**CHANGING DATAFILES PATH 11g**

* Datafile offline method, to do with this method archived log mode should be enabled.
* Because datafile will go to recover state to recover datafile enable archivelog mode.

1. **Check tablespace and datafiles status**

* select tablespace\_name,status from dba\_tablespaces;
* select name,status from v$datafile.

1. **Offline the datafile.**

* alter tablespace T\_MFG\_RM\_STOCK\_TRANS\_TBS offline immediate;
* alter database datafile 'E:\ \T\_MFG\_RM\_ TBS\T\_MFG\_RM\_ TBS\_DBF00.ORA' offline;
* alter database datafile 'E: \T\_MFG\_RM\_ TBS\T\_MFG\_RM\_ TBS\_DBF01.ORA' offline;
* alter database datafile 'E:\ \T\_MFG\_RM\_ TBS\T\_MFG\_RM\_ TBS\_DBF02.ORA' offline;
* alter database datafile 'E:\ \T\_MFG\_RM\_ TBS\T\_MFG\_RM\_ TBS\_DBF03.ORA' offline;

1. **Check the tablespace and datafile status.**

* select name,status from v$datafile;

1. **Datafile goes to recover state recover it**.

* recover datafile 'E:\ \T\_MFG\_RM \_TBS\T\_MFG\_RM \_TBS\_DBF00.ORA';
* recover datafile 'E:\ \T\_MFG\_RM\_ TBS\T\_MFG\_RM\_ TBS\_DBF01.ORA';
* recover datafile 'E:\ \T\_MFG\_RM\_ TBS\T\_MFG\_RM\_ TBS\_DBF02.ORA';
* recover datafile 'E:\ \T\_MFG\_RM\_ TBS\T\_MFG\_RM\_ TBS\_DBF03.ORA';

1. **Now it goes to offline state.**

* select name,status from v$datafile;

1. **Shut down the database.**
2. **Move OR Copy datafiles from source to target**.

* mv /home/mouli\_dbf01' /DATA/mouli\_dbf01

1. **Put db in mount & Update in controlfile.**

* alter database rename file 'E:\ \T\_MFG\_RM \_TBS\T\_MFG\_RM \_TBS\_DBF00.ORA' to 'G:\ \T\_MFG\_RM \_TBS01\T\_MFG\_RM\_ TBS\_DBF00.ORA';
* alter database rename file 'E:\ \T\_MFG\_RM \_TBS\T\_MFG\_RM \_TBS\_DBF00.ORA' to 'G:\ \T\_MFG\_RM \_TBS01\T\_MFG\_RM\_ TBS\_DBF00.ORA';
* alter database rename file 'E:\ \T\_MFG\_RM \_TBS\T\_MFG\_RM \_TBS\_DBF00.ORA' to 'G:\ \T\_MFG\_RM \_TBS01\T\_MFG\_RM\_ TBS\_DBF00.ORA';
* alter database rename file 'E:\ \T\_MFG\_RM \_TBS\T\_MFG\_RM \_TBS\_DBF00.ORA' to 'G:\ \T\_MFG\_RM \_TBS01\T\_MFG\_RM\_ TBS\_DBF00.ORA';

1. **Open the database & online the datafiles.**

* alter database open;
* alter database datafile 'G:\ \T\_MFG\_RM \_TBS01\T\_MFG\_RM \_TBS\_DBF00.ORA' online;
* alter database datafile 'G:\ \T\_MFG\_RM \_TBS01\T\_MFG\_RM \_TBS\_DBF01.ORA' online;
* alter database datafile 'G:\ \T\_MFG\_RM \_TBS01\T\_MFG\_RM \_TBS\_DBF02.ORA' online;
* alter database datafile 'G:\ \T\_MFG\_RM\_ TBS01\T\_MFG\_RM \_TBS\_DBF03.ORA' online;

1. **check the status.**

* select tablespace\_name,status from dba\_tablespaces;
* select name,status from v$datafile;

**CHANGING DATAFILES PATH** 12c & 19c

1. select name,status from v$datafile;
2. create the required directory path.
3. alter database move datafile '/SSD/11g/oradata/undotbs01.dbf' to '/SSD/ABC/oradata/undotbs01.dbf';
4. alter database move datafile '/SSD/11g/oradata/sysaux01.dbf' to '/SSD/ABC/oradata/sysaux01.dbf';
5. alter database move datafile '/SSD/11g/oradata/system01.dbf' to '/SSD/ABC/oradata/system01.dbf';
6. alter database move datafile '/SSD/11g/oradata/users01.dbf' to '/SSD/ABC/oradata/users01.dbf';

**DROP AND RECREATE ONLINE REDOLOG FILES**

* Firstly ORACLE will never allow you to drop the current ONLINE redolog file.

1. **Check redolog status and size**

* select l.group#, l.thread#,f.member,l.archived,l.status,(bytes/1024/1024) fsize from v$log l, v$logfile f where f.group# = l.group# order by 1,2;
* select GROUP#,THREAD#,STATUS from v$log;

1. **Drop and Recreate online redolog files**

* Begin dropping the redolog groups with STATUS=’INACTIVE’ Oracle will not allow you to drop a current online redolog file.
* **alter database drop logfile group 1;**
* if logfile dropped from database. Go to logfile location and delete it manually also.

1. **Recreate groups**

* alter database add logfile group 1 'E:\ ORADATA\REDO03.LOG' size 50m;
* add other dropped groups also.

1. **To change the status of a log group from CURRENT to INACTIVE, simply switch a logfile.**

* alter system switch logfile;

1. **To check status of group member the command.**

* select GROUP#,THREAD#,STATUS from v$log;

**ORA-19527: physical standby redo log must be renamed**

**Issue Reported:-**

* ALTER DATABASE CLEAR LOGFILE GROUP 5;

**ERROR at line 1:**

ORA-19527: physical standby redo log must be renamed

ORA-00312: online log 5 thread 0: '/u01/app/oracle/oradata/PRODPRIM/stndby2.log'

**Cause of Issue:-**

This issue occurs when we don't set log\_file\_name\_convert parameter in the standby database

* show parameter log\_file

NAME TYPE VALUE

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log\_file\_name\_convert string

**Resolution:-**

* Set the LOG\_FILE\_NAME\_CONVERT parameter in spfile
* alter system set LOG\_FILE\_NAME\_CONVERT='/u01/ PRODPRIM/','/u01/PROD/' scope=spfile;

**Shutdown the database**

* shu immediate

**Mount the standby database**

* startup mount
* ALTER DATABASE CLEAR LOGFILE GROUP 5;

**If Redo logile is not dropping**

* ALTER DATABASE CLEAR LOGFILE GROUP 1;
* ALTER DATABASE DROP LOGFILE GROUP 1;

**Renaming (move) redlog files from one location to another**

**select member from v$logfile;**

* ALTER DATABASE RENAME FILE '/SSD/11g/redo\_01.log' to '/SSD/ABC/redo\_01.log';
* ALTER DATABASE RENAME FILE '/SSD/11g/redo\_02.log' to '/SSD/ABC/redo\_02.log';
* ALTER DATABASE RENAME FILE '/SSD/11g/redo\_03.log' to '/SSD/ABC/redo\_03.log';

**Drop existing temp tablespace and create new temp tablespace.**

**1 Check sessions using temp tablespace & assigned to which users.**

* select username, TEMPORARY\_TABLESPACE from dba\_users;
* SELECT b.tablespace,b.segfile#,b.segblk#,b.blocks,a.sid,a.serial#,a.username,a.osuse, a.status FROM v$session a,v$sort\_usage b WHERE a.saddr = b.session\_addr;
* alter system kill session 'SID\_NUMBER, SERIAL#' immediate;

**2 Create new Temporary Tablespace TempNew.**

* CREATE TEMPORARY TABLESPACE TempNew TEMPFILE '/opt/app/oracle/oradata/linuxpro/tempnew01.dbf' SIZE 50M;

**3 Make the user default temp tablespace to TempNew.**

* alter user EISJMS TEMPORARY tablespace TEMPNEW;
* ALTER DATABASE DEFAULT TEMPORARY TABLESPACE TEMP;

**4 Drop temp tablespace EISJMSPROD01\_TEMP\_TBS.**

* DROP TABLESPACE EISP1\_TEMP\_TBS INCLUDING CONTENTS AND DATAFILES;

**5 Recreate Tablespace Temp**

* CREATE TEMPORARY TABLESPACE EISP1\_TEMP\_TBS TEMPFILE /DATA/ EISP1\_TEMP\_TBS/EISP1\_TEMP\_TBS\_01.ORA' SIZE 10g AUTOEXTEND ON;
* ALTER TABLESPACE EISJMSPROD01\_TEMP\_TBS ADD TEMPFILE /DATA/ EISP1\_TEMP\_TBS/EISP1\_TEMP\_TBS\_02.ORA' SIZE 10g AUTOEXTEND ON;

**6 Make the default tablespace to EISP1PROD02\_TEMP\_TBS.**

* alter user EISJMS TEMPORARY tablespace EISP1PROD02\_TEMP\_TBS;
* ALTER DATABASE DEFAULT TEMPORARY TABLESPACE EISP1PROD02\_TEMP\_TBS;

1. **Drop temporary tablespace TempNew.**

* DROP TABLESPACE TempNew INCLUDING CONTENTS AND DATAFILES;

**8 Check the temp tablespace status.**

* select username, TEMPORARY\_TABLESPACE from dba\_users;

1. **To check temp tablespace size.**

* SELECT \*

FROM

(SELECT a.tablespace\_name,

SUM(a.bytes/1024/1024/1024) allocated\_gb

FROM dba\_temp\_files a

WHERE a.tablespace\_name = 'TEMP'

GROUP BY a.tablespace\_name

) x,

(SELECT SUM(b.bytes\_used/1024/1024/1024) used\_gb,

SUM(b.bytes\_free /1024/1024/1024) free\_gb

FROM v$temp\_space\_header b

WHERE b.tablespace\_name = 'TEMP'

GROUP BY b.tablespace\_name

);

1. **To check temp files autoextension status.**

* select tablespace\_name,file\_name,AUTOEXTENSIBLE from dba\_temp\_files;

1. **To check temp files.**

* SELECT FILE\_NAME FROM DBA\_TEMP\_FILES WHERE TABLESPACE\_NAME = 'EISP1PROD02\_TEMP\_TBS';

**Changing control files location**

1. **Check controlfiles location.**

* select name from v$controlfile;
* show parameter control\_files;

1. **Check database running on pfile or spfile.**

* show parameter spfile;

1. **Change location of controlfile in spfile.**

* alter system set control\_files='/SSD/ABC/oradata/control01.ctl' SCOPE=SPFILE;

1. **Shut down database.**

* shutdown immediate;

1. **Move controlfile from old location to new location.**

* mv control01.ctl /SSD/ABC/oradata

1. **Start database**

* startup;

1. **Check controlfiles location.**

* select name from v$controlfile;
* show parameter control\_files;