**DATABASE BACKUP MANUAL RESTORATION**

Restore database backup manually from RMAN:-

**Step 1**- Identify the backup location.

**Step 2**- Take a backup of SPFILE & Password file

SQL> create pfile='LOCATION' from spfile;

# cd $ORACLE\_HOME/dbs

# cp orapwSID orapwSID\_bck

**Step 3**: Drop Database

Note:- Get the location of spfile, datafile & control file

SQL> show parameter spfile;

SQL> select name from v$controlfile;

SQL> select name from v$datafile;

Dropping Database Now

SQL> shutdown immediate

SQL> startup mount exclusive restrict

SQL> drop database;

If required, Delete all the spfile, datafiles & Control files from server

rm -rf <DF locations>

rm -rf <control file locations>

rm -rf <spfile location>

**Step 4**- Create spfile from pfile

SQL> create spfile from pfile='LOCATION';

**Step 5**- Start database in NOMOUNT

SQL> STARTUP NOMOUNT;

**Step 6**- Restore Controlfile from backup piece & Mount database

RMAN> Restore controlfile from '/BACKUP\_LOCATION/';

RMAN> catalog start with '/BACKUP\_LOCATION/';

RMAN> sql 'alter database mount';

**Step 7**- Restore & Recover Database

# cat full\_RMAN\_Restore.rcv

connect target;

run {

Allocate channel c1 device type disk;

Allocate channel c2 device type disk;

Allocate channel c3 device type disk;

Allocate channel c4 device type disk;

Allocate channel c5 device type disk;

Allocate channel c6 device type disk;

Allocate channel c7 device type disk;

Allocate channel c8 device type disk;

restore database;

recover database;

alter database open resetlogs;

release channel c1;

release channel c2;

release channel c3;

release channel c4;

release channel c5;

release channel c6;

release channel c7;

release channel c8;

}

# nohup rman cmdfile=full\_RMAN\_Restore.rcv log=full\_RMAN\_Restore.log &

**Step 8**- Validate database status & logfile, control file and datafile on the file system.

**PITR Recovery  
===========**  
  
Point-In-Time Recovery (PITR) would be used if you have decided to restore a database to a particular point in time. This may be warranted for a hardware fault or if you are aware of a database corruption that occurred at a certain date/time.  
  
run{  
set until time "to\_date('Aug 16 2014 10:30:00','Mon DD YYYY HH24:MI:SS')";  
restore database;  
recover database;  
sql 'alter database open resetlogs';  
}

https://www.thegeekstuff.com/2014/11/oracle-rman-restore/