

Abstract

In every database system, the possibility of failure happens on the system and the hardware are always exist. Before failure occur that affecting the database system therefore it necessary to prepare a backup system for it. The purpose is to ensure the daily critical operational process keep on running, though the primary system is having a failure.

A standby database is a copy of the regular database that is installed on a separate system. If a catastrophic failure occurs on the primary system, the standby system is activated and takes over, thereby minimizing the effect of the failure on availability and downtime. Oracle keeps the standby database up to date by constantly applying archived redo logs that are shipped from the primary database.

For this final task will be analyzed and implemented the standby database using Oracle 9i. Will be made also a tools to write down the archived redo log from primary database to be compared with the archived redo log in the standby database also tansactional simulation containing DML process at the primary database side.

Keywords: standby database, primary database, archived redo log.