

Ora-01124: Cannot Recover Data File %s - File Is In Use Or Recovery (Doc ID 1355591.1)

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Document Details

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APPLIES TO:

Oracle Database - Enterprise Edition - Version 10.2.0.1 and later  
Information in this document applies to any platform.

SYMPTOMS

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For the purposes of this document, the following fictitious environment is used as an example to describe the procedure:

Database Name: PROD  
Tablespace Name: MY\_TS  
Disk Group Name: +DATA1

\*\*\*\*\*

1) Datafile appears to have gone offline on 01-09-11 14:46:

```
SQL> select * from v$recover_file order by 1;
```

FILE#	ONLINE	ONLINE_ERROR	CHANGE#	TIME
5	OFFLINE	OFFLINE	1.1026E+13	01-09-11 19:46:08

  

```
SQL> select FILE#,TS# , status, NAME from v$datafile  
2 where status not in ('SYSTEM','ONLINE')  
3 order by 1;
```

FILE#	TS#	STATUS	NAME
5	378	RECOVER	+DATA1/PROD/datafile/myts.518.751065933

Need sequence 3136 thread 3:

```
SQL> select hxfil FILE#,fhsta STAT,fhscn SCN,  
2 fhthr thr, fhrba_seq SEQUENCE,  
3 round((fhfsz * fhbsz)/1024/1024,0) mb,  
4 fhtnm TABLESPACE  
5 from x$kcvcfh order by 1;
```

FILE#	STAT	SCN	THR	SEQUENCE	MB	TABLESPACE
...						
5	4	11025537587882	3	3136	1500	MY_TS
...						

2) recovery shows file in use or being recovered by another process:

```
RMAN> recover datafile 5;  
  
Starting recover at 02.09.2011 01:41:00  
starting full resync of recovery catalog  
full resync complete
```

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Oracle Database - Enterprise Edition

Information Centers

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Document References

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```
allocated channel: ORA_DISK_1
channel ORA_DISK_1: SID=170 instance=PROD1 device type=DISK

starting media recovery
media recovery failed
RMAN-00571: =====
RMAN-00569: ===== ERROR MESSAGE STACK FOLLOWS =====
RMAN-00571: =====
RMAN-03002: failure of recover command at 09/02/2011 01:41:44
ORA-00283: recovery session canceled due to errors
RMAN-11003: failure during parse/execution of SQL statement: alter database recover if needed
datafile 5
ORA-00283: recovery session canceled due to errors
ORA-01124: cannot recover data file 459 - file is in use or recovery
ORA-01110: data file 5: ' +DATA1/PROD/datafile/myts.518.751065933'
```

## CAUSE

Datafile is in use or another recovery session is in progress

## SOLUTION

1) Terminate or exit out of all previous recovery sessions

or

2) restart the database to clear all previous recovery sessions

```
SQL> shutdown immediate;
SQL> startup mount;
SQL> recover datafile 5;
SQL> alter database datafile 5 online;
```

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