

# How To Open The Standby Database When The Primary Is Lost

Alejandro Vargas | Principal Support Consultant  
Oracle Advanced Customer Services

## INDEX

Startup Mount.....	2
Check Status.....	2
Recover if you have logs to apply.....	3
Finish the Recovery process.....	4
Activate the Standby Database.....	4
Check the new status.....	4
Open the Database.....	4

ORACLE®

# How To Open The Standby Database When The Primary Is Lost

## Startup Mount

```
[oracle@rac2 ~]$ sqlplus / as sysdba
```

```
SQL*Plus: Release 10.2.0.3.0 - Production on Wed Feb 4 19:51:12 2009
```

```
Copyright (c) 1982, 2006, Oracle. All Rights Reserved.
```

```
Connected to an idle instance.
```

```
SQL> STARTUP MOUNT
```

```
ORACLE instance started.
```

```
Total System Global Area  218103808 bytes
Fixed Size                  1260984 bytes
Variable Size               184549960 bytes
Database Buffers           29360128 bytes
Redo Buffers                2932736 bytes
Database mounted.
```

## Check Status

```
SQL> SELECT OPEN_MODE,PROTECTION_MODE,DATABASE_ROLE FROM V$DATABASE;
```

OPEN_MODE	PROTECTION_MODE	DATABASE_ROLE
MOUNTED	MAXIMUM PERFORMANCE	PHYSICAL STANDBY

# How To Open The Standby Database When The Primary Is Lost

## ***Recover if you have logs to apply***

***In this example the primary is lost and I don't have more archived logs to apply:***

```
SQL> RECOVER STANDBY DATABASE;
```

```
ORA-00279: change 794348 generated at 12/29/2008 12:23:02 needed for thread 1
```

```
ORA-00289: suggestion :
```

```
/u01/app/oracle/oradata/dgfdb/archive/1_49_633452428.dbf
```

```
ORA-00280: change 794348 for thread 1 is in sequence #49
```

```
Specify log: {<RET>=suggested | filename | AUTO | CANCEL}
```

```
ORA-00308: cannot open archived log
```

```
'/u01/app/oracle/oradata/dgfdb/archive/1_49_633452428.dbf'
```

```
ORA-27037: unable to obtain file status
```

```
Linux Error: 2: No such file or directory
```

```
Additional information: 3
```

```
SQL> !ls -l /u01/app/oracle/oradata/dgfdb/archive/
```

```
total 31072
```

```
-rw-r----- 1 oracle oinstall 1158656 Dec 29 11:31 1_37_633452428.dbf
-rw-r----- 1 oracle oinstall 7385600 Dec 29 11:31 1_38_633452428.dbf
-rw-r----- 1 oracle oinstall 4941824 Dec 29 11:31 1_39_633452428.dbf
-rw-r----- 1 oracle oinstall 13739008 Dec 29 11:31 1_40_633452428.dbf
-rw-r----- 1 oracle oinstall 2272256 Dec 29 11:50 1_41_633452428.dbf
-rw-r----- 1 oracle oinstall 1024 Dec 29 11:51 1_42_633452428.dbf
-rw-r----- 1 oracle oinstall 89088 Dec 29 11:51 1_43_633452428.dbf
-rw-r----- 1 oracle oinstall 1847296 Dec 29 12:18 1_44_633452428.dbf
-rw-r----- 1 oracle oinstall 135680 Dec 29 12:18 1_45_633452428.dbf
-rw-r----- 1 oracle oinstall 67584 Dec 29 12:19 1_46_633452428.dbf
```

**ORACLE®**

# How To Open The Standby Database When The Primary Is Lost

```
-rw-r----- 1 oracle oinstall 34816 Dec 29 12:22 1_47_633452428.dbf
-rw-r----- 1 oracle oinstall 2048 Dec 29 12:22 1_48_633452428.dbf
```

## ***Finish the Recovery process***

```
SQL> ALTER DATABASE RECOVER MANAGED STANDBY DATABASE FINISH;
```

Database altered.

## ***Activate the Standby Database***

```
SQL> ALTER DATABASE ACTIVATE PHYSICAL STANDBY DATABASE;
```

Database altered.

## ***Check the new status***

```
SQL> SELECT OPEN_MODE,PROTECTION_MODE,DATABASE_ROLE FROM V$DATABASE;
```

OPEN_MODE	PROTECTION_MODE	DATABASE_ROLE
-----	-----	-----
MOUNTED	MAXIMUM PERFORMANCE	PRIMARY

## ***Open the Database***

```
SQL> ALTER DATABASE OPEN;
```

ORACLE®

# How To Open The Standby Database When The Primary Is Lost

Database altered.

```
SQL> SELECT OPEN_MODE,PROTECTION_MODE,DATABASE_ROLE FROM V$DATABASE;
```

OPEN_MODE	PROTECTION_MODE	DATABASE_ROLE
READ WRITE	MAXIMUM PERFORMANCE	PRIMARY