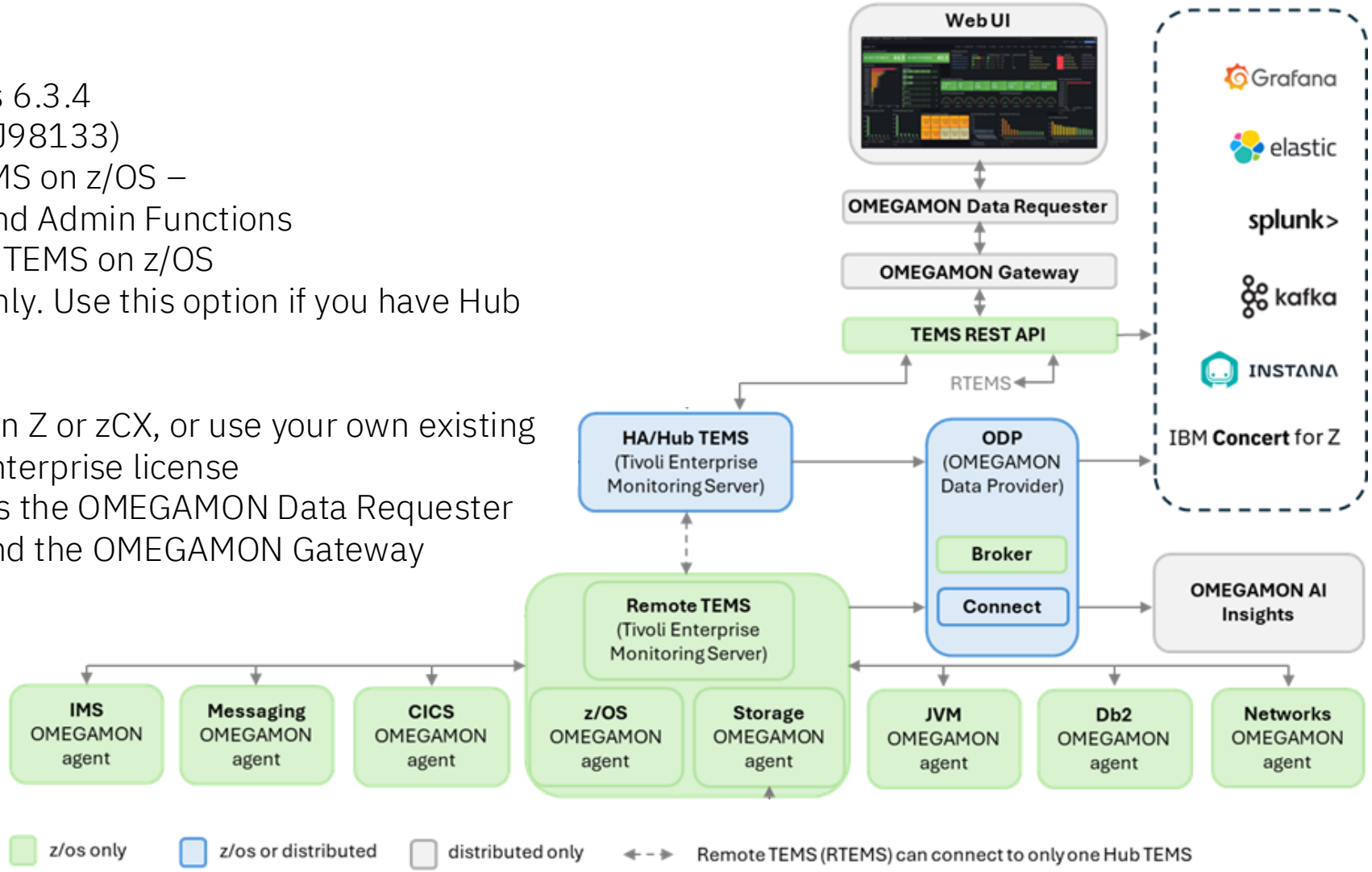
Dashboard UI that allows views to communicate with each other and provides context menus (right-click) with configurable actions

OMEGAMON Architecture for Web UI 2.1

Required Components

- Tivoli Management Services 6.3.4
  - ✓ APAR OA68455 (PTF UJ98133)
- ITM REST API with Hub TEMS on z/OS –
  - ✓ Supports Dashboards and Admin Functions
- ITM REST API with Remote TEMS on z/OS
  - ✓ Supports Dashboards only. Use this option if you have Hub TEMS on Linux

- Grafana® - install on Linux on Z or zCX, or use your own existing Grafana® Open Source or Enterprise license
- Web UI Installation contains the OMEGAMON Data Requester signed plugin for Grafana and the OMEGAMON Gateway



OMEGAMON AI FOR Z/OS

IBM Z OMEGAMON AI for z/OS 6.1.0 Fix Pack 7 and 8 updates

APARs OA67597 (UJ97437), OA68108 (UJ98109)

Increased zIIP offloading

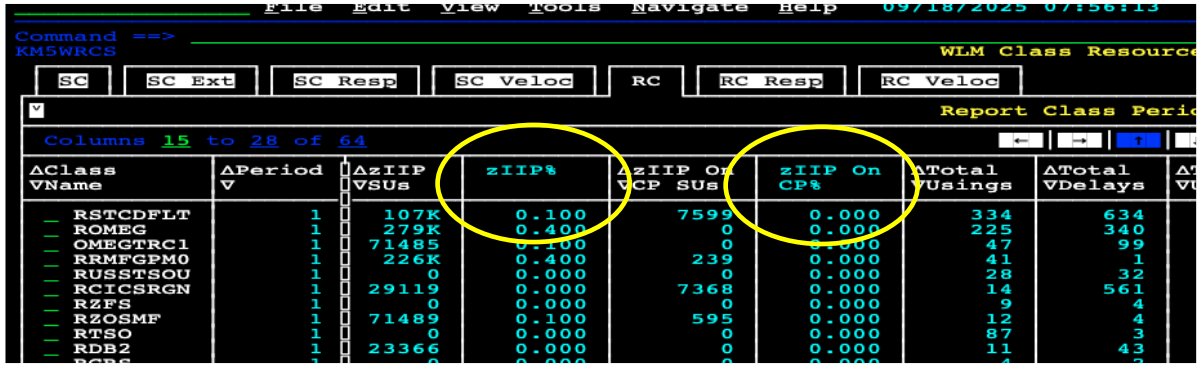
Currency and exploitation for z/OS 3.2 and z17 hardware

z/OS 3.2 System Recovery Boost

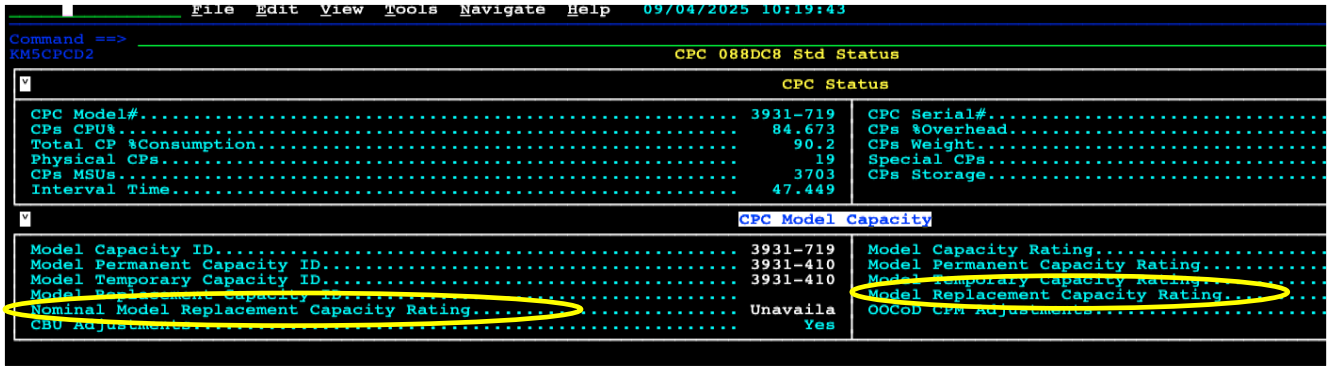
Currency support for zCX cAdvisor and GPMSERVE

z/OS 3.2 Support and z17 Power Consumption Reporting

- WLM Class Raw Extended Metrics attribute group updated to report for service and report classes:
  - Execution Velocity
  - CPU Percent
  - zIIP Percent
  - zIIP on CP Percent



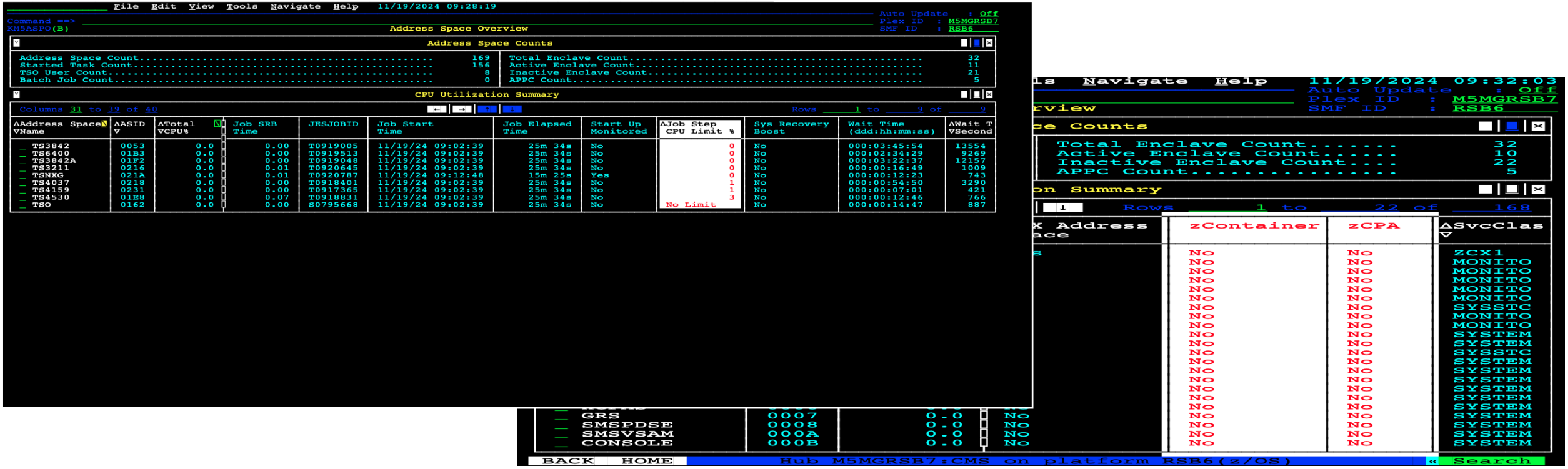
- New KM5 RMF Power Consumption attribute group reporting LPAR/CPC power consumption for z17
  - e3270UI updated to report z17 power consumption in new workspaces
  - LPAR Clusters attribute group updated to report replacement capacity metrics for z17



z/OS Container Platform indicators

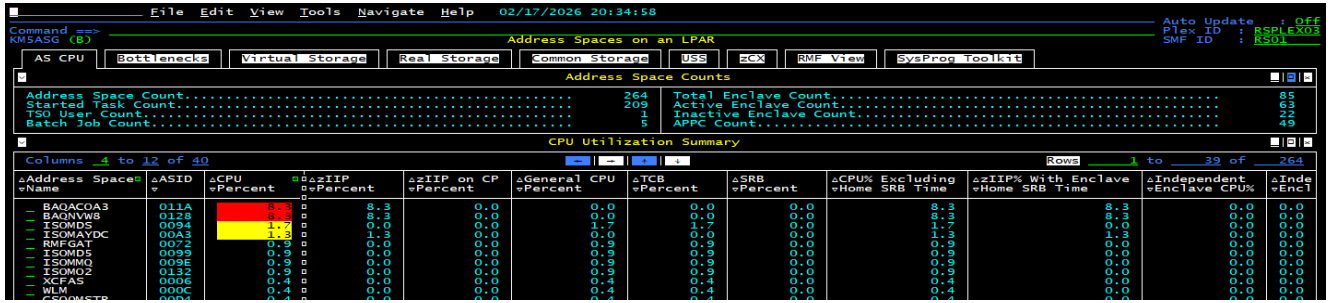
Address Space CPU Utilization Table and e3270UI workspaces now report:

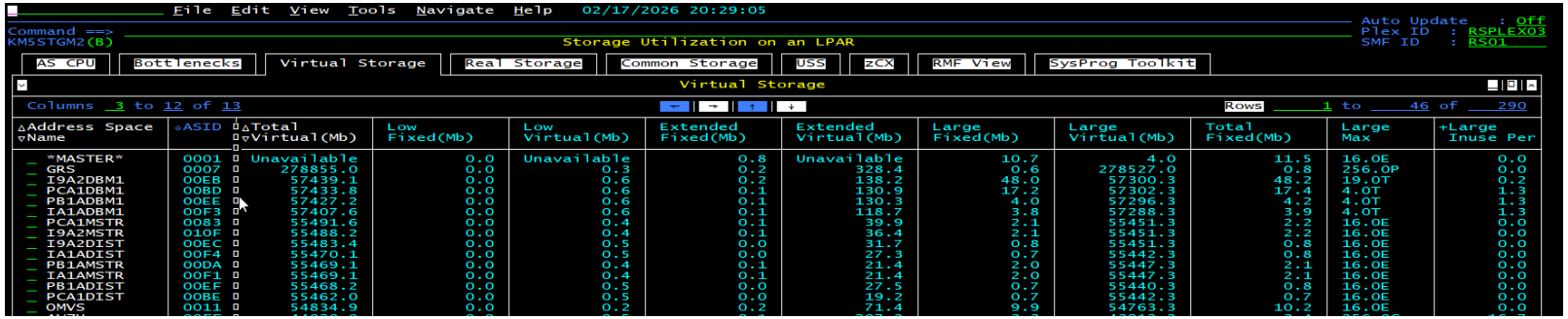
- Job Step CPU Limit percent
- z/OS Container indicator
- z/OS Control Plane Appliance (zCPA) indicator

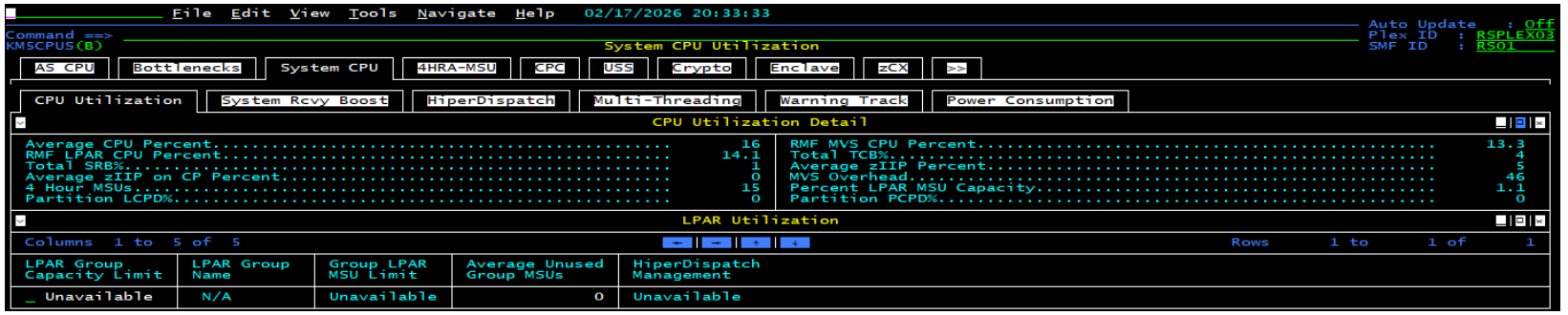


Enhanced Navigation in e3270UI

Tabular layout gives you easy spreadsheet-like access to metrics (Workspace: KM5STRTK).

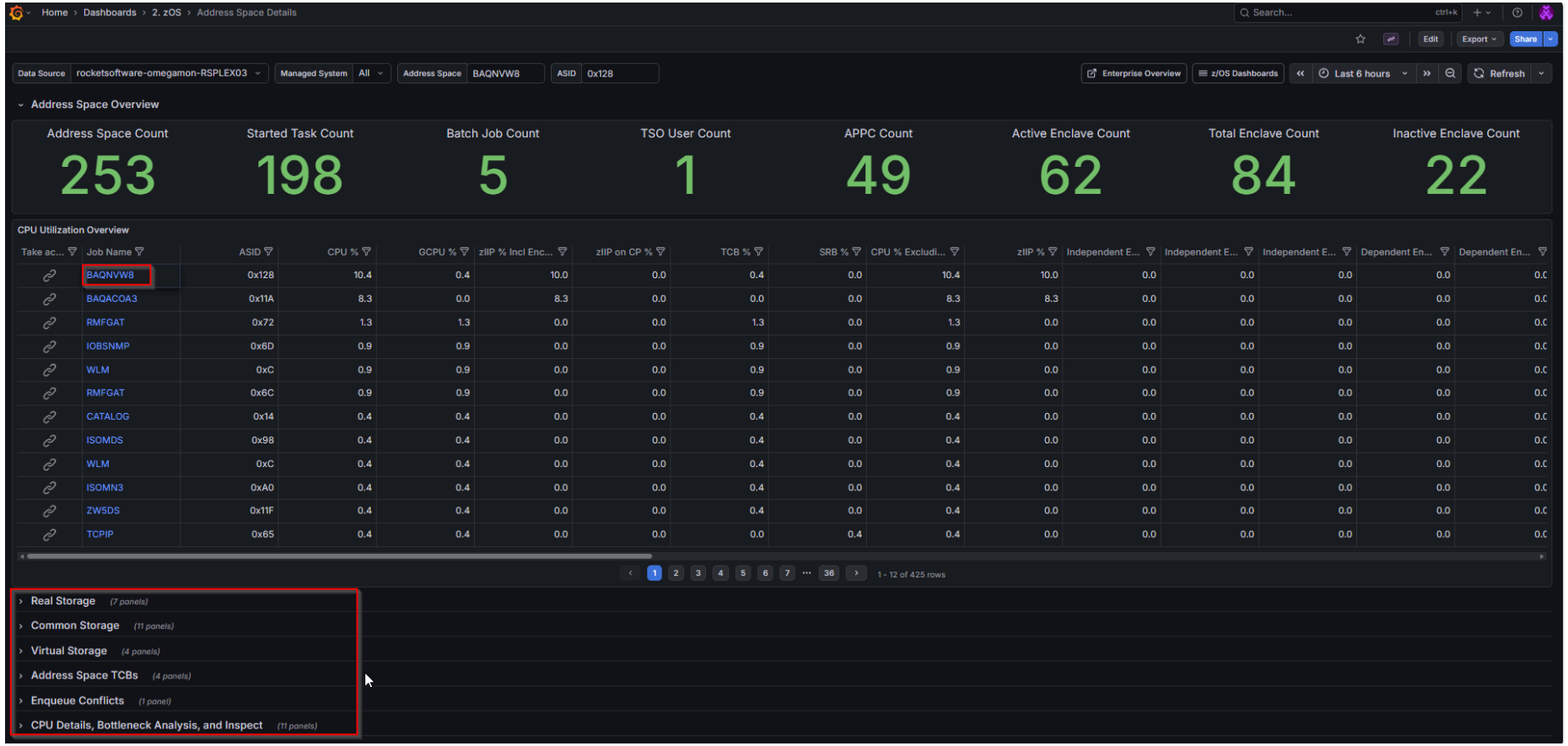






Easy Navigation in Web UI

Context sensitive drill-down functionality design allows you to interact with the summary and detail metrics all from a single dashboard.



Ideas delivered in 2025

IBM Aha Idea		Released
OMEG4ZOS-I-138	Monitor the % of step CPU limit used by a job, configuring PSCU exception. It warns when any address space uses up more than nn% of the CPU time allowed in the current job step (where nn is the threshold for this address space).	OM z/OS 6.1.0 Feb 2025 APAR OA67285
TMSZ-I-81	Improved logging so that you can see the user who issued commands in System Programmers Toolkit	OM z/OS 6.1 June 2025 APAR OA67597
OMEG4ZOS-I-159	Added a configuration parameter to prevent the ICH408I message from displaying when the TEMS user identity is not superuser	OM z/OS 6.1 June 2025 APAR OA67597
OMEG4ZOS-I-160	Added an Execution Velocity metric to track Execution Velocity by LPAR/SMFID with historical context	OM z/OS 6.1 Sept 2025 APAR OA68108
IZOMEG4ZOS-I-5	Added a KM2_TIMEOUT to control idle session timeout for the Classic interface	OM z/OS 6.1.0 Dec 2025 APAR OA68313
OMEG4ZOS-I-165	Made the KM5_BPXSUPERUSER setting available in Configuration Manager for ease of configuration	OM z/OS 6.1.0 Dec 2025 APAR OA68313

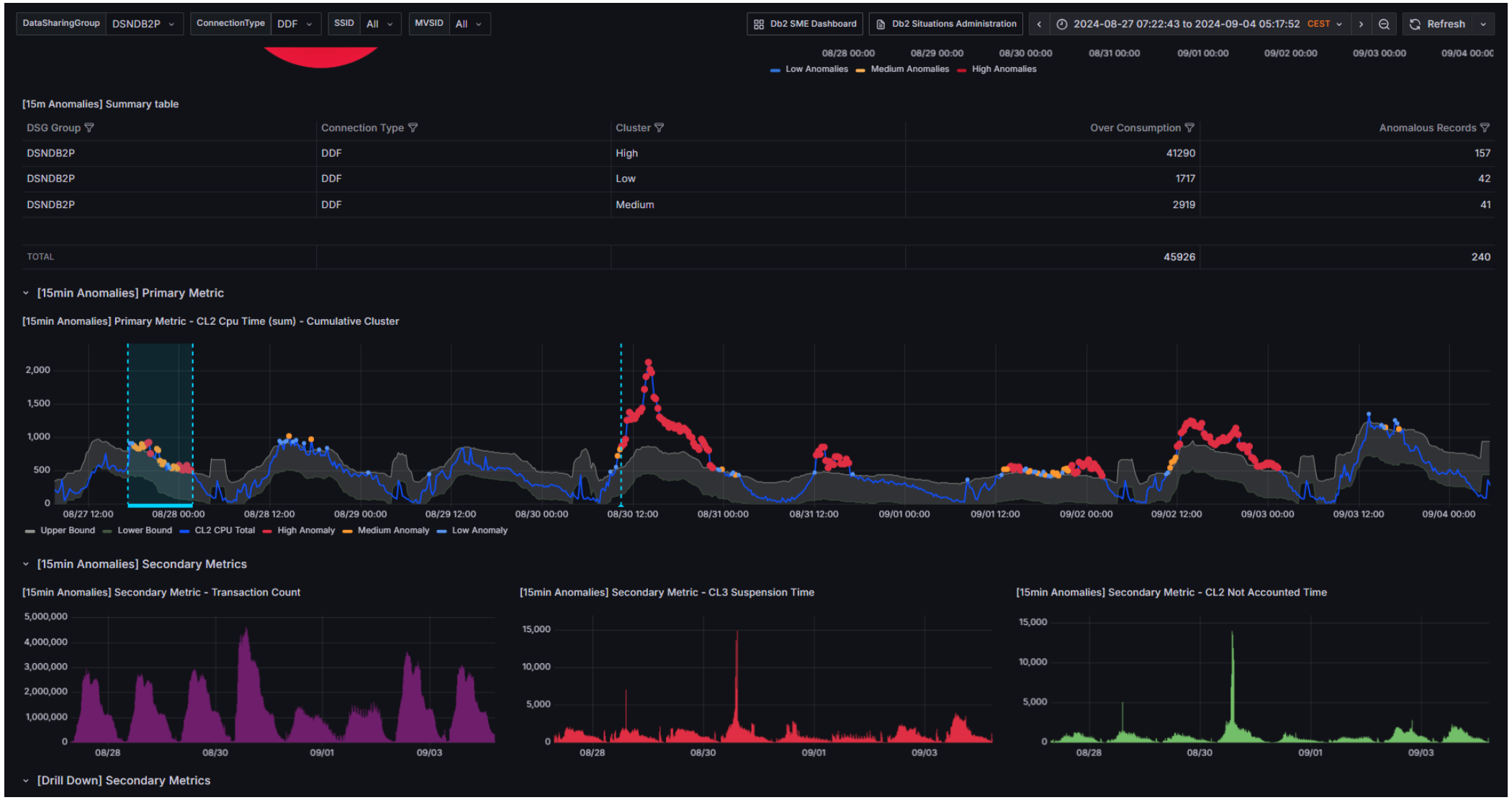
OMEGAMON AI FOR DB2

OMEGAMON AI for Db2 6.1.0 – Key Initiatives

Initiatives	AI infusion	TCO: Virtual Storage and CPU savings		New Function & Compliance
Goals	Leverage OMEGAMON AI Insights using Db2 statistical data KPIs	Reduce TCO from a CPU perspective (CPU savings / zIIP)	Reduce “below the bar” 31bit storage by moving data structures to 64bit	5.5.0 Rollup selected new function ICN compliance
Features	• Analyze anomalies at the Db2 connection type level • Sample Grafana AI dashboards	• Compression in (N)TH data sets • Rewrite Thread History backend to use 64bit data structures • Batch 2.0 (MVP)		• ODP streaming of PDB data • PDB checker utility • ICN: Recompile storage allocation code (ASM/PLX) • Selected AHA! ideas

Output – Connection Types Analysis at Db2 Subsystem Level

Example AI Insights analysis: Proactive alerting of significant divergence on DDF workload



Less of CPU, DASD, 31bit Storage

Approx. improvement in data compression using dictionary-based hardware compression with Huffman encoding (CSRCMPSC based service) – more data in VSAM, less switches

30%

Memory below the bar savings per subsystem monitored by moving IFI buffer processing in 64bit storage (depends on BUFSIZE parameter)

64MB

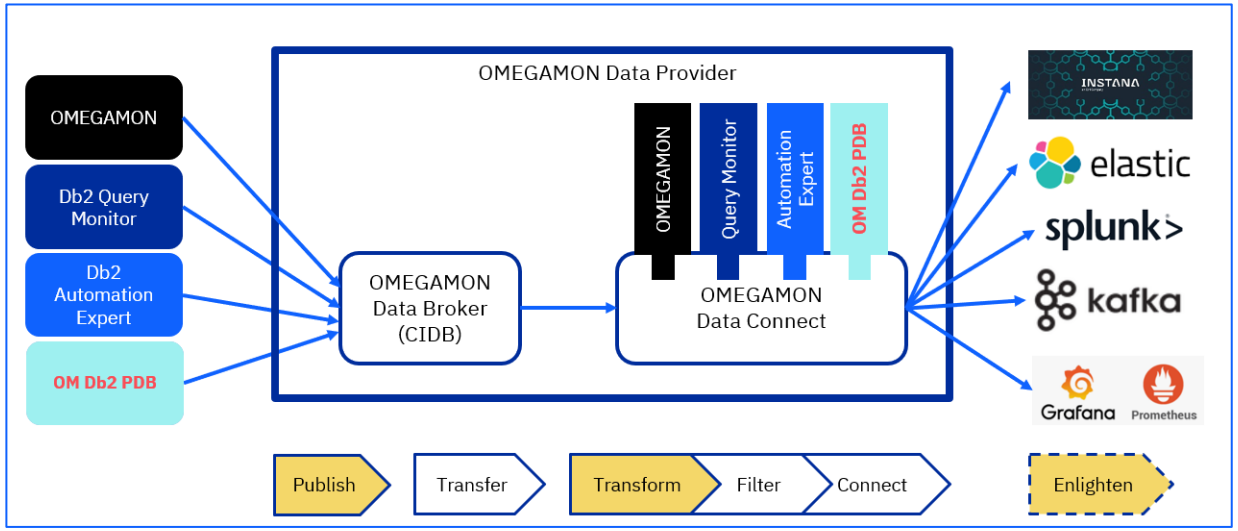
Enhanced 3270 UI Db2 Thread History and Classic Near-Term History VSAM data sets can now be up to 4GB (was 2GB) → more data in single VSAM space, less switches

4GB

Based on internal testing – client results may vary

Streaming OMEGAMON for Db2 Performance Database (PDB) using OMEGAMON Data Provider

- Leverage ODP infrastructure to stream Batch Reporter generated FILE/SAVE CONVERT data to ODP targets like Elastic/Prometheus and Splunk
- Game changing feature that complements the real time monitoring data shown in Grafana with SMF based historical (timeseries) data for problem diag.
- **Full support** of all Batch Reporter PDB data via PH69153.



Db2 13 Function Level support + Currency & AHA!s

- Full toleration and exploitation of Db2 13 Function levels up to FL508
- Staying up to date on Db2 13 Currency that is not FL related
- AHA!s implemented in 2025:

Realtime monitor

DB2ZOMEGA-I-76	Added the long names to the Thread History details view in the e3270UI
DB2ZOMEGA-I-77	Added a compatibility check between a PDB artifacts and the respective TKANMOD lib to avoid LOAD step failures so that the changes can be discovered and implemented orderly, avoiding job abends, and lost data
DB2ZOMEGA-I-78	The 3270UI display will show only active indoubt threads instead of all indoubt threads since DB2 started to remove confusion
DB2ZOMEGA-I-83	Users can easily sort and filter columns in the e3270UI by modifying the panel source and keep a customized panel in UKANWENU library or by using the "Dynamic Column Administration" delivered via OA66898/UJ96474
DB2ZOMEGA-I-85	Clients can use the Batch CRD function, which can be used to collect any arbitrary IFCID record and combined with a subsequent Batch Reporter call as well as a call to load the data into the OMEGAMON Db2 Performance Database
DB2ZOMEGA-I-89	To view CPU consumption of Db2 started task address space, use OMEGAMON for z/OS 5.6.0+ start sending the z/OS event table “ascpuutil”, which will list CPU consumption for all address spaces, including the DIST

Batch reporter

DB2ZOMEGA-I-40	Introduced a new Java BATCH reporter (zIIP-enabled) that supports RECTRACE in this release with more to come

OMEGAMON AI FOR CICS

Task History Improvements

Maximum Size Extended

- Task History was previously limited to a maximum dataset size of 4GB per region, allowing a maximum of approximately 4.5 million transactions per region
- Limit is now removed and has a maximum potential dataset of **16TB**
- A file which was previously used with an earlier version of OMEGAMON will be **reformatted upon first use of 6.1.0 version**. There is no need to change the dataset, unless a larger size is required.

Task History can be paused

- Pausing task history allows viewing the task history data while no new tasks are collected.
- Prevents data wrapping for small datasets
- Task history can be configured to start in a paused state.

Performance Enhancements

- Most of the Task History processing will now use zIIP processors where available.
- The collection of task data and the processing of requests to view task history data will now be processed on zIIP processors.
- Service Level Analysis data collection, which previously ran on general purpose processors is now also zIIP eligible.

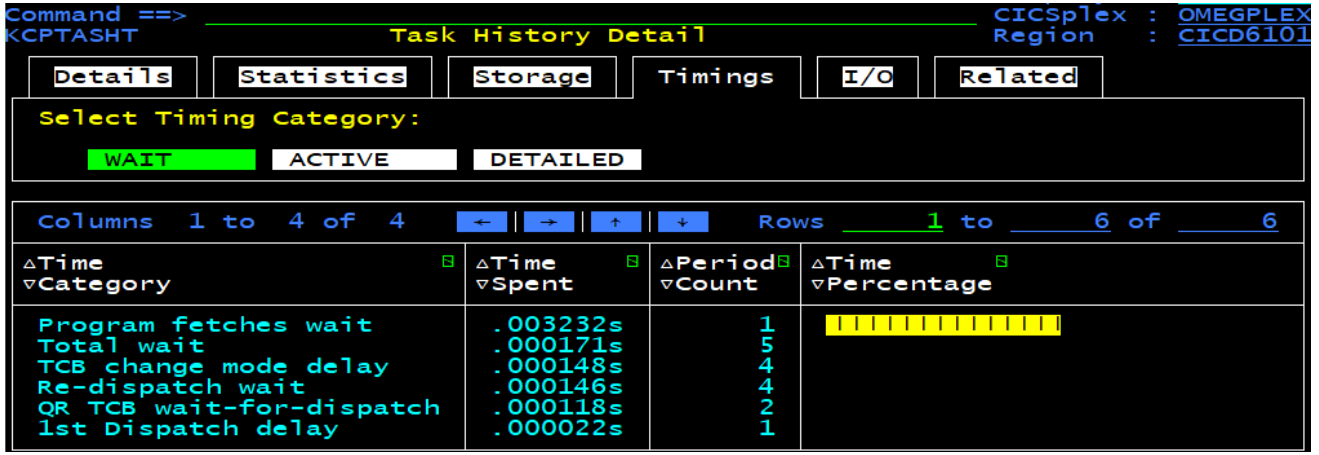
IBM Z OMEGAMON AI for CICS Version 6.1.0 Fixpack 1

- Current Average Response Times
- Improved Context command allowing greater navigation.
- Viewing summary of Transaction Waits.
- Viewing full value for long SIT parameters.
- OMEGAMON CICS Global options information.
- Enabling OMEGAMON in a CP/SM CMAS region.
- New Java certificate for TEP

Transaction Timings Display

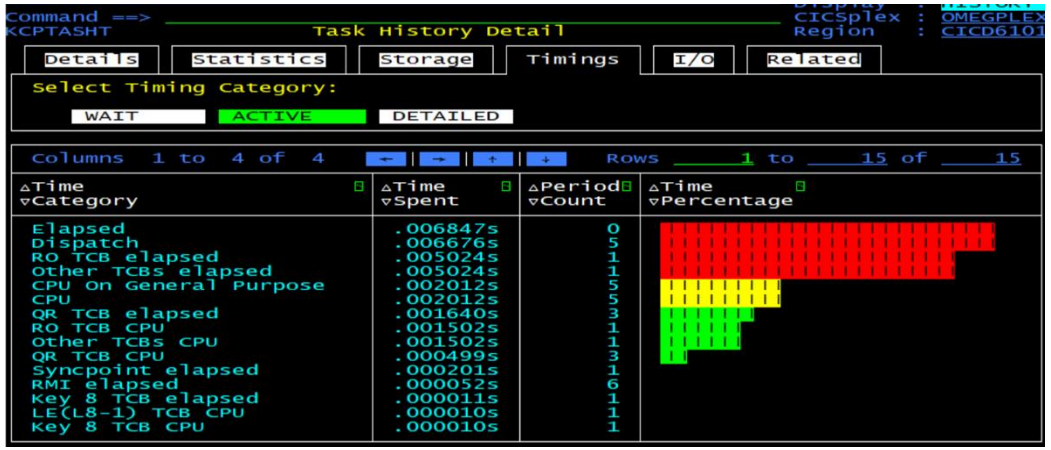
Timings tab is now split into three panels:

- WAIT – values representing where task was idle.
- ACTIVE – breakdown of task's execution times.
- DETAILED lists all the timing categories tracked by OMEGAMON.



New table attribute additions:

- **Period Count** – number of measurement periods during which the Time Spent value was accumulated in the specified category.
- **Time Percentage** - percentage of the overall task's response time where task spent in the specified category.

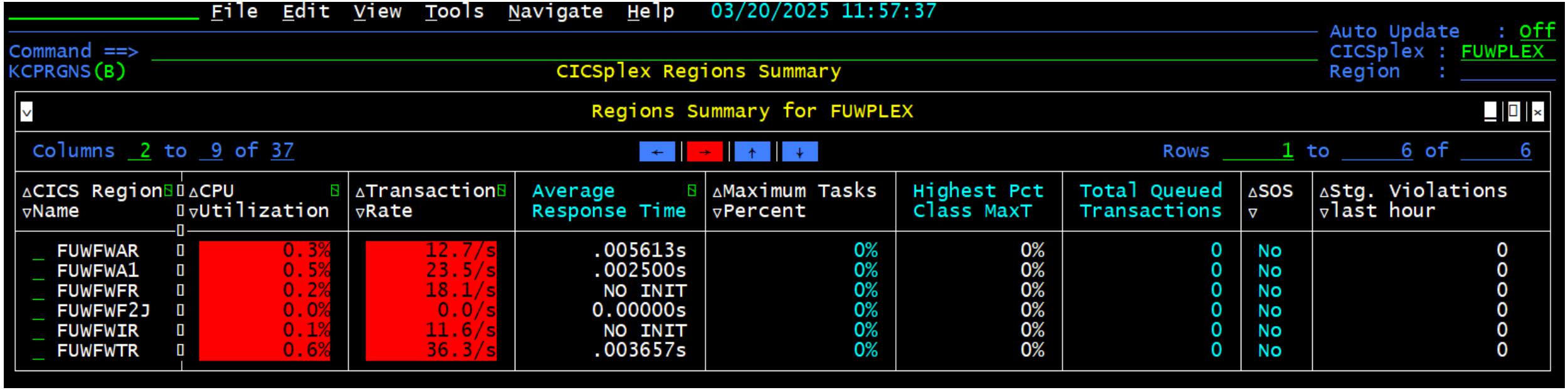


Current Average Response Times

For each CICS region, where OMEGAMON is installed, The transaction rate and average response time will be calculated from the start of the prior minute.

If OMEGAMON is not initialized in a region, the response time will indicate **NO INIT.**

If the OMEGAMON level in a CICS region is below what is required to produce response time data the column will indicate **VERSION**.

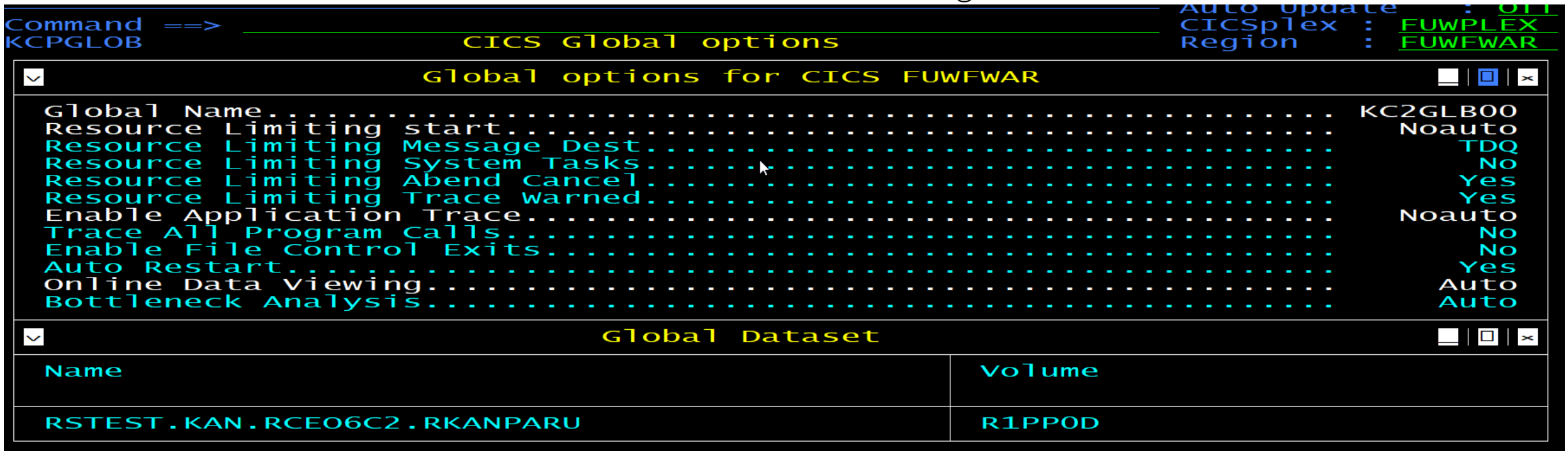


OMEGAMON CICS Global options

The important CICS global options can now be displayed in the Enhanced 3270 User Interface.

Select **C CICS Control functions** for a region and then **G CICS Global Options**.

Included in the information is the dataset name and volume where the global member resides.



IBM Z OMEGAMON AI for CICS Integration

Using dashboards in the Web UI or in E3270UI, you can easily view data across CICS, Db2, MQ, and z/OS Connect

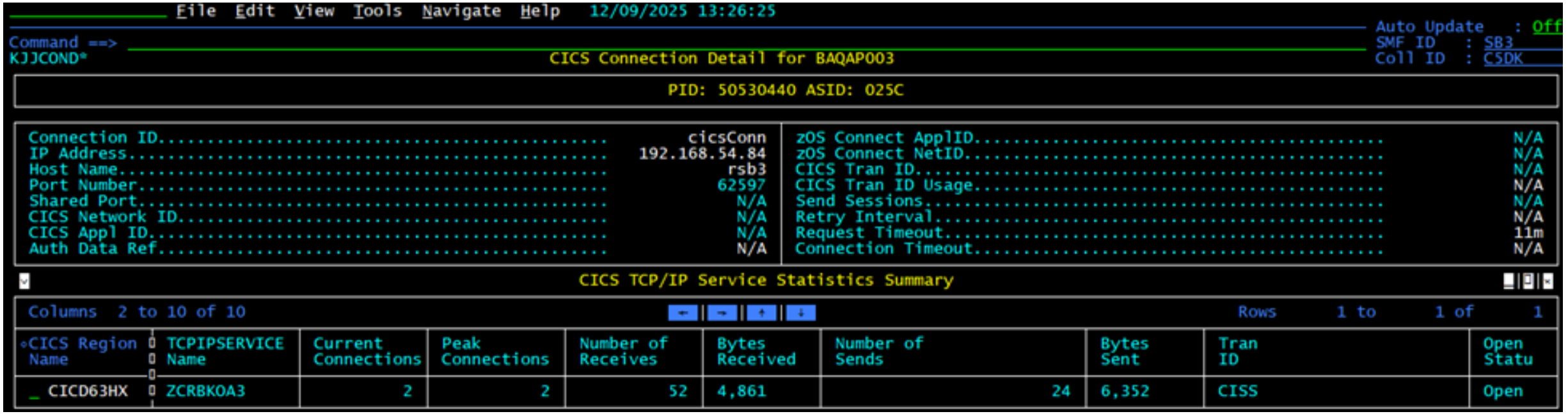
OMEGAMON AI FOR JVM

IBM Z OMEGAMON AI for JVM V6.1.0 Fix Pack 4

APAR OA68582 (UJ98744)

z/OS Connect CICS IPIC metrics

- Surfaces CICS IPIC definition in OMEGAMON for JVM
- Reports IPIC connection statistics
- Dynamically links to OMEGAMON CICS IPIC and TCPIPSERVICE metrics

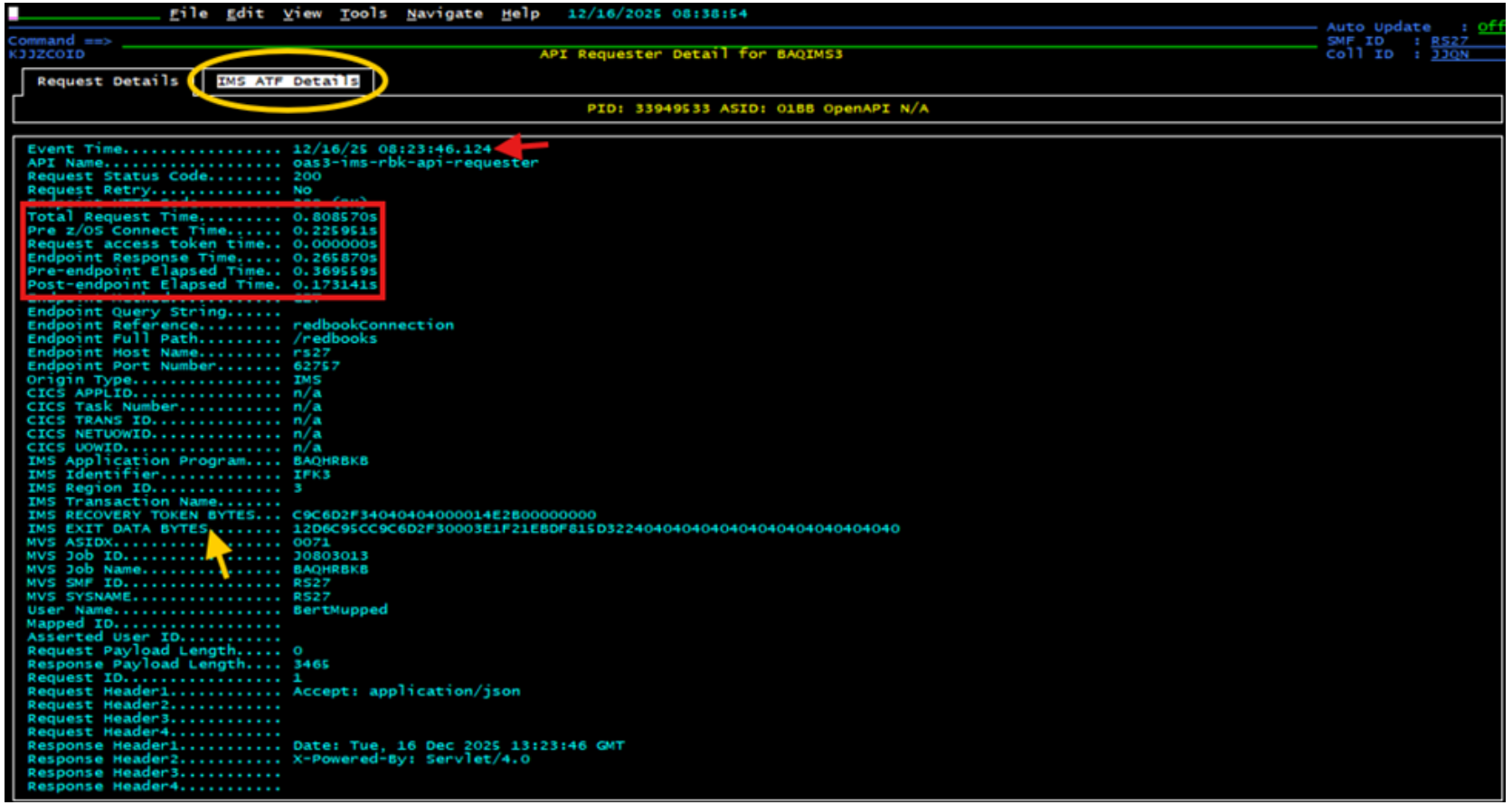


IBM Z OMEGAMON AI for JVM V6.1.0 Fix Pack 4

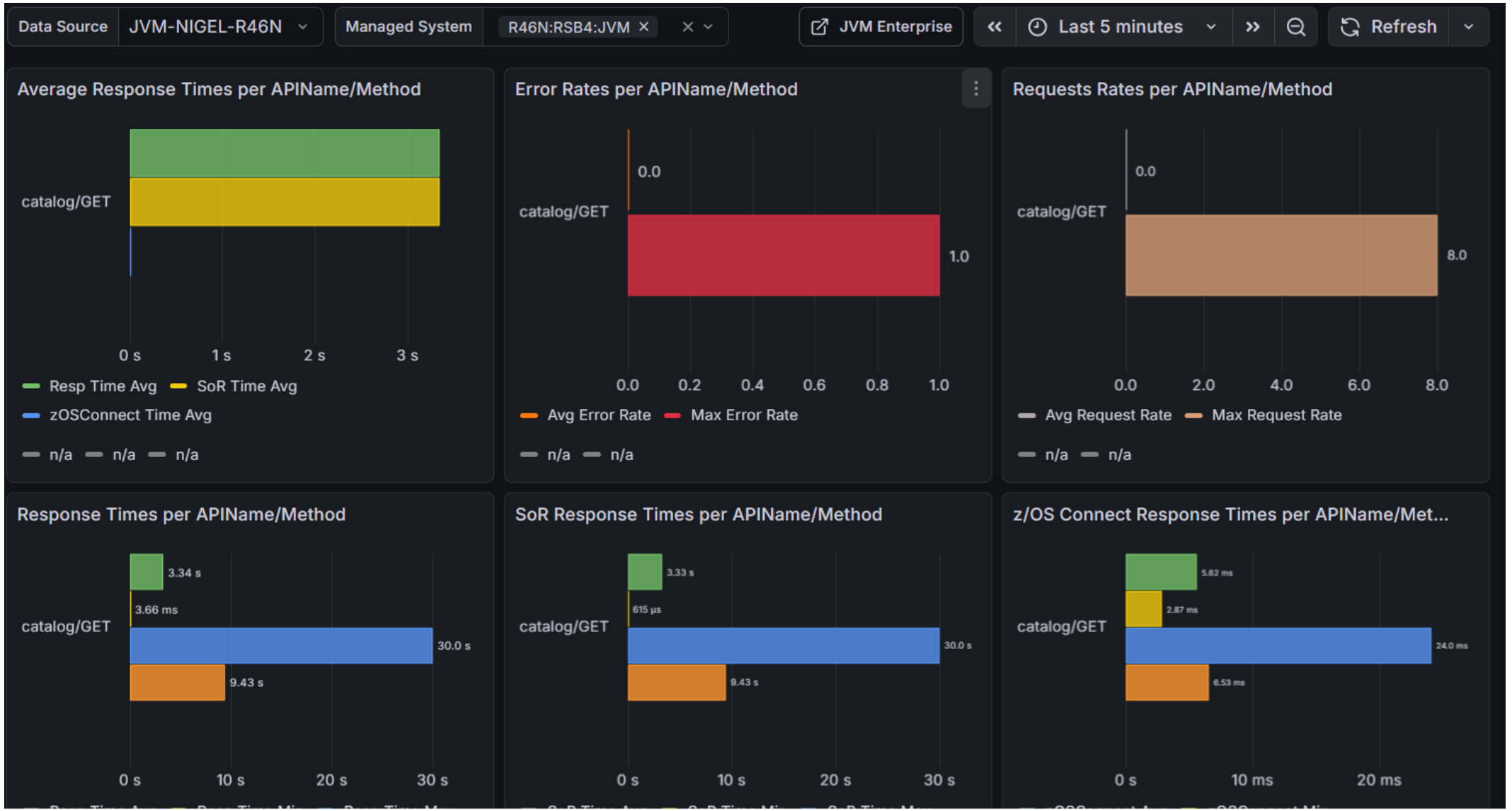
APAR OA68582 (UJ98744)

z/OS Connect IMS Requester metrics

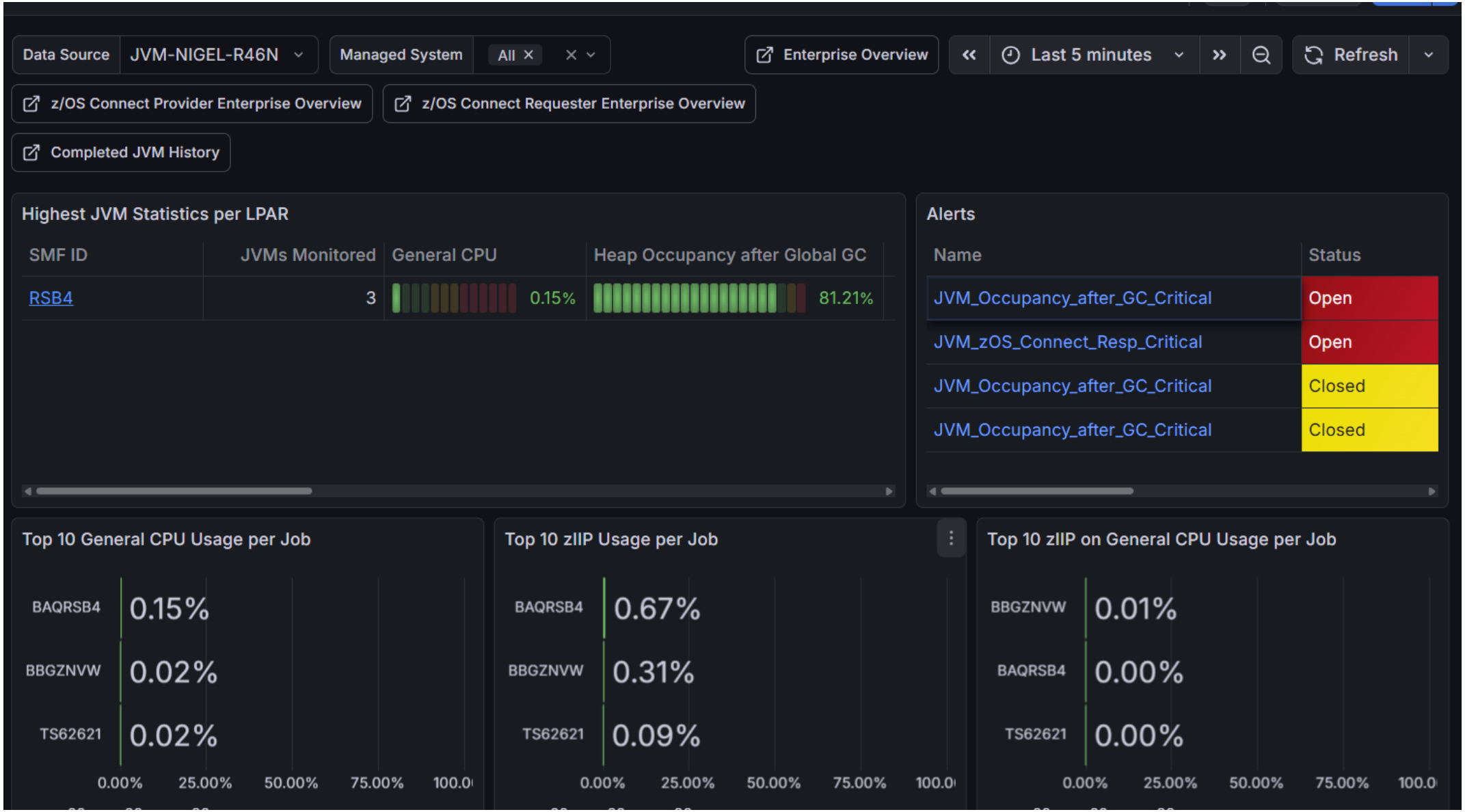
- Exposes IMS Requester Program metrics.
- Dynamically links to OMEGAMON for IMS for requester program.



z/OS Connect Response Times



OMEGAMON AI for JVM alerts – with z/OS Connect



OMEGAMON AI FOR STORAGE

IBM Z OMEGAMON AI for Storage V6.1.0 Fix Pack 1

APAR OA67240 / PTF UJ96553

Expanded zIIP Offloading

- Now includes zIIP offload support for all Datasets and Dataset Attributes Collection
- Reduces general processor (CP) load while increasing zIIP usage (results vary)
- Controlled via parameter: KS3_ZIIP_OFFLOAD=YES|NO (default: YES)

Reduced Payload Size for Real-time Dataset Metrics (RDM)

- Data transferred between RDM plugin in Zowe and IBM Z OMEGAMON AI for Storage 6.1 in TEMS
- Result: Lower network usage and CPU consumption

New Cleanup Parameter for Storage Toolkit

- New parameter: KS3_TOOLKIT_DELETE_AFTER_DAYS
- Default = 0 (disabled)Allows automatic deletion of Storage Toolkit results older than a set number of days.
- Example: Set to 365 to delete results over a year old at each startup.

More feature highlights in V6.1.0 added in 2025

Show online/offline devices for various classes

- Tape
- DASD
- Display,
- Unit Record
- C2C Adapter
- Communications.

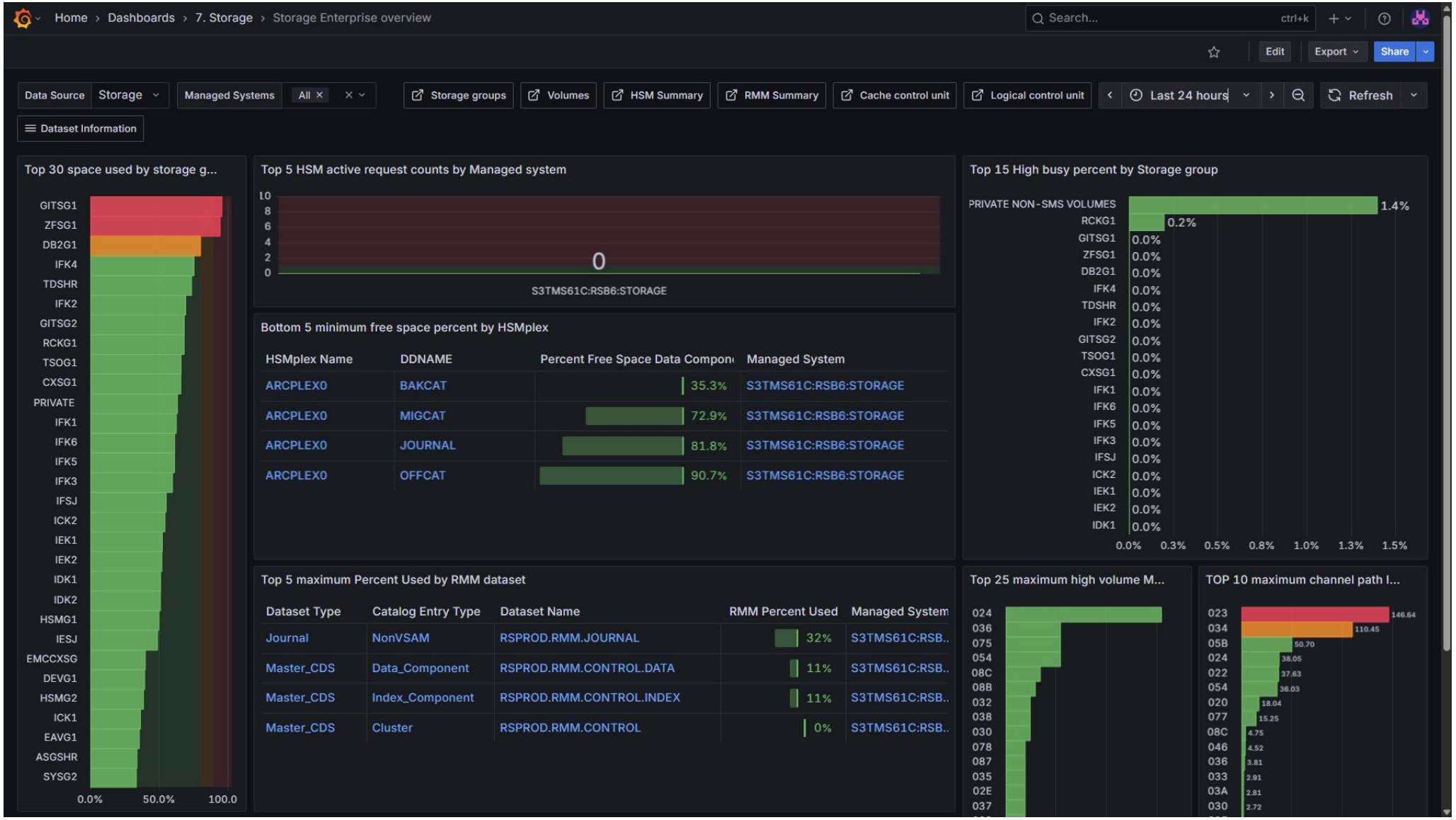
Volume Event Feature

- Track Volume ONLINE/OFFLINE status change

Catalog Data

- Catalog datasets and how many times they could be extended on the volume
- Number of Aliases, Alias Density, HARBA, HURBA and other various fields

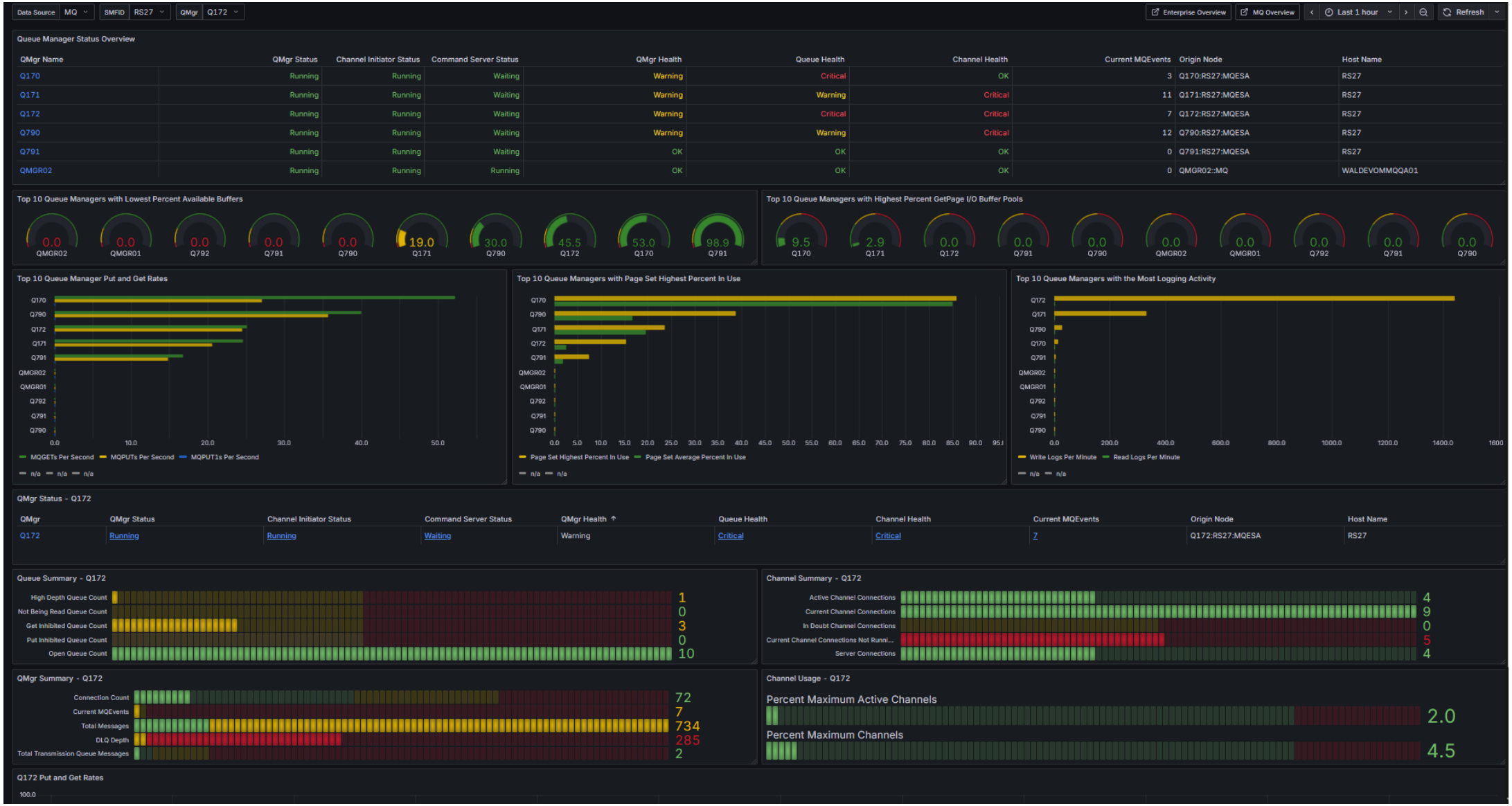
Web UI Dashboards for Storage



OMEGAMON FOR MESSAGING

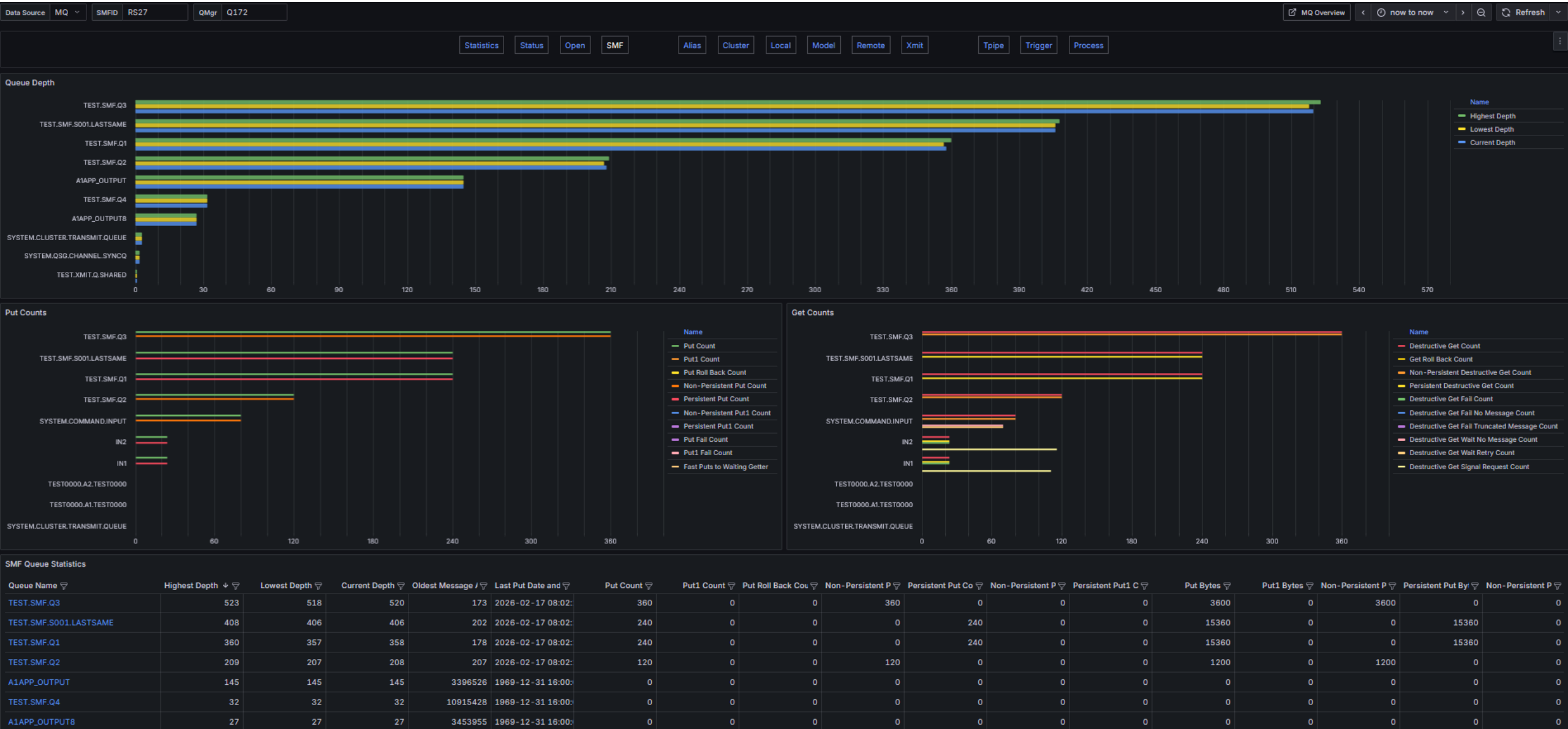
IBM OMEGAMON for Messaging on z/OS V7.5.0 Dashboards

Several Grafana dashboards are now available for viewing monitoring data



IBM OMEGAMON for Messaging on z/OS V7.5.0 Dashboards

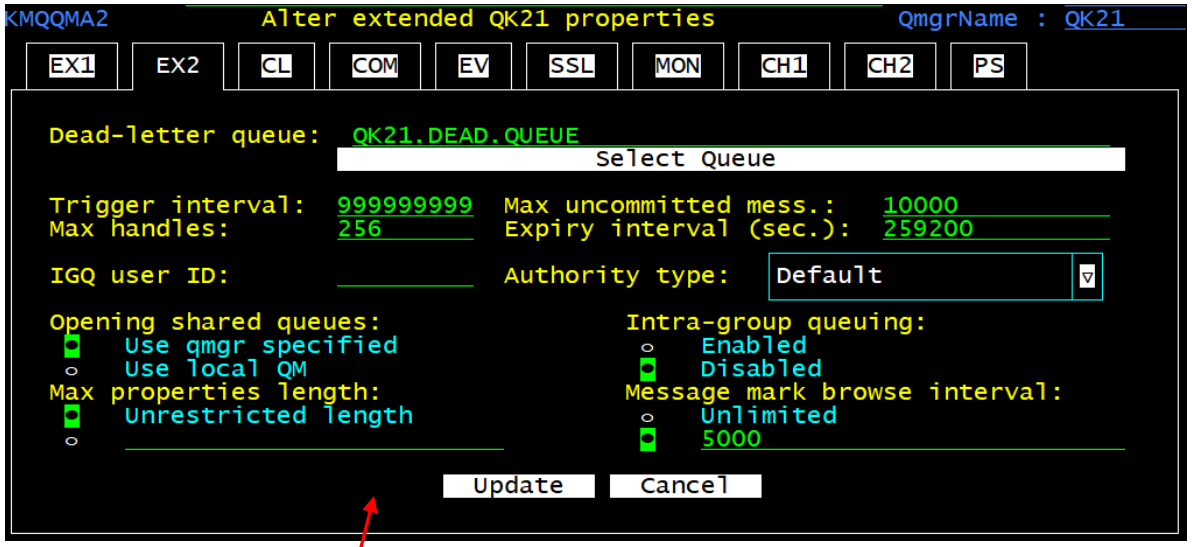
Supports new SMF Queue Statistics – also workspaces, situations and history

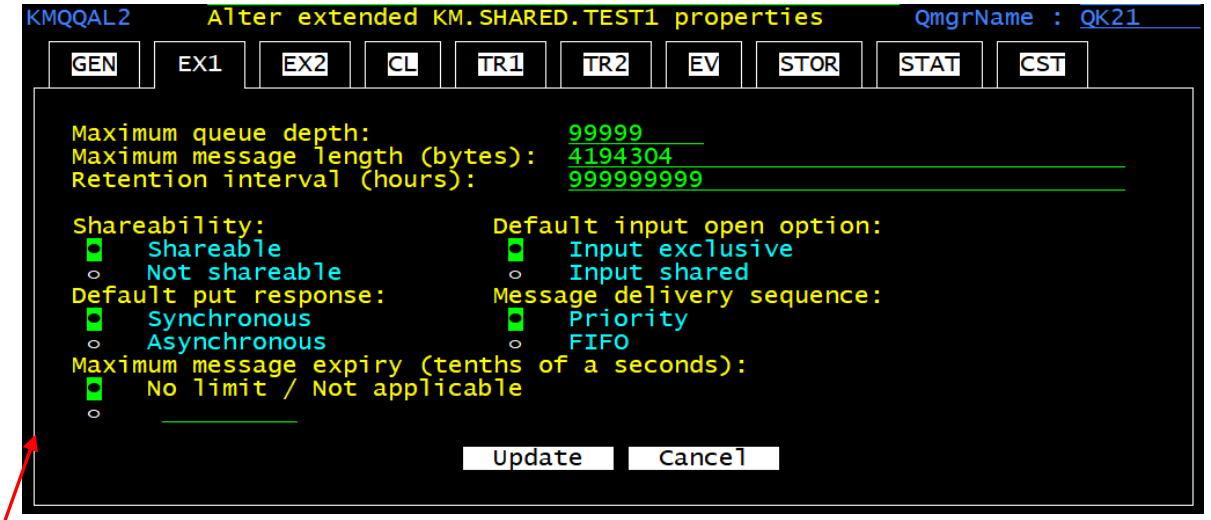


Queue Name	Highest Depth	Lowest Depth	Current Depth	Oldest Message /	Last Put Date and	Put Count	Put1 Count	Put Roll Back Cou	Non-Persistent P	Persistent Put Co	Non-Persistent P	Persistent Put1 C	Put Bytes	Put1 Bytes	Non-Persistent P	Persistent Put By	Non-Persistent P
TEST.SMF.Q3	523	518	520	173	2026-02-17 08:02:	360	0	0	360	0	0	0	3600	0	3600	0	0
TEST.SMF.S001.LASTSAME	408	406	406	202	2026-02-17 08:02:	240	0	0	0	240	0	0	15360	0	0	15360	0
TEST.SMF.Q1	360	357	358	178	2026-02-17 08:02:	240	0	0	0	240	0	0	15360	0	0	15360	0
TEST.SMF.Q2	209	207	208	207	2026-02-17 08:02:	120	0	0	120	0	0	0	1200	0	1200	0	0
A1APP_OUTPUT	145	145	145	3396526	1969-12-31 16:00:	0	0	0	0	0	0	0	0	0	0	0	0
TEST.SMF.Q4	32	32	32	10915428	1969-12-31 16:00:	0	0	0	0	0	0	0	0	0	0	0	0
A1APP_OUTPUT8	27	27	27	3453955	1969-12-31 16:00:	0	0	0	0	0	0	0	0	0	0	0	0

IBM OMEGAMON for Messaging on z/OS V7.5.0 Fix Pack 8

Adds enhanced 3270UI admin capabilities for queue managers, queues, and channels



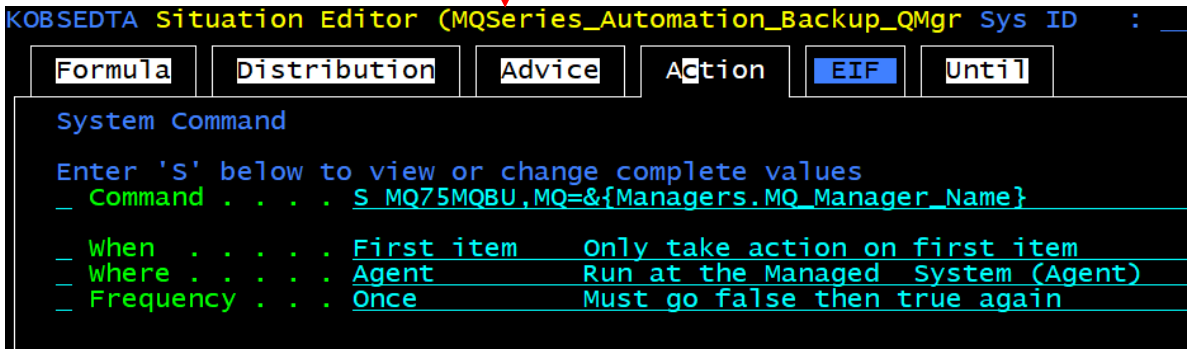


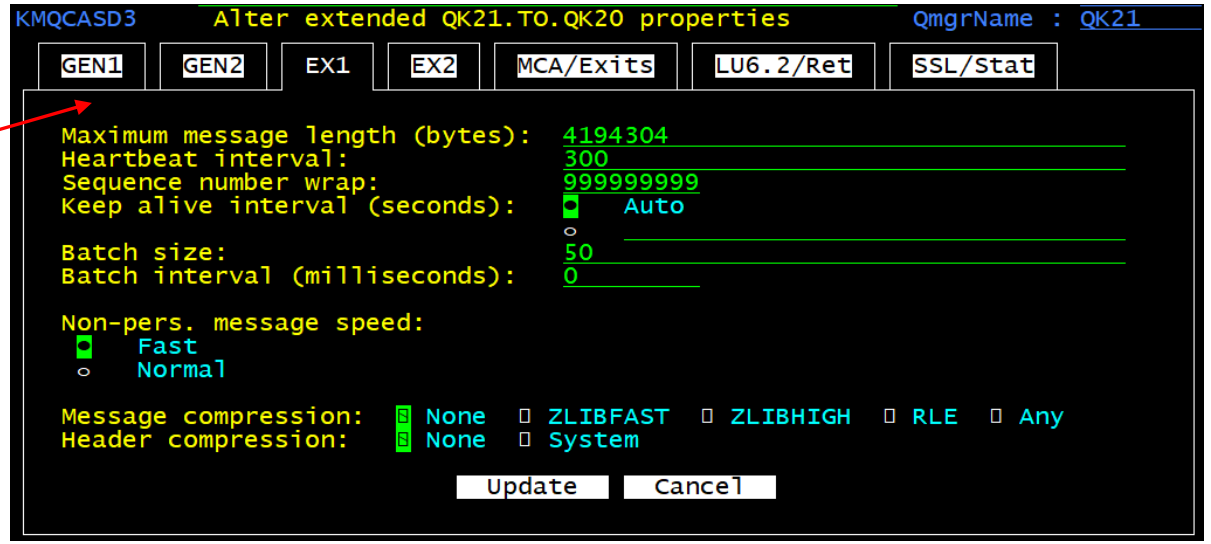
Alter Queue Manager

Backup Queue Manager Action

Alter and Create Queue

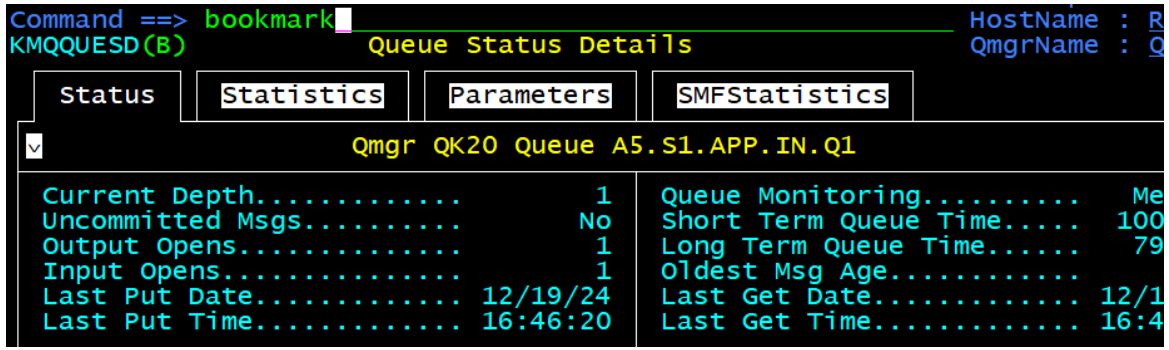
Alter and Create Channel

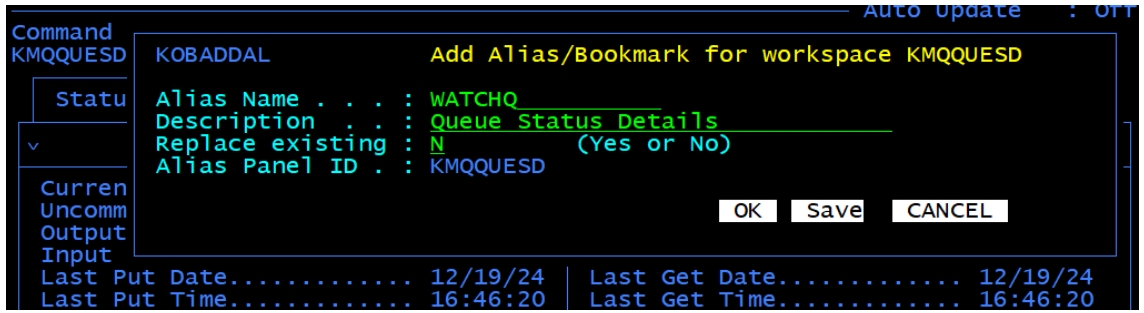


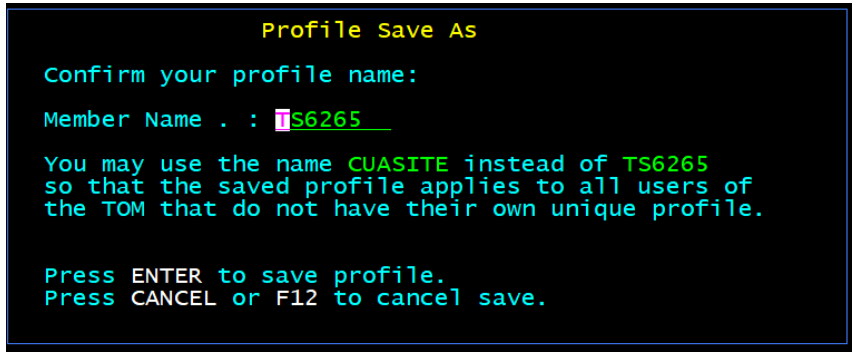


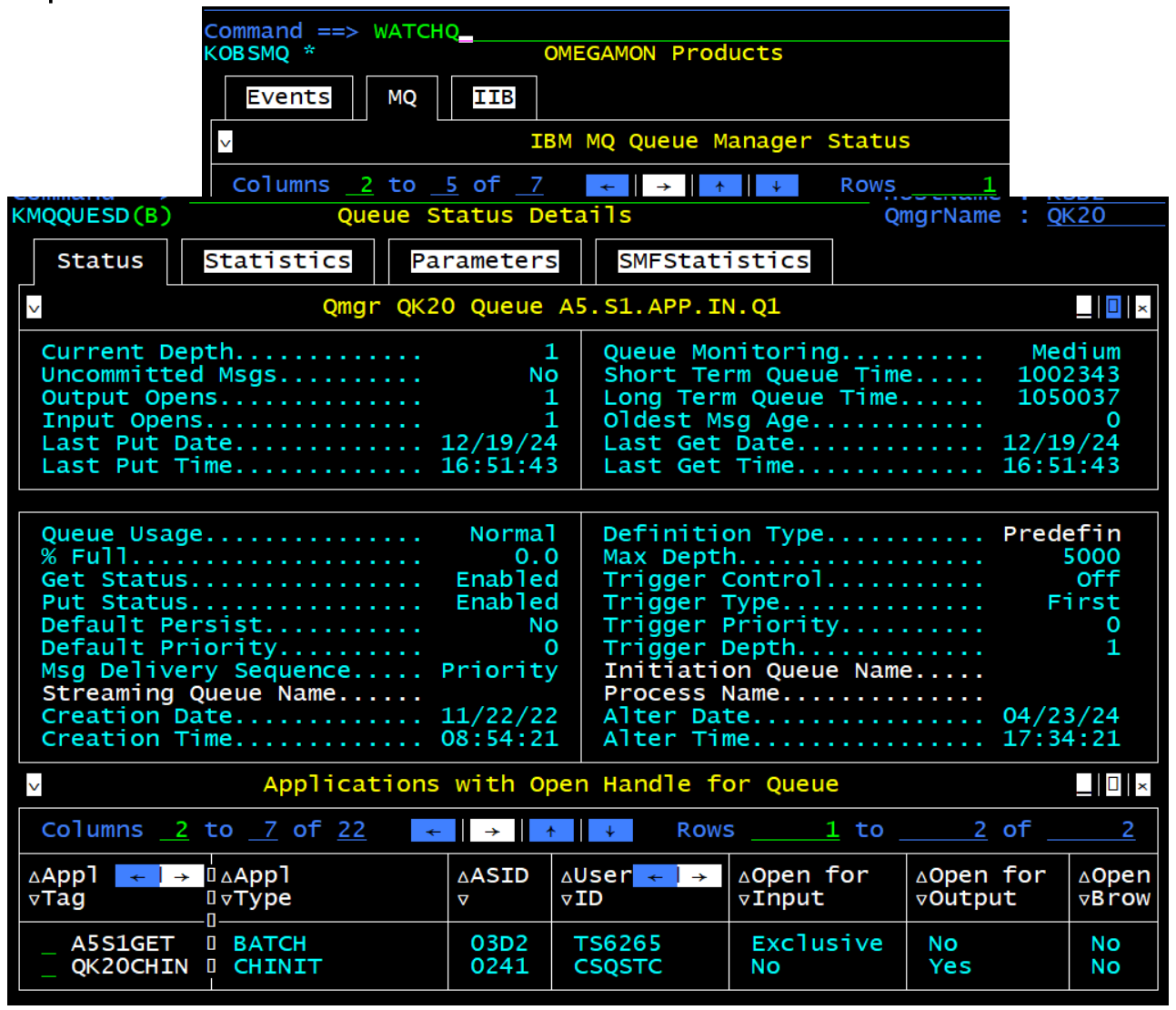
IBM OMEGAMON for Messaging on z/OS V7.5.0 Fix Pack 8

Now you can bookmark your favorite workspaces in the enhanced 3270UI









IBM OMEGAMON for Messaging on z/OS V7.5.0 Recent Updates

Other changes include:

- Add more Log Data Set Status attributes about Relative Byte Address (RBA) usage, like queue manager start RBA, percent RBA used, and percent RBA increased (since queue manager start) so that you can check the usage occurring in your queue managers.
- Add agent standard start WTO messages for detection that your agent started okay or with errors.
- Improve Channel Status performance when multiple situations are active.
- Add SET SMF agent parameter statement to optionally allow changing defaults for SMF capture, such as for limiting agent to process only certain SMF Type 115 subtypes.
- Add the version of queue manager to first workspace.
- Add options available on the first workspace for fast-path to details about queues and channels.
- Add optional fast start workspace for KOBSMQ showing monitored queue managers with all the usual options available for each.
- Make several currency and quality updates.

IBM OMEGAMON for Messaging on z/OS V7.5.0 Recent Updates

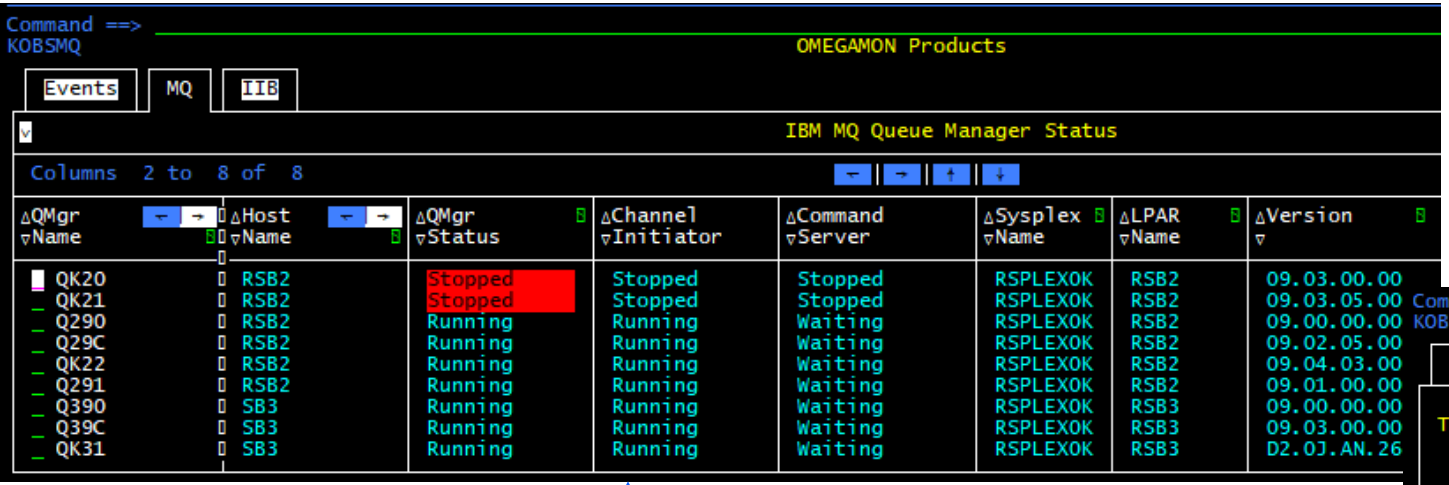
Latest levels to install, which will pull in all these nice updates:

HKMQ750:

APAR: OA68732
PTF: UJ98755
Fix Pack in Fix Central: **7.5.0-TIV-KMQ-FP0009**

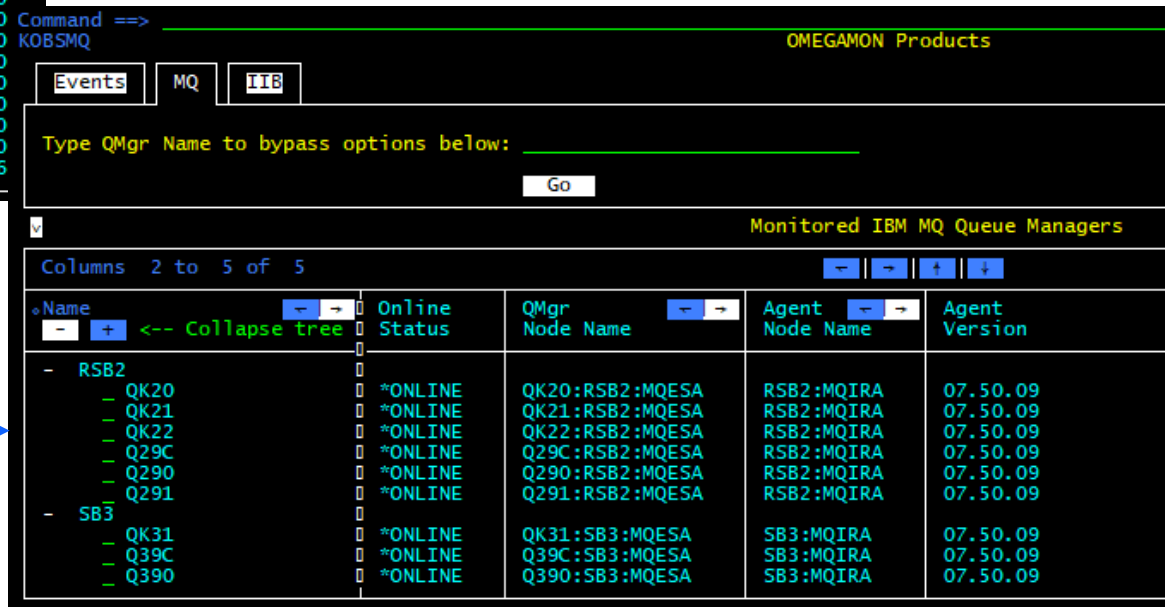
HKQI750:

APARs: OA68731 OA67490
PTFs: UJ98756 UJ96730
Fix Pack in Fix Central: **7.5.0-TIV-KQI-FP0009**



Usual/default KOBSMQ

Optional fast-start KOBSMQ



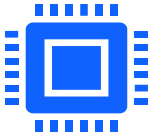
OMEGAMON FOR IMS

2025: Significant Improvements and Enhancements

The New and Improved IMS Agent

User Experience

Performance & CPU improvements

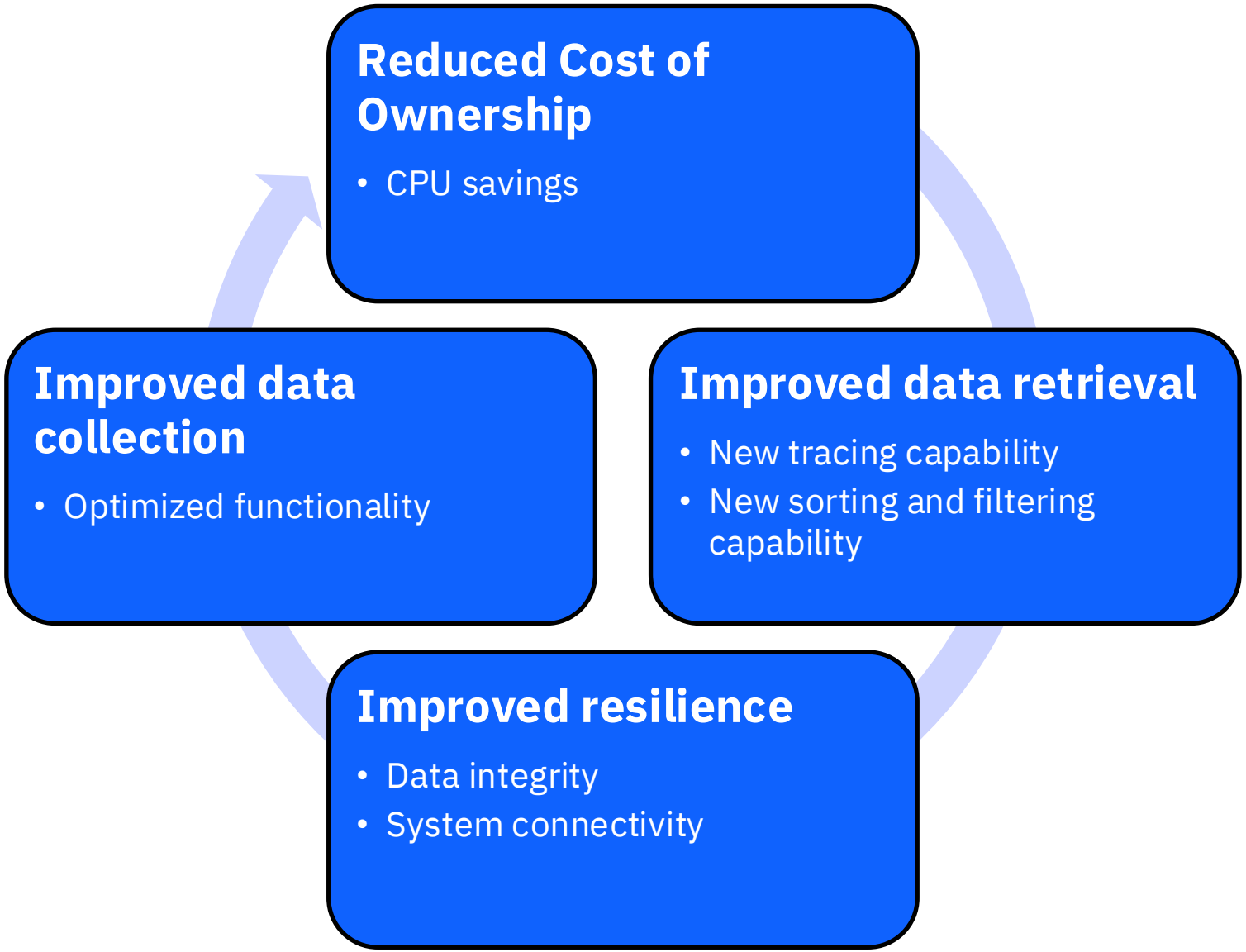


Responsiveness

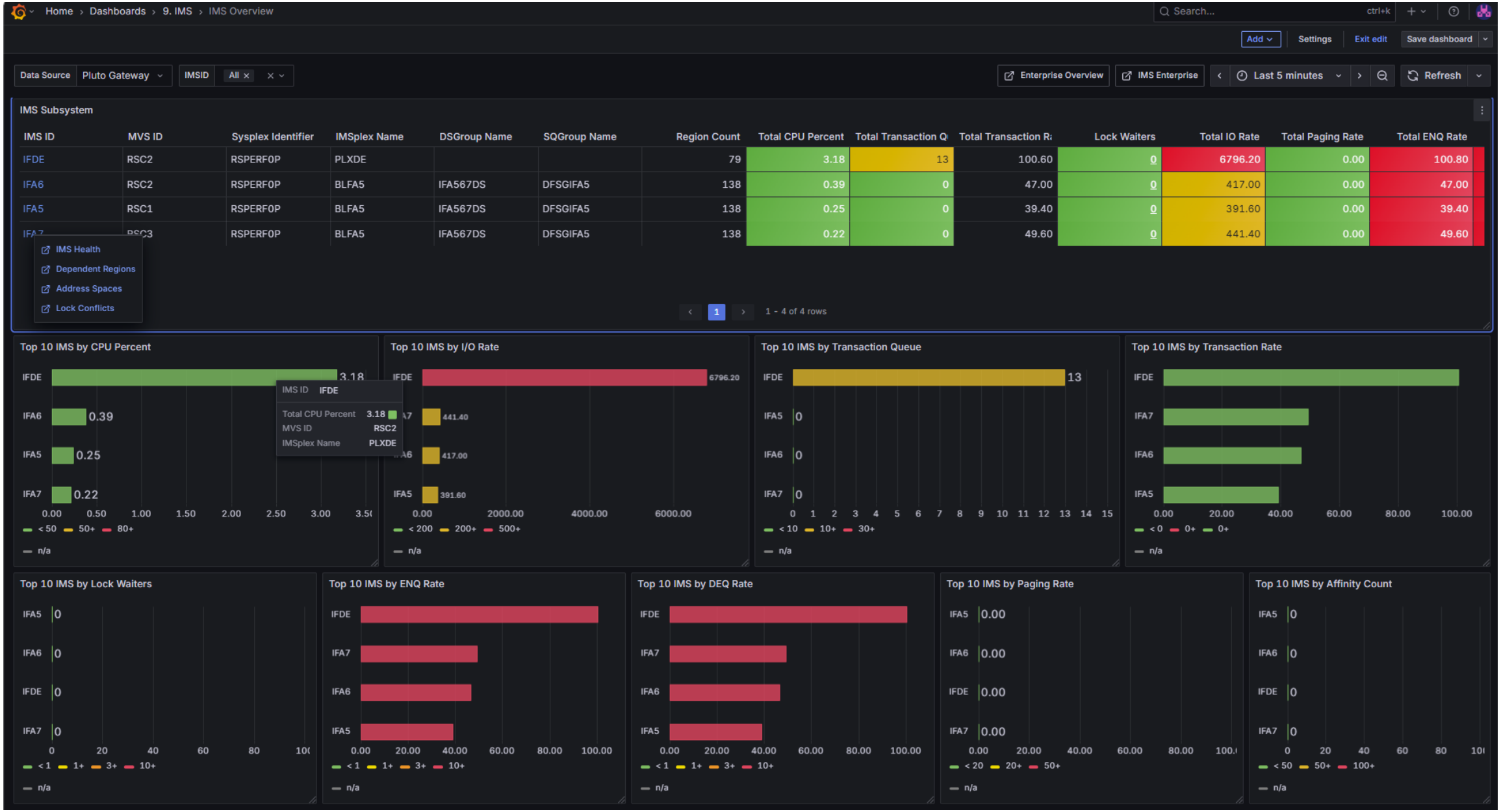
Modernization

Resilience

2025: Highlights



OMEGAMON for IMS monitoring in OMEGAMON Web UI



2025: Ideas and APARs Delivered

Ideas Delivered

OMEG4IMS-I-30	Clients can easily see status and occupancy of different IMS pools in real time, and be able to set high water marks to trigger alerts and help with capacity planning
OMEG4IMS-I-28	Increased the number of rows returned by Application Trace Facility (ATF) in the e3270UI so that clients can get more ATF data based on their environment's needs
OMEG4IMS-I-24	Added the ability to filter by Response Time / Queue time in ATF to capture all transactions that, maybe its elapsed time its good, but it had some queue time or response time before starting its execution
OMEG4IMS-I-22	Added row-Level access for all KI2_CLASSIC_ATF_* parameters to help preserve settings when a GENERATE is executed
OMEG4IMS-I-11	Changes in KIPIMTRP can be dynamically activated in IMS Commander
OMEG4IMS-I-9	When reviewing ATVW and ATVD panels clients can now get details about z/OS Connect invocations
OMEG4IMS-I-16	On panel KIPDEPS (e3270UI), added the ability to filter by Class
OMEG4IMS-I-15	On panel KIPDEPS (e3270UI), added the ability to list only PWFI regions
OMEG4IMS-I-8	On panel KIPDEPS (e3270UI), added the ability to include a column with the defined classes for each the regions
OMEG4IMS-I-14	On panel KIPDEPS (e3270UI), added the ability to show a column identifying which regions are PWFI=Y
OMEG4IMS-I-12	Clients can see IMS transactions that were called by an API (like from z/OS Connect)
OMEG4IMS-I-1	Clients can see IMS transactions abends info in the e3270ui

APARs Delivered

OA68964	RTA improvements
OA68476	Misc. improvements and fixes
OA67991	Support z/OS 3.2
OA68590	E3270UI improvements
OA68469	ATF query performance improvement
OA68318	ATF maintenance
OA68171	Security
OA68002	Security
OA68060	ATF maintenance
OA67736	IMS 15.6 toleration
OA67818	ATF maintenance
OA67448	Commander support plex-wide Type-2 commands
OA67658	Usability improvement for Classic startup
OA67385	ATF grouping improvement for queries
OA67491	Java certificate update
OA67323	RTA improvement for shared Q
OA67324	Commander maintenance for /STOP REGION command
OA67210	Misc. ATF improvements and fixes

OMEGAMON
LIFECYCLE UPDATES

Releases and lifecycle

Upcoming end of Support

August 31, 2026 - Announcement
- IBM Z Service Management Suite 1.8.x[1,2]
- IBM OMEGAMON for z/OS 5.x.x[3]
- IBM OMEGAMON for Networks on z/OS 5.x.x[3]
- IBM OMEGAMON Dashboard Edition on z/OS 5.x.x[4]

April 30, 2027 - Announcement
- IBM Z Service Management Suite 2.2.x
- IBM OMEGAMON for Db2 Performance Expert on z/OS 5.5.x

June 30, 2027 - Announcement
- IBM Z Service Management Suite 2.3.x, and 2.4.x
- IBM Z Monitoring Suite 1.3.x, and 1.4.x
- IBM Z OMEGAMON for CICS 5.6.x

Passed end of Support

April 30, 2025 - Announcement
- IBM Z OMEGAMON for CICS on z/OS 5.5.x

April 30, 2025 - Announcement
- IBM Z OMEGAMON for JVM 5.x.x

August 29, 2025 - Announcement
- IBM Z OMEGAMON for Storage 5.4.x

November 30, 2025 - Announcement
- IBM Z Monitoring Suite 1.2.x

December 31, 2025 - Announcement
- IBM Z Service Management Suite 1.7.x[1,2]

New Solution Releases

June 2025 - Announcement
- IBM Z OMEGAMON Data Requester 1.1 (Grafana® plugin – foundation for Web UI)

November 11, 2025 – Announcement
- IBM Z OMEGAMON Web UI 2.1
- IBM Z OMEGAMON AI Insights 2.2
- IBM Z Service Management Suite 3.3
- IBM Z Monitoring Suite 2.3
- IBM Z Integration for Observability 6.3

[1] Clients with Service Management Suite V1.x can migrate / upgrade to Service Management Suite V3.
Contact your IBM representative.

[2] Clients moving to Db2 13 ***must*** upgrade to IBM Z OMEGAMON AI for Db2 6.1.

[3] Clients with OMEGAMON for z/OS and OMEGAMON for Networks on z/OS 5.5 can migrate / upgrade to OMEGAMON AI for z/OS V6.1 and OMEGAMON AI for Networks V6.1.
Contact your IBM representative.

[4] Clients with OMEGAMON Dashboard Edition on z/OS can trade up to IBM Z Integration for Observability V6.x.
Contact your IBM representative.

OMEGAMON ENGAGEMENT

Be part of the OMEGAMON Story

Customer Advisory Council

Provide critical feedback on the current and future state of IBM OMEGAMON.
Either in-person events at IBM TechXchange or two virtual events.

Active Betas

Ask to participate in the ongoing product enhancements coming to OMEGAMON.

Regional Events

Regional events are being planned throughout the year to engage with OMEGAMON experts.
Keep an eye out on the IBM Z Community Blogs and your local IBM team!

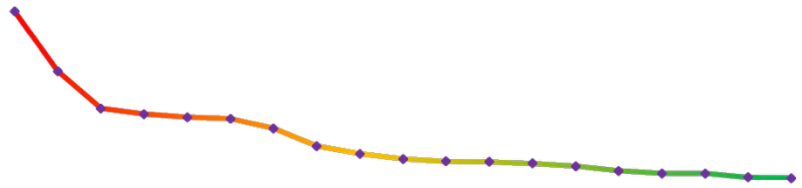
https://ibm.biz/omegamon-community

Are you in control of your Monitoring CPU Costs?

We've worked with many customers and the results were staggering

(CPU s / min) / LPAR

- Each point on this graph is a different customer
- All of them were interested in tuning
- Some appreciated where they were



Do you know where you stand?

"The tuning resulted in more than 50% CPU savings for OMEGAMON tasks."

— Claus Ejner Mikkelsen, Leading Financial Services Group in the Nordics

Upgrade to the latest versions for the best performance

- Faster, more efficient architecture
- Lower costs through zIIP offload
- Ongoing performance improvements

Book a free 30-min tuning session. Email zconcierge@rocketsoftware.com

Experience more with IBM

Visit us at the IBM Booth #113

After a full day of technical sessions, take a break with us!

Connect with our experts, snap a photo with the z17 Plexi or the latest Telum II, and get an up-close look at our Spyre Accelerator.

Come back each day for fresh topics and demos at our expert stations.

Think 2026

Join 5000+ senior business and technology leaders who are seizing the AI revolution to unlock unprecedented growth and productivity at Think 2026.

Find out more information using the QR code below.

IBM Digital Asset Haven

IBM Digital Asset Haven is the operational backbone for financial institutions and regulated enterprises entering the digital asset economy.

Find out more information using the QR code below.

SHARE
EDUCATE • NETWORK • INFLUENCE

Session feedback

Thank you