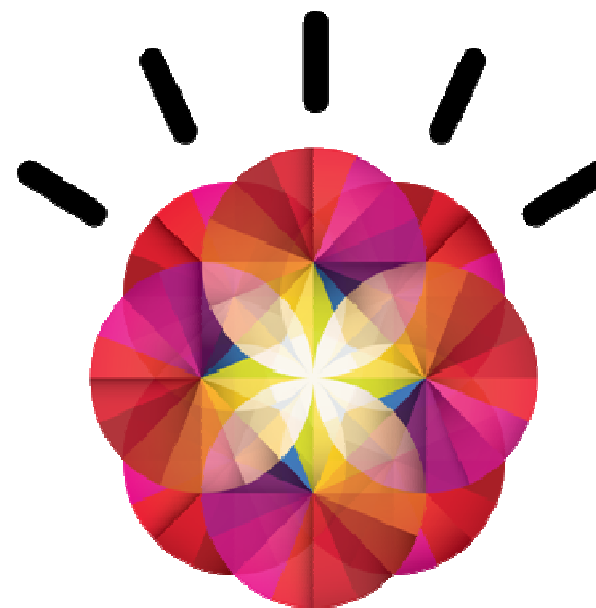# IBM's System z Forum

System z Software Update

Steve Talbot-Walsh
System z s/w IT Architect (zSWITA)

System z Software Update

Agenda

- System z S/W A/NZ Technical Sales Team

- System z S/W Technical Account Management

- System z S/W Customer Advocacies

- z/OS Security Health-check

- System z S/W Q1 2012 Announcements (Summary)

IBM System z S/W A/NZ Technical Sales Team

- Catherine Hawkins   Technical Sales Manager (chawkins@au1.ibm.com)

- Nigel Bland   Consulting IT Specialist (nigel_bland@au1.ibm.com)

- Mike Cairns   Consulting IT Specialist (mike.cairns@au1.ibm.com)

- Paul Matthews   Consulting IT Specialist (pmatthews@au1.ibm.com)

- Andrew Mattingley   System z S/W IT Architect (andrew_mattingley@au1.ibm.com)

- Steve Talbot-Walsh   System z S/W IT Architect (stwalsh@au1.ibm.com)

System z S/W Technical Account Management

What is it?

- Like the old "IBM SE" Role

- Regular pro-active technical engagement (i.e. not a sales engagement)

- An assigned System z S/W Technical Sales team member

- NOT a replacement or bypass of the standard IBM support service/process

Why?

- Assists with System z issues, provides general System z-related advice and guidance, technical enablement and conduit to rest of local IBM System z team … and beyond

- Has been requested by customers and is recognised within IBM as a "value add" service

Can I have one?

- Yes, but you may have one already !

System z S/W Customer Advocacies

What is a Customer Advocacy?

- Part of the IBM "Unleash the Labs" initiative

- A valued relationship between the customer and a product development lab

- Is a "window" into a product to assist with the customer's use of a product

- An enhanced point of contact for consultancy and advice relating to a product and a conduit for the customer to provide general feedback (but not a requirements gathering mechanism)

What is a product Advocate?

- Typically a member of the product lab (e.g. an architect, developer, tester etc.)

- Has an understanding of the product strategy and the product portfolio

- Is NOT a technical expert on every aspect of the product portfolio, but has a network within the product team and can leverage that

System z S/W Customer Advocacies – Contd.

For which products do IBM offer a Customer Advocacy?

- The major z/OS Subsystems and selected program products

- Current focus is on CICS, IMS and zSecure Suite

Can I have one?

- Possibly, it depends …

- Contact a System z S/W Technical Sales team member to discuss

z/OS Security Health-check

Highlights …

- A no-charge 2-day onsite engagement

- Provides customer with a better understanding of their current enterprise compliance and risk posture based on the existing security controls of one z/OS environment

- Designed to detect configuration conflicts and exposures in the Trusted Computing Base and Privileged Users and their ability to bypass RACF/CA-ACF2 security controls or cause risk of system crash

- Also highlights conditions that may represent, at a high-level, significant security risks or potential compliance failures

- Undertaken by a System z Security specialist and utilizes the IBM Security zSecure Suite

- Major deliverable is a report detailing findings, conclusions and recommendations

System z S/W Q1 2012 Announcements

Business Analytics/Data Management

- **InfoSphere Optim Self Service Center** - for Test Data Management, streamlines test data delivery and management for improved operational efficiencies dramatically reducing delivery speeds.

  http://www-01.ibm.com/software/data/optim/self-service-center/

- **IBM DB2 Data Analytics Accelerator** - blends System z and Netezza technologies to deliver unparalleled, mixed-workload performance for complex analytic business needs.

  http://www-01.ibm.com/software/data/db2/zos/analytics-accelerator/

- **IBM Smart Analytics System 9700/9710** – an integrated solution of hardware, software and services that enables you to rapidly deploy cost-effective, game changing analytics across the business.

  http://www-03.ibm.com/systems/z/solutions/dataserving/

System z S/W Q1 2012 Announcements – Contd.

Application Infrastructure

- **CICS Transaction Server (TS) for z/OS Developer Trial v4.2** – lets you experience and assess the value of upgrading to CICS TS v4.2 without incurring license charges or initiating a Single Version Charging (SVC) period.
  http://www-01.ibm.com/software/htp/cics/cicsdt/index.html

System z S/W Q1 2012 Announcements – Contd.

Application Development

- **Application Portfolio Management v2** – employs a cyclical process using information and analytics to drive objective, transparent decisions around investing, consolidating, modernizing or replacing applications. This capability allows you to shift cost from maintenance and operations to innovation and new business development.
http://www-142.ibm.com/software/products/us/en/category/SW44A

- **COBOL Vnext Beta Compiler** - incorporates leading-edge optimization and code generation technology with improved performance and System z utilization. The new beta compiler incorporates the latest technology of the zEnterprise, making it a solid foundation for COBOL applications. **This closed beta is by invitation only; contact your IBM representative for more details.**

System z S/W Q1 2012 Announcements – Contd.

Monitoring/Storage

- **IBM Tivoli OMEGAMON v5.1** - features improved installation, maintenance and management; integration of CICSplex and z/OSplex information into a single, enhanced 3270 UI; and support for CICSplex level reporting.
  http://www-01.ibm.com/software/tivoli/products/omegamon-xe-zos/

- **IBM Tivoli Advanced Storage Management Suite for z/OS v1.1** - is a feature-rich consolidated offering of four key storage management, audit and reporting products:
  - IBM Tivoli Advanced Audit for DFSMShsm v2.4
  - IBM Tivoli Advanced Reporting and Management for DFSMShsm v2.4
  - IBM Tivoli Advanced Catalog Management for z/OS v2.4
  - IBM Tivoli Advanced Allocation Management v3.2
  http://www-01.ibm.com/software/tivoli/products/advanced-storage-mgmt-suite-zos/

- **IBM Tivoli OMEGAMON XE for Storage for z/OS** - provides the strongest overall storage management capabilities for your business.
  http://www-01.ibm.com/software/tivoli/products/omegamon-xe-storage/

CICS TS Developer Trial v4.2

Highlights …

- CICS TS Developer Trial v4.2 is a 'try-before-you-buy' edition of CICS TS v4.2.
  - It has a zero cost licence charge ($0 OTC IPLA, + $0 OTC S&S)
  - It does not initiate any Single Version Charging (SVC) period
  - Can be reordered as many times as a customer wants (the $0 S&S provides entitlement)

- CICS TS Developer Trial is designed for customers who want to…
  - assess the value that could be gained from a CICS TS upgrade, prior to making an upgrade decision
  - evaluate the latest CICS TS capabilities, in a non-production environment
  - 'kick the tyres' before committing resources to a full production migration project
  - conduct Proof of Technology (PoT) evaluations on the complete set of CICS TS v4.2 capabilities

- CICS TS Developer Trial v4.2 has the same capabilities as the full CICS TS v4.2.
  - It can be used to evaluate how the latest capabilities in CICS TS v4.2 can be further enhanced and augmented with the latest capabilities of other IBM offerings, including those from the Rational, Tivoli, WebSphere and Information Management brands.
  - Customers are encouraged to deploy the CICS TS Developer Trial v4.2 into their Rational Developer for System z UT environments, so their CICS application developers can explore the latest features of CICS in a dedicated, low-cost System z environment.

CICS TS Developer Trial v4.2 – Contd.

- CICS TS Developer Trial has a number of imposed technical and non-technical restrictions:

  - **Licensing Terms and Conditions:**
    - It is designated as "Non-Production"
    - It can only be deployed as part of an internal development and test environment for non-production activities.

  - **Technical restrictions:**
    - Although all the latest features and capabilities are provided, there are performance and capacity restrictions.
    - These are designed to significantly limit the overall workload that can be run in the system at any given time.
    - For more details visit the CICS TS Developer Trial Information Center.

  - **Fixed expiry date:**
    - The offering will providing at least 90 days operation from the date of fulfilment.
    - New releases can be installed to extend this period.
    - There is no limit to the number of times CICS TS Developer trial can be reordered, installed and used.

  - **Program support restrictions:**
    - Formal program support is not provided with CICS TS Developer Trial.
    - Support enquiries can be submitted via a IBM developerWorks forum.
    - Updated releases containing the latest service fixes, will be made available by IBM periodically.

IBM Tivoli OMEGAMON XE v5.1

Highlights …

- IBM Tivoli OMEGAMON XE on z/OS, IBM Tivoli OMEGAMON XE on z/OS for CICS and IBM Tivoli OMEGAMON Dashboard Edition for z/OS (announced 7th February, 2012)

- Represents a major client-driven architectural re-design of the OMEGAMON family with involvement from over 40 clients across North America and Europe

- Redesigned user interface provides expansive enterprise view with integrated "single pane of glass" visibility into z/OS performance, availability and management

- Built-in best practice based on problem-solving scenarios streamline and expedite problem resolution

- Use of fewer compute resources through the intelligent use of System z specialty (zIIP) processors

- Simplified installation and significant reductions in time-to-value

IBM Tivoli Asset Discovery (TADz) v7.5

Highlights …

- Optimized Dorana foundation

- Better "out of the box" discovery quality, easier deployment and faster performance

- New Analyzer component – Interactive browser-based UI connects direct to z/OS-based Analyzer – generate asset spreadsheets via batch jobs

- Benefits from TADz S/W discovery can be achieved in the first week and ROI increases with continual usage monitoring

- Reduce the risk of unexpected outages (e.g. see who would be impacted by a s/w upgrade, see which products a job is using, see where different maintenance levels are deployed etc.)

- Avoid license compliance violation penalties and plan for mergers, acquisitions and strategic outsourcing

- TADz Proof-of-concept – customer collects raw data (only takes 2-4 hours) and sends it to IBM to import into TADz database. Possible to show results the next day if lab resources have been booked in advance (tadz@au1.ibm.com)

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