

实用数据库9

2018年3月23日 13:38

1. 管理控制文件 —— mount 阶段加载

- a. 控制文件的用途
- b. 控制文件的内容
- c. 控制文件的复用

i. Alter system set

```
Control_files='C:\Oracle\oradata\sales\CONTROL01.ctl','C:\Oracle\flash_recovery_area\sales\CONTROL02.ctl','C:\Oracle\copy\CONTROL03.ctl' scope=spfile;
```

ii. Shutdown immediate

iii. 将 CONTROL01.ctl 复制到指定的 03 控制文件的位置，并重命名

iv. startup

查看当前控制文件位置：Select name from v\$controlfile;

2. 创建控制文件：

- a. 将原控制文件导出成txt文件（）

Alter database backup controlfile to trace as 'C:\Oracle\temp\CreateControlfile.txt';

- b. Shutdown immediate, 然后删掉原来所有控制文件

- c. 此时重启数据库：

```
SQL> startup
ORACLE 例程已经启动。

Total System Global Area 6731022336 bytes
Fixed Size 2188488 bytes
Variable Size 3506441016 bytes
Database Buffers 3204448256 bytes
Redo Buffers 17944576 bytes
ORA-00205: ??????????, ??????, ????????
```

```
SQL> alter session set nls_language=english;
```

```
Session altered.
```

```
SQL> alter database mount;
```

```
alter database mount
```

```
*
```

```
ERROR at line 1:
```

```
ORA-00205: error in identifying control file, check alert log for more info
```

从'C:\Oracle\temp\CreateControlfile.txt'文件中复制出重建控制文件的语句：

```
CREATE CONTROLFILE REUSE DATABASE "SALES" NORESETLOGS NOARCHIVELOG
MAXLOGFILES 32
MAXLOGMEMBERS 2
MAXDATAFILES 32
```

```

MAXINSTANCES 16
MAXLOGHISTORY 1752
LOGFILE
GROUP 1 'C:\ORACLE\ORADATA\SALES\REDO01.LOG' SIZE 10M BLOCKSIZE 512,
GROUP 2 'C:\ORACLE\ORADATA\SALES\REDO02.LOG' SIZE 10M BLOCKSIZE 512,
GROUP 3 'C:\ORACLE\ORADATA\SALES\REDO03.LOG' SIZE 10M BLOCKSIZE 512
DATAFILE
'C:\ORACLE\ORADATA\SALES\SYSTEM01.DBF',
'C:\ORACLE\ORADATA\SALES\SYS_AUX01.DBF',
'C:\ORACLE\ORADATA\SALES\UNDOTBS01.DBF';

```

然后数据库就可以加载控制文件来启动了（上述语句执行成功之后可能需要重载数据库）

3. 使用当前进程来 debug —— oradebug setmypid

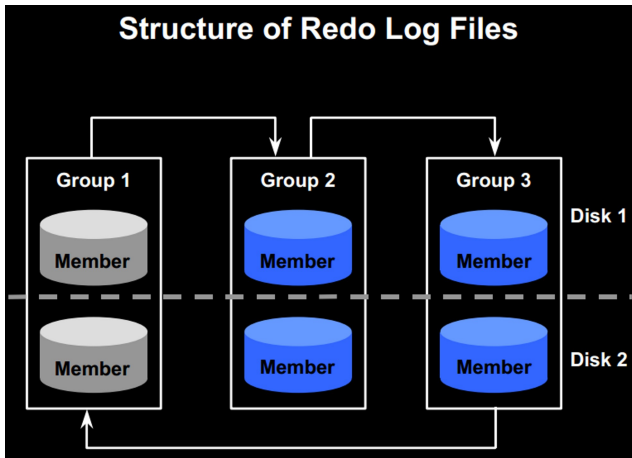
然后将控制文件导出成文本文件：

```

SQL> oradebug dump controlf 3
ORA-00074: no process has been specified
SQL> oradebug setmypid
Statement processed.
SQL> oradebug dump controlf 3
Statement processed.
SQL> oradebug TRACEFILE_NAME
c:\oracle\diag\rdbms\sales\sales\trace\sales_ora_9764.trc
SQL>

```

4. 日志管理：



a. Desc v\$log

b. 手工切换日志文件：

```

SQL> select group#, sequence#, status from v$log;

```

GROUP#	SEQUENCE#	STATUS
1	409	INACTIVE
2	410	INACTIVE
3	411	CURRENT

```
SQL> alter system switch logfile;
```

系统已更改。

```
SQL> select group#, sequence#, status from v$log;
```

GROUP#	SEQUENCE#	STATUS
1	412	CURRENT
2	410	INACTIVE
3	411	ACTIVE

c. 添加一个日志文件组：4是组号

```
SQL> alter database add logfile group 4
2 ('C:\Oracle\oradata\sales\redo04.log') size 10m;
```

数据库已更改。

d. 向日志组添加一个新成员：

```
SQL> alter database add logfile member
2 'C:\Oracle\oradata\sales\redo04a.log' to group 4;
```

数据库已更改。

```
SQL> select group#, members from v$log;
```

GROUP#	MEMBERS
1	1
2	1
3	1
4	2

e. 删除一个日志组成员

```
SQL> alter database drop logfile member
2 'C:\Oracle\oradata\sales\redo04a.log';
```

数据库已更改。

```
SQL> select group#, members from v$log;
```

GROUP#	MEMBERS
1	1
2	1
3	1
4	1

f. 删除日志组

```
SQL> alter database drop logfile group 4;
```

数据库已更改。

```
SQL> alter database drop logfile group 3;
```

数据库已更改。

```
SQL> select group#, sequence#, status from v$log;
```

GROUP#	SEQUENCE#	STATUS
1	412	CURRENT
2	410	INACTIVE

g. 清楚日志文件

h. OMF

```
SQL> alter system set db_create_online_log_dest_1='C:\Oracle\omf';  
System altered.
```

```
SQL> select group#, member from v$logfile;
```

GROUP#	MEMBER
2	C:\ORACLE\ORADATA\SALES\RED002.LOG
1	C:\ORACLE\ORADATA\SALES\RED001.LOG

```
SQL> alter database add logfile;
```

```
Database altered.
```

使用OMF后，数据库将会接管日志文件，自动管理，自动删除

```
3  
C:\ORACLE\OMF\SALES\ONLINELOG\01_MF_3_FCMCGTCP_.LOG
```

```
SQL> alter database drop  
2 logfile group 3;
```

```
Database altered.
```

g. 设置数据库归档模式

默认是非归档模式：

```
SQL> archive log list  
Database log mode          No Archive Mode  
Automatic archival        Disabled  
Archive destination        USE_DB_RECOVERY_FILE_DEST  
Oldest online log sequence 410  
Current log sequence       412
```

```

SQL> alter database archivelog;
alter database archivelog
*
ERROR at line 1:
ORA-01126: database must be mounted in this instance and not open in any
instance

SQL> shutdown immediate
Database closed.
Database dismounted.
ORACLE instance shut down.
SQL> startup mount
ORACLE instance started.

Total System Global Area 6731022336 bytes
Fixed Size                  2188488 bytes
Variable Size               3506441016 bytes
Database Buffers            3204448256 bytes
Redo Buffers                 17944576 bytes
数据库装载完毕。
SQL> alter database archivelog;

数据库已更改。

SQL> archive log list
数据库日志模式          存档模式
自动存档                启用
存档终点                USE_DB_RECOVERY_FILE_DEST
最早的联机日志序列      410
下一个存档日志序列      412
当前日志序列            412

```

关闭存档模式：alter database noarchivelog;

指定归档日志目的地：

手动归档

移动或重命名日志文件

5. 修复日志文件

```

SQL> alter database clear logfile group 1;
alter database clear logfile group 1
*
ERROR at line 1:
ORA-00350: log 1 of instance sales (thread 1) needs to be archived
ORA-00312: online log 1 thread 1: 'C:\ORACLE\ORADATA\SALES\REDO01.LOG'

SQL> recover database until cancel;
Media recovery complete.
SQL> alter database open;
alter database open
*
ERROR at line 1:
ORA-01589: must use RESETLOGS or NORESETLOGS option for database open

SQL> alter database open resetlogs;

Database altered.

SQL> select group#, member from v$logfile;

  GROUP#
-----
MEMBER
-----
          2
C:\ORACLE\ORADATA\REDO02.LOG

          1
C:\ORACLE\ORADATA\SALES\REDO01.LOG

```

```

SQL> CREATE CONTROLFILE REUSE DATABASE "SALES" NORESETLOGS NOARCHIVELOG
2  MAXLOGFILES 32
3  MAXLOGMEMBERS 2
4  MAXDATAFILES 32
5  MAXINSTANCES 16
6  MAXLOGHISTORY 1752
7 LOGFILE
8  GROUP 1 'C:\ORACLE\ORADATA\SALES\REDO01.LOG' SIZE 10M BLOCKSIZE 512,
9  GROUP 2 'C:\ORACLE\ORADATA\SALES\REDO02.LOG' SIZE 10M BLOCKSIZE 512,
10 GROUP 3 'C:\ORACLE\ORADATA\SALES\REDO03.LOG' SIZE 10M BLOCKSIZE 512
11
SQL> DATAFILE
SP2-0042: unknown command "DATAFILE" - rest of line ignored.
SQL> 'C:\ORACLE\ORADATA\SALES\SYSTEM01.DBF',
SP2-0734: unknown command beginning "C:\ORACLE..." - rest of line ignored.
SQL> 'C:\ORACLE\ORADATA\SALES\SYS_AUX01.DBF',
SP2-0734: unknown command beginning "C:\ORACLE..." - rest of line ignored.
SQL> 'C:\ORACLE\ORADATA\SALES\UNDOTBS01.DBF'
SP2-0734: unknown command beginning "C:\ORACLE..." - rest of line ignored.
SP2-0044: For a list of known commands enter HELP
and to leave enter EXIT.

```

SQL> CHARACTER SET US7ASCII

SP2-0734: unknown command beginning "CHARACTER ..." - rest of line ignored.

SQL> ;

```
1 CREATE CONTROLFILE REUSE DATABASE "SALES" NORESETLOGS NOARCHIVELOG
2   MAXLOGFILES 32
3   MAXLOGMEMBERS 2
4   MAXDATAFILES 32
5   MAXINSTANCES 16
6   MAXLOGHISTORY 1752
7 LOGFILE
8 GROUP 1 'C:\ORACLE\ORADATA\SALES\REDO01.LOG' SIZE 10M BLOCKSIZE 512,
9 GROUP 2 'C:\ORACLE\ORADATA\SALES\REDO02.LOG' SIZE 10M BLOCKSIZE 512,
10* GROUP 3 'C:\ORACLE\ORADATA\SALES\REDO03.LOG' SIZE 10M BLOCKSIZE 512
```

SQL>

```
SQL> CREATE CONTROLFILE REUSE DATABASE "SALES" NORESETLOGS NOARCHIVELOG
2   MAXLOGFILES 32
3   MAXLOGMEMBERS 2
4   MAXDATAFILES 32
5   MAXINSTANCES 16
6   MAXLOGHISTORY 1752
7 LOGFILE
8 GROUP 1 'C:\ORACLE\ORADATA\SALES\REDO01.LOG' SIZE 10M BLOCKSIZE 512,
9 GROUP 2 'C:\ORACLE\ORADATA\SALES\REDO02.LOG' SIZE 10M BLOCKSIZE 512,
10 GROUP 3 'C:\ORACLE\ORADATA\SALES\REDO03.LOG' SIZE 10M BLOCKSIZE 512
11 -- STANDBY LOGFILE
12
```

SQL> DATAFILE

SP2-0042: unknown command "DATAFILE" - rest of line ignored.

SQL> 'C:\ORACLE\ORADATA\SALES\SYSTEM01.DBF',

SP2-0734: unknown command beginning "C:\ORACLE..." - rest of line ignored.

SQL> 'C:\ORACLE\ORADATA\SALES\SYSAUX01.DBF',

SP2-0734: unknown command beginning "C:\ORACLE..." - rest of line ignored.

SQL> 'C:\ORACLE\ORADATA\SALES\UNDOTBS01.DBF'

SP2-0734: unknown command beginning "C:\ORACLE..." - rest of line ignored.

SP2-0044: For a list of known commands enter HELP

and to leave enter EXIT.

SQL> CHARACTER SET US7ASCII

SP2-0734: unknown command beginning "CHARACTER ..." - rest of line ignored.

SQL>

SQL>

```
SQL> CREATE CONTROLFILE REUSE DATABASE "SALES" NORESETLOGS NOARCHIVELOG
2   MAXLOGFILES 32
3   MAXLOGMEMBERS 2
```

```
4  MAXDATAFILES 32
5  MAXINSTANCES 16
6  MAXLOGHISTORY 1752
7  LOGFILE
8  GROUP 1 'C:\ORACLE\ORADATA\SALES\REDO01.LOG' SIZE 10M BLOCKSIZE 512,
9  GROUP 2 'C:\ORACLE\ORADATA\SALES\REDO02.LOG' SIZE 10M BLOCKSIZE 512,
10 GROUP 3 'C:\ORACLE\ORADATA\SALES\REDO03.LOG' SIZE 10M BLOCKSIZE 512
11
```

SQL> DATAFILE

SP2-0042: unknown command "DATAFILE" - rest of line ignored.

SQL> 'C:\ORACLE\ORADATA\SALES\SYSTEM01.DBF',

SP2-0734: unknown command beginning "'C:\ORACLE..." - rest of line ignored.

SQL> 'C:\ORACLE\ORADATA\SALES\SYS_AUX01.DBF',

SP2-0734: unknown command beginning "'C:\ORACLE..." - rest of line ignored.

SQL> 'C:\ORACLE\ORADATA\SALES\UNDOTBS01.DBF'

SP2-0734: unknown command beginning "'C:\ORACLE..." - rest of line ignored.

SP2-0044: For a list of known commands enter HELP

and to leave enter EXIT.

SQL> CHARACTER SET US7ASCII

SP2-0734: unknown command beginning "CHARACTER ..." - rest of line ignored.

SQL> ;

```
1  CREATE CONTROLFILE REUSE DATABASE "SALES" NORESETLOGS NOARCHIVELOG
2  MAXLOGFILES 32
3  MAXLOGMEMBERS 2
4  MAXDATAFILES 32
5  MAXINSTANCES 16
6  MAXLOGHISTORY 1752
7  LOGFILE
8  GROUP 1 'C:\ORACLE\ORADATA\SALES\REDO01.LOG' SIZE 10M BLOCKSIZE 512,
9  GROUP 2 'C:\ORACLE\ORADATA\SALES\REDO02.LOG' SIZE 10M BLOCKSIZE 512,
10* GROUP 3 'C:\ORACLE\ORADATA\SALES\REDO03.LOG' SIZE 10M BLOCKSIZE 512
```

SQL> shutdown immediate

ORA-01507: database not mounted

ORACLE instance shut down.

SQL> startup

ORACLE instance started.

Total System Global Area 6731022336 bytes

Fixed Size 2188488 bytes

Variable Size 3506441016 bytes

Database Buffers 3204448256 bytes

Redo Buffers 17944576 bytes

数据库装载完毕。

数据库已经打开。

SQL> i. Alter system set

SQL> Control_files='C:\Oracle\oradata\sales\CONTROL01.ctl','C:\Oracle\flash_recovery_area\sales\CONTROL02.ctl','C:\Oracle\copy\CONTROL03.ctl' scope=spfile;

SP2-0734: 未知的命令开头 "Control_fi..." - 忽略了剩余的行。

SQL> Alter system set

2 Control_files='C:\Oracle\oradata\sales\CONTROL01.ctl','C:\Oracle\flash_recovery_area\sales\CONTROL02.ctl','C:\Oracle\copy\CONTROL03.ctl' scope=spfile;

系统已更改。

SQL> shutdown immediate

数据库已经关闭。

已经卸载数据库。

ORACLE 例程已经关闭。

SQL> startup

ORACLE 例程已经启动。

Total System Global Area 6731022336 bytes

Fixed Size 2188488 bytes

Variable Size 3506441016 bytes

Database Buffers 3204448256 bytes

Redo Buffers 17944576 bytes

数据库装载完毕。

数据库已经打开。

SQL> Select name from v\$controlfile;

2

SQL> Select name from v\$controlfile;

NAME

-----C:\ORACLE\ORADATA\SALES\CONTROL01.CTL

C:\ORACLE\FLASH_RECOVERY_AREA\SALES\CONTROL02.CTL

C:\ORACLE\COPY\CONTROL03.CTL

SQL> Alter database backup controlfile to trace as 'C:\Oracle\temp\CreateControlfile.txt';

数据库已更改。

SQL> shutdown immediate

数据库已经关闭。

已经卸载数据库。

ORACLE 例程已经关闭。

SQL> startup

ORACLE 例程已经启动。

Total System Global Area 6731022336 bytes

Fixed Size 2188488 bytes

Variable Size 3506441016 bytes

Database Buffers 3204448256 bytes

Redo Buffers 17944576 bytes

ORA-00205: ?????????, ??????, ???????

SQL> alter session set nls_language=english;

Session altered.

SQL> alter database mount;

alter database mount

*

ERROR at line 1:

ORA-00205: error in identifying control file, check alert log for more info

SQL> CREATE CONTROLFILE REUSE DATABASE "SALES" NORESETLOGS NOARCHIVELOG

2 MAXLOGFILES 32

3 MAXLOGMEMBERS 2

4 MAXDATAFILES 32

5 MAXINSTANCES 16

6 MAXLOGHISTORY 1752

7 LOGFILE

8 GROUP 1 'C:\ORACLE\ORADATA\SALES\REDO01.LOG' SIZE 10M BLOCKSIZE 512,

9 GROUP 2 'C:\ORACLE\ORADATA\SALES\REDO02.LOG' SIZE 10M BLOCKSIZE 512,

10 GROUP 3 'C:\ORACLE\ORADATA\SALES\REDO03.LOG' SIZE 10M BLOCKSIZE 512

11 DATAFILE

12 'C:\ORACLE\ORADATA\SALES\SYSTEM01.DBF',

13 'C:\ORACLE\ORADATA\SALES\SYS_AUX01.DBF',

14 'C:\ORACLE\ORADATA\SALES\UNDOTBS01.DBF';

Control file created.

SQL> desc scott.emp;

ERROR:

ORA-04043: object scott.emp does not exist

```
SQL> select * from scott.emp;
select * from scott.emp
      *
```

ERROR at line 1:

ORA-01219: database not open: queries allowed on fixed tables/views only

SQL> startup

ORA-01081: cannot start already-running ORACLE - shut it down first

SQL> select * from v\$instance;

INSTANCE_NUMBER INSTANCE_NAME

HOST_NAME

----VERSION STARTUP_TIME STATUS PARALL THREAD# ARCHIVER

LOG_SWITCH_WAIT LOGINS SHUTDO DATABASE_STATUS

INSTANCE_ROLE ACTIVE_STATE BLOCKE

 1 sales

JOHNSON-XPS

11.2.0.1.0 27-MAR-18 MOUNTED NO 1 STOPPED

INSTANCE_NUMBER INSTANCE_NAME

HOST_NAME

----VERSION STARTUP_TIME STATUS PARALL THREAD# ARCHIVER

LOG_SWITCH_WAIT LOGINS SHUTDO DATABASE_STATUS

INSTANCE_ROLE ACTIVE_STATE BLOCKE

 ALLOWED NO ACTIVE

PRIMARY_INSTANCE NORMAL NO

SQL> select status, name from v\$instance;

```
select status, name from v$instance
```

```
*
```

```
ERROR at line 1:
```

```
ORA-00904: "NAME": invalid identifier
```

```
SQL> select status, INSTANCE_NAME from v$instance;
```

```
STATUS          INSTANCE_NAME
```

```
-----
```

```
MOUNTED          sales
```

```
SQL> select * from scott.emp;
```

```
select * from scott.emp
```

```
*
```

```
ERROR at line 1:
```

```
ORA-01219: database not open: queries allowed on fixed tables/views only
```

```
SQL> conn scott/tiger;
```

```
ERROR:
```

```
ORA-01033: ORACLE initialization or shutdown in progress
```

```
进程 ID: 0
```

```
会话 ID: 0 序列号: 0
```

```
Warning: You are no longer connected to ORACLE.
```

```
SQL> conn scott/tiger;
```

```
ERROR:
```

```
ORA-01033: ORACLE initialization or shutdown in progress
```

```
进程 ID: 0
```

```
会话 ID: 0 序列号: 0
```

```
SQL> shutdown immediate
```

```
ORA-01012: not logged on
```

```
SQL> shutdown
```

```
ORA-01012: not logged on
```

```
SQL> startup
```

```
ORA-01031: insufficient privileges
```

```
SQL> conn sys/admin as sysdba
```

```
已连接。
```

```
SQL> select * from scott.emp;
```

```
select * from scott.emp
```

```
*
```

第 1 行出现错误:

ORA-01219: ??????: ??????/?????

```
SQL> alter session set nls_language=english
```

```
2 ;
```

Session altered.

```
SQL> select * from scott.emp;
```

```
select * from scott.emp
```

```
*
```

ERROR at line 1:

ORA-01219: database not open: queries allowed on fixed tables/views only

```
SQL> startup
```

ORA-01081: cannot start already-running ORACLE - shut it down first

```
SQL> shutdown immediate
```

ORA-01109: database not open

Database dismounted.

ORACLE instance shut down.

```
SQL> startup
```

ORACLE instance started.

Total System Global Area 6731022336 bytes

Fixed Size 2188488 bytes

Variable Size 3506441016 bytes

Database Buffers 3204448256 bytes

Redo Buffers 17944576 bytes

数据库装载完毕。

数据库已经打开。

```
SQL> conn sys/admin as sysdba
```

已连接。

```
SQL> select * from scott/emp;
```

```
select * from scott/emp
```

```
*
```

第 1 行出现错误:

ORA-00933: SQL ??????

SQL> select * from scott.emp;

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO
7369	SMITH	CLERK	7902	17-12? -80	800	20	
7499	ALLEN	SALESMAN	7698	20-2? -81	1600	300	30
7521	WARD	SALESMAN	7698	22-2? -81	1250	500	30
7566	JONES	MANAGER	7839	02-4? -81	2975		20
7654	MARTIN	SALESMAN	7698	28-9? -81	1250	1400	30
7698	BLAKE	MANAGER	7839	01-5? -81	2850		30
7782	CLARK	MANAGER	7839	09-6? -81	2450		10
7839	KING	PRESIDENT		17-11? -81	5000	10	
7844	TURNER	SALESMAN	7698	08-9? -81	1500	0	30
7900	JAMES	CLERK	7698	03-12? -81	950	30	
7902	FORD	ANALYST	7566	03-12? -81	3000	20	
7934	MILLER	CLERK	7782	23-1? -82	1300	10	

已选择12行。

SQL> a. Desc v\$log

1* select * from scott.emp. Desc v\$log

SQL> a. Desc v\$log

1* select * from scott.emp. Desc v\$log. Desc v\$log

SQL> Desc v\$log

名称 是否为空? 类型

--- GROUP#	NUMBER
THREAD#	NUMBER
SEQUENCE#	NUMBER
BYTES	NUMBER
BLOCKSIZE	NUMBER
MEMBERS	NUMBER
ARCHIVED	VARCHAR2(3)
STATUS	VARCHAR2(16)
FIRST_CHANGE#	NUMBER
FIRST_TIME	DATE
NEXT_CHANGE#	NUMBER
NEXT_TIME	DATE

```
SQL> select group#, sequence#, status from v$log;
```

GROUP#	SEQUENCE#	STATUS
1	409	INACTIVE
2	410	INACTIVE
3	411	CURRENT

```
SQL> alter system switch logfile;
```

系统已更改。

```
SQL> select group#, sequence#, status from v$log;
```

GROUP#	SEQUENCE#	STATUS
1	412	CURRENT
2	410	INACTIVE
3	411	ACTIVE

```
SQL> alter database add logfile group
  2 ('C:\Oracle\oradata\sales\redo04.log') size 10m
  3 ;
('C:\Oracle\oradata\sales\redo04.log') size 10m
*
```

第 2 行出现错误:

ORA-02177: ???????

```
SQL> alter database add logfile group 4
  2 ('C:\Oracle\oradata\sales\redo04.log') size 10m;
```

数据库已更改。

```
SQL> select group#, sequence#, status from v$log;
```

GROUP#	SEQUENCE#	STATUS
1	412	CURRENT
2	410	INACTIVE
3	411	INACTIVE
4	0	UNUSED

```
SQL> alter database add logfile member
2 'C:\Oracle\oradata\sales\redo04a.log' to group 4;
```

数据库已更改。

```
SQL> select group#, members from v$log;
```

GROUP#	MEMBERS
1	1
2	1
3	1
4	2

```
SQL> alter database drop logfile member
2 '从 Oracle Database 11g Enterprise Edition Release 11.2.0.1.0 - 64bit Production
With the Partitioning, OLAP, Data Mining and Real Application Testing options 断开
```

```
C:\WINDOWS\system32>sqlplus sys/admin as sysdba
```

```
SQL*Plus: Release 11.2.0.1.0 Production on 星期二 3月 27 10:24:48 2018
```

```
Copyright (c) 1982, 2010, Oracle. All rights reserved.
```

连接到:

```
Oracle Database 11g Enterprise Edition Release 11.2.0.1.0 - 64bit Production
With the Partitioning, OLAP, Data Mining and Real Application Testing options
```

```
SQL> alter database drop logfile member
2 'C:\Oracle\oradata\sales\redo04a.log' from group 4;
'C:\Oracle\oradata\sales\redo04a.log' from group 4
```

*

第 2 行出现错误:

```
ORA-00933: SQL ???????
```

```
SQL> alter database drop logfile member
2 'C:\Oracle\oradata\sales\redo04a.log' group 4;
'C:\Oracle\oradata\sales\redo04a.log' group 4
```

*

第 2 行出现错误:

ORA-00933: SQL ???????

```
SQL> alter database drop logfile member
2 'C:\Oracle\oradata\sales\redo04a.log';
```

数据库已更改。

```
SQL> select group#, members from v$log;
```

GROUP#	MEMBERS
1	1
2	1
3	1
4	1

```
SQL> alter database drop logfile group 4;
```

数据库已更改。

```
SQL> alter database drop logfile group 3;
```

数据库已更改。

```
SQL> select group#, sequence#, status from v$log;
```

GROUP#	SEQUENCE#	STATUS
1	412	CURRENT
2	410	INACTIVE

```
SQL> alter system set db_create_online_log_dest_1='C:\Oracle\omf';
alter system set db_create_online_log_dest_1='C:\Oracle\omf'
*
```

第 1 行出现错误:

ORA-02065: ??? ALTER SYSTEM ??

```
SQL> alter session set nls_language=english;
```

Session altered.

```
SQL> alter system set db_create_online_log_dest_1='C:\Oracle\omf';
alter system set db_create_online_log_dest_1='C:\Oracle\omf'
```

*

ERROR at line 1:

ORA-02065: illegal option for ALTER SYSTEM

```
SQL> alter system set db_create_online_log_dest_1='C:\Oracle\omf';
```

System altered.

```
SQL> select group#, member from v$logfile;
```

GROUP#	MEMBER
2	C:\ORACLE\ORADATA\SALES\REDO02.LOG
1	C:\ORACLE\ORADATA\SALES\REDO01.LOG

```
SQL> alter database add logfile;
```

Database altered.

```
SQL> select group#, member from v$logfile;
```

GROUP#	MEMBER
2	C:\ORACLE\ORADATA\SALES\REDO02.LOG
1	C:\ORACLE\ORADATA\SALES\REDO01.LOG
3	C:\ORACLE\OMF\SALES\ONLINELOG\O1_MF_3_FCMCGTCP_.LOG

```
SQL> alter database drop  
2 logfile group 3;
```

Database altered.

```
SQL> archive log list
```

```
Database log mode          No Archive Mode  
Automatic archival        Disabled  
Archive destination        USE_DB_RECOVERY_FILE_DEST  
Oldest online log sequence 410  
Current log sequence       412
```

```
SQL> alter database archivelog;  
alter database archivelog
```

*

ERROR at line 1:

ORA-01126: database must be mounted in this instance and not open in any instance

```
SQL> shutdown immediate
```

Database closed.

Database dismounted.

ORACLE instance shut down.

```
SQL> startup mount
```

ORACLE instance started.

Total System Global Area 6731022336 bytes

Fixed Size 2188488 bytes

Variable Size 3506441016 bytes

Database Buffers 3204448256 bytes

Redo Buffers 17944576 bytes

数据库装载完毕。

```
SQL> alter database archivelog;
```

数据库已更改。

```
SQL> archive log list
```

```
数据库日志模式          存档模式  
自动存档                启用  
存档终点                USE_DB_RECOVERY_FILE_DEST  
最早的联机日志序列      410  
下一个存档日志序列      412
```

当前日志序列 412

```
SQL> alter database noarchivelog;
```

数据库已更改。

```
SQL> archive log list
```

数据库日志模式 非存档模式

自动存档 禁用

存档终点 USE_DB_RECOVERY_FILE_DEST

最早的联机日志序列 410

当前日志序列 412

```
SQL>
```

```
SQL>
```

```
SQL> alter log_archive_dest_1='location='
```

2

```
SQL> archive log list
```

数据库日志模式 非存档模式

自动存档 禁用

存档终点 USE_DB_RECOVERY_FILE_DEST

最早的联机日志序列 410

当前日志序列 412

```
SQL> alter database archivelog;
```

数据库已更改。

```
SQL> alter log_archive_dest_1='location=C:\Oracle\omf\SALES\ARCHIVE';
```

```
alter log_archive_dest_1='location=C:\Oracle\omf\SALES\ARCHIVE'
```

*

第 1 行出现错误:

ORA-00940: ??? ALTER ??

```
SQL> alter log_archive_dest_1='location=C:\Oracle\omf\SALES\ARCHIVE';
```

```
alter log_archive_dest_1='location=C:\Oracle\omf\SALES\ARCHIVE'
```

*

第 1 行出现错误:

ORA-00940: ??? ALTER ??

```
SQL> select group#, member from v$achive
```

2

```
SQL> select group#, member from v$log
```

2

```
SQL> select group#, member from v$log;
select group#, member from v$log
```

*

第 1 行出现错误:

ORA-00904: "MEMBER": ?????

```
SQL> select group#, member from v$logfile;
```

GROUP#

MEMBER

2

C:\ORACLE\ORADATA\SALES\REDO02.LOG

1

C:\ORACLE\ORADATA\SALES\REDO01.LOG

```
SQL> shutdown immediate
```

ORA-01109: ??????

已经卸载数据库。

ORACLE 例程已经关闭。

```
SQL> startup mount
```

ORACLE 例程已经启动。

Total System Global Area 6731022336 bytes

Fixed Size 2188488 bytes

Variable Size 3506441016 bytes

Database Buffers 3204448256 bytes

Redo Buffers 17944576 bytes

数据库装载完毕。

```
SQL>
```

```
SQL> alter database open;
```

```
alter database open
```

*

第 1 行出现错误:

ORA-03113: 通信通道的文件结尾

进程 ID: 10824

会话 ID: 5 序列号: 3

SQL> startup mount

ORA-24324: 未初始化服务句柄

ORA-01041: 内部错误, hostdef 扩展名不存在

SQL> exit

从 Oracle Database 11g Enterprise Edition Release 11.2.0.1.0 - 64bit Production

With the Partitioning, OLAP, Data Mining and Real Application Testing options 断开

C:\WINDOWS\system32>sqlplus sys/admin as sysdba

SQL*Plus: Release 11.2.0.1.0 Production on 星期二 3月 27 10:49:59 2018

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已连接到空闲例程。

SQL> startup mount

ORACLE 例程已经启动。

Total System Global Area 6731022336 bytes

Fixed Size 2188488 bytes

Variable Size 3506441016 bytes

Database Buffers 3204448256 bytes

Redo Buffers 17944576 bytes

数据库装载完毕。

SQL> select member from v\$logfile;

MEMBER

C:\ORACLE\ORADATA\SALES\REDO02.LOG

C:\ORACLE\ORADATA\SALES\REDO01.LOG

SQL> alter database rename file 'C:\ORACLE\ORADATA\SALES\REDO02.LOG' to 'C:\ORACLE\ORADATA\REDO02.LOG';

数据库已更改。

SQL> alter database open;

数据库已更改。

SQL> select group#, status from v\$log;

GROUP# STATUS

1 CURRENT

2 INACTIVE

SQL> select group#, member from v&logfile;

输入 logfile 的值:

原值 1: select group#, member from v&logfile

新值 1: select group#, member from v

select group#, member from v

*

第 1 行出现错误:

ORA-00942: ???????

SQL> select group#, member from v\$logfile;

GROUP#

MEMBER

2

C:\ORACLE\ORADATA\REDO02.LOG

1

C:\ORACLE\ORADATA\SALES\REDO01.LOG

SQL> shutdown immediate

数据库已经关闭。

已经卸载数据库。

ORACLE 例程已经关闭。

SQL> startup mount

ORACLE 例程已经启动。

Total System Global Area 6731022336 bytes

Fixed Size 2188488 bytes

Variable Size 3506441016 bytes

Database Buffers 3204448256 bytes

Redo Buffers 17944576 bytes

数据库装载完毕。

SQL> alter database clear logfile group 1;

```
alter database clear logfile group 1
```

```
*
```

第 1 行出现错误:

```
ORA-00350: ?? 1 (?? sales ???, ?? 1) ????
```

```
ORA-00312: ??? 1 ?? 1: 'C:\ORACLE\ORADATA\SALES\REDO01.LOG'
```

```
SQL> alter session set nls_language=english;
```

Session altered.

```
SQL> alter database clear logfile group 1;
```

```
alter database clear logfile group 1
```

```
*
```

ERROR at line 1:

```
ORA-00350: log 1 of instance sales (thread 1) needs to be archived
```

```
ORA-00312: online log 1 thread 1: 'C:\ORACLE\ORADATA\SALES\REDO01.LOG'
```

```
SQL> recover database until cancel;
```

Media recovery complete.

```
SQL> alter database open;
```

```
alter database open
```

```
*
```

ERROR at line 1:

```
ORA-01589: must use RESETLOGS or NORESETLOGS option for database open
```

```
SQL> alter database open resetlogs;
```

Database altered.

```
SQL> select group#, member from v$logfile;
```

GROUP#

MEMBER

2

C:\ORACLE\ORADATA\REDO02.LOG

1

C:\ORACLE\ORADATA\SALES\REDO01.LOG

SQL> desc archived_log

ERROR:

ORA-04043: object archived_log does not exist

SQL> desc v\$archived_log

Name	Null?	Type

RECID		NUMBER
STAMP		NUMBER
NAME		VARCHAR2(513)
DEST_ID		NUMBER
THREAD#		NUMBER
SEQUENCE#		NUMBER
RESETLOGS_CHANGE#		NUMBER
RESETLOGS_TIME		DATE
RESETLOGS_ID		NUMBER
FIRST_CHANGE#		NUMBER
FIRST_TIME		DATE
NEXT_CHANGE#		NUMBER
NEXT_TIME		DATE
BLOCKS		NUMBER
BLOCK_SIZE		NUMBER
CREATOR		VARCHAR2(7)
REGISTRAR		VARCHAR2(7)
STANDBY_DEST		VARCHAR2(3)
ARCHIVED		VARCHAR2(3)
APPLIED		VARCHAR2(9)
DELETED		VARCHAR2(3)
STATUS		VARCHAR2(1)
COMPLETION_TIME		DATE
DICTIONARY_BEGIN		VARCHAR2(3)
DICTIONARY_END		VARCHAR2(3)
END_OF_REDO		VARCHAR2(3)
BACKUP_COUNT		NUMBER
ARCHIVAL_THREAD#		NUMBER
ACTIVATION#		NUMBER
IS_RECOVERY_DEST_FILE		VARCHAR2(3)
COMPRESSED		VARCHAR2(3)
FAL		VARCHAR2(3)
END_OF_REDO_TYPE		VARCHAR2(10)

BACKED_BY_VSS

VARCHAR2(3)

```
SQL> select * from v$archived_log  
2 ;
```

no rows selected

```
SQL>
```