MVS Core Technology Project Opening
z/OS Service and APARs

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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.

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OMVS OA43472

- z/OS 1.13 and 2.1

- Problem with pthreads processing resulting in ABEND0C1, ABEND0C4 or ABENDU4091. This problem can also cause a failure where a thread created by an application (such as JVM) appears to be successfully started but never actually runs. Problem is introduced by PE from OA39909 (shipped in RSU1306).

- PTFs: UA71790 and UA71791 (RSU1401)

XES OA43748

- z/OS 1.12 and up

- During LOCK STRUCTURE CLEANUP, when a connector disconnects and contains many LOCK table entries, the cleanup process could take an extended period of time.

- PTFs: UA72390, UA72391 and UA72392 (tentatively RSU1403)

RSM_OA44074

- z/OS 1.12 and up

- Problem introduced by PEs from OA43054 (shipped in RSU1401). The PTFs from OA43054 changes how RSM breaks up quad frames to satisfy 4K frame requests. Under certain conditions the quad frames may not be broken up for frame exchange (when they should be). A system outage can occur if a storage request from XCF is not satisfied.

- PTFs: UA72476 to UA72479 (tentatively RSU1404)

RSM OA44109 OA44183

- z/OS 1.13.1 and 2.1

- High CPU in MASTER or RASP address space

- Problem can occur on a SCM capable machine (even if no SCM cards are installed) if PAGESCM=NONE was not coded in IEASYSxx

- APARs are opened (++APARs available)

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

  PDUU (Problem Documentation Upload Utility) is recommended for FTP of standalone dump

Red Alerts (since last SHARE)

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

- 10/25/13 XCF OA43435