

TIPS AND TRICKS FOR APO 4.0 DEMAND PLANNING UPGRADE

Applies to:

APO 4.0

Summary

Considerations in upgrading from APO 3.x to APO 4.0

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Tips and tricks for APO 4.0 DP upgrade:

1. For BW queries S_RS_COMP1 authorization object is now needed and should be added to your authorization profile.
2. Check note 534894 regarding the application component hierarchy. In RSA1, your datasources will not show for the extract datasources. This is due to the application component hierarchy being reset. You need access to tcode RSA9 to correct this (and possibly SBIW). Make sure to transfer the Application Component Hierarchy prior to replicating datasources, or else all of your datasources will be under nodesnotassigned. Steps to manually correct:
 - a. Transaction SBIW
 - b. Go to Business Content DataSources
 - c. Select "Transfer Application Component Hierarchy
 - d. Transfer will ask for a "Package" – this is a new name for a Dev class. Make sure that you select a transportable one.. A subsequent transfer could be made, but not really sure if it will ask for a package again. If you make a mistake, check out OSS note
 - e. Check that the Application Component Hierarchy exists by selecting "Postprocessing of DataSources > Edit DataSource and Application Component Hierarchy"
 - f. Note that when we looked at the datasources in Admin Workbench, the datasources may show under the source system, not under the DataMart node, but under Unassigned Nodes.
3. Check OSS note 588986 for changes to LCP and fcst profile assignment
4. Activate all POS, even if they look like they are active. You will not be able to create CVCs or access DP data unless you do this. In addition, you may want to activate any infocubes again.
5. Replicate datasources and re-activate transfer structures – this may require use of programs RS_LOGSYS_ACTIVATE and/or RS_TRANSTRU_ACTIVATE_ALL if you are extracting data from your Planning Areas. See OSS note 324520 if your TST and PRD systems are closed to changes
6. All data will need to be sent to a backup cube prior to upgrading and reloaded using /SAPAPO/RTSINPUT_CUBE. When loading the data back into the Planning area, cut the jobs into small time buckets and use unique selections to allow for parallel processing
7. Variants for /SAPAPO/TS_PAREA_INITIALIZE may need to be rebuilt. As of 12/10/2003, the variants for key figure specific horizons do not seem to save.
8. If you are using fixing, you may need to modify macros that could potentially overwrite the fixed cell. The macro needs to determine if the cell is fixed and then skip that cell. Check that the properties for any Row or Cell are set to FIXED in order to check for a fix value. On SP 5 (com build 6?) this will simply bring back the fixed value. In later com builds this will result in a livecache error (OM...)
9. We also found that there was an oracle parameter that needed to be set for performance reasons. I don't know the parameter, but it was something like MAX_BLOCKSIZE. There should be a new OSS note on this soon.
10. For re-loading data after upgrade, pay attention to note 428102 on performance of load planning area version
11. For extracting data for upgrade, pay attention to note 482494. Also consider implementing BADI – SDP_EXTRACT to suppress zero records in order to minimize the size of the backup cube.

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