

23) Archivelog

(v.lnl)

@Uday Shankar

Topic:- Cloning RMAN Database Using RMAN (also known as Refresh)

NOTE:- The Prod db must be running in Archivelog mode for cloning.

Steps:-

- ① Copy Pfile for clone database and copy it to clone server
- ② Take backup of production database and copy it to clone server.
- ③ Start auxiliary instance on clone server and restore the database
- ④ open the database in resetlogs
- ⑤ Test clone db

62

@ Prod db (server 1)

\$ ping 192.168.1.101 (IP addr. of clone server),

\$. oraenv

Prod db

\$ sqlplus / as sysdba

SQL> startup

SQL> select name from v\$database;

SQL> create pfile = 'amp/init/clone_db.ora' from spfile;

SQL> !

```
$ scp /tmp/initclonedb.ora oracle@192.168.1.101 :  
/vol ..... /dbs/
```

Now

@ Clone Server:-

```
$ cd /vol ..... /db_home/dbs/
```

```
$ vi initclonedb.ora
```

63

```
: 1, $ set prodclonedb clonedbty
```

NOTE: We need to add the 'move parameters' which will convert the directory structure of the data files.

* db_files^{name}_convert = 'prodclonedb', 'clonedb'

* log_file_name_convert = 'prodclonedb', 'clonedb'

!wa

\$ <Create all necessary directory from above initclonedb.ora file

```
$ vi /etc/oratab
```

```
.. clonedb: /vol ..... /db_home1:N
```

!wa

→ Now @ Prod (Server) (make sure db is running in archive mode)

```
$ rman Target /
```

```
RMAN> backup database plus archive log;
```

(we need to create some pwa pass in clone server)

```
RMAN>
```

@ Clone Server: 2

\$ mkdir -p /vol/ -- (From backup set location)

@ Prod Server: 1
cd /vol/... /backupset/

\$ scp -r backupset oracle@192.168.1.101:/vol/app/
oracle /ora/ProdDb

@ Clone Server: 2

we will make a two entry for communication with database

64

\$ nslookup ProdDb

error (failed for solve)

\$ netmgr (for create a service name)

Local ✓

Service Name ✓

[+] ✓

NetService Name [ProdDb]

Host name: 192.168.1.100

Port: 1521

[NEXT]

Service name [ProdDb] ✓

[TEST] ✓ (failed)

check listener is up and running

[Close]

