1. BACKUP
2. C:/> Rman Target/
3. RMAN> set echo on;

echo set on

1. RMAN> shutdown immediate;

shutdown immediate;

using target database control file instead of recovery catalog

database closed

database dismounted

Oracle instance shut down

1. RMAN> startup mount;

startup mount;

connected to target database (not started)

Oracle instance started

database mounted

Total System Global Area 1068937216 bytes

Fixed Size 2260048 bytes

Variable Size 616563632 bytes

Database Buffers 444596224 bytes

Redo Buffers 5517312 bytes

1. RMAN> configure controlfile autobackup format for device type disk clear;

configure controlfile autobackup format for device type disk clear;

RMAN configuration parameters are successfully reset to default value

1. RMAN> configure retention policy to redundancy 2;

configure retention policy to redundancy 2;

new RMAN configuration parameters:

CONFIGURE RETENTION POLICY TO REDUNDANCY 2;

new RMAN configuration parameters are successfully stored

1. RMAN> configure controlfile autobackup on;

configure controlfile autobackup on;

new RMAN configuration parameters:

CONFIGURE CONTROLFILE AUTOBACKUP ON;

new RMAN configuration parameters are successfully stored

1. RMAN> sql "create pfile=''C:\oraclexe\app\oracle\product\11.2.0\server\database\spfile2init.ORA'' from spfile";

sql "create pfile=''C:\oraclexe\app\oracle\product\11.2.0\server\database\spfile2init.ORA'' from spfile";

sql statement: create pfile=''C:\oraclexe\app\oracle\product\11.2.0\server\database\spfile2init.ORA'' from spfile

1. RMAN> backup as backupset device type disk database;

backup as backupset device type disk database;

Starting backup at 08-OCT-19

allocated channel: ORA\_DISK\_1

channel ORA\_DISK\_1: SID=91 device type=DISK

channel ORA\_DISK\_1: starting full datafile backup set

channel ORA\_DISK\_1: specifying datafile(s) in backup set

input datafile file number=00002 name=C:\ORACLEXE\APP\ORACLE\ORADATA\XE\SYSAUX.DBF

input datafile file number=00003 name=C:\ORACLEXE\APP\ORACLE\ORADATA\XE\UNDOTBS1.DBF

input datafile file number=00001 name=C:\ORACLEXE\APP\ORACLE\ORADATA\XE\SYSTEM.DBF

input datafile file number=00004 name=C:\ORACLEXE\APP\ORACLE\ORADATA\XE\USERS.DBF

channel ORA\_DISK\_1: starting piece 1 at 08-OCT-19

Starting Control File and SPFILE Autobackup at 08-OCT-19

piece handle=C:\ORACLEXE\APP\ORACLE\FAST\_RECOVERY\_AREA\XE\AUTOBACKUP\2019\_10\_08\O1\_MF\_S\_1021147278\_GSS3F16S\_.BKP comment=NONE

Finished Control File and SPFILE Autobackup at 08-OCT-19

1. RMAN> configure controlfile autobackup off;

configure controlfile autobackup off;

old RMAN configuration parameters:

CONFIGURE CONTROLFILE AUTOBACKUP ON;

new RMAN configuration parameters:

CONFIGURE CONTROLFILE AUTOBACKUP OFF;

new RMAN configuration parameters are successfully stored

1. RMAN> alter database open;

alter database open;

database opened

1. RMAN> delete noprompt obsolete;

delete noprompt obsolete;

RMAN retention policy will be applied to the command

RMAN retention policy is set to redundancy 2

using channel ORA\_DISK\_1

Deleting the following obsolete backups and copies:

Type Key Completion Time Filename/Handle

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Backup Set 1 08-OCT-19

Backup Piece 1 08-OCT-19 C:\ORACLEXE\APP\ORACLE\FAST\_RECOVERY\_AREA\XE\BACKUPSET\2019\_10\_08\O1\_MF\_NCSNF\_TAG20191008T195322\_GSS1P489\_.BKP

Control File Copy 1 08-OCT-19 C:\ORACLEXE\APP\ORACLE\FAST\_RECOVERY\_AREA\XE\CONTROLFILE\O1\_MF\_TAG20191008T195530\_GSS1T37W\_.CTL

Backup Set 2 08-OCT-19

Backup Piece 2 08-OCT-19 C:\ORACLEXE\APP\ORACLE\FAST\_RECOVERY\_AREA\XE\BACKUPSET\2019\_10\_08\O1\_MF\_NCSNF\_TAG20191008T195424\_GSS1R1V6\_.BKP

Backup Set 3 08-OCT-19

Backup Piece 3 08-OCT-19 C:\ORACLEXE\APP\ORACLE\FAST\_RECOVERY\_AREA\XE\BACKUPSET\2019\_10\_08\O1\_MF\_NNSNF\_TAG20191008T195530\_GSS1T4G5\_.BKP

Backup Set 4 08-OCT-19

Backup Piece 4 08-OCT-19 C:\ORACLEXE\APP\ORACLE\FAST\_RECOVERY\_AREA\XE\BACKUPSET\2019\_10\_08\O1\_MF\_NCSNF\_TAG20191008T195604\_GSS1V6C1\_.BKP

RMAN-06207: WARNING: 5 objects could not be deleted for DISK channel(s) due

RMAN-06208: to mismatched status. Use CROSSCHECK command to fix status

RMAN-06210: List of Mismatched objects

RMAN-06211: ==========================

RMAN-06212: Object Type Filename/Handle

RMAN-06213: --------------- ---------------------------------------------------

RMAN-06214: Backup Piece C:\ORACLEXE\APP\ORACLE\FAST\_RECOVERY\_AREA\XE\BACKUPSET\2019\_10\_08\O1\_MF\_NCSNF\_TAG20191008T195322\_GSS1P489\_.BKP

RMAN-06214: Datafile Copy C:\ORACLEXE\APP\ORACLE\FAST\_RECOVERY\_AREA\XE\CONTROLFILE\O1\_MF\_TAG20191008T195530\_GSS1T37W\_.CTL

RMAN-06214: Backup Piece C:\ORACLEXE\APP\ORACLE\FAST\_RECOVERY\_AREA\XE\BACKUPSET\2019\_10\_08\O1\_MF\_NCSNF\_TAG20191008T195424\_GSS1R1V6\_.BKP

RMAN-06214: Backup Piece C:\ORACLEXE\APP\ORACLE\FAST\_RECOVERY\_AREA\XE\BACKUPSET\2019\_10\_08\O1\_MF\_NNSNF\_TAG20191008T195530\_GSS1T4G5\_.BKP

RMAN-06214: Backup Piece C:\ORACLEXE\APP\ORACLE\FAST\_RECOVERY\_AREA\XE\BACKUPSET\2019\_10\_08\O1\_MF\_NCSNF\_TAG20191008T195604\_GSS1V6C1\_.BKP

II. RESTORE

1. C:/>Rman Target/
2. RMAN> set echo on;
3. RMAN> shutdown immediate;
4. RMAN> startup nomount pfile=''C:\oraclexe\app\oracle\product\11.2.0\server\database\spfile2init.ORA'';
5. RMAN>restore (spfile from autobackup) (controlfile from autobackup);
6. RMAN> Startup mount force;
7. RMAN> configure controlfile autobackup off;
8. RMAN> restore database;