

【故障处理】 DBCA 建库报错 CRS-2566 PRCR-1071 PRCR-1006

1.1 BLOG 文档结构图

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1.1 BLOG 文档结构图

1.2 前言部分

1.2.1 导读和注意事项

1.2.2 本文简介

1.3 故障分析及解决过程

1.3.1 故障环境介绍

1.3.2 故障发生现象及报错信息

1.4 故障处理总结

About Me

1.2 前言部分

1.2.1 导读和注意事项

各位技术爱好者，看完本文后，你可以掌握如下的技能，也可以学到一些其它你所不知道的知识，~O(∩_∩)O~：

- ① dbca 静默建库
- ② 将监听加入 CRS 中

Tips：

- ① 若文章代码格式有错乱，推荐使用搜狗、QQ 或 360 浏览器，也可以下载 pdf 格式的文档来查看，pdf 文档下载地址：<http://yunpan.cn/cdEQedhCs2kFz>（提取码：ed9b）
- ② 本篇 BLOG 中命令的输出部分需要特别关注的地方我都用灰色背景和粉红色字体来表示，比如下边的例子中，thread 1 的最大归档日志号为 33，thread 2 的最大归档日志号为 43 是需要特别关注的地方；而命令一般使用黄色背景和红色字体标注；对代码或代码输出部分的注释一般采用蓝色字体表示。

List of Archived Logs in backup set 11

Thrd Seq	Low SCN	Low Time	Next SCN	Next Time
-----	-----	-----	-----	-----

```
1 32 1621589 2015-05-29 11:09:52 1625242 2015-05-29 11:15:48
1 33 1625242 2015-05-29 11:15:48 1625293 2015-05-29 11:15:58
2 42 1613951 2015-05-29 10:41:18 1625245 2015-05-29 11:15:49
2 43 1625245 2015-05-29 11:15:49 1625253 2015-05-29 11:15:53

[ZFXXDB1:root]:/>lsvg -o
T_XDESK_APP1_vg
rootvg
[ZFXXDB1:root]:/>
00:27:22 SQL> alter tablespace idxtbs read write;

====》 2097152*512/1024/1024/1024=1G
```

本文如有错误或不完善的地方请大家多多指正，ITPUB 留言或 QQ 皆可，您的批评指正正是我写作的最大动力。

1.2.2 本文简介

本来想熟悉一下 DG 的搭建过程，没想到第一步 dbca 创建测试库的时候就报错了，

PRCR-1006 : Failed to add resource ora.lhrdg.db for lhrdg
PRCR-1071 : Failed to register or update resource ora.lhrdg.db
CRS-2566: User 'oracle' does not have sufficient permissions to operate on resource 'ora.LISTENER_LHRDG.lsnr', which is part of the dependency specification.
DBCA_PROGRESS : 100%

简单查询处理了一下，这里记录一下过程。

1.3 故障分析及解决过程

1.3.1 故障环境介绍

项目	source db
db 类型	RAC

db version	11.2.0.3
db 存储	ASM
OS 版本及 kernel 版本	AIX 64 位 5.3.0.0

1.3.2 故障发生现象及报错信息

PRCR-1006 : Failed to add resource ora.lhrdg.db for lhrdg
PRCR-1071 : Failed to register or update resource ora.lhrdg.db
CRS-2566: User 'oracle' does not have sufficient permissions to operate on resource 'ora.LISTENER_LHRDG.lsnr', which is part of the dependency specification.
DBCA_PROGRESS : 100%

```
[ZFXDESKDB3:oracle]:/oracle>dbca -silent -createDatabase -templateName General_Purpose.dbc \  
> -gdbname LHRDG -sid LHRDGZK \  
> -sysPassword lhr -systemPassword lhr \  
> -datafileDestination 'DATA/' -redoLogFileSize 50 -recoveryAreaDestination '/arch' \  
> -storageType ASM -asmsnpPassword lhr -diskGroupName 'DATA' -responseFile NO_VALUE \  
> -characterSet ZHS16GBK -nationalCharacterSet AL16UTF16 -sampleSchema true -automaticMemoryManagement true \  
> -totalMemory 1024 -nodeinfo ZFXDESKDB3,ZFXDESKDB4  
  
Copying database files  
100% complete  
Look at the log file "/oracle/app/oracle/cfgtoollogs/dbca/LHRDG/LHRDG.log" for further details.  
[ZFXDESKDB3:oracle]:/oracle>  
[ZFXDESKDB3:oracle]:/oracle>  
[ZFXDESKDB3:oracle]:/oracle>  
[ZFXDESKDB3:oracle]:/oracle>more /oracle/app/oracle/cfgtoollogs/dbca/LHRDG/LHRDG.log"  
>  
>  
[ZFXDESKDB3:oracle]:/oracle>more /oracle/app/oracle/cfgtoollogs/dbca/LHRDG/LHRDG.log  
Copying database files  
PRCR-1006 : Failed to add resource ora.lhrdg.db for lhrdg  
PRCR-1071 : Failed to register or update resource ora.lhrdg.db  
CRS-2566: User 'oracle' does not have sufficient permissions to operate on resource 'ora.LISTENER_LHRDG.lsnr', which is part of the dependency specification.  
DBCA_PROGRESS : 100%  
  
[ZFXDESKDB3:oracle]:/oracle>oerr crs 2566  
2566, 1, "User '%s' does not have sufficient permissions to operate on resource '%s', which is part of the dependency specification."  
// *Cause: User does not have permissions to operate on the resource as it will prevent the current resource from starting or staying online in future.  
// *Action: The user performing the operation must have access  
// privileges to operate on the entire resource dependency tree. The  
// user must either be given those privileges by modifying the dependent  
// resources' access rights or another user having permissions should  
// perform this operation.  
  
《 《 《 《-----简单点还是没有权限，且和 resource 'ora.LISTENER_LHRDG.lsnr' 有关，这个资源是我创建 dg 的时候单独开的监听，且看看该资源的配置情况  
  
[ZFXDESKDB3:grid]:/home/grid>srvctl config listener -l LISTENER_LHRDG -a  
Name: LISTENER_LHRDG  
Network: 1, Owner: root 《 《 《 《-----很明显的错误，owner 是 root，  
Home: <CRS home>  
/oracle/app/11.2.0/grid on node(s) zfxdeskbd3,zfxdeskbd4
```

End points: TCP:1523

《 《 《 《----下边删除该资源重新添加

```
[ZFXDESKDB3:grid]:/home/grid>srvctl remove listener -l LISTENER_LHRDG
PRCR-1025 : Resource ora.LISTENER_LHRDG.lsnr is still running
[ZFXDESKDB3:grid]:/home/grid>crsctl stop resource ora.LISTENER_LHRDG.lsnr
CRS-0245: User doesn't have enough privilege to perform the operation
CRS-4000: Command Stop failed, or completed with errors.
[ZFXDESKDB3:grid]:/home/grid>exit
[ZFXDESKDB3:root]:/>
[ZFXDESKDB3:root]:/>
[ZFXDESKDB3:root]:/>crsctl stop resource ora.LISTENER_LHRDG.lsnr
CRS-2673: Attempting to stop 'ora.LISTENER_LHRDG.lsnr' on 'zfxdesdb4'
CRS-2673: Attempting to stop 'ora.LISTENER_LHRDG.lsnr' on 'zfxdesdb3'
CRS-2677: Stop of 'ora.LISTENER_LHRDG.lsnr' on 'zfxdesdb4' succeeded
CRS-2677: Stop of 'ora.LISTENER_LHRDG.lsnr' on 'zfxdesdb3' succeeded
[ZFXDESKDB3:root]:/>
[ZFXDESKDB3:root]:/>
[ZFXDESKDB3:root]:/>srvctl remove listener -l LISTENER_LHRDG
[ZFXDESKDB3:root]:/>
[ZFXDESKDB3:root]:/>
[ZFXDESKDB3:root]:/>su - grid
[ZFXDESKDB3:grid]:/home/grid>
[ZFXDESKDB3:grid]:/home/grid>
[ZFXDESKDB3:grid]:/home/grid>srvctl add listener -l LISTENER_LHRDG -p 1523 -o $ORACLE_HOME
[ZFXDESKDB3:grid]:/home/grid>
[ZFXDESKDB3:grid]:/home/grid>srvctl config listener -l LISTENER_LHRDG -a
Name: LISTENER_LHRDG
Network: 1, Owner: grid
Home: <CRS home>
/oracle/app/11.2.0/grid on node(s) zfxdesdb3,zfxdesdb4
End points: TCP:1523
```

《 《 《 《----修改完成后可以正常 dbca 库了

```
[ZFXDESKDB3:oracle]:/oracle>dbca -silent -createDatabase -templateName General_Purpose.dbc \
> -gdbname LHRDG -sid LHRDGZK \
> -sysPassword lhr -systemPassword lhr \
> -datafileDestination 'DATA/' -redoLogFileSize 50 -recoveryAreaDestination '/arch' \
> -storageType ASM -asmsnmpPassword lhr -diskGroupName 'DATA' -responseFile NO_VALUE \
> -characterSet ZHS16GBK -nationalCharacterSet AL16UTF16 -sampleSchema true -automaticMemoryManagement true \
> -totalMemory 1024 -nodeinfo ZFXDESKDB3,ZFXDESKDB4
Cleaning up failed steps
4% complete
Copying database files
5% complete
6% complete
7% complete
33% complete
Creating and starting Oracle instance
35% complete
39% complete
43% complete
47% complete
48% complete
50% complete
52% complete
Creating cluster database views
54% complete
71% complete
Completing Database Creation
74% complete
77% complete
85% complete
94% complete
100% complete
Look at the log file "/oracle/app/oracle/cfgtoollogs/dbca/LHRDG/LHRDG0.log" for further details.
```

处理完了想起来还有一个 modify 可以直接修改的，比如这里修改 user 我们可以用命令 `srvctl modify listener -l LISTENER_LHRDG -u grid` 来修改。

1.4 故障处理总结

- ① rac 添加 LISTENER 资源的时候需要使用 grid 用户
- ② `srvctl config` 查看资源的具体配置情况
- ③ `srvctl modify` 可以修改资源的配置

About Me

本文作者：小麦苗，只专注于数据库的技术，更注重技术的运用

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