

IBM i 7.2 Planning / Check List(s)

Disc-less Upgrade

10/21/2015

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Phase I – Plan, plan, plan

General Planning

1. Do you have a valid upgrade Path?
2. Storage considerations
 - o Direct attach
 - o ASP considerations
 - o SAN
 - o Minimum Load source
3. Cache Batteries – know your controllers & status - CALL PGM(QSYS/QSMBTTC)
4. Know & Verify your firmware levels
5. SST
 - o Console considerations
 - o Verify ID's and 11111111
 - o Review Service action log – Start with a clean slate
6. PTF ordering – make sure you can: SNDPTFORD or use/navigate Fix Central
7. Review 7.2 information PTF's
 - o SF98172 – Upgrade & Migration corrections
 - o SF98116 – Installation Memo to users
8. Know/Review your QSTRUP value & contents
9. Know/Review WRKJOBSCDE (plan to hold/modify)
10. When was your last RCLSTG?
11. Are your IPL's 100% clean
12. WRKPRB clean
13. Verify Product Vendor Support (HA, Tape Encryption, Help Systems/Robot, Accounting, Applications, Etc.)

Software Planning & Reading

14. Obtain the Software 6 wks in advance (or order via Business Partner)
 - o Review Entitlements
 - o Download Software Keys
 - o Download Software & place in Image catalog
15. Download & run IBM Pre-Verification Tool – address issues
16. Read Current 62 page Memo to Users

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17. Read Developer works Wiki – pay attention to needed PTF's (IPL might be necessary)
18. Read 224 page Installing IBM i 7.2

Image Catalogs & Go LICPGM #5

19. Build & Verify Image catalogs
20. Go LICPGM #5 – Step through all options (repeat until NO issues)
21. Work with licensed programs for target release (builds list from media, pgms to delete s/b empty, not found on media s/b empty, keep disk config *yes)
22. Accept software agreements – all must be *YES before starting upgrade
23. Allocate additional space for LIC – 2x – run it twice until it tells you NOT NEEDED
24. Download Cumulative PTF (includes hipers & DB) and PTF Groups 1-week before upgrade – order together
25. Create Image catalog for PTF's and verify

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Phase II – Upgrade Day (Save & Upgrade)

1. Save 21 (do not assume last month/quarter's save is good) – Try to do in advance
2. Apply *ALL PTF's Permanently (can be done weeks in advance) – IPL necessary – Try to do in advance
3. DSPSYSVAL SYSVAL(QALWOBJRST) – must be “*all”, record value & change
4. DSPSYSVAL SYSVAL(QVfyOBJRST) – must be a “3”, record value & change
5. Remove QHLPSYS from system library list – normally @ sequence 020.
6. Verify that NO PTF's are in the way - IPL action = None!
7. Check SST – Console
8. Verify Image Catalog *Sort Yes – one last time (QSECOFR)
9. PWRDWNSYS *CNTRLD and restart from *IMGCLG (Restart *yes, IPLSRC *IMGCLG, V7R2OS
 - o 7 Steps – be patient
 - o Status: Install LIC internal code
 - o Status: IBM i being installed / i5/OS installation status
 - o Status: Install Licensed programs

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Phase III – Verify, PTF, & Save

1. Go LICPGM #10 & #50
2. Check Qsysopr, License key Messages
3. Load any special PTF's, then IPL, then back to a restricted state
4. Load Cumulative PTF's, Groups, & DB's, then IPL
5. Check System – S/B error free
 - o Qsysopr MSGQ
 - o Wrkptfgrp
 - o Sndptford
 - o SST Login
6. If System Value changed, change back QALWOBJRST & QVfyOBJRST, add back QHLPSYS @ Sequence 020.
7. Update Client Access Clients
8. Verify IBM I Access Client (New – iACS Java Client)
9. Verify HTTP Admin (name:2001)
10. Verify IBM Navigator for I (name:2005)
11. Verify Application(s) & Vendor products
12. Verify business/partner/customer connectivity
13. Change PTF Download #'s to (SF98187(summary), SF98188 (def), SF98189(hiper))
14. Full System Save – Go Save 21
15. 1 week later – Clean-Up IFS & Image Catalog's (get your disk space back !)