

Successful Practices for Installing and Rolling Out z/OS Maintenance User Experience

Jim Petersen, Home Depot
512-977-2615

Jim_petersen@homedepot.com

Wednesday, August 10, 2011
Session 9802

Maintenance at Home Depot

- Download and receive most current maintenance
- Decide what we want to apply
 - Hipers
 - z/OS xxx compatibility maintenance
 - Z196 maintenance
 - Etc
- Apply those PTF's we have decided to apply

Maintenance at Home Depot

- Maintenance is applied to our Maintenance RESVOL
- Clone ZOSxxx.OMVS.yyyyyyyy datasets to MVS.USS.ZOSxxx.MNTRVL.yyyyyyyy
- IPL Sandbox LPAR from MNTRVL (notice the USS files have MNTRVL in them so they are tied to the IPL of MNTRVL)
- Do some checkout on the Sandbox LPAR to verify that nothing dastardly has been introduced.

Maintenance at Home Depot

- For local Sysplex, clone the following
 - MNTRVL -> PRSVLn
 - MVS.USS.ZOSxxx.MNTRVL.yyyyyyyy -> MVS.USS.ZOSxxxx.PRSVLn.yyyyyyyy
 - In SMPE, zone MVT100 -> PRSVLn (this way we know exactly what maintenance is on the Production Resvol)
 - PRSVLn is rolled out to all of the LPARs in the Sysplex over several weeks starting with the QA/Dev LPARs and the Production

Maintenance at Home Depot

- Rolling the maintenance to other Sysplexes
- Back up MNTRVL, DLIBVL, SMPVOL, and CATVOL to MNTRXX, DLIBXX, SMPVXX, and CATVXX (the XX Volumes are Volumes which are SRDF'd to the remote Sysplexes.)
- On the Remote Sysplex
 - Restore MNTRXX to MNTRVL
 - Restore DLIBXX to DLIBVL
 - Restore the SMPE Files to SMPE files on Target SYSPLEX and Merge the GLOBAL Zones

Maintenance at Home Depot

- Clone ZOSxxx.OMVS.yyyyyyyy files to MVS.USS.ZOSxxx.MNTRVL.yyyyyyyy
- IPL MNTRVL on the sandbox LPAR on the remote Sysplex.
- Do check out.
- Clone the following
 - MNTRVL -> PRSVLn
 - MVS.USS.ZOSxxx.MNTRVL.yyyyyyyy -> MVS.USS.ZOSxxx.PRSVLn.yyyyyyyy
 - MVST100 zone - > PRSVLn zone

Maintenance at Home Depot

- PRSVLn is rolled out via IPL to each of the LPARS in the Sysplex over several weeks
- Sounds pretty simplistic but it really works and we know exactly what maintenance is on the Resvol which is IPLed on any particular LPAR in the Sysplex.

Maintenance at Home Depot

- Any questions – contact me
 - Phone – 512-977-2615
 - Email – jim_petersen@homedepot.com