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DB RESTORATION

Step 1:-

Check db Version of prod and uat6

Step 2:-

If already db is present then firstly drop database

Shut immediate;

Startup mount exclusive restrict;

Drop database

Step 3:-

Check the DB full backup is correct or not(control file backup mandatory)

Step 4:-

Uat6 change pfile parameter:

Db name=SBDFNG

Db_file_create_dest=d:/app/oracle/oradata/uat6

Db_file_converter=E:/files to D:/app/oracle/oradata/uat6

Step 5:

Connect to DB:-

Startup nomount pfile='D:/pfile/INITuat6.ora'

Connect to rman target /

Restore controlfile from 'desktop/20240130/cf_ctl';

Alter database mount;

Cross check all backup;

Delete expired backup;

Follow the below snip:-

Catalog start with 'D:\rman_backup';

Step 6:-

Run command under we set new name, restore the database, recover database, switch datafile all, recover database

Step 7:-

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After recovery complete just open database as
Alter database open resetlogs;

```
RMAN> run
2> {
3> set newname for database to 'D:\app\oradata\Xb';
4> restore database;
5> switch datafile all;
6> recover database;
7> }

executing command: SET NEWNAME

Starting restore at 05-APR-24
using channel ORA_DISK_1

skipping datafile 1; already restored to file D:\app\oradata\SYSTEM01.DBF
channel ORA_DISK_1: starting datafile backup set restore
channel ORA_DISK_1: specifying datafile(s) to restore from backup set
channel ORA_DISK_1: restoring datafile 00002 to D:\app\oradata\UNDOTBS01.DBF
channel ORA_DISK_1: restoring datafile 00003 to D:\app\oradata\SYSAUX01.DBF
channel ORA_DISK_1: restoring datafile 00004 to D:\app\oradata\USERS01.DBF
channel ORA_DISK_1: restoring datafile 00005 to D:\app\oradata\SYSTEM02.DBF
channel ORA_DISK_1: restoring datafile 00006 to D:\app\oradata\ORSY01.DBF
channel ORA_DISK_1: restoring datafile 00007 to D:\app\oradata\IN0001.DBF
channel ORA_DISK_1: restoring datafile 00008 to D:\app\oradata\DFHIINDEX1.DBF
channel ORA_DISK_1: restoring datafile 00009 to D:\app\oradata\DFHIINDEX2.DBF
channel ORA_DISK_1: restoring datafile 00010 to D:\app\oradata\RB501.DBF
channel ORA_DISK_1: restoring datafile 00011 to D:\app\oradata\DFH0KAL.DBF
channel ORA_DISK_1: restoring datafile 00012 to D:\app\oradata\DFHI1.DBF
channel ORA_DISK_1: restoring datafile 00013 to D:\app\oradata\DFHI2.DBF
channel ORA_DISK_1: restoring datafile 00014 to D:\app\oradata\DFHI3.DBF
channel ORA_DISK_1: restoring datafile 00015 to D:\app\oradata\DFHI12.DBF
channel ORA_DISK_1: restoring datafile 00016 to D:\app\oradata\DFHI4.DBF
channel ORA_DISK_1: restoring datafile 00017 to D:\app\oradata\DFHI11.DBF
channel ORA_DISK_1: restoring datafile 00018 to D:\app\oradata\DFHI5.DBF
channel ORA_DISK_1: restoring datafile 00019 to D:\app\oradata\DFHI8.DBF
channel ORA_DISK_1: restoring datafile 00020 to D:\app\oradata\DFHI6.DBF
channel ORA_DISK_1: restoring datafile 00021 to D:\app\oradata\DFHI7.DBF
channel ORA_DISK_1: restoring datafile 00022 to D:\app\oradata\DFHI9.DBF
channel ORA_DISK_1: restoring datafile 00023 to D:\app\oradata\DFHI10.DBF
channel ORA_DISK_1: restoring datafile 00024 to D:\app\oradata\INDEX.DBF
channel ORA_DISK_1: restoring datafile 00025 to D:\app\oradata\DFHI13.DBF
channel ORA_DISK_1: restoring datafile 00026 to D:\app\oradata\TOOL501.DBF
channel ORA_DISK_1: restoring datafile 00027 to D:\app\oradata\SYSTEM03.DBF
channel ORA_DISK_1: restoring datafile 00028 to D:\app\oradata\SYSAUX02.DBF
channel ORA_DISK_1: restoring datafile 00029 to D:\app\oradata\SYSTEM04.DBF
channel ORA_DISK_1: restoring datafile 00030 to D:\app\oradata\SYSAUX03.DBF
channel ORA_DISK_1: restoring datafile 00031 to D:\app\oradata\SYSTEM05.DBF
channel ORA_DISK_1: restoring datafile 00032 to D:\app\oradata\SYSTEM06.DBF
channel ORA_DISK_1: restoring datafile 00033 to D:\app\oradata\SYSAUX04.DBF
channel ORA_DISK_1: restoring datafile 00034 to D:\app\oradata\USERS02.DBF
channel ORA_DISK_1: restoring datafile 00035 to D:\app\oradata\USERS05.DBF
channel ORA_DISK_1: restoring datafile 00036 to D:\app\oradata\SYSTEM07.DBF
channel ORA_DISK_1: restoring datafile 00037 to D:\app\oradata\DFHI15.DBF
channel ORA_DISK_1: restoring datafile 00038 to D:\app\oradata\DFHI16.DBF
channel ORA_DISK_1: restoring datafile 00039 to D:\app\oradata\SYSTEM8.DBF
channel ORA_DISK_1: restoring datafile 00040 to D:\app\oradata\DFHIINDEX3.DBF
channel ORA_DISK_1: reading from backup piece D:\SDFNGPR_RMAN_FULL\20240203\DB_1159935489_104166_1_SDFNG_20240203.DBF
channel ORA_DISK_1: piece handle=D:\SDFNGPR_RMAN_FULL\20240203\DB_1159935489_104166_1_SDFNG_20240203.DBF tag=SDFNGPR_DATAFILES
channel ORA_DISK_1: restored backup piece 1
channel ORA_DISK_1: restore complete, elapsed time: 00:27:44
Finished restore at 05-APR-24
```

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```
Input datafile copy RECID=305 STAMP=1165512178 file name=D:\APP\ORADATA\DFHIINDEX3.DBF

Starting recover at 05-APR-24
using channel ORA_DISK_1
starting media recovery

channel ORA_DISK_1: starting archived log restore to default destination
channel ORA_DISK_1: restoring archived log
archived log thread=1 sequence=11
channel ORA_DISK_1: restoring archived log
archived log thread=1 sequence=12
channel ORA_DISK_1: restoring archived log
archived log thread=1 sequence=13
channel ORA_DISK_1: reading from backup piece D:\SBD\NGPR_RMAN_FULL\20240203\AR_1159936019_104169_1_SBD\NG_20240203.DBF
channel ORA_DISK_1: piece handle=D:\SBD\NGPR_RMAN_FULL\20240203\AR_1159936019_104169_1_SBD\NG_20240203.DBF tag=SBD\NGPR_ARCHIVE
channel ORA_DISK_1: restored backup piece 1
channel ORA_DISK_1: restore complete, elapsed time: 00:00:16
archived log file name=D:\APP\ORACLE\FAST_RECOVERY_AREA\SBD\NG\ARCHIVELOG\2024_04_05\01_MF_1_11_M0ZSKG77_.ARC thread=1 sequence=11
channel default: deleting archived log(s)
archived log file name=D:\APP\ORACLE\FAST_RECOVERY_AREA\SBD\NG\ARCHIVELOG\2024_04_05\01_MF_1_11_M0ZSKG77_.ARC RECID=733013 STAMP=1165512206
archived log file name=D:\APP\ORACLE\FAST_RECOVERY_AREA\SBD\NG\ARCHIVELOG\2024_04_05\01_MF_1_12_M0ZSKH48_.ARC thread=1 sequence=12
channel default: deleting archived log(s)
archived log file name=D:\APP\ORACLE\FAST_RECOVERY_AREA\SBD\NG\ARCHIVELOG\2024_04_05\01_MF_1_12_M0ZSKH48_.ARC RECID=733011 STAMP=1165512201
archived log file name=D:\APP\ORACLE\FAST_RECOVERY_AREA\SBD\NG\ARCHIVELOG\2024_04_05\01_MF_1_13_M0ZSKH48_.ARC thread=1 sequence=13
channel default: deleting archived log(s)
archived log file name=D:\APP\ORACLE\FAST_RECOVERY_AREA\SBD\NG\ARCHIVELOG\2024_04_05\01_MF_1_13_M0ZSKH48_.ARC RECID=733012 STAMP=1165512203
unable to find archived log
archived log thread=1 sequence=14
RMAN-00571: =====
RMAN-00569: ===== ERROR MESSAGE STACK FOLLOWS =====
RMAN-00571: =====
RMAN-03002: failure of recover command at 04/05/2024 17:23:55
RMAN-06054: media recovery requesting unknown archived log for thread 1 with sequence 14 and starting SCN of 1869664236
RMAN>

RMAN> alter database open resetlogs;

RMAN-00571: =====
RMAN-00569: ===== ERROR MESSAGE STACK FOLLOWS =====
RMAN-00571: =====
RMAN-03002: failure of alter db command at 04/05/2024 17:24:35
ORA-00344: unable to re-create online log 'E:\REDO_LOGS\REDO01.LOG'
ORA-27040: file create error, unable to create file
OSD-04002: unable to open file
O/S-Error: (OS 21) The device is not ready.
```

```
RMAN> alter database open resetlogs;

RMAN-00571: =====
RMAN-00569: ===== ERROR MESSAGE STACK FOLLOWS =====
RMAN-00571: =====
RMAN-03002: failure of alter db command at 04/05/2024 17:24:35
ORA-00344: unable to re-create online log 'E:\REDO_LOGS\REDO01.LOG'
ORA-27040: file create error, unable to create file
OSD-04002: unable to open file
O/S-Error: (OS 21) The device is not ready.
```

```
RMAN>
RMAN>
RMAN>
RMAN> exit
```

Recovery Manager complete.

```
SQL>
SQL>
SQL>
SQL> select member from v$logfile;
```

```
MEMBER
-----
E:\REDO_LOGS\STANDBYREDO01.LOG
E:\REDO_LOGS\REDO01.LOG
D:\MIRRORED_REDOLOGS\REDO01_A.LOG
D:\MIRRORED_REDOLOGS\STANDBYREDO01_A.LOG
E:\REDO_LOGS\STANDBYREDO02.LOG
E:\REDO_LOGS\REDO02.LOG
D:\MIRRORED_REDOLOGS\REDO02_A.LOG
E:\REDO_LOGS\REDO03.LOG
D:\MIRRORED_REDOLOGS\REDO03_A.LOG
D:\MIRRORED_REDOLOGS\STANDBYREDO02_A.LOG
E:\REDO_LOGS\STANDBYREDO03.LOG
```

=

```
SQL> select member from v$logfile;
```

```
MEMBER
```

```
-----  
E:\REDO_LOGS\STANDBYREDO01.LOG  
E:\REDO_LOGS\REDO01.LOG  
D:\MIRRORED_REDOLOGS\REDO01_A.LOG  
D:\MIRRORED_REDOLOGS\STANDBYREDO01_A.LOG  
E:\REDO_LOGS\STANDBYREDO02.LOG  
E:\REDO_LOGS\REDO02.LOG  
D:\MIRRORED_REDOLOGS\REDO02_A.LOG  
E:\REDO_LOGS\REDO03.LOG  
D:\MIRRORED_REDOLOGS\REDO03_A.LOG  
D:\MIRRORED_REDOLOGS\STANDBYREDO02_A.LOG  
E:\REDO_LOGS\STANDBYREDO03.LOG
```

```
MEMBER
```

```
-----  
D:\MIRRORED_REDOLOGS\STANDBYREDO03_A.LOG  
E:\REDO_LOGS\STANDBYREDO04.LOG  
D:\MIRRORED_REDOLOGS\STANDBYREDO04_A.LOG
```

```
14 rows selected.
```

```
SQL> set pages 30
```

```
SQL> /
```

```
MEMBER
```

```
-----  
E:\REDO_LOGS\STANDBYREDO01.LOG  
E:\REDO_LOGS\REDO01.LOG  
D:\MIRRORED_REDOLOGS\REDO01_A.LOG  
D:\MIRRORED_REDOLOGS\STANDBYREDO01_A.LOG  
E:\REDO_LOGS\STANDBYREDO02.LOG  
E:\REDO_LOGS\REDO02.LOG  
D:\MIRRORED_REDOLOGS\REDO02_A.LOG  
E:\REDO_LOGS\REDO03.LOG  
D:\MIRRORED_REDOLOGS\REDO03_A.LOG  
D:\MIRRORED_REDOLOGS\STANDBYREDO02_A.LOG  
E:\REDO_LOGS\STANDBYREDO03.LOG  
D:\MIRRORED_REDOLOGS\STANDBYREDO03_A.LOG  
E:\REDO_LOGS\STANDBYREDO04.LOG  
D:\MIRRORED_REDOLOGS\STANDBYREDO04_A.LOG
```

```
14 rows selected.
```

```
SQL> alter database rename file 'E:\REDO_LOGS\STANDBYREDO01.LOG' to 'D:\app\redo\standby\standbyredo_01.log';
```

```
Database altered.
```

```
SQL> alter database rename file 'E:\REDO_LOGS\REDO01.LOG' to 'D:\app\redo\redo_01.log';
```

```
Database altered.
```

```
SQL> alter database rename file 'D:\MIRRORED_REDOLOGS\REDO01_A.LOG' to 'D:\app\redo\redo_02.log';
```

```
Database altered.
```

```
SQL> alter database rename file 'D:\MIRRORED_REDOLOGS\STANDBYREDO01_A.LOG' to 'D:\app\redo\redo_03.log';
```

```
Database altered.
```

```
SQL> alter database rename file 'E:\REDO_LOGS\STANDBYREDO02.LOG' to 'D:\app\redo\redo_04.log';
```

```
Database altered.
```

```
SQL> alter database rename file 'E:\REDO_LOGS\REDO02.LOG' to 'D:\app\redo\redo_05.log';
```

```
Database altered.
```

```
SQL> alter database rename file 'D:\MIRRORED_REDOLOGS\REDO02_A.LOG' to 'D:\app\redo\redo_06.log';
```

```
Database altered.
```

```
SQL> alter database rename file 'E:\REDO_LOGS\REDO03.LOG' to 'D:\app\redo\redo_07.log';
```

```
Database altered.
```

```
SQL> alter database rename file 'D:\MIRRORED_REDOLOGS\REDO03_A.LOG' to 'D:\app\redo\redo_08.log';
```

```
Database altered.
```

```
SQL> alter database rename file 'D:\MIRRORED_REDOLOGS\STANDBYREDO02_A.LOG' to 'D:\app\redo\redo_09.log';
```

```
Database altered.
```

```
SQL> alter database rename file 'E:\REDO_LOGS\STANDBYREDO03.LOG' to 'D:\app\redo\redo_10.log';
```

=

```
SQL> alter database rename file 'D:\MIRRORED_REDOLOGS\STANDBYREDO03_A.LOG' to 'D:\app\redo\redo_11.log';
Database altered.

SQL> alter database rename file 'E:\REDO_LOGS\STANDBYREDO04.LOG' to 'D:\app\redo\redo_12.log';
Database altered.

SQL> alter database rename file 'D:\MIRRORED_REDOLOGS\STANDBYREDO04_A.LOG' to 'D:\app\redo\redo_13.log';
Database altered.

SQL>
SQL>
SQL>
SQL> alter database rename file 'E:\TEMP_FILES\STRABUS_TEMP01.DBF' to 'D:\app\temp\temp_01.dbf';
alter database rename file 'E:\TEMP_FILES\STRABUS_TEMP01.DBF' to 'D:\app\temp\temp_01.dbf'
*
ERROR at line 1:
ORA-00946: missing TO keyword

SQL> alter database rename file 'E:\TEMP_FILES\TEMP01.DBF' to 'D:\app\temp\temp_02.dbf';
alter database rename file 'E:\TEMP_FILES\TEMP01.DBF' to 'D:\app\temp\temp_02.dbf'
*
ERROR at line 1:
ORA-00946: missing TO keyword

SQL>
SQL>
SQL> alter database rename file 'E:\TEMP_FILES\STRABUS_TEMP01.DBF' to 'D:\app\temp\temp_01.dbf';
Database altered.

SQL> alter database rename file 'E:\TEMP_FILES\TEMP01.DBF' to 'D:\app\temp\temp_02.dbf';
Database altered.

SQL>
SQL> select name from v$tempfile;

NAME
-----
D:\APP\TEMP\TEMP_01.DBF
D:\APP\TEMP\TEMP_02.DBF

SQL> select member from v$logfile;
```

ERRO:-
How to resolve

```
SQL>
SQL> select name from v$tempfile;

NAME
-----
D:\APP\TEMP\TEMP_01.DBF
D:\APP\TEMP\TEMP_02.DBF

SQL> select member from v$logfile;

MEMBER
-----
D:\APP\REDO\STANDBY\STANDBYREDO_01.LOG
D:\APP\REDO\REDO_01.LOG
D:\APP\REDO\REDO_02.LOG
D:\APP\REDO\REDO_03.LOG
D:\APP\REDO\REDO_04.LOG
D:\APP\REDO\REDO_05.LOG
D:\APP\REDO\REDO_06.LOG
D:\APP\REDO\REDO_07.LOG
D:\APP\REDO\REDO_08.LOG
D:\APP\REDO\REDO_09.LOG
D:\APP\REDO\REDO_10.LOG
D:\APP\REDO\REDO_11.LOG
D:\APP\REDO\REDO_12.LOG
D:\APP\REDO\REDO_13.LOG

14 rows selected.

SQL> alter database open resetlog;
alter database open resetlog
*
ERROR at line 1:
ORA-02288: invalid OPEN mode

SQL> alter database open resetlogs;
alter database open resetlogs
*
ERROR at line 1:
ORA-00392: log 2 of thread 1 is being cleared, operation not allowed
ORA-00312: online log 2 thread 1: 'D:\APP\REDO\REDO_05.LOG'
ORA-00312: online log 2 thread 1: 'D:\APP\REDO\REDO_06.LOG'

SQL> select group#, thread#, status from v$log;
```

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```
GROUP#  THREAD#  STATUS
-----  -
1          1  CLEARING
3          1  CLEARING
2          1  CLEARING_CURRENT

SQL> alter database clear unarchived logfile group 2;
Database altered.

SQL> select group#, thread#, status from v$log;

GROUP#  THREAD#  STATUS
-----  -
1          1  CLEARING
3          1  CLEARING
2          1  CURRENT

SQL> alter database open resetlogs;
Database altered.
```

Erro resolve now,

```
SQL> select name,open_mode from v$database;

NAME      OPEN_MODE
-----  -
SBOFNG    READ WRITE

SQL> shut immediate;
Database closed.
Database dismounted.
ORACLE instance shut down.
SQL>
SQL> exit
Disconnected from Oracle Database 11g Enterprise Edition Release 11.2.0.4.0 - 64bit Production
With the Partitioning, OLAP, Data Mining and Real Application Testing options

C:\Users\Administrator>s
's' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\Administrator>sqlplus sys/water4all as sysdba

SQL*Plus: Release 11.2.0.4.0 Production on Fri Apr 5 18:21:25 2024

Copyright (c) 1982, 2013, Oracle. All rights reserved.

Connected to an idle instance.

SQL> startup nomount pfile='D:\pfile\INITuat6.ora';
SP2-0714: invalid combination of STARTUP options
SQL> startup nomount pfile='D:\pfile\INITuat6.ora';
ORACLE instance started.

Total System Global Area 3858223104 bytes
Fixed Size 2287072 bytes
Variable Size 822086176 bytes
Database Buffers 3019898880 bytes
Redo Buffers 13950976 bytes
SQL>
SQL> alter database mount;
```

DB Restore Sucessfully.