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| **Wrong Dependency Caused Failure of Database Startup on 11.2 (Doc ID 1481896.1)** | [To Bottom](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=57082127005405&id=1481896.1&_adf.ctrl-state=10ouboi641_113%20\o%20To%20Bottom) |  |



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| **In this Document**   |  |  | | --- | --- | |  | [Symptoms](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=57082127005405&id=1481896.1&_adf.ctrl-state=10ouboi641_113%20\l%20SYMPTOM) | |  | [Changes](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=57082127005405&id=1481896.1&_adf.ctrl-state=10ouboi641_113%20\l%20CHANGE) |  |  |  | | --- | --- | |  | [Cause](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=57082127005405&id=1481896.1&_adf.ctrl-state=10ouboi641_113%20\l%20CAUSE) | |  | [Solution](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=57082127005405&id=1481896.1&_adf.ctrl-state=10ouboi641_113%20\l%20FIX) |     **APPLIES TO:**  Oracle Database - Enterprise Edition - Version 11.2.0.1 and later  Information in this document applies to any platform.  **SYMPTOMS**  You are doing migration to new diskgroup and you have destroyed those old diskgrpup ,even after moving all datafiles into new diskgroup ,database is not able to come up .  It is complaining about missing disk in those old diskgroup and failing to open the database.  **CHANGES**   database datafiles moved into new asm diskgroup  Old ASM diskgroup is dropped .  **CAUSE**   Validated from all views that all datafiles were moved into new diskgroup.  But ,database resource profile was still holding those old diskgroup dependencies for this database ,inturn it was waiting for those diskgroup to be mounted .   From the output of below command,  crsctl stat res ora.acmdmp.db -p  NAME=ora.acmdmp.db  TYPE=ora.database.type  ACL=owner:oracle:rwx,pgrp:dba:rwx,other::r--  ACTION\_FAILURE\_TEMPLATE=  ACTION\_SCRIPT=  ACTIVE\_PLACEMENT=1  AGENT\_FILENAME=%CRS\_HOME%/bin/oraagent%CRS\_EXE\_SUFFIX%  AUTO\_START=restore  CARDINALITY=3  CHECK\_INTERVAL=1  CHECK\_TIMEOUT=600  CLUSTER\_DATABASE=true  DB\_UNIQUE\_NAME=acmdmp  DEFAULT\_TEMPLATE=PROPERTY(RESOURCE\_CLASS=database) PROPERTY(DB\_UNIQUE\_NAME= CONCAT(PARSE(%NAME%, ., 2), %USR\_ORA\_DOMAIN%, .)) ELEMENT(INSTANCE\_NAME= %GEN\_USR\_ORA\_INST\_NAME%)  DEGREE=1  DESCRIPTION=Oracle Database resource  ENABLED=1  FAILOVER\_DELAY=0  FAILURE\_INTERVAL=60  FAILURE\_THRESHOLD=1  GEN\_AUDIT\_FILE\_DEST=/u01/app/oracle/admin/acmdmp/adump  GEN\_USR\_ORA\_INST\_NAME=  GEN\_USR\_ORA\_INST\_NAME@SERVERNAME(plxdacdm301)=acmdmp1  GEN\_USR\_ORA\_INST\_NAME@SERVERNAME(plxdacdm302)=acmdmp2  GEN\_USR\_ORA\_INST\_NAME@SERVERNAME(plxdacdm303)=acmdmp3  HOSTING\_MEMBERS=  INSTANCE\_FAILOVER=0  LOAD=1  LOGGING\_LEVEL=1  MANAGEMENT\_POLICY=AUTOMATIC  NLS\_LANG=  NOT\_RESTARTING\_TEMPLATE=  OFFLINE\_CHECK\_INTERVAL=0  ORACLE\_HOME=/u01/app/oracle/product/11.2.0/db\_1  PLACEMENT=restricted  PROFILE\_CHANGE\_TEMPLATE=  RESTART\_ATTEMPTS=2  ROLE=PRIMARY  SCRIPT\_TIMEOUT=60  SERVER\_POOLS=ora.acmdmp  SPFILE=+DATA\_MART/acmdmp/spfileacmdmp.ora  START\_DEPENDENCIES=hard(ora.DATA\_MART.dg,ora.FLASH\_MART.dg,ora.DATA.dg,ora.FLASH.dg) weak(type:ora.listener.type,global:type:ora.scan\_listener.type,uniform:ora.ons,uniform:ora.eons) pullup(ora.DATA\_MART.dg,ora.FLASH\_MART.dg)  START\_TIMEOUT=600  STATE\_CHANGE\_TEMPLATE=  STOP\_DEPENDENCIES=hard(intermediate:ora.asm,shutdown:ora.DATA\_MART.dg,shutdown:ora.FLASH\_MART.dg,shutdown:ora.DATA.dg,shutdown:ora.FLASH.dg)  STOP\_TIMEOUT=600  UPTIME\_THRESHOLD=1h  USR\_ORA\_DB\_NAME=acmdmp    Where OLD diskgroups were DATA and FLASH  and New diskgroup were DATA\_MART and FLASH\_MART  **SOLUTION**  1. Remove the dependency from database resource and remove those old diskgroup resource from this cluster using crsctl command,    crsctl modify resource ora.acmdmp.db -attr "hard(ora.DATA\_MART.dg,ora.FLASH\_MART.dg) weak(type:ora.listener.type,global:type:ora.scan\_listener.type,uniform:ora.ons,uniform:ora.eons) pullup(ora.DATA\_MART.dg,ora.FLASH\_MART.dg) "   crsctl modify resource ora.acmdmp.db -attr "STOP\_DEPENDENCIES=hard(intermediate:ora.asm,shutdown:ora.DATA\_MART.dg,shutdown:ora.FLASH\_MART.dg)"   Then remove those resources   srvctl remove diskgroup -g data  srvctl remove diskgroup -g fra    2. Then open the database using sqlplus/srvctl . |