MVS Core Technology Project Opening
z/OS Service and APARs

February 4th 2013

Evan Haruta
IBM Poughkeepsie
haruta@us.ibm.com

Trademarks

The following are trademarks of the International Business Machines Corporation in the United States and/or other countries.

- **MVS**
- **OS/390®**
- **z/Architecture®**
- **z/OS®**

* Registered trademarks of IBM Corporation

The following are trademarks or registered trademarks of other companies.

Java and all Java-related trademarks and logos are trademarks of Sun Microsystems, Inc., in the United States and other countries.
Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.
Microsoft, Windows and Windows NT are registered trademarks of Microsoft Corporation.
UNIX is a registered trademark of The Open Group in the United States and other countries.
SET and Secure Electronic Transaction are trademarks owned by SET Secure Electronic Transaction LLC.

* All other products may be trademarks or registered trademarks of their respective companies.

Notes:

Performance is in Internal Throughput Rate (ITR) ratio based on measurements and projections using standard IBM benchmarks in a controlled environment. The actual throughput that any user will experience will vary depending upon considerations such as the amount of multiprogramming in the user's job stream, the I/O configuration, the storage configuration, and the workload processed. Therefore, no assurance can be given that an individual user will achieve throughput improvements equivalent to the performance ratios stated here.

IBM hardware products are manufactured from new parts, or new and serviceable used parts. Regardless, our warranty terms apply.

All customer examples cited or described in this presentation are presented as illustrations of the manner in which some customers have used IBM products and the results they may have achieved. Actual environmental costs and performance characteristics will vary depending on individual customer configurations and conditions.

This publication was produced in the United States. IBM may not offer the products, services or features discussed in this document in other countries, and the information may be subject to change without notice. Consult your local IBM business contact for information on the product or services available in your area.

All statements regarding IBM's future direction and intent are subject to change or withdrawal without notice, and represent goals and objectives only.

Information about non-IBM products is obtained from the manufacturers of those products or their published announcements. IBM has not tested those products and cannot confirm the performance, compatibility, or any other claims related to non-IBM products. Questions on the capabilities of non-IBM products should be addressed to the suppliers of those products.

Prices subject to change without notice. Contact your IBM representative or Business Partner for the most current pricing in your geography.

SDUMP OA39596

- **z/OS 1.12 and 1.13**

- **Problem: long SVC dump time or very large SVC dumps that are partial, when address spaces with shared memory objects (such as DB2) are dumped.**

- **PTFs: UA67367 and UA67368 (tentatively RSU1301)**
- **Note: PTF UA67368 is PE (SMP/E Logic)**
  - **Customers at HBB7780 should install UA67368**
  - **Customers at JBB778H should <u>not</u> install UA67368**
  - **New APAR is OA41315**

SDUMP OA40015

- **z/OS 1.12 and 1.13**

- **Problem: high virtual user region storage missing from complete dumps. This may result in dump formatting errors. For example, error messages when attempting to review the CICS internal trace in a CICS 4.2 dump.**

- **PTFs: UA66977 and UA66978 (RSU1212)**

PFA_OA40299

- **z/OS 1.13**

- **Problem: High CPU in HZR (Runtime Diagnostic) address space due to repetitive invocation by PFA.**

- **PTFs: APAR is OPEN (++APAR available)**

SUP OA41136

- **z/OS 1.12 and 1.13**

- **Problem: ABENDAC7 during pause/release processing. This may cause the invoker of the pause/release function (such as DB2) to go down. Problem is caused by PEs from OA39061, OA39731 or OA40272.**

- **PTFs: APAR closed 1/24 (++APAR available)**

Access Method OA41190

- **z/OS 1.12 and 1.13**

- **Problem: CVT overlay by Media Manager module after applying PTF for OA38492 but without also putting on PTF for OA39431. PTFs for OA38492 are now marked PE and OA41190 is the PE APAR.**

- **PTFs: APAR closed 1/17 (local fix is to ensure that PTF for OA39431 is applied if OA38942 is on the system)**

System z Security Portal

- **Enables you to receive the latest critical service information on security and system integrity APARs for z/OS and z/VM**

- **See instructions in:**

  http://www.vm.ibm.com/security/aparinfo.html

- **See also Red Alert published on 04/09/11:**
  z/OS Security and Integrity Service Currency

  https://www14.software.ibm.com/webapp/set2/sas/f/redAlerts/20110409.html

Where is my Coupling Facility?

- **Problem: the first system to IPL in a sysplex in GRS STAR mode is unable to allocate the ISGLOCK structure because no coupling facility is available.**

- **The following paper provides clear and concise instructions on how to resolve this issue:**

  http://www-03.ibm.com/support/techdocs/atsmastr.nsf/WebIndex/FLASH10786

z/OS Best Practices: Large Stand-Alone Dump Handling – Version 3

- **Describes current best practices when taking and handling large stand-alone dumps in the z/OS environment**

- **Version 3 was published on 1/16/13:**

  http://www-03.ibm.com/support/techdocs/atsmastr.nsf/WebIndex/TD103286

Red Alerts (since last SHARE)

https://www14.software.ibm.com/webapp/set2/sas/f/redAlerts/home.html

- **09/04/12 VSAM OA40253**

- **10/05/12 OMEGAMON OA40497**