

3
Topic:- How to create Oracle duplicate database
with RMAN (Using v\$RMAN).

Steps:-

- ① Create initOC12.ora (parameter file) 3D
- ② Create ~~password file~~ for OC12 (and service in windows)
- ③ Create password file (orapwd) log oradim
- ④ Configure network settings (listener.ora & tnsnames.ora)
- ⑤ Perform ~~oc12~~ backup (Using RMAN).
- ⑥ Note down database filenames (oc12).
- ⑦ Start OC12 in nomount mode (nomount)
- ⑧ Connect with RMAN with Auxiliary database option.
- ⑨ Execute duplicate target database command.
- ⑩ Add tempfiles in temporary tablespace of OC12.
- ⑪ Verify database creation.

7 \$ Export ORACLE_SID = OC12 .

\$ sqlplus / as sysdba .

SQL> startup

SQL> select name from v\$database;

SQL> select name from v\$datafile;

SQL> select name from v\$tempfile;

SQL> select name from v\$controlfile;

SQL> select member from v\$logfile;

① \$ cd \$ORACLE_HOME/dbs
\$ cp init^{old}.ora initord2.ora

3)

\$ vi init^{old}ord2.ora
(Change location & name of db).
db_name = ord2

wa

② oraclim -new -sid ord2 (In windows environment)

③ \$ cd \$ORACLE_HOME/dbs
> \$ orapwd file = orapwd^{ord2}~~ora~~ password = ord2
entries = 3 force = y

④ > cd \$ORACLE_HOME/network/admin
> \$ vi listener.ora

.. (SID_DESC =
(SID_NAME = ord2)
(GLOBAL_DBNAME = ord2)
(ORACLE_HOME = /u01/app/oracle/product/11.2.0/
db_home/)

)

vi filenames.ora

ORCL =

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SERVICE_NAME = ORCL

ORCL2 =

SERVICE_NAME = ORCL2

! wc

(5)

> \$ export ORACLE_SID = ORCL

> \$ rman target /

RMAN> backup database;

RMAN> Exit

(6) note down filenames (orcl)

(7) \$ export ORACLE_SID = ORCL2

> \$ scp plus /cat/sysdba

> \$ scp plus sys/^{ORCL2}~~cat~~@ORCL2

```
SQL> startup force nomount pfile = 'prod/app/oracle/  
prod/11.2.0/db_home/dbs/init.ora';
```

```
SQL> Exit
```

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```
(8)  
> $ rman target sys/oracleorcl2@orcl auxiliary sys/orcl2  
@orcl2
```

```
RMAN>
```

(9) Duplicate

```
RMAN> duplicate target database to orcl from  
active database;
```

(If both nodes have same file location,

If not, then use below command

```
RMAN> duplicate target database to orcl from  
active database nofilenamecheck;
```

```
RMAN> set 'alter system switch logfile';
```

```
RMAN> Exit
```

(10)

```
$ Export ORACLE_SID=ORCL2
```

```
$ Start of Salplus / as sysdba
```

```
$ Startup
```

```
$ Select name from V$datafile;
```

(10)

Sol) alter tablespace temp add

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tempfile '/u01/app/oracle/orcl2/temp02.dbf' size 10m;

Sol) Select name from V\$tempfile;

(11)

Sol) Select name from V\$datafile;

Sol) Select name from V\$controlfile;