

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

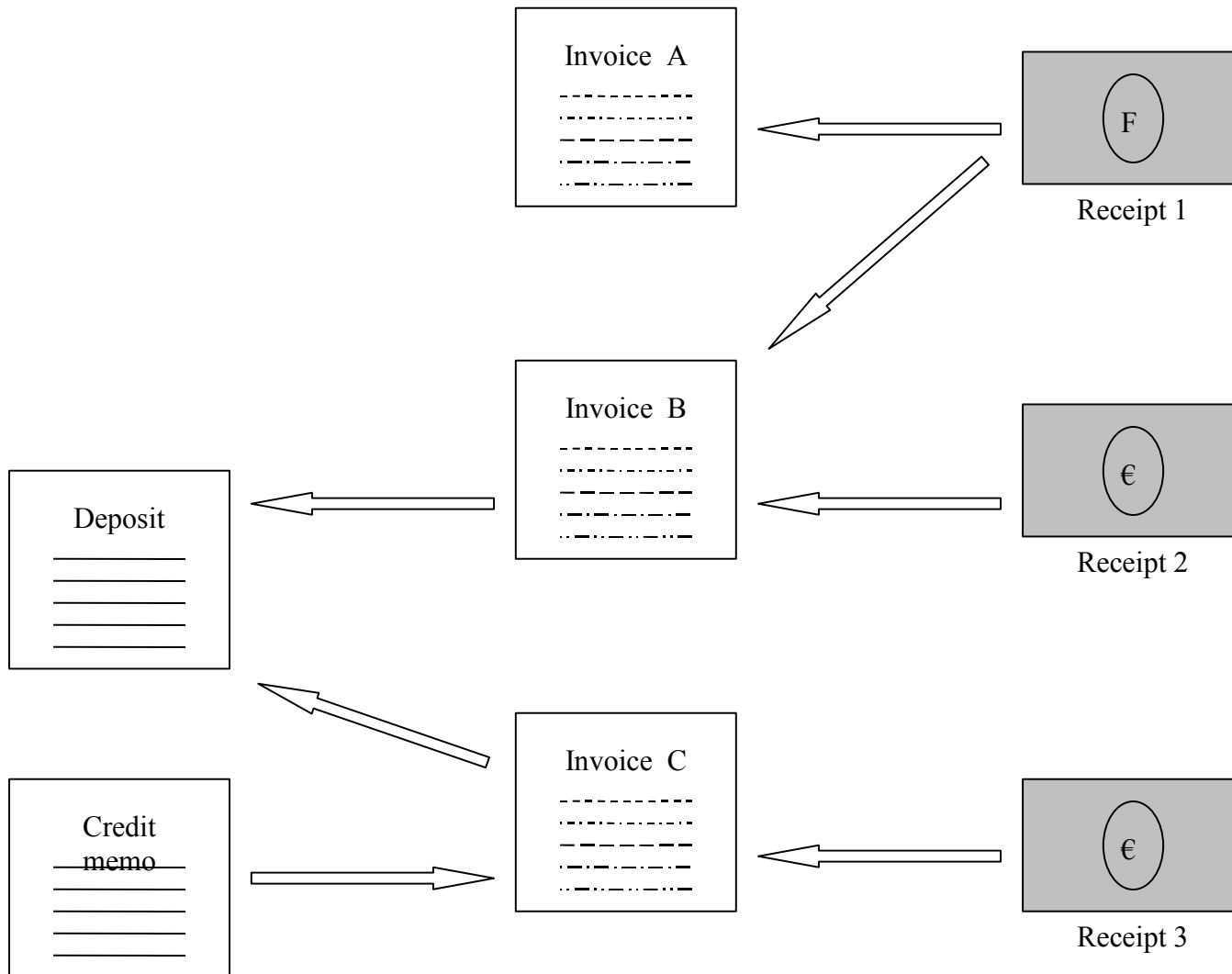
Purge criteria

- 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