

Course catalog for Oracle Replication 10g

Oracle Replication/Duplication

Fee:\$1000

Duration : 2 –day sat-sun , 9am-7pm

Pre-requisit: Oracle dba expertise, system admin expertise, ,

Book : Oracle Database 10g, High Availability with RAC, Flashback & dataguard
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This course has lots of demand when consider HA service available with low expense and less expertise . This also provides a security based on physical location . This course contains creating the replication of the database and duplication of the database .

Steps to be covered (Day 1, replication)

- a. Assuming one site has already oracle 10g installed ,the first steps is to back up the database using RMAN.
- b. On other remote server where there is no database at all , (only oracle software installation) configuration of user name , group and tns connection will be done to verify the connection to primary.
- c. From primary , the backup is transferred to remote server.
- d. Some required parameter setup on both like log location, database name,data files location will be defined in init.ora files .
- e. Auxiliary connection to remote to replication the database.
- f. Remote database is activated to apply the logs .
- g. The test is performed to see any data entered at the primary is copying to secondary .
- h. If DATAGUARD is used, it is configured in the beginning and some parameter is activated to use this . With use of DTAGUARD users don'y have to go thru a long process of activation remote database rather just one basic dataguard will take care of it and system is up and running .

(Day 2, Duplication)

This task is same as replication but in this database the content is not the same state of the primary database . Means any update on primary is not flown to remote database . This is used basically for testing purpose
When in some condition the project needs to test some data upto specific time and date . This way RMAN can create the defined database to a new database and testing can be prformed .

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Steps to be performed :

- a. All the steps will be the same except some commands will be different in RMAN for duplication .
- b. Once the database is duplicated , the test is done to verify that we have the data available up to the specific time and date .

Note : candidate should have thorough knowledge of oracle dba like backup and restore , datafile , logfiles, and system parameters .