RMAN usage and Control files Recovery from datafiles and log files

**RMAN back up your live database and its archive log files. Every time RMAN is used, there will be at least two sessions launched against the target database: these are known as the default session and the polling session. The default session is the session that invokes the kernelized PL/SQL (kernelized PL/SQL is PL/SQL that is available to the instance before a database has been mounted or opened) that implements RMAN; the polling session monitors the progress of RMAN operations. Whenever RMAN reads or writes a disk or tape, it will need a third session: a channel.The information used by the RMAN commands REPORT and LIST, LIST tells you about backups that have been made, whereas REPORT tells you what needs to be backed upand, the information displayed in the dynamic performance views, is drawn from the RMAN repository: data stored in the controlfile of the target database. It says nothing about reality—whether the backup files actually still exist.**

**A DELETE EXPIRED command does not delete any files; it only updates the RMAN repository. A DELETE OBSOLETE will physically delete files and update the repository accordingly.**

**$ rman target /**

RMAN> show all;

RMAN configuration parameters for database with db\_unique\_name CODAPROD are:

CONFIGURE RETENTION POLICY TO REDUNDANCY 8;

CONFIGURE BACKUP OPTIMIZATION OFF; # default

CONFIGURE DEFAULT DEVICE TYPE TO DISK; # default

CONFIGURE CONTROLFILE AUTOBACKUP ON;

CONFIGURE CONTROLFILE AUTOBACKUP FORMAT FOR DEVICE TYPE DISK TO '/ora\_fra/CODAPROD/autobackup/%F';

CONFIGURE DEVICE TYPE DISK PARALLELISM 1 BACKUP TYPE TO BACKUPSET; # default

CONFIGURE DATAFILE BACKUP COPIES FOR DEVICE TYPE DISK TO 1; # default

CONFIGURE ARCHIVELOG BACKUP COPIES FOR DEVICE TYPE DISK TO 1; # default

CONFIGURE CHANNEL DEVICE TYPE DISK FORMAT '/ora\_fra/CODAPROD/dbbackup/%U';

CONFIGURE MAXSETSIZE TO UNLIMITED; # default

CONFIGURE ENCRYPTION FOR DATABASE OFF; # default

CONFIGURE ENCRYPTION ALGORITHM 'AES128'; # default

CONFIGURE COMPRESSION ALGORITHM 'BASIC' AS OF RELEASE 'DEFAULT' OPTIMIZE FOR LOAD TRUE ; # default

CONFIGURE ARCHIVELOG DELETION POLICY TO NONE;

CONFIGURE SNAPSHOT CONTROLFILE NAME TO '/u01/app/oracle/product/11.2.0/dbhome\_1/dbs/snapcf\_codaprod.f'; # default

RMAN> list failure;

no failures found that match specification

RMAN> list backup of database;

BS Key Type LV Size Device Type Elapsed Time Completion Time

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11222 Full 686.06G DISK 02:03:26 06-DEC-15

BP Key: 11222 Status: EXPIRED Compressed: NO Tag: TAG20151205T230122

Piece Name: /ora\_fra/CODAPROD/dbbackup/vbqo3cq3\_1\_1

List of Datafiles in backup set 11222

File LV Type Ckp SCN Ckp Time Name

---- -- ---- ---------- --------- ----

1 Full 3974944703 05-DEC-15 /u01/app/oracle/oradata/codaprod/system01.dbf

2 Full 3974944703 05-DEC-15 /u01/app/oracle/oradata/codaprod/sysaux01.dbf

3 Full 3974944703 05-DEC-15 /ora\_idx3/idxfile5.dbf

4 Full 3974944703 05-DEC-15 /u01/app/oracle/oradata/codaprod/users01.dbf

5 Full 3974944703 05-DEC-15 /ora\_data/datafile1.dbf

6 Full 3974944703 05-DEC-15 /ora\_idx/idxfile1.dbf

7 Full 3974944703 05-DEC-15 /ora\_data/datafile2.dbf

8 Full 3974944703 05-DEC-15 /u01/app/oracle/oradata/codaprod/perfstat01.dbf

9 Full 3974944703 05-DEC-15 /ora\_data/datafile3.dbf

10 Full 3974944703 05-DEC-15 /ora\_idx/idxfile2.dbf

11 Full 3974944703 05-DEC-15 /ora\_data2/datafile4.dbf

12 Full 3974944703 05-DEC-15 /ora\_idx2/idxfile3.dbf

13 Full 3974944703 05-DEC-15 /ora\_idx2/idxfile4.dbf

14 Full 3974944703 05-DEC-15 /u01/app/oracle/oradata/codaprod/undotbs02.dbf

15 Full 3974944703 05-DEC-15 /ora\_data2/datafile5.dbf

16 Full 3974944703 05-DEC-15 /ora\_idx3/idxfile6.dbf

17 Full 3974944703 05-DEC-15 /ora\_idx4/idxfile7.dbf

18 Full 3974944703 05-DEC-15 /ora\_data3/datafile6.dbf

19 Full 3974944703 05-DEC-15 /ora\_idx4/idxfile8.dbf

20 Full 3974944703 05-DEC-15 /ora\_idx5/idxfile9.dbf

21 Full 3974944703 05-DEC-15 /ora\_data3/datafile7.dbf

22 Full 3974944703 05-DEC-15 /ora\_data4/datafile8.dbf

23 Full 3974944703 05-DEC-15 /ora\_idx5/idxfile10.dbf

24 Full 3974944703 05-DEC-15 /ora\_data4/datafile9.dbf

25 Full 3974944703 05-DEC-15 /ora\_data5/datafile10.dbf

26 Full 3974944703 05-DEC-15 /ora\_data5/datafile11.dbf

27 Full 3974944703 05-DEC-15 /ora\_idx6/idxfile11.dbf

28 Full 3974944703 05-DEC-15 /ora\_idx6/idxfile12.dbf

29 Full 3974944703 05-DEC-15 /ora\_idx7/idxfile13.dbf

30 Full 3974944703 05-DEC-15 /ora\_idx7/idxfile14.dbf

BS Key Type LV Size Device Type Elapsed Time Completion Time

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11227 Full 686.11G DISK 01:49:49 07-DEC-15

BP Key: 11227 Status: EXPIRED Compressed: NO Tag: TAG20151206T230115

Piece Name: /ora\_fra/CODAPROD/dbbackup/vgqo615r\_1\_1

List of Datafiles in backup set 11227

File LV Type Ckp SCN Ckp Time Name

---- -- ---- ---------- --------- ----

1 Full 3975564489 06-DEC-15 /u01/app/oracle/oradata/codaprod/system01.dbf

2 Full 3975564489 06-DEC-15 /u01/app/oracle/oradata/codaprod/sysaux01.dbf

3 Full 3975564489 06-DEC-15 /ora\_idx3/idxfile5.dbf

4 Full 3975564489 06-DEC-15 /u01/app/oracle/oradata/codaprod/users01.dbf

5 Full 3975564489 06-DEC-15 /ora\_data/datafile1.dbf

6 Full 3975564489 06-DEC-15 /ora\_idx/idxfile1.dbf

7 Full 3975564489 06-DEC-15 /ora\_data/datafile2.dbf

8 Full 3975564489 06-DEC-15 /u01/app/oracle/oradata/codaprod/perfstat01.dbf

9 Full 3975564489 06-DEC-15 /ora\_data/datafile3.dbf

10 Full 3975564489 06-DEC-15 /ora\_idx/idxfile2.dbf

11 Full 3975564489 06-DEC-15 /ora\_data2/datafile4.dbf

12 Full 3975564489 06-DEC-15 /ora\_idx2/idxfile3.dbf

13 Full 3975564489 06-DEC-15 /ora\_idx2/idxfile4.dbf

14 Full 3975564489 06-DEC-15 /u01/app/oracle/oradata/codaprod/undotbs02.dbf

15 Full 3975564489 06-DEC-15 /ora\_data2/datafile5.dbf

16 Full 3975564489 06-DEC-15 /ora\_idx3/idxfile6.dbf

17 Full 3975564489 06-DEC-15 /ora\_idx4/idxfile7.dbf

18 Full 3975564489 06-DEC-15 /ora\_data3/datafile6.dbf

19 Full 3975564489 06-DEC-15 /ora\_idx4/idxfile8.dbf

20 Full 3975564489 06-DEC-15 /ora\_idx5/idxfile9.dbf

21 Full 3975564489 06-DEC-15 /ora\_data3/datafile7.dbf

22 Full 3975564489 06-DEC-15 /ora\_data4/datafile8.dbf

23 Full 3975564489 06-DEC-15 /ora\_idx5/idxfile10.dbf

24 Full 3975564489 06-DEC-15 /ora\_data4/datafile9.dbf

25 Full 3975564489 06-DEC-15 /ora\_data5/datafile10.dbf

26 Full 3975564489 06-DEC-15 /ora\_data5/datafile11.dbf

27 Full 3975564489 06-DEC-15 /ora\_idx6/idxfile11.dbf

28 Full 3975564489 06-DEC-15 /ora\_idx6/idxfile12.dbf

29 Full 3975564489 06-DEC-15 /ora\_idx7/idxfile13.dbf

30 Full 3975564489 06-DEC-15 /ora\_idx7/idxfile14.dbf

BS Key Type LV Size Device Type Elapsed Time Completion Time

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11231 Full 687.12G DISK 01:51:10 08-DEC-15

BP Key: 11231 Status: EXPIRED Compressed: NO Tag: TAG20151207T230124

Piece Name: /ora\_fra/CODAPROD/dbbackup/vkqo8li5\_1\_1

List of Datafiles in backup set 11231

File LV Type Ckp SCN Ckp Time Name

---- -- ---- ---------- --------- ----

1 Full 3978968269 07-DEC-15 /u01/app/oracle/oradata/codaprod/system01.dbf

2 Full 3978968269 07-DEC-15 /u01/app/oracle/oradata/codaprod/sysaux01.dbf

3 Full 3978968269 07-DEC-15 /ora\_idx3/idxfile5.dbf

4 Full 3978968269 07-DEC-15 /u01/app/oracle/oradata/codaprod/users01.dbf

5 Full 3978968269 07-DEC-15 /ora\_data/datafile1.dbf

6 Full 3978968269 07-DEC-15 /ora\_idx/idxfile1.dbf

7 Full 3978968269 07-DEC-15 /ora\_data/datafile2.dbf

8 Full 3978968269 07-DEC-15 /u01/app/oracle/oradata/codaprod/perfstat01.dbf

9 Full 3978968269 07-DEC-15 /ora\_data/datafile3.dbf

10 Full 3978968269 07-DEC-15 /ora\_idx/idxfile2.dbf

11 Full 3978968269 07-DEC-15 /ora\_data2/datafile4.dbf

12 Full 3978968269 07-DEC-15 /ora\_idx2/idxfile3.dbf

13 Full 3978968269 07-DEC-15 /ora\_idx2/idxfile4.dbf

14 Full 3978968269 07-DEC-15 /u01/app/oracle/oradata/codaprod/undotbs02.dbf

15 Full 3978968269 07-DEC-15 /ora\_data2/datafile5.dbf

16 Full 3978968269 07-DEC-15 /ora\_idx3/idxfile6.dbf

17 Full 3978968269 07-DEC-15 /ora\_idx4/idxfile7.dbf

18 Full 3978968269 07-DEC-15 /ora\_data3/datafile6.dbf

19 Full 3978968269 07-DEC-15 /ora\_idx4/idxfile8.dbf

20 Full 3978968269 07-DEC-15 /ora\_idx5/idxfile9.dbf

21 Full 3978968269 07-DEC-15 /ora\_data3/datafile7.dbf

22 Full 3978968269 07-DEC-15 /ora\_data4/datafile8.dbf

23 Full 3978968269 07-DEC-15 /ora\_idx5/idxfile10.dbf

24 Full 3978968269 07-DEC-15 /ora\_data4/datafile9.dbf

25 Full 3978968269 07-DEC-15 /ora\_data5/datafile10.dbf

26 Full 3978968269 07-DEC-15 /ora\_data5/datafile11.dbf

27 Full 3978968269 07-DEC-15 /ora\_idx6/idxfile11.dbf

28 Full 3978968269 07-DEC-15 /ora\_idx6/idxfile12.dbf

29 Full 3978968269 07-DEC-15 /ora\_idx7/idxfile13.dbf

30 Full 3978968269 07-DEC-15 /ora\_idx7/idxfile14.dbf

BS Key Type LV Size Device Type Elapsed Time Completion Time

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11237 Full 688.36G DISK 01:43:58 09-DEC-15

BP Key: 11237 Status: EXPIRED Compressed: NO Tag: TAG20151208T230124

Piece Name: /ora\_fra/CODAPROD/dbbackup/vqqob9u5\_1\_1

List of Datafiles in backup set 11237

File LV Type Ckp SCN Ckp Time Name

---- -- ---- ---------- --------- ----

1 Full 3983947958 08-DEC-15 /u01/app/oracle/oradata/codaprod/system01.dbf

2 Full 3983947958 08-DEC-15 /u01/app/oracle/oradata/codaprod/sysaux01.dbf

3 Full 3983947958 08-DEC-15 /ora\_idx3/idxfile5.dbf

4 Full 3983947958 08-DEC-15 /u01/app/oracle/oradata/codaprod/users01.dbf

5 Full 3983947958 08-DEC-15 /ora\_data/datafile1.dbf

6 Full 3983947958 08-DEC-15 /ora\_idx/idxfile1.dbf

7 Full 3983947958 08-DEC-15 /ora\_data/datafile2.dbf

8 Full 3983947958 08-DEC-15 /u01/app/oracle/oradata/codaprod/perfstat01.dbf

9 Full 3983947958 08-DEC-15 /ora\_data/datafile3.dbf

10 Full 3983947958 08-DEC-15 /ora\_idx/idxfile2.dbf

11 Full 3983947958 08-DEC-15 /ora\_data2/datafile4.dbf

12 Full 3983947958 08-DEC-15 /ora\_idx2/idxfile3.dbf

13 Full 3983947958 08-DEC-15 /ora\_idx2/idxfile4.dbf

14 Full 3983947958 08-DEC-15 /u01/app/oracle/oradata/codaprod/undotbs02.dbf

15 Full 3983947958 08-DEC-15 /ora\_data2/datafile5.dbf

16 Full 3983947958 08-DEC-15 /ora\_idx3/idxfile6.dbf

17 Full 3983947958 08-DEC-15 /ora\_idx4/idxfile7.dbf

18 Full 3983947958 08-DEC-15 /ora\_data3/datafile6.dbf

19 Full 3983947958 08-DEC-15 /ora\_idx4/idxfile8.dbf

20 Full 3983947958 08-DEC-15 /ora\_idx5/idxfile9.dbf

21 Full 3983947958 08-DEC-15 /ora\_data3/datafile7.dbf

22 Full 3983947958 08-DEC-15 /ora\_data4/datafile8.dbf

23 Full 3983947958 08-DEC-15 /ora\_idx5/idxfile10.dbf

24 Full 3983947958 08-DEC-15 /ora\_data4/datafile9.dbf

25 Full 3983947958 08-DEC-15 /ora\_data5/datafile10.dbf

26 Full 3983947958 08-DEC-15 /ora\_data5/datafile11.dbf

27 Full 3983947958 08-DEC-15 /ora\_idx6/idxfile11.dbf

28 Full 3983947958 08-DEC-15 /ora\_idx6/idxfile12.dbf

29 Full 3983947958 08-DEC-15 /ora\_idx7/idxfile13.dbf

30 Full 3983947958 08-DEC-15 /ora\_idx7/idxfile14.dbf

BS Key Type LV Size Device Type Elapsed Time Completion Time

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11244 Full 689.25G DISK 01:50:22 10-DEC-15

BP Key: 11244 Status: EXPIRED Compressed: NO Tag: TAG20151209T230125

Piece Name: /ora\_fra/CODAPROD/dbbackup/01qodua5\_1\_1

List of Datafiles in backup set 11244

File LV Type Ckp SCN Ckp Time Name

---- -- ---- ---------- --------- ----

1 Full 3988919866 09-DEC-15 /u01/app/oracle/oradata/codaprod/system01.dbf

2 Full 3988919866 09-DEC-15 /u01/app/oracle/oradata/codaprod/sysaux01.dbf

3 Full 3988919866 09-DEC-15 /ora\_idx3/idxfile5.dbf

4 Full 3988919866 09-DEC-15 /u01/app/oracle/oradata/codaprod/users01.dbf

5 Full 3988919866 09-DEC-15 /ora\_data/datafile1.dbf

6 Full 3988919866 09-DEC-15 /ora\_idx/idxfile1.dbf

7 Full 3988919866 09-DEC-15 /ora\_data/datafile2.dbf

8 Full 3988919866 09-DEC-15 /u01/app/oracle/oradata/codaprod/perfstat01.dbf

9 Full 3988919866 09-DEC-15 /ora\_data/datafile3.dbf

10 Full 3988919866 09-DEC-15 /ora\_idx/idxfile2.dbf

11 Full 3988919866 09-DEC-15 /ora\_data2/datafile4.dbf

12 Full 3988919866 09-DEC-15 /ora\_idx2/idxfile3.dbf

13 Full 3988919866 09-DEC-15 /ora\_idx2/idxfile4.dbf

14 Full 3988919866 09-DEC-15 /u01/app/oracle/oradata/codaprod/undotbs02.dbf

15 Full 3988919866 09-DEC-15 /ora\_data2/datafile5.dbf

16 Full 3988919866 09-DEC-15 /ora\_idx3/idxfile6.dbf

17 Full 3988919866 09-DEC-15 /ora\_idx4/idxfile7.dbf

18 Full 3988919866 09-DEC-15 /ora\_data3/datafile6.dbf

19 Full 3988919866 09-DEC-15 /ora\_idx4/idxfile8.dbf

20 Full 3988919866 09-DEC-15 /ora\_idx5/idxfile9.dbf

21 Full 3988919866 09-DEC-15 /ora\_data3/datafile7.dbf

22 Full 3988919866 09-DEC-15 /ora\_data4/datafile8.dbf

23 Full 3988919866 09-DEC-15 /ora\_idx5/idxfile10.dbf

24 Full 3988919866 09-DEC-15 /ora\_data4/datafile9.dbf

25 Full 3988919866 09-DEC-15 /ora\_data5/datafile10.dbf

26 Full 3988919866 09-DEC-15 /ora\_data5/datafile11.dbf

27 Full 3988919866 09-DEC-15 /ora\_idx6/idxfile11.dbf

28 Full 3988919866 09-DEC-15 /ora\_idx6/idxfile12.dbf

29 Full 3988919866 09-DEC-15 /ora\_idx7/idxfile13.dbf

30 Full 3988919866 09-DEC-15 /ora\_idx7/idxfile14.dbf

BS Key Type LV Size Device Type Elapsed Time Completion Time

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11251 Full 690.36G DISK 01:47:14 11-DEC-15

BP Key: 11251 Status: AVAILABLE Compressed: NO Tag: TAG20151210T230125

Piece Name: /ora\_fra/CODAPROD/dbbackup/08qogim6\_1\_1

List of Datafiles in backup set 11251

File LV Type Ckp SCN Ckp Time Name

---- -- ---- ---------- --------- ----

1 Full 3991996165 10-DEC-15 /u01/app/oracle/oradata/codaprod/system01.dbf

2 Full 3991996165 10-DEC-15 /u01/app/oracle/oradata/codaprod/sysaux01.dbf

3 Full 3991996165 10-DEC-15 /ora\_idx3/idxfile5.dbf

4 Full 3991996165 10-DEC-15 /u01/app/oracle/oradata/codaprod/users01.dbf

5 Full 3991996165 10-DEC-15 /ora\_data/datafile1.dbf

6 Full 3991996165 10-DEC-15 /ora\_idx/idxfile1.dbf

7 Full 3991996165 10-DEC-15 /ora\_data/datafile2.dbf

8 Full 3991996165 10-DEC-15 /u01/app/oracle/oradata/codaprod/perfstat01.dbf

9 Full 3991996165 10-DEC-15 /ora\_data/datafile3.dbf

10 Full 3991996165 10-DEC-15 /ora\_idx/idxfile2.dbf

11 Full 3991996165 10-DEC-15 /ora\_data2/datafile4.dbf

12 Full 3991996165 10-DEC-15 /ora\_idx2/idxfile3.dbf

13 Full 3991996165 10-DEC-15 /ora\_idx2/idxfile4.dbf

14 Full 3991996165 10-DEC-15 /u01/app/oracle/oradata/codaprod/undotbs02.dbf

15 Full 3991996165 10-DEC-15 /ora\_data2/datafile5.dbf

16 Full 3991996165 10-DEC-15 /ora\_idx3/idxfile6.dbf

17 Full 3991996165 10-DEC-15 /ora\_idx4/idxfile7.dbf

18 Full 3991996165 10-DEC-15 /ora\_data3/datafile6.dbf

19 Full 3991996165 10-DEC-15 /ora\_idx4/idxfile8.dbf

20 Full 3991996165 10-DEC-15 /ora\_idx5/idxfile9.dbf

21 Full 3991996165 10-DEC-15 /ora\_data3/datafile7.dbf

22 Full 3991996165 10-DEC-15 /ora\_data4/datafile8.dbf

23 Full 3991996165 10-DEC-15 /ora\_idx5/idxfile10.dbf

24 Full 3991996165 10-DEC-15 /ora\_data4/datafile9.dbf

25 Full 3991996165 10-DEC-15 /ora\_data5/datafile10.dbf

26 Full 3991996165 10-DEC-15 /ora\_data5/datafile11.dbf

27 Full 3991996165 10-DEC-15 /ora\_idx6/idxfile11.dbf

28 Full 3991996165 10-DEC-15 /ora\_idx6/idxfile12.dbf

29 Full 3991996165 10-DEC-15 /ora\_idx7/idxfile13.dbf

30 Full 3991996165 10-DEC-15 /ora\_idx7/idxfile14.dbf

**crosscheck command queries the repository to find details of what whole backups have been made of the database, and then goes to the storage device(s) to see if the pieces do in fact exist. For pieces on disk, the disk directory is read and the file header validated; for pieces on tape, only the tape directory is read. Any pieces that no longer exist are flagged in the repository as EXPIRED.**

RMAN> crosscheck backup;

crosschecked backup piece: found to be 'EXPIRED'

backup piece handle=/ora\_fra/CODAPROD/dbbackup/04qoe4qu\_1\_1 RECID=11247 STAMP=898044767

crosschecked backup piece: found to be 'EXPIRED'

backup piece handle=/ora\_fra/CODAPROD/dbbackup/05qoe4sd\_1\_1 RECID=11248 STAMP=898044814

crosschecked backup piece: found to be 'EXPIRED'

backup piece handle=/ora\_fra/CODAPROD/dbbackup/06qoe4ts\_1\_1 RECID=11249 STAMP=898044861

crosschecked backup piece: found to be 'AVAILABLE'

backup piece handle=/ora\_fra/CODAPROD/autobackup/c-1057852613-20151210-01 RECID=11250 STAMP=898044908

crosschecked backup piece: found to be 'EXPIRED'

backup piece handle=/ora\_fra/CODAPROD/dbbackup/08qogim6\_1\_1 RECID=11251 STAMP=898124488

crosschecked backup piece: found to be 'AVAILABLE'

backup piece handle=/ora\_fra/CODAPROD/autobackup/c-1057852613-20151211-00 RECID=11252 STAMP=898130924

crosschecked backup piece: found to be 'AVAILABLE'

backup piece handle=/ora\_fra/CODAPROD/dbbackup/0aqogovj\_1\_1 RECID=11253 STAMP=898130931

crosschecked backup piece: found to be 'AVAILABLE'

backup piece handle=/ora\_fra/CODAPROD/dbbackup/0bqogp12\_1\_1 RECID=11254 STAMP=898130979

crosschecked backup piece: found to be 'AVAILABLE'

backup piece handle=/ora\_fra/CODAPROD/dbbackup/0cqogp2i\_1\_1 RECID=11255 STAMP=898131027

crosschecked backup piece: found to be 'AVAILABLE'

backup piece handle=/ora\_fra/CODAPROD/autobackup/c-1057852613-20151211-02 RECID=11256 STAMP=898150888

Crosschecked 785 objects

RMAN>delete expired backup;

RMAN>delete expired archivelog all;

RMAN> crosscheck backup;

using channel ORA\_DISK\_1

crosschecked backup piece: found to be 'AVAILABLE'

backup piece handle=/ora\_fra/CODAPROD/autobackup/c-1057852613-20151208-00 RECID=11232 STAMP=897871964

crosschecked backup piece: found to be 'AVAILABLE'

backup piece handle=/ora\_fra/CODAPROD/autobackup/c-1057852613-20151208-01 RECID=11236 STAMP=897872147

crosschecked backup piece: found to be 'AVAILABLE'

backup piece handle=/ora\_fra/CODAPROD/autobackup/c-1057852613-20151209-00 RECID=11238 STAMP=897957932

crosschecked backup piece: found to be 'AVAILABLE'

backup piece handle=/ora\_fra/CODAPROD/autobackup/c-1057852613-20151209-01 RECID=11243 STAMP=897958223

crosschecked backup piece: found to be 'AVAILABLE'

backup piece handle=/ora\_fra/CODAPROD/autobackup/c-1057852613-20151210-00 RECID=11245 STAMP=898044713

crosschecked backup piece: found to be 'AVAILABLE'

backup piece handle=/ora\_fra/CODAPROD/autobackup/c-1057852613-20151210-01 RECID=11250 STAMP=898044908

crosschecked backup piece: found to be 'AVAILABLE'

backup piece handle=/ora\_fra/CODAPROD/autobackup/c-1057852613-20151211-00 RECID=11252 STAMP=898130924

crosschecked backup piece: found to be 'AVAILABLE'

backup piece handle=/ora\_fra/CODAPROD/dbbackup/0aqogovj\_1\_1 RECID=11253 STAMP=898130931

crosschecked backup piece: found to be 'AVAILABLE'

backup piece handle=/ora\_fra/CODAPROD/dbbackup/0bqogp12\_1\_1 RECID=11254 STAMP=898130979

crosschecked backup piece: found to be 'AVAILABLE'

backup piece handle=/ora\_fra/CODAPROD/dbbackup/0cqogp2i\_1\_1 RECID=11255 STAMP=898131027

crosschecked backup piece: found to be 'AVAILABLE'

backup piece handle=/ora\_fra/CODAPROD/autobackup/c-1057852613-20151211-02 RECID=11256 STAMP=898150888

Crosschecked 11 objects

RMAN> crosscheck archivelog all;

released channel: ORA\_DISK\_1

allocated channel: ORA\_DISK\_1

channel ORA\_DISK\_1: SID=199 device type=DISK

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118974\_828728559.arlog RECID=198306 STAMP=898150674

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118975\_828728559.arlog RECID=198305 STAMP=898150673

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118976\_828728559.arlog RECID=198307 STAMP=898150692

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118977\_828728559.arlog RECID=198308 STAMP=898150697

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118978\_828728559.arlog RECID=198309 STAMP=898150704

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118979\_828728559.arlog RECID=198310 STAMP=898150713

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118980\_828728559.arlog RECID=198311 STAMP=898150720

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118981\_828728559.arlog RECID=198312 STAMP=898150725

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118982\_828728559.arlog RECID=198313 STAMP=898150731

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118983\_828728559.arlog RECID=198314 STAMP=898150737

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118984\_828728559.arlog RECID=198315 STAMP=898150743

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118985\_828728559.arlog RECID=198316 STAMP=898150748

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118986\_828728559.arlog RECID=198317 STAMP=898150752

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118987\_828728559.arlog RECID=198318 STAMP=898150757

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118988\_828728559.arlog RECID=198319 STAMP=898150760

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118989\_828728559.arlog RECID=198320 STAMP=898150764

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118990\_828728559.arlog RECID=198321 STAMP=898150768

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118991\_828728559.arlog RECID=198322 STAMP=898150772

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118992\_828728559.arlog RECID=198323 STAMP=898150776

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118993\_828728559.arlog RECID=198324 STAMP=898150779

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118994\_828728559.arlog RECID=198325 STAMP=898150782

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118995\_828728559.arlog RECID=198326 STAMP=898150785

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118996\_828728559.arlog RECID=198327 STAMP=898150788

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118997\_828728559.arlog RECID=198328 STAMP=898150791

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118998\_828728559.arlog RECID=198329 STAMP=898150793

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118999\_828728559.arlog RECID=198330 STAMP=898150796

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119000\_828728559.arlog RECID=198331 STAMP=898150798

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119001\_828728559.arlog RECID=198332 STAMP=898150801

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119002\_828728559.arlog RECID=198333 STAMP=898150804

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119003\_828728559.arlog RECID=198334 STAMP=898150808

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119004\_828728559.arlog RECID=198335 STAMP=898150813

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119005\_828728559.arlog RECID=198336 STAMP=898150817

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119006\_828728559.arlog RECID=198337 STAMP=898150822

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119007\_828728559.arlog RECID=198338 STAMP=898150827

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119008\_828728559.arlog RECID=198339 STAMP=898150831

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119009\_828728559.arlog RECID=198340 STAMP=898150836

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119010\_828728559.arlog RECID=198341 STAMP=898150840

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119011\_828728559.arlog RECID=198342 STAMP=898150850

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119012\_828728559.arlog RECID=198343 STAMP=898150855

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119013\_828728559.arlog RECID=198344 STAMP=898150858

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119014\_828728559.arlog RECID=198345 STAMP=898150862

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119015\_828728559.arlog RECID=198346 STAMP=898150864

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119016\_828728559.arlog RECID=198347 STAMP=898150865

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_1\_898150868.arlog RECID=198348 STAMP=898207220

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_2\_898150868.arlog RECID=198349 STAMP=898284205

validation succeeded for archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_3\_898150868.arlog RECID=198350 STAMP=898370644

Crosschecked 46 objects

RMAN> report obsolete;

RMAN> delete obsolete;

RMAN>

codarpt:oracle@/home/oracle$df -g

Filesystem GB blocks Free %Used Iused %Iused Mounted on

/dev/hd4 2.00 1.74 14% 11828 3% /

/dev/hd2 10.00 3.21 68% 69627 9% /usr

/dev/hd9var 4.00 2.89 28% 12441 2% /var

/dev/hd3 4.00 2.26 44% 2491 1% /tmp

/dev/hd1 6.00 0.83 87% 35397 16% /home

/dev/hd11admin 1.00 1.00 1% 5 1% /admin

/proc - - - - - /proc

/dev/hd10opt 4.00 2.23 45% 19853 4% /opt

/dev/livedump 0.25 0.25 1% 4 1% /var/adm/ras/livedump

/dev/codaadmlv 2.00 1.95 3% 101 1% /coda

/dev/u02lv 30.00 11.09 64% 39204 2% /u02

/dev/mon\_fralv 10.00 9.92 1% 19 1% /monthly

/dev/mon\_backuplv 800.00 134.12 84% 9 1% /mon\_backup

/dev/mon\_data1lv 60.50 0.25 100% 7 1% /mon\_data1

/dev/mon\_data2lv 60.50 0.25 100% 7 1% /mon\_data2

/dev/mon\_idx1lv 60.50 0.25 100% 7 1% /mon\_idx1

/dev/mon\_idx2lv 60.50 0.25 100% 7 1% /mon\_idx2

/dev/mon\_templv 16.50 2.66 84% 21 1% /mon\_temp

/dev/u01lv 50.00 10.51 79% 38935 2% /u01

/dev/ora\_fralv 750.00 241.24 68% 1992 1% /ora\_fra

/dev/ora\_data1lv 90.50 0.13 100% 7 1% /ora\_data

/dev/ora\_data2lv 60.50 0.25 100% 6 1% /ora\_data2

/dev/ora\_idx1lv 60.50 0.25 100% 6 1% /ora\_idx

/dev/ora\_idx2lv 60.50 0.25 100% 6 1% /ora\_idx2

/dev/ora\_idx3lv 60.50 0.25 100% 6 1% /ora\_idx3

/dev/ora\_templv 50.50 50.26 1% 27 1% /ora\_temp

/dev/ora\_backuplv 2.00 1.97 2% 7 1% /ora\_backup

/dev/history\_lv 0.12 0.12 2% 26 1% /var/adm/history

/dev/mon\_idx3lv 60.50 0.25 100% 6 1% /mon\_idx3

/dev/ora\_idx4lv 60.50 0.25 100% 6 1% /ora\_idx4

/dev/mon\_data3lv 60.50 0.25 100% 6 1% /mon\_data3

/dev/ora\_data3lv 60.50 0.25 100% 6 1% /ora\_data3

/dev/mon\_idx4lv 60.50 0.25 100% 6 1% /mon\_idx4

/dev/ora\_idx5lv 60.50 0.25 100% 6 1% /ora\_idx5

/dev/ora\_data4lv 60.50 0.25 100% 6 1% /ora\_data4

/dev/ora\_data5lv 60.50 0.25 100% 6 1% /ora\_data5

/dev/ora\_idx6lv 60.50 0.25 100% 6 1% /ora\_idx6

/dev/ora\_idx7lv 60.50 0.25 100% 6 1% /ora\_idx7

**codarpt:oracle@/home/oracle$rman target /**

Recovery Manager: Release 11.2.0.2.0 - Production on Mon Dec 14 16:02:43 2015

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connected to target database: CODAPROD (DBID=1057852613)

**RMAN> delete backupset;**

using target database control file instead of recovery catalog

allocated channel: ORA\_DISK\_1

channel ORA\_DISK\_1: SID=199 device type=DISK

List of Backup Pieces

BP Key BS Key Pc# Cp# Status Device Type Piece Name

------- ------- --- --- ----------- ----------- ----------

11232 11232 1 1 AVAILABLE DISK /ora\_fra/CODAPROD/autobackup/c-1057852613-20151208-00

11236 11236 1 1 AVAILABLE DISK /ora\_fra/CODAPROD/autobackup/c-1057852613-20151208-01

11238 11238 1 1 AVAILABLE DISK /ora\_fra/CODAPROD/autobackup/c-1057852613-20151209-00

11243 11243 1 1 AVAILABLE DISK /ora\_fra/CODAPROD/autobackup/c-1057852613-20151209-01

11245 11245 1 1 AVAILABLE DISK /ora\_fra/CODAPROD/autobackup/c-1057852613-20151210-00

11250 11250 1 1 AVAILABLE DISK /ora\_fra/CODAPROD/autobackup/c-1057852613-20151210-01

11252 11252 1 1 AVAILABLE DISK /ora\_fra/CODAPROD/autobackup/c-1057852613-20151211-00

11253 11253 1 1 AVAILABLE DISK /ora\_fra/CODAPROD/dbbackup/0aqogovj\_1\_1

11254 11254 1 1 AVAILABLE DISK /ora\_fra/CODAPROD/dbbackup/0bqogp12\_1\_1

11255 11255 1 1 AVAILABLE DISK /ora\_fra/CODAPROD/dbbackup/0cqogp2i\_1\_1

11256 11256 1 1 AVAILABLE DISK /ora\_fra/CODAPROD/autobackup/c-1057852613-20151211-02

Do you really want to delete the above objects (enter YES or NO)? yes

deleted backup piece

backup piece handle=/ora\_fra/CODAPROD/autobackup/c-1057852613-20151208-00 RECID=11232 STAMP=897871964

deleted backup piece

backup piece handle=/ora\_fra/CODAPROD/autobackup/c-1057852613-20151208-01 RECID=11236 STAMP=897872147

deleted backup piece

backup piece handle=/ora\_fra/CODAPROD/autobackup/c-1057852613-20151209-00 RECID=11238 STAMP=897957932

deleted backup piece

backup piece handle=/ora\_fra/CODAPROD/autobackup/c-1057852613-20151209-01 RECID=11243 STAMP=897958223

deleted backup piece

backup piece handle=/ora\_fra/CODAPROD/autobackup/c-1057852613-20151210-00 RECID=11245 STAMP=898044713

deleted backup piece

backup piece handle=/ora\_fra/CODAPROD/autobackup/c-1057852613-20151210-01 RECID=11250 STAMP=898044908

deleted backup piece

backup piece handle=/ora\_fra/CODAPROD/autobackup/c-1057852613-20151211-00 RECID=11252 STAMP=898130924

deleted backup piece

backup piece handle=/ora\_fra/CODAPROD/dbbackup/0aqogovj\_1\_1 RECID=11253 STAMP=898130931

deleted backup piece

backup piece handle=/ora\_fra/CODAPROD/dbbackup/0bqogp12\_1\_1 RECID=11254 STAMP=898130979

deleted backup piece

backup piece handle=/ora\_fra/CODAPROD/dbbackup/0cqogp2i\_1\_1 RECID=11255 STAMP=898131027

deleted backup piece

backup piece handle=/ora\_fra/CODAPROD/autobackup/c-1057852613-20151211-02 RECID=11256 STAMP=898150888

Deleted 11 objects

**RMAN> delete copy;**

released channel: ORA\_DISK\_1

allocated channel: ORA\_DISK\_1

channel ORA\_DISK\_1: SID=199 device type=DISK

specification does not match any datafile copy in the repository

specification does not match any control file copy in the repository

List of Archived Log Copies for database with db\_unique\_name CODAPROD

=====================================================================

Key Thrd Seq S Low Time

------- ---- ------- - ---------

198306 1 118974 A 10-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118974\_828728559.arlog

198305 1 118975 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118975\_828728559.arlog

198307 1 118976 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118976\_828728559.arlog

198308 1 118977 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118977\_828728559.arlog

198309 1 118978 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118978\_828728559.arlog

198310 1 118979 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118979\_828728559.arlog

198311 1 118980 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118980\_828728559.arlog

198312 1 118981 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118981\_828728559.arlog

198313 1 118982 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118982\_828728559.arlog

198314 1 118983 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118983\_828728559.arlog

198315 1 118984 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118984\_828728559.arlog

198316 1 118985 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118985\_828728559.arlog

198317 1 118986 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118986\_828728559.arlog

198318 1 118987 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118987\_828728559.arlog

198319 1 118988 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118988\_828728559.arlog

198320 1 118989 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118989\_828728559.arlog

198321 1 118990 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118990\_828728559.arlog

198322 1 118991 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118991\_828728559.arlog

198323 1 118992 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118992\_828728559.arlog

198324 1 118993 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118993\_828728559.arlog

198325 1 118994 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118994\_828728559.arlog

198326 1 118995 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118995\_828728559.arlog

198327 1 118996 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118996\_828728559.arlog

198328 1 118997 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118997\_828728559.arlog

198329 1 118998 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118998\_828728559.arlog

198330 1 118999 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_118999\_828728559.arlog

198331 1 119000 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_119000\_828728559.arlog

198332 1 119001 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_119001\_828728559.arlog

198333 1 119002 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_119002\_828728559.arlog

198334 1 119003 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_119003\_828728559.arlog

198335 1 119004 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_119004\_828728559.arlog

198336 1 119005 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_119005\_828728559.arlog

198337 1 119006 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_119006\_828728559.arlog

198338 1 119007 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_119007\_828728559.arlog

198339 1 119008 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_119008\_828728559.arlog

198340 1 119009 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_119009\_828728559.arlog

198341 1 119010 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_119010\_828728559.arlog

198342 1 119011 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_119011\_828728559.arlog

198343 1 119012 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_119012\_828728559.arlog

198344 1 119013 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_119013\_828728559.arlog

198345 1 119014 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_119014\_828728559.arlog

198346 1 119015 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_119015\_828728559.arlog

198347 1 119016 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_119016\_828728559.arlog

198348 1 1 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_1\_898150868.arlog

198349 1 2 A 11-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_2\_898150868.arlog

198350 1 3 A 12-DEC-15

Name: /ora\_fra/oradata/codaprod/archivelog/1\_3\_898150868.arlog

Do you really want to delete the above objects (enter YES or NO)? yes

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118974\_828728559.arlog RECID=198306 STAMP=898150674

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118975\_828728559.arlog RECID=198305 STAMP=898150673

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118976\_828728559.arlog RECID=198307 STAMP=898150692

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118977\_828728559.arlog RECID=198308 STAMP=898150697

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118978\_828728559.arlog RECID=198309 STAMP=898150704

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118979\_828728559.arlog RECID=198310 STAMP=898150713

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118980\_828728559.arlog RECID=198311 STAMP=898150720

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118981\_828728559.arlog RECID=198312 STAMP=898150725

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118982\_828728559.arlog RECID=198313 STAMP=898150731

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118983\_828728559.arlog RECID=198314 STAMP=898150737

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118984\_828728559.arlog RECID=198315 STAMP=898150743

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118985\_828728559.arlog RECID=198316 STAMP=898150748

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118986\_828728559.arlog RECID=198317 STAMP=898150752

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archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118987\_828728559.arlog RECID=198318 STAMP=898150757

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118988\_828728559.arlog RECID=198319 STAMP=898150760

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118989\_828728559.arlog RECID=198320 STAMP=898150764

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118990\_828728559.arlog RECID=198321 STAMP=898150768

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118991\_828728559.arlog RECID=198322 STAMP=898150772

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118992\_828728559.arlog RECID=198323 STAMP=898150776

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118993\_828728559.arlog RECID=198324 STAMP=898150779

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118994\_828728559.arlog RECID=198325 STAMP=898150782

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archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118995\_828728559.arlog RECID=198326 STAMP=898150785

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118996\_828728559.arlog RECID=198327 STAMP=898150788

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118997\_828728559.arlog RECID=198328 STAMP=898150791

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118998\_828728559.arlog RECID=198329 STAMP=898150793

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_118999\_828728559.arlog RECID=198330 STAMP=898150796

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119000\_828728559.arlog RECID=198331 STAMP=898150798

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119001\_828728559.arlog RECID=198332 STAMP=898150801

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119002\_828728559.arlog RECID=198333 STAMP=898150804

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119003\_828728559.arlog RECID=198334 STAMP=898150808

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119004\_828728559.arlog RECID=198335 STAMP=898150813

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119005\_828728559.arlog RECID=198336 STAMP=898150817

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119006\_828728559.arlog RECID=198337 STAMP=898150822

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119007\_828728559.arlog RECID=198338 STAMP=898150827

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119008\_828728559.arlog RECID=198339 STAMP=898150831

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119009\_828728559.arlog RECID=198340 STAMP=898150836

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119010\_828728559.arlog RECID=198341 STAMP=898150840

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119011\_828728559.arlog RECID=198342 STAMP=898150850

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119012\_828728559.arlog RECID=198343 STAMP=898150855

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119013\_828728559.arlog RECID=198344 STAMP=898150858

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119014\_828728559.arlog RECID=198345 STAMP=898150862

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119015\_828728559.arlog RECID=198346 STAMP=898150864

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_119016\_828728559.arlog RECID=198347 STAMP=898150865

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_1\_898150868.arlog RECID=198348 STAMP=898207220

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_2\_898150868.arlog RECID=198349 STAMP=898284205

deleted archived log

archived log file name=/ora\_fra/oradata/codaprod/archivelog/1\_3\_898150868.arlog RECID=198350 STAMP=898370644

Deleted 46 objects

$ sudo su - oracle

codarpt:oracle@/home/oracle$. ./daily.env

codarpt:oracle@/home/oracle$lsnrctl status

LSNRCTL for IBM/AIX RISC System/6000: Version 11.2.0.2.0 - Production on 23-DEC-2015 08:51:09

Copyright (c) 1991, 2010, Oracle. All rights reserved.

Connecting to (DESCRIPTION=(ADDRESS=(PROTOCOL=TCP)(HOST=codarptapp)(PORT=1521)))

STATUS of the LISTENER

------------------------

Alias LISTENER

Version TNSLSNR for IBM/AIX RISC System/6000: Version 11.2.0.2.0 - Production

Start Date 12-OCT-2013 13:05:26

Uptime 304 days 18 hr. 18 min. 30 sec

Trace Level off

Security ON: Local OS Authentication

SNMP ON

Listener Parameter File /u01/app/oracle/product/11.2.0/dbhome\_1/network/admin/listener.ora

Listener Log File /u01/app/oracle/diag/tnslsnr/codarpt/listener/alert/log.xml

Listening Endpoints Summary...

(DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=10.253.133.145)(PORT=1521)))

(DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=EXTPROC1521)))

Services Summary...

Service "codaprod.livingstonintl.com" has 1 instance(s).

**Instance "codaprod", status READY**, has 1 handler(s) for this service...

The command completed successfully

codarpt:oracle@/home/oracle$sqlplus / as sysdba

SQL\*Plus: Release 11.2.0.2.0 Production on Wed Dec 23 08:54:31 2015

Copyright (c) 1982, 2010, Oracle. All rights reserved.

Connected to:

Oracle Database 11g Release 11.2.0.2.0 - 64bit Production

SQL> desc v$instance

Name Null? Type

----------------------------------------- -------- ----------------------------

INSTANCE\_NUMBER NUMBER

INSTANCE\_NAME VARCHAR2(16)

HOST\_NAME VARCHAR2(64)

VERSION VARCHAR2(17)

STARTUP\_TIME DATE

STATUS VARCHAR2(12)

PARALLEL VARCHAR2(3)

THREAD# NUMBER

ARCHIVER VARCHAR2(7)

LOG\_SWITCH\_WAIT VARCHAR2(15)

LOGINS VARCHAR2(10)

SHUTDOWN\_PENDING VARCHAR2(3)

DATABASE\_STATUS VARCHAR2(17)

INSTANCE\_ROLE VARCHAR2(18)

ACTIVE\_STATE VARCHAR2(9)

BLOCKED VARCHAR2(3)

**SQL> select status from v$instance;**

STATUS

------------

**MOUNTED**

SQL> quit

Disconnected from Oracle Database 11g Release 11.2.0.2.0 - 64bit Production

codarpt:oracle@/home/oracle$rman target /

Recovery Manager: Release 11.2.0.2.0 - Production on Wed Dec 23 08:55:14 2015

Copyright (c) 1982, 2009, Oracle and/or its affiliates. All rights reserved.

connected to target database: CODAPROD (DBID=1057852613, not open)

**RMAN> list failure;**

using target database control file instead of recovery catalog

List of Database Failures

=========================

Failure ID Priority Status Time Detected Summary

---------- -------- --------- ------------- -------

184630 CRITICAL OPEN 23-DEC-15 System datafile 1: **'/u01/app/oracle/oradata/codaprod/system01.dbf' needs media recovery**

184627 CRITICAL OPEN 23-DEC-15 **Control file needs media recovery**

46 HIGH OPEN 23-DEC-15 **One or more non-system datafiles need media recovery**

**codarpt:oracle@/home/oracle/report$more restore.out**

Recovery Manager: Release 11.2.0.2.0 - Production on Wed Dec 23 05:01:00 2015

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RMAN> connect target;

2> shutdown immediate;

3>

4> connect target;

5> set DBID=1057852613;

6>

7> startup nomount;

8>

9> RUN

10> {

11> SET CONTROLFILE AUTOBACKUP FORMAT FOR DEVICE TYPE DISK TO '/ora\_fra/CODAPROD/autobackup/%F';

12> RESTORE CONTROLFILE FROM AUTOBACKUP;

13> }

14>

15> alter database mount;

16>

17> RUN {

18> RESTORE DATABASE;

19> RECOVER DATABASE;

20> }

21>

22>

23>

connected to target database: CODAPROD (DBID=1057852613)

using target database control file instead of recovery catalog

database closed

database dismounted

Oracle instance shut down

connected to target database (not started)

executing command: SET DBID

Oracle instance started

Total System Global Area 25654751232 bytes

Fixed Size 2231608 bytes

Variable Size 9999221448 bytes

Database Buffers 15636365312 bytes

Redo Buffers 16932864 bytes

executing command: SET CONTROLFILE AUTOBACKUP FORMAT

Starting restore at Dec 23 2015 05:01:14

allocated channel: ORA\_DISK\_1

channel ORA\_DISK\_1: SID=488 device type=DISK

recovery area destination: /ora\_fra

database name (or database unique name) used for search: CODAPROD

channel ORA\_DISK\_1: no AUTOBACKUPS found in the recovery area

channel ORA\_DISK\_1: looking for AUTOBACKUP on day: 20151223

channel ORA\_DISK\_1: AUTOBACKUP found: /ora\_fra/CODAPROD/autobackup/c-1057852613-20151223-01

channel ORA\_DISK\_1: restoring control file from AUTOBACKUP /ora\_fra/CODAPROD/autobackup/c-1057852613-20151223-01

channel ORA\_DISK\_1: control file restore from AUTOBACKUP complete

output file name=/ora\_backup/controlfile/control01.ctl

output file name=/ora\_fra/oradata/codaprod/controlfile/control02.ctl

Finished restore at Dec 23 2015 05:01:16

database mounted

released channel: ORA\_DISK\_1

Starting restore at Dec 23 2015 05:01:21

Starting implicit crosscheck backup at Dec 23 2015 05:01:21

allocated channel: ORA\_DISK\_1

channel ORA\_DISK\_1: SID=488 device type=DISK

Crosschecked 784 objects

Finished implicit crosscheck backup at Dec 23 2015 05:01:51

Starting implicit crosscheck copy at Dec 23 2015 05:01:51

using channel ORA\_DISK\_1

Finished implicit crosscheck copy at Dec 23 2015 05:01:51

searching for all files in the recovery area

cataloging files...

cataloging done

List of Cataloged Files

=======================

File Name: /ora\_fra/CODAPROD/autobackup/c-1057852613-20151223-01

using channel ORA\_DISK\_1

RMAN-00571: ===========================================================

RMAN-00569: =============== ERROR MESSAGE STACK FOLLOWS ===============

RMAN-00571: ===========================================================

RMAN-03002: failure of restore command at 12/23/2015 05:01:56

**RMAN-06026: some targets not found - aborting restore**

RMAN-06023: no backup or copy of datafile 4 found to restore

RMAN-06023: no backup or copy of datafile 2 found to restore

RMAN-06023: no backup or copy of datafile 1 found to restore

$ vi cf.sql

"cf.sql" 47 lines, 1796 characters

CREATE CONTROLFILE DATABASE "CODAPROD" RESETLOGS ARCHIVELOG

LOGFILE

GROUP 1 '/ora\_fra/oradata/codaprod/redolog/redo1.log' SIZE 2000M,

GROUP 2 '/ora\_fra/oradata/codaprod/redolog/redo2.log' SIZE 2000M,

GROUP 3 '/ora\_fra/oradata/codaprod/redolog/redo3.log' SIZE 2000M,

GROUP 4 '/ora\_fra/oradata/codaprod/redolog/redo4.log' SIZE 2000M,

GROUP 5 '/ora\_fra/oradata/codaprod/redolog/redo5.log' SIZE 2000M,

GROUP 6 '/ora\_fra/oradata/codaprod/redolog/redo6.log' SIZE 2000M,

GROUP 7 '/ora\_fra/oradata/codaprod/redolog/redo7.log' SIZE 2000M,

GROUP 8 '/ora\_fra/oradata/codaprod/redolog/redo8.log' SIZE 2000M,

GROUP 9 '/ora\_fra/oradata/codaprod/redolog/redo9.log' SIZE 2000M,

GROUP 10 '/ora\_fra/oradata/codaprod/redolog/redo10.log' SIZE 2000M,

GROUP 11 '/ora\_fra/oradata/codaprod/redolog/redo11.log' SIZE 2000M,

GROUP 12 '/ora\_fra/oradata/codaprod/redolog/redo12.log' SIZE 2000M

DATAFILE

'/u01/app/oracle/oradata/codaprod/system01.dbf',

'/u01/app/oracle/oradata/codaprod/sysaux01.dbf',

'/ora\_idx3/idxfile5.dbf',

'/u01/app/oracle/oradata/codaprod/users01.dbf',

'/ora\_data/datafile1.dbf',

'/ora\_idx/idxfile1.dbf',

'/ora\_data/datafile2.dbf',

'/u01/app/oracle/oradata/codaprod/perfstat01.dbf',

'/ora\_data/datafile3.dbf',

'/ora\_idx/idxfile2.dbf',

'/ora\_data2/datafile4.dbf',

'/ora\_idx2/idxfile3.dbf',

'/ora\_idx2/idxfile4.dbf',

'/u01/app/oracle/oradata/codaprod/undotbs02.dbf',

'/ora\_data2/datafile5.dbf',

'/ora\_idx3/idxfile6.dbf',

'/ora\_idx4/idxfile7.dbf',

'/ora\_data3/datafile6.dbf',

'/ora\_idx4/idxfile8.dbf',

'/ora\_idx5/idxfile9.dbf',

'/ora\_data3/datafile7.dbf',

'/ora\_data4/datafile8.dbf',

'/ora\_idx5/idxfile10.dbf',

'/ora\_data4/datafile9.dbf',

'/ora\_data5/datafile10.dbf',

'/ora\_data5/datafile11.dbf',

'/ora\_idx6/idxfile11.dbf',

'/ora\_idx6/idxfile12.dbf',

'/ora\_idx7/idxfile13.dbf',

'/ora\_idx7/idxfile14.dbf'

;

"cf.sql" 47 lines, 1797 characters

$ sudo su - oracle

codarpt:oracle@/home/oracle$. ./daily.env

codarpt:oracle@/home/oracle$sqlplus / as sysdba

SQL\*Plus: Release 11.2.0.2.0 Production on Wed Dec 23 17:04:24 2015

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Connected to:

Oracle Database 11g Release 11.2.0.2.0 - 64bit Production

SQL> start /home/lchen/cf.sql

CREATE CONTROLFILE DATABASE "CODAPROD" RESETLOGS ARCHIVELOG

\*

ERROR at line 1:

ORA-01503: CREATE CONTROLFILE failed

ORA-00200: control file could not be created

ORA-00202: control file: '/ora\_backup/controlfile/control01.ctl'

ORA-27038: created file already exists

Additional information: 1

SQL> quit

Disconnected from Oracle Database 11g Release 11.2.0.2.0 - 64bit Production

codarpt:oracle@/home/oracle$up/controlfile/control01.ctl.bkup <

codarpt:oracle@/home/oracle$sqlplus / as sysdba

SQL\*Plus: Release 11.2.0.2.0 Production on Wed Dec 23 17:05:13 2015

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Connected to:

Oracle Database 11g Release 11.2.0.2.0 - 64bit Production

SQL> start /home/lchen/cf.sql

CREATE CONTROLFILE DATABASE "CODAPROD" RESETLOGS ARCHIVELOG

\*

ERROR at line 1:

ORA-01503: CREATE CONTROLFILE failed

ORA-00200: control file could not be created

ORA-00202: control file: '/ora\_fra/oradata/codaprod/controlfile/control02.ctl'

ORA-27038: created file already exists

Additional information: 1

SQL> host mv /ora\_fra/oradata/codaprod/controlfile/control02.ctl /ora\_fra/oradata/codaprod/controlfile/control02.ctl.bkup

SQL> start /home/lchen/cf.sql

CREATE CONTROLFILE DATABASE "CODAPROD" RESETLOGS ARCHIVELOG

\*

ERROR at line 1:

ORA-01503: CREATE CONTROLFILE failed

ORA-00200: control file could not be created

ORA-00202: control file: '/ora\_backup/controlfile/control01.ctl'

ORA-27038: created file already exists

Additional information: 1

SQL> host /ora\_backup/controlfile/control01.ctl /ora\_backup/controlfile/control01.ctl.bkup

/usr/bin/ksh: /ora\_backup/controlfile/control01.ctl: cannot execute

SQL> host mv /ora\_backup/controlfile/control01.ctl /ora\_backup/controlfile/control01.ctl.bkup

SQL> host mv /ora\_fra/oradata/codaprod/controlfile/control02.ctl /ora\_fra/oradata/codaprod/controlfile/control02.ctl.bkup

mv: cannot rename /ora\_fra/oradata/codaprod/controlfile/control02.ctl to /ora\_fra/oradata/codaprod/controlfile/control02.ctl.bkup:

No such file or directory

SQL> start /home/lchen/cf.sql

Control file created.

SQL> alter database mount;

alter database mount

\*

ERROR at line 1:

ORA-01100: database already mounted

SQL> alter database open resetlog;

alter database open resetlog

\*

ERROR at line 1:

ORA-02288: invalid OPEN mode

SQL> alter database open resetlogs;

Database altered.

SQL> select status from v$instance;

STATUS

------------

OPEN

SQL> ALTER DATABASE BACKUP CONTROLFILE TO TRACE;

This command writes a SQL script to a trace file where it can be captured and edited to reproduce the control file. View the alert log to determine the name and location of the trace file

Oracle will write the alert.log file to the directory as specified by the ACKGROUND\_DUMP\_DEST parameter. If this parameter is not set, the alert.log will be created in the ORACLE\_HOME/rdbms/trace directory

Oracle Database 11g Release 11.2.0.2.0 - 64bit Production

ORACLE\_HOME = /u01/app/oracle/product/11.2.0/dbhome\_1

System name: AIX

Node name: codarpt

Release: 1

Version: 6

Machine: 00F86F624C00

Instance name: codaprod

Redo thread mounted by this instance: 1

Oracle process number: 19

Unix process pid: 12255432, image: oracle@codarpt (TNS V1-V3)

\*\*\* 2015-12-24 09:28:04.663

\*\*\* SESSION ID:(292.31) 2015-12-24 09:28:04.663

\*\*\* CLIENT ID:() 2015-12-24 09:28:04.663

\*\*\* SERVICE NAME:() 2015-12-24 09:28:04.663

\*\*\* MODULE NAME:(sqlplus@codarpt (TNS V1-V3)) 2015-12-24 09:28:04.663

\*\*\* ACTION NAME:() 2015-12-24 09:28:04.663

-- The following are current System-scope REDO Log Archival related

-- parameters and can be included in the database initialization file.

--

-- LOG\_ARCHIVE\_DEST=''

-- LOG\_ARCHIVE\_DUPLEX\_DEST=''

--

-- LOG\_ARCHIVE\_FORMAT=%t\_%s\_%r.arlog

--

-- DB\_UNIQUE\_NAME="codaprod"

--

-- LOG\_ARCHIVE\_CONFIG='SEND, RECEIVE, NODG\_CONFIG'

-- LOG\_ARCHIVE\_MAX\_PROCESSES=4

-- STANDBY\_FILE\_MANAGEMENT=MANUAL

-- STANDBY\_ARCHIVE\_DEST=?/dbs/arch

-- FAL\_CLIENT=''

-- FAL\_SERVER=''

--

-- LOG\_ARCHIVE\_DEST\_1='LOCATION=/ora\_fra/oradata/codaprod/archivelog'

-- LOG\_ARCHIVE\_DEST\_1='OPTIONAL REOPEN=300 NODELAY'

-- LOG\_ARCHIVE\_DEST\_1='ARCH NOAFFIRM NOEXPEDITE NOVERIFY SYNC'

-- LOG\_ARCHIVE\_DEST\_1='REGISTER NOALTERNATE NODEPENDENCY'

-- LOG\_ARCHIVE\_DEST\_1='NOMAX\_FAILURE NOQUOTA\_SIZE NOQUOTA\_USED NODB\_UNIQUE\_NAME'

-- LOG\_ARCHIVE\_DEST\_1='VALID\_FOR=(PRIMARY\_ROLE,ONLINE\_LOGFILES)'

-- LOG\_ARCHIVE\_DEST\_STATE\_1=ENABLE

--

-- Below are two sets of SQL statements, each of which creates a new

-- control file and uses it to open the database. The first set opens

-- the database with the NORESETLOGS option and should be used only if

-- the current versions of all online logs are available. The second

-- set opens the database with the RESETLOGS option and should be used

-- if online logs are unavailable.

-- The appropriate set of statements can be copied from the trace into

-- a script file, edited as necessary, and executed when there is a

-- need to re-create the control file.

--

-- Set #1. NORESETLOGS case

--

-- The following commands will create a new control file and use it

-- to open the database.

-- Data used by Recovery Manager will be lost.

-- Additional logs may be required for media recovery of offline

-- Use this only if the current versions of all online logs are

-- available.

-- WARNING! The current control file needs to be checked against

-- the datafiles to insure it contains the correct files. The

-- commands printed here may be missing log and/or data files.

-- Another report should be made after the database has been

-- successfully opened.

-- After mounting the created controlfile, the following SQL

-- statement will place the database in the appropriate

-- protection mode:

-- ALTER DATABASE SET STANDBY DATABASE TO MAXIMIZE PERFORMANCE

STARTUP NOMOUNT

CREATE CONTROLFILE REUSE DATABASE "CODAPROD" NORESETLOGS ARCHIVELOG

MAXLOGFILES 100

MAXLOGMEMBERS 3

MAXDATAFILES 1000

MAXINSTANCES 8

MAXLOGHISTORY 9344

LOGFILE

GROUP 1 '/ora\_fra/oradata/codaprod/redolog/redo1.log' SIZE 200M BLOCKSIZE 512,

GROUP 2 '/ora\_fra/oradata/codaprod/redolog/redo2.log' SIZE 200M BLOCKSIZE 512,

GROUP 3 '/ora\_fra/oradata/codaprod/redolog/redo3.log' SIZE 200M BLOCKSIZE 512,

GROUP 4 '/ora\_fra/oradata/codaprod/redolog/redo4.log' SIZE 200M BLOCKSIZE 512,

GROUP 5 '/ora\_fra/oradata/codaprod/redolog/redo5.log' SIZE 200M BLOCKSIZE 512,

GROUP 6 '/ora\_fra/oradata/codaprod/redolog/redo6.log' SIZE 200M BLOCKSIZE 512,

GROUP 7 '/ora\_fra/oradata/codaprod/redolog/redo7.log' SIZE 200M BLOCKSIZE 512,

GROUP 8 '/ora\_fra/oradata/codaprod/redolog/redo8.log' SIZE 200M BLOCKSIZE 512,

GROUP 9 '/ora\_fra/oradata/codaprod/redolog/redo9.log' SIZE 200M BLOCKSIZE 512,

GROUP 10 '/ora\_fra/oradata/codaprod/redolog/redo10.log' SIZE 200M BLOCKSIZE 512,

GROUP 11 '/ora\_fra/oradata/codaprod/redolog/redo11.log' SIZE 200M BLOCKSIZE 512,

GROUP 12 '/ora\_fra/oradata/codaprod/redolog/redo12.log' SIZE 200M BLOCKSIZE 512

-- STANDBY LOGFILE

DATAFILE

'/u01/app/oracle/oradata/codaprod/system01.dbf',

'/u01/app/oracle/oradata/codaprod/sysaux01.dbf',

'/ora\_idx3/idxfile5.dbf',

'/u01/app/oracle/oradata/codaprod/users01.dbf',

'/ora\_data/datafile1.dbf',

'/ora\_idx/idxfile1.dbf',

'/ora\_data/datafile2.dbf',

'/u01/app/oracle/oradata/codaprod/perfstat01.dbf',

'/ora\_data/datafile3.dbf',

'/ora\_idx/idxfile2.dbf',

'/ora\_data2/datafile4.dbf',

'/ora\_idx2/idxfile3.dbf',

'/ora\_idx2/idxfile4.dbf',

'/u01/app/oracle/oradata/codaprod/undotbs02.dbf',

'/ora\_data2/datafile5.dbf',

'/ora\_idx3/idxfile6.dbf',

'/ora\_idx4/idxfile7.dbf',

'/ora\_data3/datafile6.dbf',

'/ora\_idx4/idxfile8.dbf',

'/ora\_idx5/idxfile9.dbf',

'/ora\_data3/datafile7.dbf',

'/ora\_data4/datafile8.dbf',

'/ora\_idx5/idxfile10.dbf',

'/ora\_data4/datafile9.dbf',

'/ora\_data5/datafile10.dbf',

'/ora\_data5/datafile11.dbf',

'/ora\_idx6/idxfile11.dbf',

'/ora\_idx6/idxfile12.dbf',

'/ora\_idx7/idxfile13.dbf',

'/ora\_idx7/idxfile14.dbf'

CHARACTER SET WE8MSWIN1252

;

-- Configure RMAN configuration record 1

VARIABLE RECNO NUMBER;

EXECUTE :RECNO := SYS.DBMS\_BACKUP\_RESTORE.SETCONFIG('CONTROLFILE AUTOBACKUP','ON');

-- Configure RMAN configuration record 2

VARIABLE RECNO NUMBER;

EXECUTE :RECNO := SYS.DBMS\_BACKUP\_RESTORE.SETCONFIG('CHANNEL','DEVICE TYPE DISK FORMAT ''/ora\_fra/CODAPROD/dbbackup/%U''');

-- Configure RMAN configuration record 3

VARIABLE RECNO NUMBER;

EXECUTE :RECNO := SYS.DBMS\_BACKUP\_RESTORE.SETCONFIG('ARCHIVELOG DELETION POLICY','TO NONE');

-- Configure RMAN configuration record 4

VARIABLE RECNO NUMBER;

EXECUTE :RECNO := SYS.DBMS\_BACKUP\_RESTORE.SETCONFIG('RETENTION POLICY','TO REDUNDANCY 8');

-- Configure RMAN configuration record 5

VARIABLE RECNO NUMBER;

EXECUTE :RECNO := SYS.DBMS\_BACKUP\_RESTORE.SETCONFIG('CONTROLFILE AUTOBACKUP FORMAT FOR DEVICE TYPE','DISK TO ''/ora\_fra/CODAPROD/aut

obackup/%F''');

-- Commands to re-create incarnation table

-- Below log names MUST be changed to existing filenames on

-- disk. Any one log file from each branch can be used to

-- re-create incarnation records.

-- ALTER DATABASE REGISTER LOGFILE '/ora\_fra/oradata/codaprod/archivelog/1\_1\_666429833.arlog';

-- ALTER DATABASE REGISTER LOGFILE '/ora\_fra/oradata/codaprod/archivelog/1\_1\_727886662.arlog';

-- ALTER DATABASE REGISTER LOGFILE '/ora\_fra/oradata/codaprod/archivelog/1\_1\_787053544.arlog';

-- ALTER DATABASE REGISTER LOGFILE '/ora\_fra/oradata/codaprod/archivelog/1\_1\_787135029.arlog';

-- ALTER DATABASE REGISTER LOGFILE '/ora\_fra/oradata/codaprod/archivelog/1\_1\_787682108.arlog';

-- ALTER DATABASE REGISTER LOGFILE '/ora\_fra/oradata/codaprod/archivelog/1\_1\_788472374.arlog';

-- ALTER DATABASE REGISTER LOGFILE '/ora\_fra/oradata/codaprod/archivelog/1\_1\_789074562.arlog';

-- ALTER DATABASE REGISTER LOGFILE '/ora\_fra/oradata/codaprod/archivelog/1\_1\_828728559.arlog';

-- Recovery is required if any of the datafiles are restored backups,

-- or if the last shutdown was not normal or immediate.

RECOVER DATABASE

-- All logs need archiving and a log switch is needed.

ALTER SYSTEM ARCHIVE LOG ALL;

-- Database can now be opened normally.

ALTER DATABASE OPEN;

-- Commands to add tempfiles to temporary tablespaces.

-- Online tempfiles have complete space information.

-- Other tempfiles may require adjustment.

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile3.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile2.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile1.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile4.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile13.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile11.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile10.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile09.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile12.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile08.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile07.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile06.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile05.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile14.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile15.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile16.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile17.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile18.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile19.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile20.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile21.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile22.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile23.dbf' REUSE;

-- End of tempfile additions.

--

-- Set #2. RESETLOGS case

--

-- The following commands will create a new control file and use it

-- to open the database.

-- Data used by Recovery Manager will be lost.

-- The contents of online logs will be lost and all backups will

-- be invalidated. Use this only if online logs are damaged.

-- WARNING! The current control file needs to be checked against

-- the datafiles to insure it contains the correct files. The

-- commands printed here may be missing log and/or data files.

-- Another report should be made after the database has been

-- successfully opened.

-- After mounting the created controlfile, the following SQL

-- statement will place the database in the appropriate

-- protection mode:

-- ALTER DATABASE SET STANDBY DATABASE TO MAXIMIZE PERFORMANCE

STARTUP NOMOUNT

CREATE CONTROLFILE REUSE DATABASE "CODAPROD" RESETLOGS ARCHIVELOG

MAXLOGFILES 100

MAXLOGMEMBERS 3

MAXDATAFILES 1000

MAXINSTANCES 8

MAXLOGHISTORY 9344

LOGFILE

GROUP 1 '/ora\_fra/oradata/codaprod/redolog/redo1.log' SIZE 200M BLOCKSIZE 512,

GROUP 2 '/ora\_fra/oradata/codaprod/redolog/redo2.log' SIZE 200M BLOCKSIZE 512,

GROUP 3 '/ora\_fra/oradata/codaprod/redolog/redo3.log' SIZE 200M BLOCKSIZE 512,

GROUP 4 '/ora\_fra/oradata/codaprod/redolog/redo4.log' SIZE 200M BLOCKSIZE 512,

GROUP 5 '/ora\_fra/oradata/codaprod/redolog/redo5.log' SIZE 200M BLOCKSIZE 512,

GROUP 6 '/ora\_fra/oradata/codaprod/redolog/redo6.log' SIZE 200M BLOCKSIZE 512,

GROUP 7 '/ora\_fra/oradata/codaprod/redolog/redo7.log' SIZE 200M BLOCKSIZE 512,

GROUP 8 '/ora\_fra/oradata/codaprod/redolog/redo8.log' SIZE 200M BLOCKSIZE 512,

GROUP 9 '/ora\_fra/oradata/codaprod/redolog/redo9.log' SIZE 200M BLOCKSIZE 512,

GROUP 10 '/ora\_fra/oradata/codaprod/redolog/redo10.log' SIZE 200M BLOCKSIZE 512,

GROUP 11 '/ora\_fra/oradata/codaprod/redolog/redo11.log' SIZE 200M BLOCKSIZE 512,

GROUP 12 '/ora\_fra/oradata/codaprod/redolog/redo12.log' SIZE 200M BLOCKSIZE 512

-- STANDBY LOGFILE

DATAFILE

'/u01/app/oracle/oradata/codaprod/system01.dbf',

'/u01/app/oracle/oradata/codaprod/sysaux01.dbf',

'/ora\_idx3/idxfile5.dbf',

'/u01/app/oracle/oradata/codaprod/users01.dbf',

'/ora\_data/datafile1.dbf',

'/ora\_idx/idxfile1.dbf',

'/ora\_data/datafile2.dbf',

'/u01/app/oracle/oradata/codaprod/perfstat01.dbf',

'/ora\_data/datafile3.dbf',

'/ora\_idx/idxfile2.dbf',

'/ora\_data2/datafile4.dbf',

'/ora\_idx2/idxfile3.dbf',

'/ora\_idx2/idxfile4.dbf',

'/u01/app/oracle/oradata/codaprod/undotbs02.dbf',

'/ora\_data2/datafile5.dbf',

'/ora\_idx3/idxfile6.dbf',

'/ora\_idx4/idxfile7.dbf',

'/ora\_data3/datafile6.dbf',

'/ora\_idx4/idxfile8.dbf',

'/ora\_idx5/idxfile9.dbf',

'/ora\_data3/datafile7.dbf',

'/ora\_data4/datafile8.dbf',

'/ora\_idx5/idxfile10.dbf',

'/ora\_data4/datafile9.dbf',

'/ora\_data5/datafile10.dbf',

'/ora\_data5/datafile11.dbf',

'/ora\_idx6/idxfile11.dbf',

'/ora\_idx6/idxfile12.dbf',

'/ora\_idx7/idxfile13.dbf',

'/ora\_idx7/idxfile14.dbf'

CHARACTER SET WE8MSWIN1252

;

-- Configure RMAN configuration record 1

VARIABLE RECNO NUMBER;

EXECUTE :RECNO := SYS.DBMS\_BACKUP\_RESTORE.SETCONFIG('CONTROLFILE AUTOBACKUP','ON');

-- Configure RMAN configuration record 2

VARIABLE RECNO NUMBER;

EXECUTE :RECNO := SYS.DBMS\_BACKUP\_RESTORE.SETCONFIG('CHANNEL','DEVICE TYPE DISK FORMAT ''/ora\_fra/CODAPROD/dbbackup/%U''');

-- Configure RMAN configuration record 3

VARIABLE RECNO NUMBER;

EXECUTE :RECNO := SYS.DBMS\_BACKUP\_RESTORE.SETCONFIG('ARCHIVELOG DELETION POLICY','TO NONE');

-- Configure RMAN configuration record 4

VARIABLE RECNO NUMBER;

EXECUTE :RECNO := SYS.DBMS\_BACKUP\_RESTORE.SETCONFIG('RETENTION POLICY','TO REDUNDANCY 8');

-- Configure RMAN configuration record 5

VARIABLE RECNO NUMBER;

EXECUTE :RECNO := SYS.DBMS\_BACKUP\_RESTORE.SETCONFIG('CONTROLFILE AUTOBACKUP FORMAT FOR DEVICE TYPE','DISK TO ''/ora\_fra/CODAPROD/aut

obackup/%F''');

-- Commands to re-create incarnation table

-- Below log names MUST be changed to existing filenames on

-- disk. Any one log file from each branch can be used to

-- re-create incarnation records.

-- ALTER DATABASE REGISTER LOGFILE '/ora\_fra/oradata/codaprod/archivelog/1\_1\_666429833.arlog';

-- ALTER DATABASE REGISTER LOGFILE '/ora\_fra/oradata/codaprod/archivelog/1\_1\_727886662.arlog';

-- ALTER DATABASE REGISTER LOGFILE '/ora\_fra/oradata/codaprod/archivelog/1\_1\_787053544.arlog';

-- ALTER DATABASE REGISTER LOGFILE '/ora\_fra/oradata/codaprod/archivelog/1\_1\_787135029.arlog';

-- ALTER DATABASE REGISTER LOGFILE '/ora\_fra/oradata/codaprod/archivelog/1\_1\_787682108.arlog';

-- ALTER DATABASE REGISTER LOGFILE '/ora\_fra/oradata/codaprod/archivelog/1\_1\_788472374.arlog';

-- ALTER DATABASE REGISTER LOGFILE '/ora\_fra/oradata/codaprod/archivelog/1\_1\_789074562.arlog';

-- ALTER DATABASE REGISTER LOGFILE '/ora\_fra/oradata/codaprod/archivelog/1\_1\_828728559.arlog';

-- Recovery is required if any of the datafiles are restored backups,

-- or if the last shutdown was not normal or immediate.

RECOVER DATABASE USING BACKUP CONTROLFILE

-- Database can now be opened zeroing the online logs.

ALTER DATABASE OPEN RESETLOGS;

-- Commands to add tempfiles to temporary tablespaces.

-- Online tempfiles have complete space information.

-- Other tempfiles may require adjustment.

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile3.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile2.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile1.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile4.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile13.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile11.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile10.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile09.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile12.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile08.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile07.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile06.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile05.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile14.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile15.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile16.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile17.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile18.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile19.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile20.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile21.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile22.dbf' REUSE;

ALTER TABLESPACE TEMP ADD TEMPFILE '/ora\_temp/tempfile23.dbf' REUSE;

-- End of tempfile additions.

======================================================================

SQL> alter database open;

alter database open

\*

ERROR at line 1:

ORA-00600: internal error code, arguments: [kcratr\_nab\_less\_than\_odr], [1],

[23], [81], [189], [], [], [], [], [], [], []

SQL> Show parameter control\_files;

NAME TYPE VALUE

------------------------------------ ----------- ------------------------------

control\_files string D:\APP\MAZAR\ORADATA\ORCL\CONT

ROL01.CTL, D:\APP\MAZAR\FLASH\_

RECOVERY\_AREA\ORCL\CONTROL02.C

TL

SQL> select a.member,a.group#,b.status from v$logfile a ,v$log b where a.group#=b.group# and b.status='CURRENT';

MEMBER

--------------------------------------------------------------------------------

GROUP# STATUS

---------- ----------------

D:\APP\MAZAR\ORADATA\ORCL\REDO02.LOG

2 CURRENT

SQL> shutdown abort

ORACLE instance shut down.

Take the OS level backup for control files

C:\Windows\system32>COPY D:\APP\MAZAR\ORADATA\ORCL\CONTROL01.CTL D:\APP

1 file(s) copied.

SQL> startup mount

ORACLE instance started.

Total System Global Area 1703624704 bytes

Fixed Size 2176408 bytes

Variable Size 1207962216 bytes

Database Buffers 486539264 bytes

Redo Buffers 6946816 bytes

Database mounted.

Specify the current redo log location

SQL> recover database using backup controlfile until cancel;

ORA-00279: change 1460665 generated at 10/08/2012 08:38:00 needed for thread

ORA-00289: suggestion :

D:\APP\MAZAR\FLASH\_RECOVERY\_AREA\ORCL\ARCHIVELOG\2012\_10\_14\O1\_MF\_1\_23\_%U\_.AR

ORA-00280: change 1460665 for thread 1 is in sequence #23

Specify log: {<RET>=suggested | filename | AUTO | CANCEL}

D:\APP\MAZAR\ORADATA\ORCL\REDO02.LOG

Log applied.

Media recovery complete.

SQL> alter database open resetlogs;

Database altered.

Ref : Support ID 1296264.1