Oracle Financial Archive and Purge

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Agenda

Why should we archive
Standard archive and purge routines architecture
Oracle standard archive solution
AR transaction chain
Oracle standard solution weakness
Questions & Answers
Why should we archive

♦ To stabilize database growth (database should not growth to infinity)
♦ To restrict exploitation costs (additional disk or memory purchase)
♦ To improve system performances (historic data are more important than active, the more database grow the less system performances are good)
♦ To reduce system back up and restoration time (to improve system availability)
♦ To keep only useful data online
Standard archive and purge routines architecture

- Copy data to temporary tables (standard temporary tables).
- Delete data from production tables.
- Export data in temporary tables to flat files.
- Delete data from temporary tables.
Oracle standard archive solution

Purge criteria
  • Transaction chain must be closed (auxiliaries)
  • GL date should be earlier to a parameter date (or a parameter period)

Temporary tables
  • One to one copy (AX, GL, PO)
  • Many to one copy (AR)
  • No copy (AP)
AR transaction chain
Oracle standard solution weakness

Major Oracle standard weakness
- Access to archive data
- Some data are not archived
- Archive routines performances

Some solutions to access archive data
- Write custom scripts or use a product like Business Objects
- Clone production to a new environment before purging and make it read only
- Create a new eBS environment which will have only archived data
Questions & Answers