**Cloning database:**

|  |  |
| --- | --- |
| SOURCE DATABASE | TARGET DATABASE |
| Take rman backup plus archivelog; | Delete the prvious database….  Edit the pfile what you have in cd $ORACLE\_HOME/dbs location  Vi initproddb.ora, in this file relapce the proddb with testdb  Now rename pfile using  Cp initproddb=====>inittestdb.ora  And password file also  Cp orapwpproddb=====> orapwptestdb |
| Search in dbs location if you have pfile (or) not, of there is no pfile,  Go to sql environment and now create pfile from spfile… | Make 4 directories  mkdir /u01/app/oracle/admin/testdb/adump  Mkdir /u01/app/oracle/oradata/TESTDB/controlfile  Mkdir /u01/app/oracle/fast\_recovery\_area/TESTDB/controlfile  Mkdir /u01/app/oracle/fast\_recovery\_area |
| Now scp the pfile to target server  Scp <initproddb.ora>oracle@<target server ip>:/<target location> | Now connect sql plus / as sysdba  Using startup nomount, because u[ to now we have only pfile… |
| And scp< orapwpproddb >oracle@<target server ip>:/target location> | Now connect rman  Rman auxiliary /  Rman>duplicate database to ‘testdb’’ backup location ‘/u01/rman\_bkp’ nofilenamecheck; |

**In source server:**

* Make sure do you have pfile or not
* if you have no p file,create p file from spfile in sql environment.
* sql> create pfile from spfile;

file created..

* Now scp the p file and password file to target servar;

* ex: scp <pfile> [oracle@192.168.0.121:/$ORACLE\_HOME/dbs](mailto:oracle@192.168.0.121:/$ORACLE_HOME/dbs)
* scp<password file>[oracle@192.168.0.121:/$ORACLE\_HOME/dbs](mailto:oracle@192.168.0.121:/$ORACLE_HOME/dbs)
* and now go to rman target /

* and delete previous backups and now take fresh backup using
* rman>backup database plus archivelog;

* scp all the fresh backup to target server like below

* scp \* oracledb@192.168.0.121:/u01/rman\_bkp

passsword:oracleospwd

* now go to target serever and check scp file existency:

copied files are :1)pfilE

2)password file

3)backup files

[oracle@sai rman\_bkp]$ ll

total 271612

-rw-r-----. 1 oracle oinstall 5667840 Mar 20 12:11 472m5r6s\_1\_1 these are copied files from source server

-rw-r-----. 1 oracle oinstall 25088 Mar 20 12:11 482m5r6s\_1\_1

-rw-r-----. 1 oracle oinstall 272121856 Mar 20 12:15 492m5r6t\_1\_1

* before getting this file

* we made some changes in target serever
* now in operating system level at target server
* [oracle@sai dbs]$ vi inittestdb.ora
* in this edited file enter testdb instead of proddb
* and copy the below four directories on special notepad file.

/u01/app/oracle/admin/testdb/adump

/u01/app/oracle/oradata/TESTDB/controlfile

/u01/app/oracle/fast\_recovery\_area/TESTDB/controlfile

/u01/app/oracle/fast\_recovery\_area

[oracle@sai dbs]$mkdir -p /u01/app/oracle/admin/testdb/adump

[oracle@sai dbs]$mkdir -p /u01/app/oracle/oradata/TESTDB/controlfile

[oracle@sai dbs]$mkdir -p /u01/app/oracle/fast\_recovery\_area/TESTDB/controlfile

[oracle@sai dbs]$mkdir -p /u01/app/oracle/fast\_recovery\_area

* NOW GO TO SQL ENVIRONMENT
* Sqlplus / as sysdba [if this is workout no problem, otherwise go with
* export ORACLE\_BASE=/u01/app/oracle
* export ORACLE\_HOME=/u01/app/oracle/product/19.0.0.0/dbhome\_1
* export ORACLE\_SID=proddb
* now enter sqlplus / as sysdba
* startup nomount; [because up to now we have pfile only in target database]
* now once check all the backup files are copied are not in operating system level like below

[oracle@sai rman\_bkp]$ ll

total 1330532

-rw-r-----. 1 oracle oinstall 5667840 Mar 20 12:11 472m5r6s\_1\_1

-rw-r-----. 1 oracle oinstall 25088 Mar 20 12:11 482m5r6s\_1\_1

-rw-r-----. 1 oracle oinstall 822280192 Mar 20 12:27 492m5r6t\_1\_1

-rw-r-----. 1 oracle oinstall 446472192 Mar 20 12:42 4a2m5r6t\_1\_1

-rw-r-----. 1 oracle oinstall 84213760 Mar 20 12:44 4b2m5r70\_1\_1

* after getting all the backup files from source server
* connect rman auxiliary from os level
* connect to rman auxiliary /
* rman> duplicate database to 'testdb' backup location '/u01/rman\_bkp' nofile name check;

after

go to os level

connect to sql using

sqlplus / as sysdba

startup;

show con\_name;

show pdbs; it shows all source servers database;s

SQL> startup;

ORACLE instance started.

Total System Global Area 1543500832 bytes

Fixed Size 9135136 bytes

Variable Size 939524096 bytes

Database Buffers 587202560 bytes

Redo Buffers 7639040 bytes

Database mounted.

Database opened.

SQL>

SQL> show con\_name;

CON\_NAME

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CDB$ROOT

SQL>

SQL>

SQL>

SQL> show pdbs;

CON\_ID CON\_NAME OPEN MODE RESTRICTED

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2 PDB$SEED READ ONLY NO

3 SBI\_SAV MOUNTED

4 PNB\_SAV MOUNTED

SQL>

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