Correcting Livecache Internal Inconsistencies in APO

Purpose

The purpose of this page is to show how to find and correct Livecache Inconsistencies for Master Data into the SCM-APO system, using transaction /SAPAPO/OM17.

Overview

When working in APO system the Master Data is stored in an additional database called “Livecache”. The reason for this is a fast response for usual procedures inside the SCM system. It is similar a “buffer”. Due this, the APO system works with more than one database, and for many reasons the databases can have inconsistencies of data, like missing data for example. To APO works properly, the data must be recorded in all databases, otherwise we will have “database Inconsistencies”. To check and correct any inconsistencies between the database and Livecache we have the transaction /SAPAPO/OM17. Using transaction /SAPAPO/OM17 you can identify inconsistencies between the liveCache and various databases in SAP APO.

How consistency errors occur

Reasons for internal inconsistencies
1) Incomplete recovery of APO DB or liveCache (also point-in-time recovery)
2) Program errors or handling error

How often should consistency be checked

In general the internal consistency check should be scheduled regularly in times of low workload, e.g. weekly. The frequency should be adapted to the number of occurring consistency errors.

Using Transaction /SAPAPO/OM17

1) Access the transaction and select "Consistency Check LiveCache - APO DB"
2) Select the relevant areas you would like to check for inconsistencies, selecting the planning version as well.
There are several possible objects types which can be checked by an internal consistency run – the parameterization depends on your business. It is SAP recommended to flag all used object types and run the consistency check in background, because the chosen object types are then checked in parallel background jobs (performance optimal). If you run the internal consistency check in dialog, the object types are checked sequentially. The check can be limited to a single planning version. If no version is specified, the check is carried out for all available planning versions.

3) Correct the inconsistencies found
Done, a message saying "all inconsistencies were corrected" will be showed.

Related Content

Related Documents

Related Notes

SAP Note - 425825 Consistency checks, /sapapo/om17
SAP Note - 572003 SCM operating concept
SAP KBA - 1690916 /SAPAPO/MAT016 - Planning object not found
SAP KBA - 2001026 "Entry only in liveCache" Error for Setup Matrices in /SAPAPO/OM17
SAP KBA - 1885863 Block basis def. inconsistency not getting cleared in /SAPAPO/OM17
SAP KBA - 1645187 Failure of process chain and background jobs with return code 40.010
SAP KBA - 2095338 Extraction from a planning area fails with COM Error 40010
SAP KBA - 2062267 livecache COM routine ended with own error code
SAP KBA - 2157605 Fatal error in RPM log
SAP KBA - 1498964 Error /SAPAPO/OM242 and /SAPAPO/TS_RLG_CPY029 in Realignment (tcode /SAPAPO/RLG
SAP KBA - 1727863 Error Message /SAPAPO/RRP_PT015 in Product Overview
SAP KBA - 2245086 Invalid selection condition for selection of planning object - /SAPAPO/T103
SAP KBA - 1580614 COM error unknown in transaction WUF