环境Oracle版本19c

**1命令行登录oracle数据库**

[root@opengauss3 ~]# su oracle

[oracle@opengauss3 root]$ sqlplus / as sysdba

给目录执行权限

chmod +x /opt/oracle/oradata/recovery\_area

Oracle 数据库日志归档配置命令集

根据您提供的图片信息，以下是完整的日志归档配置命令序列：

**1. 检查当前归档状态**

ARCHIVE LOG LIST;

**2. 配置归档日志参数**

-- 设置归档日志存储空间大小(示例为100GB)

ALTER SYSTEM SET db\_recovery\_file\_dest\_size=100G;

-- 设置归档日志存储路径(请确保路径已存在)

ALTER SYSTEM SET db\_recovery\_file\_dest='/opt/oracle/oradata/recovery\_area' SCOPE=SPFILE;

**3. 开启日志归档模式**

-- 必须先以mount模式启动数据库

SHUTDOWN IMMEDIATE;

STARTUP MOUNT;

-- 启用归档模式

ALTER DATABASE ARCHIVELOG;

-- 打开数据库

ALTER DATABASE OPEN;

**4. 验证归档模式**

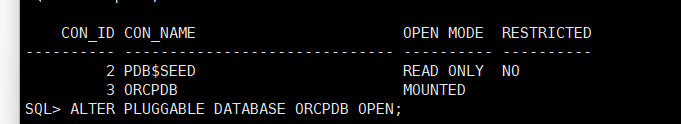
-- 再次检查确认归档已启用

ARCHIVE LOG LIST;

查看拔插式ORCPDB是否启动成功了

show pdbs;

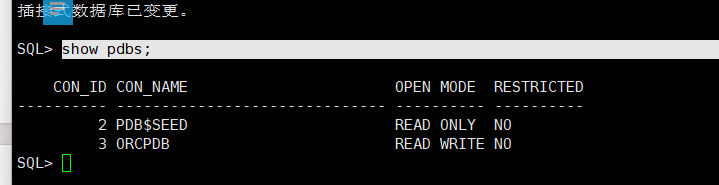
如果如下面图是



ORCPDB没有启动成功

运行 ALTER PLUGGABLE DATABASE ORCPDB OPEN;

再次运行show pdbs;



ORCPDB启动成功了

完整LogMiner安装配置流程

**1. 连接数据库**

sqlplus sys/password@host:port/SID as sysdba

password：sys用户密码

host：数据库服务器IP

port：数据库端口

SID：实例名

**2. 检查LogMiner是否已安装**

DESC DBMS\_LOGMNR;

DESC DBMS\_LOGMNR\_D;

无输出表示未安装，有输出表示已安装

**3. 安装LogMiner（图片1修正版）**

@$ORACLE\_HOME/rdbms/admin/dbmslm.sql

@$ORACLE\_HOME/rdbms/admin/dbmslmd.sql

create role roma\_logminer\_privs;

grant create session,

execute\_catalog\_role,

select any transaction,

flashback any table,

select any table,

lock any table,

select any dictionary to roma\_logminer\_privs;

grant select on SYSTEM.LOGMNR\_COL$ to roma\_logminer\_privs;

grant select on SYSTEM.LOGMNR\_OBJ$ to roma\_logminer\_privs;

grant select on SYSTEM.LOGMNR\_USER$ to roma\_logminer\_privs;

grant select on SYSTEM.LOGMNR\_UID$ to roma\_logminer\_privs;

grant select on V\_$DATABASE to roma\_logminer\_privs;

grant create table to roma\_logminer\_privs;

grant select\_catalog\_role to roma\_logminer\_privs;

grant LOGMINING to roma\_logminer\_privs;

grant lock any TABLE to roma\_logminer\_privs;

grant create SEQUENCE to roma\_logminer\_privs;

grant execute on DBMS\_LOGMNR to roma\_logminer\_privs;

grant execute on DBMS\_LOGMNR\_D to roma\_logminer\_privs;

grant select on V\_$LOG to roma\_logminer\_privs;

grant select on V\_$LOG\_HISTORY to roma\_logminer\_privs;

grant select on V\_$LOGMNR\_LOGS to roma\_logminer\_privs;

grant select on V\_$LOGMNR\_CONTENTS to roma\_logminer\_privs;

grant select on V\_$LOGMNR\_PARAMETERS to roma\_logminer\_privs;

grant select on V\_$LOGFILE to roma\_logminer\_privs;

grant select on V\_$ARCHIVED\_LOG to roma\_logminer\_privs;

grant select on V\_$ARCHIVE\_DEST\_STATUS to roma\_logminer\_privs;

grant select on V\_$TRANSACTION to roma\_logminer\_privs;

alter database add supplemental log data (all) columns;

已参考1.3.1.1完成c##roma\_logminer\_privs配置

在CDB下创建用户c##drs\_pdb用于DRS数据同步用户，

sqlplus / as sysdba

create user c##drs\_pdb IDENTIFIED BY password\_123;

grant CREATE SESSION to c##drs\_pdb;

grant SELECT ANY DICTIONARY to c##drs\_pdb;

grant EXECUTE\_CATALOG\_ROLE to c##drs\_pdb;

grant SELECT ANY TRANSACTION to c##drs\_pdb;

GRANT EXECUTE ON DBMS\_LOGMNR to c##drs\_pdb; -----LOGMINING

GRANT SET CONTAINER TO c##drs\_pdb CONTAINER=ALL;

GRANT RESTRICTED SESSION TO c##drs\_pdb;

grant c##roma\_logminer\_privs to c##drs\_pdb container=all; -----c##roma\_logminer\_privs这个权限参考roma文档中创建

使用管理员账户，切换到对应的pdb

ALTER SESSION SET CONTAINER=pdb\_ts;

GRANT RESTRICTED SESSION TO c##drs\_pdb; -------必须在对应pdb中单独执行一次

GRANT CONNECT, RESOURCE TO c##drs\_pdb;

grant CREATE SESSION to c##drs\_pdb;

grant SELECT ANY DICTIONARY to c##drs\_pdb;

grant EXECUTE\_CATALOG\_ROLE to c##drs\_pdb;

grant SELECT ANY TRANSACTION to c##drs\_pdb;

GRANT SELECT ON drs\_pdb\_ts.test to c##drs\_pdb;

SELECT tablespace\_name FROM dba\_tablespaces;

找默认的表空间

alter user c##drs\_pdb default tablespace USERS;

GRANT SELECT any table to c##drs\_pdb;

------可选

注意：这个用户，必须是在CDB下创建的，并对pdb库有查询权限的用户

在PDB下创建业务账号，已经有就不必创建，上面有在pdb赋权的命令

create USER drs\_pdb\_ts IDENTIFIED BY password\_123;

GRANT RESTRICTED SESSION TO drs\_pdb\_ts;

ALTER SESSION SET CONTAINER=pdb\_ts1;

GRANT CONNECT, RESOURCE TO drs\_pdb\_ts;

grant CREATE SESSION to drs\_pdb\_ts;

grant SELECT ANY DICTIONARY to drs\_pdb\_ts;

grant EXECUTE\_CATALOG\_ROLE to drs\_pdb\_ts;

grant SELECT ANY TRANSACTION to drs\_pdb\_ts;

GRANT SELECT ON drs\_pdb\_ts.test to c##drs\_pdb;