

## DATABASE NOT REPLICATING SOLUTION 1

Shut down and restart the database

- ⇒ shu immediate;
- ⇒ startup nomount;
- ⇒ alter database mount standby database;
- ⇒ alter database recover managed standby database disconnect;
- ⇒ select open\_mode from V\$database;
- ⇒ select sequence#,next\_time, applied from V\$archived\_log order by 1;

## DATABASE NOT REPLICATING SOLUTION II

THIS MAY BE CAUSED BY ORACLE DATAFILE ERROR

### CORRECTION SOLUTION

Read through the errors via the alert log in diag folder to confirm how to tackle it.

To determine the location of your diag => **show parameter diag;**

Check the alert\_log for these:

- i. data file number is unknown e.g **data file 152 is unknown** - rename to correct file
- ii. data file number unnamed e.g **UNNAMED00152**
- iii. No standby redo logfiles available for T-1

Below are the error messages

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Errors in file C:\ORACLE\DATABASE\diag\rdbms\twadb\twadb\trace\twadb\_pr00\_8404.trc:

ORA-01111: name for **data file 152 is unknown** - rename to correct file

ORA-01110: data file 152: 'C:\ORACLE\PRODUCT\12.2.0\DBHOME\_1\DATABASE\UNNAMED00152'

ORA-01157: cannot identify/lock data file 152 - see DBWR trace file

ORA-01111: name for data file 152 is unknown - rename to correct file

ORA-01110: data file 152: 'C:\ORACLE\PRODUCT\12.2.0\DBHOME\_1\DATABASE\UNNAMED00152'

Managed Standby Recovery not using Real Time Apply

2022-08-04T05:10:31.572139+01:00

Recovery Slave PR00 previously exited with exception 1111

2022-08-04T05:10:31.572139+01:00

Errors in file C:\ORACLE\DATABASE\diag\rdbms\twadb\twadb\trace\twadb\_mrp0\_3600.trc:

ORA-01111: name for data file 152 is unknown - rename to correct file

ORA-01110: data file 152: 'C:\ORACLE\PRODUCT\12.2.0\DBHOME\_1\DATABASE\UNNAMED00152'

ORA-01157: cannot identify/lock data file 152 - see DBWR trace file

ORA-01111: name for data file 152 is unknown - rename to correct file

ORA-01110: data file 152: 'C:\ORACLE\PRODUCT\12.2.0\DBHOME\_1\DATABASE\UNNAMED00152'

2022-08-04T05:10:32.040886+01:00

Completed: alter database recover managed standby database disconnect

2022-08-04T05:10:33.967403+01:00

Errors in file C:\ORACLE\DATABASE\diag\rdbms\twldb\twldb\trace\twldb\_m000\_8932.trc:

ORA-01110: data file 152: 'C:\ORACLE\PRODUCT\12.2.0\DBHOME\_1\DATABASE\UNNAMED00152'

ORA-01565: error in identifying file  
'C:\ORACLE\PRODUCT\12.2.0\DBHOME\_1\DATABASE\UNNAMED00152'

ORA-27041: unable to open file

OSD-04002: unable to open file

O/S-Error: (OS 2) The system cannot find the file specified.

2022-08-04T05:11:16.317538+01:00

Primary database is in MAXIMUM PERFORMANCE mode

RFS[3]: Assigned to RFS process (PID:7768)

RFS[3]: No standby redo logfiles available for T-1

RFS[3]: Opened log for T-1.S-10174 dbid 4019796823 branch 1074523367

2022-08-04T08:03:56.109092+01:00

Archived Log entry 3285 added for thread 1 sequence 10174 rlc 1074523367 ID 0x15afff0 LAD2 :

RFS[3]: No standby redo logfiles available for T-1

RFS[3]: Opened log for T-1.S-10175 dbid 4019796823 branch 1074523367

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## SOLUTION:

Cancel recovery in DR as follow:

**alter database recover managed standby database cancel;**

At DR:

SQL> select \* from v\$recover\_file where error like '%FILE%';

FILE# ONLINE ONLINE\_

-----

ERROR CHANGE#

-----

TIME CON\_ID

-----

152 ONLINE ONLINE (NOTE 152 IS D NO GIVEN AS OF THE ERROR MESSAGE)Use ur own NO  
FILE MISSING 0  
0

At HQ: use 152 in the above output to identify the datafile as follow:

SQL> select file#,name from v\$datafile where file#=152;

2 ;

FILE#

-----

NAME

-----

152

F:\ORACLE\ORADATA\TWIDTHB\TWI\_TRAN\_12.DBF

At DR: use same 152 to identify the datafile as follow:

SQL> select file#,name from v\$datafile where file#=152;

FILE#

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NAME

-----

152

F:\ORACLE\ORADATA\TWIDTHB\TWI\_TRAN\_12.DBF

At DR:

```
SQL> show parameters standby_file_management;
```

```
SQL> alter system set standby_file_management=MANUAL scope=both;
```

System altered.

C:\ORACLE\PRODUCT\12.2.0\DBHOME\_1\DATABASE\UNNAMED00152

```
SQL>          alter          database          create          datafile
'C:\ORACLE\PRODUCT\12.2.0\DBHOME_1\DATABASE\UNNAMED00152'
'F:\ORACLE\ORADATA\TWINDB\TWI_TRAN_12.DBF';
as
```

Database altered.

```
alter database recover managed standby database disconnect from session;
```

```
SELECT SEQUENCE#, APPLIED, NEXT_TIME FROM V$ARCHIVED_LOG ORDER BY SEQUENCE#;
```

```
-----
=====
=====
```

## SUMMARY:

- 1.) CANCEL REPLICATION: **alter database recover managed standby database cancel;**
- 2.) At DR show the error message: **select \* from v\$recover\_file where error like '%FILE%';** (This will show something like this at the end) ( 152 ONLINE ONLINE)
- 3.) AT HQ & DR use 152 in the above output to identify the datafile as follow:

```
select file#,name from v$datafile where file#=152;
```

Output will be something like this in both HQ & DR

FILE#

-----

NAME

-----

F:\ORACLE\ORADATA\TWIDB\TWI\_TRAN\_12.DBF

4.) Determine if the DR data file is in Auto/manual state: **show parameters standby\_file\_management;**

5.) If at Auto set it to Manual: **alter system set standby\_file\_management=MANUAL scope=both;**

**Note:** This was the error message that the data file added didn't go to its right location but instead copied to C drive

(ORA-01110: data file 152: 'C:\ORACLE\PRODUCT\12.2.0\DBHOME\_1\DATABASE\UNNAMED00152')

Now we are going to create the data file to its rightful location we want it to be so that replication will work

i. Ensure there is enough space where you want to move/create the data file to.

ii. If no space ask data center people to create space on it before launching the next command

6.) **alter database create data file 'C:\ORACLE\PRODUCT\12.2.0\DBHOME\_1\DATABASE\UNNAMED00152'**

**as 'F:\ORACLE\ORADATA\TWIDB\TWI\_TRAN\_10.DBF';**

7.) Set the data file back to AUTO: **alter system set standby\_file\_management=AUTO scope=both;**

8.) Recover the current Replication session: **alter database recover managed standby database disconnect from session;**

9.) Check the REPLICATION: **SELECT SEQUENCE#, APPLIED, NEXT\_TIME FROM V\$ARCHIVED\_LOG ORDER BY SEQUENCE#;**

Solution to the TWCMS PROBLEM..

Solving ora00059

1] Determine the value of db\_files

SQL> show parameter db\_files

2] Check the number of Datafiles

SQL> select count(\*) from dba\_data\_files;

4] Set the db\_files parameter to a new high value

SQL> alter system set db\_files=x scope=spfile;

4] Shutdown the database with immediate option and restart so that the new value for db\_files can be read.

SQL> shutdown immediate

SQL> startup

5] Check the new value for db\_files parameter

```
SQL> show parameter db_files
```