



# 티베로 백업

태그



## 백업의 종류

- 논리적인 백업 : 데이터베이스의 논리적인 단위 백업 (Table, Index, Constraint, sequence)
- 물리적인 백업 : 데이터베이스를 구성하는 파일을 운영체제 레벨에서 COPY 명령으로 백업 datafile, controlfile, archive logfile 등
- 

```
[tibero@T1:/tibero/tibero6/tbdata]$ ls -al
total 51200
drwxr-xr-x  2 tibero dba      29 Dec  2 16:44 .
drwxr-xr-x 12 tibero dba     143 Dec  3 17:42 ..
-rw-----  1 tibero dba 52428800 Dec  6 14:38 my_file1202.dtf
[tibero@T1:/tibero/tibero6/tbdata]$ rlrwrap tbsql sys/tibero

tbsQL 6

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Connected to Tibero.

SQL> ALTER DATABASE BACKUP CONTROLFILE TO TRACE
      2 AS '/tibero/tibero6/tbdata/1206control_log01.log' REUSE NORESETLOGS;
TBR-7001: General syntax error.
at line 1, column 23 of null:
ALTER DATABASE BACKUP CONTROLFILE TO TRACE
      ^^^^^^^^^^^^^^

SQL> ALTER DATABASE BACKUP CONTROLFILE TO TRACE
      2 AS '/tibero/tibero6/tbdata/1206control_log01.log' REUSE NORESETLOGS;

Database altered.

SQL> q
Disconnected.
[tibero@T1:/tibero/tibero6/tbdata]$ ls -al
total 51204
drwxr-xr-x  2 tibero dba      58 Dec  6 14:44 .
drwxr-xr-x 12 tibero dba     143 Dec  3 17:42 ..
-rw-r--r--  1 tibero dba     1407 Dec  6 14:44 1206control_log01.log
-rw-----  1 tibero dba 52428800 Dec  6 14:38 my_file1202.dtf
[tibero@T1:/tibero/tibero6/tbdata]$ cat 1206control_log01.log
CREATE CONTROLFILE REUSE DATABASE "tibero"
LOGFILE
GROUP 0 '/tibero/tbdata/log01.log' SIZE 50M,
GROUP 1 '/tibero/tbdata/log11.log' SIZE 50M,
GROUP 2 '/tibero/tbdata/log21.log' SIZE 50M,
GROUP 4 (
    '/tibero/tbdata/redo41.log',
    '/tibero/tbdata/redo42.log',
    '/tibero/tbdata/redo43.log'
) SIZE 512K
NORESETLOGS
DATAFILE
    '/tibero/tbdata/system001.dtf',
    '/tibero/tbdata/undo001.dtf',
    '/tibero/tbdata/usr001.dtf',
    '/tibero/tbdata/syssub001.dtf',
    '/tibero/tibero6/tbdata/my_file1202.dtf',
    '/tibero/tbdata/TBS_EDU1_01.dtf',
    '/tibero/tbdata/TBS_EDU1_02.dtf',
    '/tibero/tbdata/TBS_EDU2_02.dtf',
    '/tibero/tbdata/TBS_EDU2_03.dtf',
    '/tibero/tbdata/my_file1203.dtf',
    '/tibero/tbdata/my_file1203_2.dtf'
ARCHIVELOG
MAXLOGFILES 100
MAXLOGMEMBERS 8
MAXDATAFILES 256
```

```

MAXARCHIVELOG 500
MAXBACKUPSET 500
MAXLOGHISTORY 500
CHARACTER SET UTF8
NATIONAL CHARACTER SET UTF16
;

---- Recovery is required in MOUNT mode.
--ALTER DATABASE RECOVER AUTOMATIC;

--ALTER DATABASE OPEN ;

---- Adding Tempfiles is required in OPEN mode.
-- ALTER TABLESPACE TEMP ADD TEMPFILE '/tiberio/tbdata/temp001.dtf'
-- SIZE 100M REUSE AUTOEXTEND ON NEXT 64M MAXSIZE 3G;
-- ALTER TABLESPACE TEMP1 ADD TEMPFILE '/tiberio/tbdata/TEMP1_02.dtf'
-- SIZE 10M REUSE AUTOEXTEND ON NEXT 128K MAXSIZE 32G;
-- ALTER TABLESPACE TEMP1 ADD TEMPFILE '/tiberio/tbdata/TEMP1_01.dtf'
-- SIZE 10M REUSE AUTOEXTEND ON NEXT 640K MAXSIZE 32G;
[tiberio@T1:/tiberio/tibero6/tbdata]$

```

```

[tiberio@T1:/tiberio/tibero6/tbdata]$ ls -al
total 51200
drwxr-xr-x  2 tiberio dba      29 Dec  2 16:44 .
drwxr-xr-x 12 tiberio dba     143 Dec  3 17:42 ..
-rw-----  1 tiberio dba 52428800 Dec  6 14:38 my_file1202.dtf
[tiberio@T1:/tiberio/tibero6/tbdata]$ rlwrap tbsql sys/tibero

```

```

SQL> ALTER DATABASE BACKUP CONTROLFILE TO TRACE
      2 AS '/tiberio/tibero6/tbdata/1206control_log01.log' REUSE NORESETLOGS;

```

Database altered.

```

SQL> q
Disconnected.
[tiberio@T1:/tiberio/tibero6/tbdata]$ ls -al
total 51204
drwxr-xr-x  2 tiberio dba      58 Dec  6 14:44 .
drwxr-xr-x 12 tiberio dba     143 Dec  3 17:42 ..
-rw-r--r--  1 tiberio dba    1407 Dec  6 14:44 1206control_log01.log
-rw-----  1 tiberio dba 52428800 Dec  6 14:38 my_file1202.dtf

```

```

CREATE CONTROLFILE REUSE DATABASE "tiberio"
LOGFILE
GROUP 0 '/tiberio/tbdata/log01.log' SIZE 50M,
GROUP 1 '/tiberio/tbdata/log11.log' SIZE 50M,
GROUP 2 '/tiberio/tbdata/log21.log' SIZE 50M,
GROUP 4 (
    '/tiberio/tbdata/redo41.log',
    '/tiberio/tbdata/redo42.log',
    '/tiberio/tbdata/redo43.log'
) SIZE 512K
NORESETLOGS
DATAFILE
    '/tiberio/tbdata/system001.dtf',
    '/tiberio/tbdata/undo001.dtf',
    '/tiberio/tbdata/usr001.dtf',
    '/tiberio/tbdata/syssub001.dtf',
    '/tiberio/tibero6/tbdata/my_file1202.dtf',
    '/tiberio/tbdata/TBS_EDU1_01.dtf',
    '/tiberio/tbdata/TBS_EDU1_02.dtf',
    '/tiberio/tbdata/TBS_EDU2_02.dtf',
    '/tiberio/tbdata/TBS_EDU2_03.dtf',
    '/tiberio/tbdata/my_file1203.dtf',

```

```

        '/tibero/tbdata/my_file1203.dtf',
        '/tibero/tbdata/my_file1203_2.dtf'
ARCHIVELOG
MAXLOGFILES 100
MAXLOGMEMBERS 8
MAXDATAFILES 256
MAXARCHIVELOG 500
MAXBACKUPSET 500
MAXLOGHISTORY 500
CHARACTER SET UTF8
NATIONAL CHARACTER SET UTF16
;

---- Recovery is required in MOUNT mode.
--ALTER DATABASE RECOVER AUTOMATIC;

--ALTER DATABASE OPEN ;

---- Adding Tempfiles is required in OPEN mode.
-- ALTER TABLESPACE TEMP ADD TEMPFILE '/tibero/tbdata/temp001.dtf'
--     SIZE 100M REUSE AUTOEXTEND ON NEXT 64M MAXSIZE 3G;
-- ALTER TABLESPACE TEMP1 ADD TEMPFILE '/tibero/tbdata/TEMP1_02.dtf'
--     SIZE 10M REUSE AUTOEXTEND ON NEXT 128K MAXSIZE 32G;
-- ALTER TABLESPACE TEMP1 ADD TEMPFILE '/tibero/tbdata/TEMP1_01.dtf'
--     SIZE 10M REUSE AUTOEXTEND ON NEXT 640K MAXSIZE 32G;

```



오류 TBR-24022: Duplicate log file ID 4 exists.

```

SQL> ALTER DATABASE ADD LOGFILE
      2 GROUP 4('/tibero/tibero6/tbdata/redo1206.log', '/tibero/tibero6/tbdata/redo1206_2log') SIZE 10m;
TBR-24022: Duplicate log file ID 4 exists.

SQL>
SQL> ALTER DATABASE ADD LOGFILE
      2 GROUP 1206('/tibero/tibero6/tbdata/redo1206.log', '/tibero/tibero6/tbdata/redo1206_2log') SIZE 10m;
TBR-24020: No such logfile ID 1206.

SQL> ALTER DATABASE ADD LOGFILE
      2 GROUP 6('/tibero/tibero6/tbdata/redo1206.log', '/tibero/tibero6/tbdata/redo1206_2log') SIZE 10m;
Database altered.

SQL> ALTER DATABASE ADD LOGFILE MEMBER '/tibero/tibero6/tbdata/redo1206_3.log' TO GROUP 6;
Database altered.

```

```

SQL> SELECT * FROM V$ARCHIVE_DEST_FILES;

NAME
-----
THREAD# SEQUENCE# FIRST_CHANGE#
-----
FIRST_TIME                                NEXT_CHANGE#
-----
RESETLOGS_CHANGE#
RESETLOGS_TIME
-----
/tibero/tibero6/database/tibero/archive/log-t0-r0-s2.arc
      0          2          36525
2022/11/28                                54145
      0

```

```
SQL> SELECT * FROM V$ARCHIVE_DEST_FILES;
```

| NAME   |
|--|
| -----  |
| THREAD# SEQUENCE# FIRST_CHANGE#                          |
| -----  |
| FIRST_TIME   |
| -----  |
| RESETLOGS_CHANGE#  |
| -----  |
| RESETLOGS_TIME   |
| -----  |
| /tibero/tibero6/database/tibero/archive/log-t0-r0-s2.arc |
| 0 2 36525  |
| 2022/11/28   |
| 0 54145  |

```
SQL> SELECT NAME FROM V$DATAFILE;
```

```
NAME
-----
/tibero/tbdata/system001.dtf
/tibero/tbdata/undo001.dtf
/tibero/tbdata/usr001.dtf
/tibero/tbdata/syssub001.dtf
/tibero/tibero6/tbdata/my_file
1202.dtf

/tibero/tbdata/TBS_EDU1_01.dtf
/tibero/tbdata/TBS_EDU1_02.dtf
/tibero/tbdata/TBS_EDU2_02.dtf
/tibero/tbdata/TBS_EDU2_03.dtf
/tibero/tbdata/my_file1203.dtf
/tibero/tbdata/my_file1203_2.d
tf
```

```
11 rows selected.
```

```
SQL> SELECT * FROM V$LOGFILE;
```

| GROUP# | STATUS | TYPE  | MEMBER                                |
|--------|--------|-------|---------------------------------------|
| -----  | -----  | ----- | -----                                 |
| 0      | ONLINE |       | /tibero/tbdata/log01.log              |
| 1      | ONLINE |       | /tibero/tbdata/log11.log              |
| 2      | ONLINE |       | /tibero/tbdata/log21.log              |
| 4      | ONLINE |       | /tibero/tbdata/redo41.log             |
| 4      | ONLINE |       | /tibero/tbdata/redo42.log             |
| 4      | ONLINE |       | /tibero/tbdata/redo43.log             |
| 6      | ONLINE |       | /tibero/tibero6/tbdata/redo1206.log   |
| 6      | ONLINE |       | /tibero/tibero6/tbdata/redo1206_2log  |
| 6      | ONLINE |       | /tibero/tibero6/tbdata/redo1206_3.log |

```
9 rows selected.
```

```
SQL> SELECT NAME FROM V$DATAFILE;
```

```
NAME
```

```
-----  
/tiberio/tbdata/system001.dtf  
/tiberio/tbdata/undo001.dtf  
/tiberio/tbdata/usr001.dtf  
/tiberio/tbdata/syssub001.dtf  
/tiberio/tibero6/tbdata/my_file  
1202.dtf
```

```
/tiberio/tbdata/TBS_EDU1_01.dtf  
/tiberio/tbdata/TBS_EDU1_02.dtf  
/tiberio/tbdata/TBS_EDU2_02.dtf  
/tiberio/tbdata/TBS_EDU2_03.dtf  
/tiberio/tbdata/my_file1203.dtf  
/tiberio/tbdata/my_file1203_2.d  
tf
```

```
11 rows selected.
```

```
SQL> SELECT * FROM V$LOGFILE;
```

```
GROUP# STATUS TYPE MEMBER
```

```
-----  
-----  
0 ONLINE /tiberio/tbdata/log01.log  
1 ONLINE /tiberio/tbdata/log11.log  
2 ONLINE /tiberio/tbdata/log21.log  
4 ONLINE /tiberio/tbdata/redo41.log  
4 ONLINE /tiberio/tbdata/redo42.log  
4 ONLINE /tiberio/tbdata/redo43.log  
6 ONLINE /tiberio/tibero6/tbdata/redo1206.log  
6 ONLINE /tiberio/tibero6/tbdata/redo1206_2log  
6 ONLINE /tiberio/tibero6/tbdata/redo1206_3.log
```

```
9 rows selected.
```



오류 TBR-1012: Log file group mismatch: GROUP 3 <> 4 (/tiberio/tbdata/redo31.log)

## 1206 21:13 putty 기록

```
* Critical Warning : Raise svmode failed. The reason is  
* TBR-24006 : Unable to load controlfile control file is invalid.  
* Current server mode is NOMOUNT.
```

```
login as: tiberio  
tiberio@192.168.56.241's password:  
Last login: Tue Dec 6 22:36:55 2022 from 192.168.56.1  
[tiberio@T1:/home/tiberio]$ ps -ef | grep tbsvr  
tiberio 4296 4211 0 22:49 pts/0 00:00:00 grep --color=auto tbsvr  
[tiberio@T1:/home/tiberio]$ tboot  
Change core dump dir to /tiberio/tibero6/bin/prof.
```

```

Listener port = 8629

*****
* Critical Warning : Raise svmode failed. The reason is
*   TBR-24006 : Unable to load controlfile control file is invalid.
*   Current server mode is NOMOUNT.
*****

Tibero 6

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Tibero instance started suspended at NOMOUNT mode.
[tibero@T1:/home/tibero]$ ^C
[tibero@T1:/home/tibero]$ tbsql sys/tibero

tbSQL 6

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Connected to Tibero.

SQL> @ctl_backup.sql
TBS-70002: Failed to open the file 'ctl_backup.sql': No such file or directory.

SQL> q
Disconnected.
[tibero@T1:/home/tibero]$ which ctl_backup.sql
/usr/bin/which: no ctl_backup.sql in (./tibero/tibero6/bin:/tibero/tibero6/client/bin:/home/tibero/tbinary/monitor:/usr/java/default/bin:/usr/lib64/qt-3.3/bin:/usr/local/bin:/usr/bin:/usr/local/sbin:/usr/sbin:/home/tibero/.local/bin:/home/tibero/bin)
[tibero@T1:/home/tibero]$ tbsql sys/tibero

tbSQL 6

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Connected to Tibero.

SQL> ALTER DATABASE RECOVER DATABASE UNTIL CANCEL;
TBS-70004: This DDL statement is not permitted in the current boot mode.

SQL> q
Disconnected.
[tibero@T1:/home/tibero]$ tbdowm

Tibero instance terminated (NORMAL mode).

[tibero@T1:/home/tibero]$ tboot resetlogs
Change core dump dir to /tibero/tibero6/bin/prof.
Listener port = 8629

*****
* Critical Warning : Raise svmode failed. The reason is
*   TBR-24006 : Unable to load controlfile control file is invalid.
*   Current server mode is NOMOUNT.
*****

Tibero 6

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Tibero instance started suspended at NOMOUNT mode.
[tibero@T1:/home/tibero]$ q
bash: q: command not found...
[tibero@T1:/home/tibero]$ ls -al
total 76
drwx-----. 12 tibero dba 4096 Dec 6 21:00 .
drwxr-xr-x. 7 root root 73 Feb 12 2018 ..
-rw-r--r-- 1 tibero dba 4 Aug 12 18:24 a
-rw-----. 1 tibero dba 3249 Dec 6 22:48 .bash_history
-rw-r--r-- 1 tibero dba 18 Aug 3 2016 .bash_logout
-rw-r--r-- 1 tibero dba 1277 Nov 21 17:22 .bash_profile
-rw-r--r-- 1 tibero dba 231 Aug 3 2016 .bashrc
drwx-----. 11 tibero dba 267 Apr 4 2017 .cache
-rwxrwxrwx 1 tibero dba 2124 Apr 6 2017 .com.zerog.registry.xml
drwxr-xr-x. 15 tibero dba 276 Feb 16 2017 .config
-rw-----. 1 tibero dba 16 Feb 16 2017 .esd_auth
-rw-----. 1 tibero dba 6204 Apr 4 2017 .ICEauthority
drwxrwxr-x 2 tibero dba 6 Apr 6 2017 .InstallAnywhere
drwx-----. 3 tibero dba 19 Feb 16 2017 .local
drwxr-xr-x 2 tibero dba 6 Nov 21 15:37 minyerin
drwxr-xr-x. 5 tibero dba 54 Mar 2 2017 .mozilla
drwxr-xr-x 2 tibero dba 40 Mar 6 2017 .oracle_jre_usage
drwxr----- 3 tibero dba 19 Jan 30 2018 .pki
drwx----- 2 tibero dba 25 May 23 2017 .ssh
-rwxr--r-- 1 tibero dba 64 Feb 19 2019 start_db.sh
-rwxr--r-- 1 tibero dba 74 Feb 19 2019 stop_db.sh

```

```

-rw----- 1 tiberio dba 10259 Dec 6 22:48 .tbsql_history
-rwxr--r-- 1 tiberio dba 74 Feb 19 2019 tool_tbsql
drwxr-xr-x 2 tiberio dba 24 Feb 18 2019 .vim
-rw----- 1 tiberio dba 9801 Dec 6 21:00 .viminfo
-rw----- 1 tiberio dba 0 Apr 4 2017 .Xauthority
[tiberio@T1:/home/tiberio]$ cd /tiberio/tibero6
[tiberio@T1:/tiberio/tibero6]$ ls -al
total 8
drwxr-xr-x 13 tiberio dba 157 Dec 6 15:18 .
drwxrwxr-x. 6 tiberio dba 149 Dec 5 17:11 ..
drwxr-xr-x 3 tiberio dba 200 Dec 6 21:12 backup
drwxr-xr-x 4 tiberio dba 4096 Dec 6 20:25 bin
drwxr-xr-x 10 tiberio dba 105 Nov 21 17:21 client
drwxr-xr-x 2 tiberio dba 208 Dec 5 17:15 config
drwxr-xr-x 3 tiberio dba 48 Dec 6 20:24 database
drwxr-xr-x 3 tiberio dba 20 Nov 21 17:27 instance
drwxr-xr-x 3 tiberio dba 250 Nov 21 17:21 lib
drwxr-xr-x 3 tiberio dba 45 Nov 21 17:23 license
drwxr-xr-x 3 tiberio dba 22 Nov 21 17:21 nls
drwxr-xr-x 3 tiberio dba 4096 Nov 21 17:28 scripts
drwxr-xr-x 2 tiberio dba 135 Dec 6 20:21 tbddata
[tiberio@T1:/tiberio/tibero6]$ cd backup
[tiberio@T1:/tiberio/tibero6/backup]$ ls -al
total 104216
drwxr-xr-x 3 tiberio dba 200 Dec 6 21:12 .
drwxr-xr-x 13 tiberio dba 157 Dec 6 15:18 ..
-rw-r--r-- 1 tiberio dba 1407 Dec 6 15:19 1206control_log01.log
-rw----- 1 tiberio dba 22822912 Dec 6 20:22 c1.ctl
-rw-r--r-- 1 tiberio dba 962 Dec 6 21:00 create_controlfile.sql
-rw----- 1 tiberio dba 52428800 Dec 6 15:19 my_file1202.dtf
-rw----- 1 tiberio dba 10485760 Dec 6 15:19 redo1206_2log
-rw----- 1 tiberio dba 10485760 Dec 6 15:19 redo1206_3.log
-rw----- 1 tiberio dba 10485760 Dec 6 15:19 redo1206.log
drwxr-xr-x 2 tiberio dba 6 Dec 6 15:20 tiberio
-rw-r--r-- 1 tiberio dba 0 Dec 6 21:12 xz
-rw-r--r-- 1 tiberio dba 0 Dec 6 21:12 ?xz
[tiberio@T1:/tiberio/tibero6/backup]$ cd tiberio
[tiberio@T1:/tiberio/tibero6/backup/tiberio]$ ls -al
total 0
drwxr-xr-x 2 tiberio dba 6 Dec 6 15:20 .
drwxr-xr-x 3 tiberio dba 200 Dec 6 21:12 ..
[tiberio@T1:/tiberio/tibero6/backup/tiberio]$ cd ..
[tiberio@T1:/tiberio/tibero6/backup]$ cd ..
[tiberio@T1:/tiberio/tibero6]$ ls -al
total 8
drwxr-xr-x 13 tiberio dba 157 Dec 6 15:18 .
drwxrwxr-x. 6 tiberio dba 149 Dec 5 17:11 ..
drwxr-xr-x 3 tiberio dba 200 Dec 6 21:12 backup
drwxr-xr-x 4 tiberio dba 4096 Dec 6 20:25 bin
drwxr-xr-x 10 tiberio dba 105 Nov 21 17:21 client
drwxr-xr-x 2 tiberio dba 208 Dec 5 17:15 config
drwxr-xr-x 3 tiberio dba 48 Dec 6 20:24 database
drwxr-xr-x 3 tiberio dba 20 Nov 21 17:27 instance
drwxr-xr-x 3 tiberio dba 250 Nov 21 17:21 lib
drwxr-xr-x 3 tiberio dba 45 Nov 21 17:23 license
drwxr-xr-x 3 tiberio dba 22 Nov 21 17:21 nls
drwxr-xr-x 3 tiberio dba 4096 Nov 21 17:28 scripts
drwxr-xr-x 2 tiberio dba 135 Dec 6 20:21 tbddata
[tiberio@T1:/tiberio/tibero6]$ cd tbddata
[tiberio@T1:/tiberio/tibero6/tbddata]$ ls -al
total 104212
drwxr-xr-x 2 tiberio dba 135 Dec 6 20:21 .
drwxr-xr-x 13 tiberio dba 157 Dec 6 15:18 ..
-rw-r--r-- 1 tiberio dba 1407 Dec 6 14:44 1206control_log01.log
-rw----- 1 tiberio dba 22822912 Dec 6 20:21 c1.ctl
-rw----- 1 tiberio dba 52428800 Dec 6 20:51 my_file1202.dtf
-rw----- 1 tiberio dba 10485760 Dec 6 20:32 redo1206_2log
-rw----- 1 tiberio dba 10485760 Dec 6 20:32 redo1206_3.log
-rw----- 1 tiberio dba 10485760 Dec 6 20:32 redo1206.log
[tiberio@T1:/tiberio/tibero6/tbddata]$ cd /tiberio
[tiberio@T1:/tiberio]$ ls -al
total 460692
drwxrwxr-x. 6 tiberio dba 149 Dec 5 17:11 .
dr-xr-xr-x. 21 root root 4096 Aug 12 18:32 ..
-rw-r--r-- 1 tiberio dba 783 Nov 21 17:27 cre_db.sql
drwxr-xr-x 2 tiberio dba 6 Nov 21 15:56 mina
lrwxrwxrwx 1 tiberio dba 11 Jan 17 2019 s -> /media/sf_s
drwxr-xr-x 4 tiberio dba 4096 Dec 6 21:07 tbddata
drwxr-xr-x 2 tiberio dba 55 Dec 5 17:19 test
drwxr-xr-x 13 tiberio dba 157 Dec 6 15:18 tibero6
-rwxr-x-- 1 tiberio dba 471734706 Nov 21 17:20 tibero6-bin-FS07_CS_2005-linux64_3.10-199301-opt.tar.gz
[tiberio@T1:/tiberio]$ cd tbddata
[tiberio@T1:/tiberio/tbddata]$ ls -al
total 1335872
drwxr-xr-x 4 tiberio dba 4096 Dec 6 21:07 .
drwxrwxr-x. 6 tiberio dba 149 Dec 5 17:11 ..

```

```

drwxr-xr-x 2 tiberio dba      6 Dec  6 20:16 bak
-rw----- 1 tiberio dba    23150592 Dec  6 21:08 c1.ctl
drwx----- 2 tiberio dba      70 Nov 21 17:29 java
-rw----- 1 tiberio dba    52428800 Dec  6 20:32 log01.log
-rw----- 1 tiberio dba    52428800 Dec  6 21:02 log02.log
-rw----- 1 tiberio dba    52428800 Dec  6 20:32 log11.log
-rw----- 1 tiberio dba    52428800 Dec  6 21:02 log12.log
-rw----- 1 tiberio dba    52428800 Dec  6 20:51 log21.log
-rw----- 1 tiberio dba    52428800 Dec  6 21:03 log22.log
-rw----- 1 tiberio dba    52428800 Dec  6 21:03 log31.log
-rw----- 1 tiberio dba    52428800 Dec  6 21:04 log32.log
-rw----- 1 tiberio dba    104857600 Dec  6 21:06 my_file001.dtf
-rw----- 1 tiberio dba    104857600 Dec  6 21:06 my_file002.dtf
-rw----- 1 tiberio dba    209715200 Dec  6 20:51 my_file1203_2.dtf
-rw----- 1 tiberio dba    104857600 Dec  6 20:51 my_file1203.dtf
-r----- 1 tiberio dba      24 Nov 21 17:27 .passwd
-rw----- 1 tiberio dba     524288 Dec  6 21:07 redo31.log
-rw----- 1 tiberio dba     524288 Dec  6 21:07 redo32.log
-rw----- 1 tiberio dba     524288 Dec  6 20:32 redo41.log
-rw----- 1 tiberio dba     524288 Dec  6 20:32 redo42.log
-rw----- 1 tiberio dba     524288 Dec  6 20:32 redo43.log
-rw----- 1 tiberio dba    52428800 Dec  6 20:51 syssub001.dtf
-rw----- 1 tiberio dba    104857600 Dec  6 20:51 system001.dtf
-rw----- 1 tiberio dba    104857600 Dec  6 20:51 TBS_EDU1_01.dtf
-rw----- 1 tiberio dba    104857600 Dec  6 20:51 TBS_EDU1_02.dtf
-rw----- 1 tiberio dba    104857600 Dec  6 20:51 TBS_EDU2_02.dtf
-rw----- 1 tiberio dba    104857600 Dec  6 20:51 TBS_EDU2_03.dtf
-rw----- 1 tiberio dba    104857600 Nov 28 15:13 temp001.dtf
-rw----- 1 tiberio dba    104857600 Dec  2 18:56 TEMP1_01.dtf
-rw----- 1 tiberio dba    104857600 Dec  2 18:56 TEMP1_02.dtf
-rw----- 1 tiberio dba    209715200 Dec  6 20:51 undo001.dtf
-rw----- 1 tiberio dba    52428800 Dec  6 20:51 usr001.dtf
[tiberio@T1:/tiberio/tbdata]$ rm back
rm: cannot remove 'back': No such file or directory
[tiberio@T1:/tiberio/tbdata]$ rmdir back
rmdir: failed to remove 'back': No such file or directory
[tiberio@T1:/tiberio/tbdata]$ rm bak
rm: cannot remove 'bak': Is a directory
[tiberio@T1:/tiberio/tbdata]$ rmdir bak
[tiberio@T1:/tiberio/tbdata]$ rm log01.log
[tiberio@T1:/tiberio/tbdata]$ rm log02.log
[tiberio@T1:/tiberio/tbdata]$ rm log11.log
[tiberio@T1:/tiberio/tbdata]$ rm log12.log
[tiberio@T1:/tiberio/tbdata]$ rm log21.log
[tiberio@T1:/tiberio/tbdata]$ rm log22.log
[tiberio@T1:/tiberio/tbdata]$ rm log31.log
[tiberio@T1:/tiberio/tbdata]$ rm log32.log
[tiberio@T1:/tiberio/tbdata]$ rm my_file001.dtf
[tiberio@T1:/tiberio/tbdata]$ rm my_file002.dtf
[tiberio@T1:/tiberio/tbdata]$ rm my_file1203_2.dtf
[tiberio@T1:/tiberio/tbdata]$ rm my_file1203.dtf
[tiberio@T1:/tiberio/tbdata]$ ls -al
total 598592
drwxr-xr-x 3 tiberio dba      4096 Dec  6 22:57 .
drwxrwxr-x. 6 tiberio dba     149 Dec  5 17:11 ..
-rw----- 1 tiberio dba    23150592 Dec  6 21:08 c1.ctl
drwx----- 2 tiberio dba      70 Nov 21 17:29 java
-r----- 1 tiberio dba      24 Nov 21 17:27 .passwd
-rw----- 1 tiberio dba     524288 Dec  6 21:07 redo31.log
-rw----- 1 tiberio dba     524288 Dec  6 21:07 redo32.log
-rw----- 1 tiberio dba     524288 Dec  6 20:32 redo41.log
-rw----- 1 tiberio dba     524288 Dec  6 20:32 redo42.log
-rw----- 1 tiberio dba     524288 Dec  6 20:32 redo43.log
-rw----- 1 tiberio dba    52428800 Dec  6 20:51 syssub001.dtf
-rw----- 1 tiberio dba    104857600 Dec  6 20:51 system001.dtf
-rw----- 1 tiberio dba    104857600 Dec  6 20:51 TBS_EDU1_01.dtf
-rw----- 1 tiberio dba    104857600 Dec  6 20:51 TBS_EDU1_02.dtf
-rw----- 1 tiberio dba    104857600 Dec  6 20:51 TBS_EDU2_02.dtf
-rw----- 1 tiberio dba    104857600 Dec  6 20:51 TBS_EDU2_03.dtf
-rw----- 1 tiberio dba    104857600 Nov 28 15:13 temp001.dtf
-rw----- 1 tiberio dba    104857600 Dec  2 18:56 TEMP1_01.dtf
-rw----- 1 tiberio dba    104857600 Dec  2 18:56 TEMP1_02.dtf
-rw----- 1 tiberio dba    209715200 Dec  6 20:51 undo001.dtf
-rw----- 1 tiberio dba    52428800 Dec  6 20:51 usr001.dtf
[tiberio@T1:/tiberio/tbdata]$ rm redo31.log
[tiberio@T1:/tiberio/tbdata]$ rm redo32.log
[tiberio@T1:/tiberio/tbdata]$ rm c1.ctl
[tiberio@T1:/tiberio/tbdata]$ rm redo41.log
[tiberio@T1:/tiberio/tbdata]$ rm redo42.log
[tiberio@T1:/tiberio/tbdata]$ rm redo43.log
[tiberio@T1:/tiberio/tbdata]$ rm syssub001.dtf
[tiberio@T1:/tiberio/tbdata]$ rm TBS_EDU1_01.dtf
[tiberio@T1:/tiberio/tbdata]$ rm *.dtf
[tiberio@T1:/tiberio/tbdata]$ ls -al
total 4
drwxr-xr-x 3 tiberio dba     33 Dec  6 22:58 .
drwxrwxr-x. 6 tiberio dba    149 Dec  5 17:11 ..

```



```

drwx----- 2 tiberio dba 70 Nov 21 17:29 java
-r----- 1 tiberio dba 24 Nov 21 17:27 .passwd
[tiberio@T1:/tiberio/tbdata]$ cd /tiberio/tibero6/backup
[tiberio@T1:/tiberio/tibero6/backup]$ ls -al
total 104216
drwxr-xr-x 3 tiberio dba 200 Dec 6 21:12 .
drwxr-xr-x 13 tiberio dba 157 Dec 6 15:18 ..
-rw-r--r-- 1 tiberio dba 1407 Dec 6 15:19 1206control_log01.log
-rw----- 1 tiberio dba 22822912 Dec 6 20:22 c1.ctl
-rw-r--r-- 1 tiberio dba 962 Dec 6 21:00 create_controlfile.sql
-rw----- 1 tiberio dba 52428800 Dec 6 15:19 my_file1202.dtf
-rw----- 1 tiberio dba 10485760 Dec 6 15:19 redo1206_2log
-rw----- 1 tiberio dba 10485760 Dec 6 15:19 redo1206_3.log
-rw----- 1 tiberio dba 10485760 Dec 6 15:19 redo1206.log
drwxr-xr-x 2 tiberio dba 6 Dec 6 15:20 tiberio
-rw-r--r-- 1 tiberio dba 0 Dec 6 21:12 xz
-rw-r--r-- 1 tiberio dba 0 Dec 6 21:12 ?xz
[tiberio@T1:/tiberio/tibero6/backup]$ rm create_controlfile.sql
[tiberio@T1:/tiberio/tibero6/backup]$ rm *.log
[tiberio@T1:/tiberio/tibero6/backup]$ rm *.dtf
[tiberio@T1:/tiberio/tibero6/backup]$ rm xz
[tiberio@T1:/tiberio/tibero6/backup]$ rm ?xz
[tiberio@T1:/tiberio/tibero6/backup]$ ls -al
total 32528
drwxr-xr-x 3 tiberio dba 55 Dec 6 22:59 .
drwxr-xr-x 13 tiberio dba 157 Dec 6 15:18 ..
-rw----- 1 tiberio dba 22822912 Dec 6 20:22 c1.ctl
-rw----- 1 tiberio dba 10485760 Dec 6 15:19 redo1206_2log
drwxr-xr-x 2 tiberio dba 6 Dec 6 15:20 tiberio
[tiberio@T1:/tiberio/tibero6/backup]$ rm c1.ctl
[tiberio@T1:/tiberio/tibero6/backup]$ tbdowndown

```

Tibero instance terminated (NORMAL mode).

```

[tiberio@T1:/tiberio/tibero6/backup]$ tbboot
Change core dump dir to /tiberio/tibero6/bin/prof.
Listener port = 8629

```

```

*****
* Warning: Control file open failed
* /tiberio/tbdata/c1.ctl
*****

```

```

*****
* Critical Warning : Raise svmode failed. The reason is
* TBR-24003 : Unable to read control file.
* Current server mode is NOMOUNT.
*****

```

Tibero 6

```

TmaxData Corporation Copyright (c) 2008-. All rights reserved.
Tibero instance started suspended at NOMOUNT mode.
[tiberio@T1:/tiberio/tibero6/backup]$ tbdowndown
/
Tibero instance terminated (NORMAL mode).

```

```

[tiberio@T1:/tiberio/tibero6/backup]$ tbdowndown abort
tbdowndown failed. proc info file is deleted.
Hint: Please check if the tbsvr instance was already stopped.
[tiberio@T1:/tiberio/tibero6/backup]$ cd /tiberio/tibero6
[tiberio@T1:/tiberio/tibero6]$ tbboot nomount
Change core dump dir to /tiberio/tibero6/bin/prof.
Listener port = 8629

```

Tibero 6

```

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Tibero instance started up (NOMOUNT mode).
[tiberio@T1:/tiberio/tibero6]$ tbdowndown abort

```

Tibero instance terminated (ABORT mode).

```

[tiberio@T1:/tiberio/tibero6]$ tbboot mount
Change core dump dir to /tiberio/tibero6/bin/prof.
Listener port = 8629

```

```

*****
* Warning: Control file open failed
* /tiberio/tbdata/c1.ctl
*****

```

```

*****
* Critical Warning : Raise svmode failed. The reason is

```

```

* TBR-24003 : Unable to read control file.
* Current server mode is NOMOUNT.
*****

Tibero 6

TmaxData Corporation Copyright (c) 2008-. All rights reserved.
Tibero instance started suspended at NOMOUNT mode.
[tibero@T1:/tibero/tibero6]$ tbdn abort

Tibero instance terminated (ABORT mode).

[tibero@T1:/tibero/tibero6]$ tbdn normal
tbdn failed. proc info file is deleted.
Hint: Please check if the tbsvr instance was already stopped.
[tibero@T1:/tibero/tibero6]$ tboot normal
Change core dump dir to /tibero/tibero6/bin/prof.
Listener port = 8629

*****
* Warning: Control file open failed
* /tibero/tbdn/c1.ctl
*****

*****
* Critical Warning : Raise svmode failed. The reason is
* TBR-24003 : Unable to read control file.
* Current server mode is NOMOUNT.
*****

Tibero 6

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Tibero instance started suspended at NOMOUNT mode.
[tibero@T1:/tibero/tibero6]$ tbdn clean
Clean-up process failed. Tibero is running.
[tibero@T1:/tibero/tibero6]$ tboot
Change core dump dir to /tibero/tibero6/bin/prof.
*****
* BOOT FAILED.
* tbsvr process (6303) is alive.
* Check if there are any tbsvr instances running.
*****
[tibero@T1:/tibero/tibero6]$ ps -ef | grep tbsvr
tibero 6303 1 1 23:01 pts/0 00:00:00 tbsvr -t normal -SVR_SID tibero
tibero 6305 6303 0 23:01 pts/0 00:00:00 tbsvr_MGWP -t normal -SVR_SID tibero
tibero 6306 6303 0 23:01 pts/0 00:00:00 tbsvr_FGWP000 -t normal -SVR_SID tibero
tibero 6307 6303 0 23:01 pts/0 00:00:00 tbsvr_FGWP001 -t normal -SVR_SID tibero
tibero 6308 6303 0 23:01 pts/0 00:00:00 tbsvr_PEW000 -t normal -SVR_SID tibero
tibero 6309 6303 0 23:01 pts/0 00:00:00 tbsvr_PEW001 -t normal -SVR_SID tibero
tibero 6310 6303 0 23:01 pts/0 00:00:00 tbsvr_PEW002 -t normal -SVR_SID tibero
tibero 6311 6303 0 23:01 pts/0 00:00:00 tbsvr_PEW003 -t normal -SVR_SID tibero
tibero 6312 6303 0 23:01 pts/0 00:00:00 tbsvr_AGNT -t normal -SVR_SID tibero
tibero 6313 6303 0 23:01 pts/0 00:00:00 tbsvr_DBWR -t normal -SVR_SID tibero
tibero 6314 6303 0 23:01 pts/0 00:00:00 tbsvr_RCWP -t normal -SVR_SID tibero
tibero 6544 4211 0 23:02 pts/0 00:00:00 grep --color=auto tbsvr
[tibero@T1:/tibero/tibero6]$ tbdn clean
Clean-up process failed. Tibero is running.
[tibero@T1:/tibero/tibero6]$ tboot
Change core dump dir to /tibero/tibero6/bin/prof.
*****
* BOOT FAILED.
* tbsvr process (6303) is alive.
* Check if there are any tbsvr instances running.
*****
[tibero@T1:/tibero/tibero6]$ tbdn clean
Clean-up process failed. Tibero is running.
[tibero@T1:/tibero/tibero6]$ tbdn

Tibero instance terminated (NORMAL mode).

[tibero@T1:/tibero/tibero6]$ ps -ef | grep tbsvr
tibero 6737 4211 0 23:02 pts/0 00:00:00 grep --color=auto tbsvr
[tibero@T1:/tibero/tibero6]$ tboot
Change core dump dir to /tibero/tibero6/bin/prof.
Listener port = 8629

*****
* Warning: Control file open failed
* /tibero/tbdn/c1.ctl
*****

*****

```



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   5'xZ  
 9xZ  
   xZ  
   5'&

[illegible]

```
rw----- 1 tiberio dba 10485760 Dec 6 20:32 redo1206_2log
-rw----- 1 tiberio dba 10485760 Dec 6 20:32 redo1206_3.log
-rw----- 1 tiberio dba 10485760 Dec 6 20:32 redo1206.log
[tibero@T1:/tiberio/tibero6/tbdata]$ vi c1.ctl
[tibero@T1:/tiberio/tibero6/tbdata]$ cat c1.ctl
M=6tibero@\@xZ
                                UTF8UTF16d-xz
3Mxz
9(=? )!9Pd$?xd%AP(G@
                               .Sp
0W
3]
3]Dd%\
;`A$
Y\
oqMxz
QNxz
N Mxz
3MeJ xz
xz
9tiberoM Mxz
3MeJ xz
xz
&tiberoM
PuTTY PuTTYPuTTYPuTTYPuTTYPuTTYPuTTYPuTTY
xz
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*xz
*xz
Q A PM!M xz
xz
xz
*eJxz
*xz
Q A PM""#$%%&&' '(M2 xz
3Mxz
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xz d xz
3Mxz
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xz xz
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xz
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```

3Mxz
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9 xz
3' xz
3' &
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3Mxz
5' xz
9 xz
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M))**+, ,PuTTYPuTTYPuTTYPuTTYPuTTYPuTTYPuTTYPuTTYPuTTYPuTTYPuTTYPuTTY--.G2 2 xz
xz
P@xz
8F xz
G.H2 2 xz
xz
P@xz
8F xz
@xz
8G xz
H//PuTTYPuTTYPuTTY06SYSTEM UNDO TEMP USR SYSSUB MY_SPACE TBS_EDU1 TBS_EDUTEMP1 MY_SPACE1203
60SYSTEM UNDO TEMP USR SYSSUB MY_SPACE TBS_EDU1 TBS_EDUTEMP1 MY_SPACE1203
MY_SPACE1203
PuTTYPuTTYPuTTYPuTTY112PuTTY23/tibero/tbdata/log01.log/tibero/tbdata/log11.log/tibero/tbdata/log21.log/tibero/tbdata/syste
m001.dtf/tibero/tbdata/undo001.dtf/tibero/tbdata/temp001.dtf/tibero/tbdata/usr001.dtf/tibero/tbdata/syssub001.dtf/tibero/tibero6/tb
data/my_file1202.dtf/tibero/tbdata/TBS_EDU1_01.dtf/tibero/tbdata/TBS_EDU1_02.dtf/tibero/tbdata/TBS_EDU2_02.dtf/tibero/tbdata/TBS_ED
U2_03.dtf/tibero/tbdata/TEMP1_01.dtf/tibero/tbdata/TEMP1_02.dtf/tibero/tbdata/redo41.log/tibero/tbdata/redo42.log/tibero/tbdata/red

```

```

43.log/tibero/tbdata/my_file1203.dtf/tibero/tbdata/redo1206.log/tibero/tbdata/red01206.log/tibero/tbdata/red01206_2log3=/tibero/tbdata/log01.log/tibero/tbdata/log11.log/tibero/tbdata/log21.log/tibero/tbdata/system001.dtf/tibero/tbdata/undo
001.dtf/tibero/tbdata/temp001.dtf/tibero/tbdata/usr001.dtf/tibero/tbdata/syssub001.dtf/tibero/tbdata/tbdata/my_file1202.dtf/tiber
o/tbdata/TBS_EDU1_01.dtf/tibero/tbdata/TBS_EDU1_02.dtf/tibero/tbdata/TBS_EDU2_02.dtf/tibero/tbdata/TBS_EDU2_03.dtf/tibero/tbdata/TE
MP1_01.dtf/tibero/tbdata/TEMP1_02.dtf/tibero/tbdata/redu041.log/tibero/tbdata/redu042.log/tibero/tbdata/redu043.log/tibero/tbdata/my_f
ile1203.dtf/tibero/tbdata/my_file1203_2.dtf/tibero/tibero6/tbdata/redn1206.log/tibero/tibero6/tbdata/red01206_2log/tibero/tibero6/t
bdata/redn1206_3.log=445566778899::;;PuTTY<<====>??@AABCCDDEEFFGGHHIIJJKLLMMNNOPPQQRRSSTTUUVVWXXYYZZ[\\]]^_^`aabccddeeffggh
hiijjjkllmmnnoppqqrrssttuuvvwxxyzz{||}]=====
PuTTYPuTTY
0112233445566778899::;;<====>??@AABCCDDEEFFGGHHIIJJKLLMMNNOPPQQRRSSTTUUVVWXXYYZZ[\\]]^_^`aabccddeeffgghhiijjjkllmmnnoppq
rrssttuuvvwxxyzz{||}]=====
PuTTYPuTTY0112233445566778899::;;<====>??@AABCCDDEEFFGGHHIIJJKLLMMNNOPPQQRRSSTTUUVVWXXYYZZ[\\]]^_^`aabccddeeffgghhiijjjkll
mmnnoppqqrrssttuuvvwxxyzz{||}]=====xz
xz
*/tibero/tibero6/database/tibero/archive/log-t0-r0-s2.arc=====xz
xz
xz
*=====xz
[tibero@T1:/tibero/tibero6/tbdata]$ PuTTYPuTTYPuTYPuTTYPuTTYPuTTYPuTTYPuTTY
PuTTYPuTTYPuTTYPuTTYPuTTYPuTTYPuTTYPuTTYPuTTYPuTTYPuTTYPuTTYPuTTYPuTTYPuTTYPuTTY^C
[tibero@T1:/tibero/tibero6/tbdata]$ cd ..
[tibero@T1:/tibero/tibero6]$ ls -al
total 8
drwxr-xr-x  13 tibero dba   157 Dec  6 15:18 .
drwxrwxr-x.  6 tibero dba   149 Dec  5 17:11 ..
drwxr-xr-x   3 tibero dba    41 Dec  6 23:00 backup
drwxr-xr-x   4 tibero dba  4096 Dec  6 20:25 bin
drwxr-xr-x  10 tibero dba   105 Nov 21 17:21 client
drwxr-xr-x   2 tibero dba   208 Dec  5 17:15 config
drwxr-xr-x   3 tibero dba    48 Dec  6 20:24 database
drwxr-xr-x   3 tibero dba    20 Nov 21 17:27 instance
drwxr-xr-x   3 tibero dba   250 Nov 21 17:21 lib
drwxr-xr-x   3 tibero dba    45 Nov 21 17:23 license
drwxr-xr-x   3 tibero dba    22 Nov 21 17:21 nls
drwxr-xr-x   3 tibero dba  4096 Nov 21 17:28 scripts
drwxr-xr-x   2 tibero dba   135 Dec  6 23:04 tbdata
[tibero@T1:/tibero/tibero6]$ cd database
[tibero@T1:/tibero/tibero6/database]$ vi c1.ctl
[tibero@T1:/tibero/tibero6/database]$ cd ..
[tibero@T1:/tibero/tibero6]$ cd backup
[tibero@T1:/tibero/tibero6/backup]$ ls -al
total 10240
drwxr-xr-x   3 tibero dba        41 Dec  6 23:00 .
drwxr-xr-x  13 tibero dba       157 Dec  6 15:18 ..
-rw-----   1 tibero dba 10485760 Dec  6 15:19 redo1206_2log
drwxr-xr-x   2 tibero dba         6 Dec  6 15:20 tibero
[tibero@T1:/tibero/tibero6/backup]$ rm redo1206_2log
[tibero@T1:/tibero/tibero6/backup]$ ps -ef | grep tbsvr
tibero      6781      1  0 23:02 pts/0    00:00:00 tbsvr          -t NORMAL -SVR_SID tibero
tibero      6783     6781  0 23:02 pts/0    00:00:00 tbsvr_MGWP      -t NORMAL -SVR_SID tibero
tibero      6784     6781  0 23:02 pts/0    00:00:00 tbsvr_FGWP000   -t NORMAL -SVR_SID tibero
tibero      6785     6781  0 23:02 pts/0    00:00:00 tbsvr_FGWP001   -t NORMAL -SVR_SID tibero
tibero      6786     6781  0 23:02 pts/0    00:00:00 tbsvr_PEWP000   -t NORMAL -SVR_SID tibero
tibero      6787     6781  0 23:02 pts/0    00:00:00 tbsvr_PEWP001   -t NORMAL -SVR_SID tibero
tibero      6788     6781  0 23:02 pts/0    00:00:00 tbsvr_PEWP002   -t NORMAL -SVR_SID tibero
tibero      6789     6781  0 23:02 pts/0    00:00:00 tbsvr_PEWP003   -t NORMAL -SVR_SID tibero
tibero      6790     6781  0 23:02 pts/0    00:00:00 tbsvr_AGNTR     -t NORMAL -SVR_SID tibero
tibero      6791     6781  0 23:02 pts/0    00:00:00 tbsvr_DBWR      -t NORMAL -SVR_SID tibero
tibero      6792     6781  0 23:02 pts/0    00:00:00 tbsvr_RCWP      -t NORMAL -SVR_SID tibero
tibero      7136    4211  0 23:05 pts/0    00:00:00 grep --color=auto tbsvr
[tibero@T1:/tibero/tibero6/backup]$ cd ..
[tibero@T1:/tibero/tibero6]$ cp /tibero/tibero6/database/c1.ctl /tibero/tbdata/c1.ctl
[tibero@T1:/tibero/tibero6]$ tbdwn clean
Clean-up process failed. Tibero is running.
[tibero@T1:/tibero/tibero6]$ tbdwn

Tibero instance terminated (NORMAL mode).

[tibero@T1:/tibero/tibero6]$ tbbboot
Change core dump dir to /tibero/tibero6/bin/prof.
Listener port = 8629

*****
* Critical Warning : Raise svmode failed. The reason is
*   TBR-1024 : Database needs media recovery: open failed(/tibero/tbdata/system001.dtf).
* Current server mode is MOUNT.
*****

Tibero 6

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Tibero instance started suspended at MOUNT mode.
[tibero@T1:/tibero/tibero6]$ ls -al
```



```

total 8
drwxr-xr-x 13 tiberio dba 157 Dec 6 15:18 .
drwxrwxr-x. 6 tiberio dba 149 Dec 5 17:11 ..
drwxr-xr-x 3 tiberio dba 20 Dec 6 23:05 backup
drwxr-xr-x 4 tiberio dba 4096 Dec 6 20:25 bin
drwxr-xr-x 10 tiberio dba 105 Nov 21 17:21 client
drwxr-xr-x 2 tiberio dba 208 Dec 5 17:15 config
drwxr-xr-x 3 tiberio dba 48 Dec 6 23:05 database
drwxr-xr-x 3 tiberio dba 20 Nov 21 17:27 instance
drwxr-xr-x 3 tiberio dba 250 Nov 21 17:21 lib
drwxr-xr-x 3 tiberio dba 45 Nov 21 17:23 license
drwxr-xr-x 3 tiberio dba 22 Nov 21 17:21 nls
drwxr-xr-x 3 tiberio dba 4096 Nov 21 17:28 scripts
drwxr-xr-x 2 tiberio dba 135 Dec 6 23:04 tbddata
[tiberio@T1:/tiberio/tibero6]$ cd backup
[tiberio@T1:/tiberio/tibero6/backup]$ ls -al
total 0
drwxr-xr-x 3 tiberio dba 20 Dec 6 23:05 .
drwxr-xr-x 13 tiberio dba 157 Dec 6 15:18 ..
drwxr-xr-x 2 tiberio dba 6 Dec 6 15:20 tibero
[tiberio@T1:/tiberio/tibero6/backup]$ cd tibero
[tiberio@T1:/tiberio/tibero6/backup/tibero]$ ls -al
total 0
drwxr-xr-x 2 tiberio dba 6 Dec 6 15:20 .
drwxr-xr-x 3 tiberio dba 20 Dec 6 23:05 ..
[tiberio@T1:/tiberio/tibero6/backup/tibero]$ cd ..
[tiberio@T1:/tiberio/tibero6/backup]$ cd ..
[tiberio@T1:/tiberio/tibero6]$ cd database
[tiberio@T1:/tiberio/tibero6/database]$ ls -al
total 44576
drwxr-xr-x 3 tiberio dba 48 Dec 6 23:05 .
drwxr-xr-x 13 tiberio dba 157 Dec 6 15:18 ..
-rw----- 1 tiberio dba 22822912 Dec 6 20:23 c1.ctl
-rw----- 1 tiberio dba 22822912 Dec 6 20:24 c2.ctl
drwxr-xr-x 3 tiberio dba 21 Dec 3 17:42 tibero
[tiberio@T1:/tiberio/tibero6/database]$ cd ..
[tiberio@T1:/tiberio/tibero6]$ cd database
[tiberio@T1:/tiberio/tibero6/database]$ cd tibero
[tiberio@T1:/tiberio/tibero6/database/tibero]$ ls -al
total 0
drwxr-xr-x 3 tiberio dba 21 Dec 3 17:42 .
drwxr-xr-x 3 tiberio dba 48 Dec 6 23:05 ..
drwxr-xr-x 2 tiberio dba 30 Dec 3 17:42 archive
[tiberio@T1:/tiberio/tibero6/database/tibero]$ cd archive
[tiberio@T1:/tiberio/tibero6/database/tibero/archive]$ ls -al
total 18628
drwxr-xr-x 2 tiberio dba 30 Dec 3 17:42 .
drwxr-xr-x 3 tiberio dba 21 Dec 3 17:42 ..
-rw----- 1 tiberio dba 19073024 Dec 3 17:42 log-t0-r0-s2.arc
[tiberio@T1:/tiberio/tibero6/database/tibero/archive]$ cd ..
[tiberio@T1:/tiberio/tibero6/database/tibero]$ cd ..
[tiberio@T1:/tiberio/tibero6/database]$ cd ..
[tiberio@T1:/tiberio/tibero6]$ cd tbddata
[tiberio@T1:/tiberio/tibero6/tbddata]$ ls -al
total 104212
drwxr-xr-x 2 tiberio dba 135 Dec 6 23:04 .
drwxr-xr-x 13 tiberio dba 157 Dec 6 15:18 ..
-rw-r--r-- 1 tiberio dba 1407 Dec 6 14:44 1206control_log01.log
-rw----- 1 tiberio dba 22822912 Dec 6 20:21 c1.ctl
-rw----- 1 tiberio dba 52428800 Dec 6 20:51 my_file1202.dtf
-rw----- 1 tiberio dba 10485760 Dec 6 20:32 redo1206_2log
-rw----- 1 tiberio dba 10485760 Dec 6 20:32 redo1206_3.log
-rw----- 1 tiberio dba 10485760 Dec 6 20:32 redo1206.log
[tiberio@T1:/tiberio/tibero6/tbddata]$ r1wrap tbsql sys/tibero

```

tbsql 6

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Connected to Tiberio.

```
SQL> select * from v$recover_file;
```

```

      FILE# ONLINE
-----
ERROR
-----
      CHANGE# TIME
-----
          0 ONLINE
open failed
          0

          1 ONLINE
open failed
          0

```

```

2 ONLINE
open failed
0

3 ONLINE
open failed
0

4 ONLINE
too recent (backup ctrlf)
0

FILE# ONLINE
-----
ERROR
-----
CHANGE# TIME
-----
5 ONLINE
open failed
0

6 ONLINE
open failed
0

7 ONLINE
open failed
0

8 ONLINE
open failed
0

9 ONLINE
open failed
0

FILE# ONLINE
-----
ERROR
-----
CHANGE# TIME
-----
10 ONLINE
open failed
0

11 rows selected.

SQL> alter database recover automatic database;
TBR-1004: Unable to read file /tibero/tbdata/system001.dtf.

SQL>
SQL> ALTER DATABASE RECOVER DATABASE UNTIL CANCEL;
TBR-1004: Unable to read file /tibero/tbdata/system001.dtf.

SQL> ALTER DATABASE RECOVER LOGFILE
2 '/tibero/tibero6/database/tibero/archive/log-t0-r0-s2.arc';

Database altered.

SQL> ALTER DATABASE RECOVER CONTINUE;

Database altered.

SQL> ALTER DATABASE RECOVER CANCEL;

Database altered.

SQL> exit
Disconnected.
[tibero@T1:/tibero/tibero6/tbdata]$ tbbboot resetlogs
Change core dump dir to /tibero/tibero6/bin/prof.
*****
* BOOT FAILED.
* tbsvr process (7346) is alive.
* Check if there are any tbsvr instances running.
*****
[tibero@T1:/tibero/tibero6/tbdata]$ tbdowndown

Tibero instance terminated (NORMAL mode).

[tibero@T1:/tibero/tibero6/tbdata]$ tbbboot resetlogs

```

```

Change core dump dir to /tiberio/tibero6/bin/prof.
Listener port = 8629

*****
* Critical Warning : Raise svmode failed. The reason is
*   TBR-1024 : Database needs media recovery: open failed(/tiberio/tbdata/system001.dtf).
*   Current server mode is MOUNT.
*****

Tibero 6

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Tibero instance started suspended at MOUNT mode.
[tibero@T1:/tiberio/tibero6/tbdata]$ tbsql sys/tibero

tbSQL 6

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Connected to Tibero.

SQL> select * from t1;
TBR-8033: Specified schema object was not found.
at line 1, column 16 of null:
select * from t1
      ^

SQL> ^C
SQL> exit
Disconnected.
[tibero@T1:/tiberio/tibero6/tbdata]$ ^C
[tibero@T1:/tiberio/tibero6/tbdata]$ ^C
[tibero@T1:/tiberio/tibero6/tbdata]$ ps -ef | grep tbsvr
tibero 8094 1 0 23:13 pts/0 00:00:00 tbsvr -t resetlogs -SVR_SID tibero
tibero 8097 8094 0 23:13 pts/0 00:00:00 tbsvr_MGWP -t resetlogs -SVR_SID tibero
tibero 8098 8094 0 23:13 pts/0 00:00:00 tbsvr_FGWP000 -t resetlogs -SVR_SID tibero
tibero 8099 8094 0 23:13 pts/0 00:00:00 tbsvr_FGWP001 -t resetlogs -SVR_SID tibero
tibero 8100 8094 0 23:13 pts/0 00:00:00 tbsvr_PEW000 -t resetlogs -SVR_SID tibero
tibero 8101 8094 0 23:13 pts/0 00:00:00 tbsvr_PEW001 -t resetlogs -SVR_SID tibero
tibero 8102 8094 0 23:13 pts/0 00:00:00 tbsvr_PEW002 -t resetlogs -SVR_SID tibero
tibero 8103 8094 0 23:13 pts/0 00:00:00 tbsvr_PEW003 -t resetlogs -SVR_SID tibero
tibero 8104 8094 0 23:13 pts/0 00:00:00 tbsvr_AGNT -t resetlogs -SVR_SID tibero
tibero 8105 8094 0 23:13 pts/0 00:00:00 tbsvr_DBWR -t resetlogs -SVR_SID tibero
tibero 8106 8094 0 23:13 pts/0 00:00:00 tbsvr_RCWP -t resetlogs -SVR_SID tibero
tibero 8356 4211 0 23:15 pts/0 00:00:00 grep --color=auto tbsvr
[tibero@T1:/tiberio/tibero6/tbdata]$ tbdwn clean
Clean-up process failed. Tibero is running.
[tibero@T1:/tiberio/tibero6/tbdata]$ tbdwn

Tibero instance terminated (NORMAL mode).

[tibero@T1:/tiberio/tibero6/tbdata]$ tbboot
Change core dump dir to /tiberio/tibero6/bin/prof.
Listener port = 8629

*****
* Critical Warning : Raise svmode failed. The reason is
*   TBR-1024 : Database needs media recovery: open failed(/tiberio/tbdata/system001.dtf).
*   Current server mode is MOUNT.
*****

Tibero 6

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Tibero instance started suspended at MOUNT mode.
[tibero@T1:/tiberio/tibero6/tbdata]$ rlwrap tbsql sys/tibero

tbSQL 6

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Connected to Tibero.

SQL> ! cd/tibero
sh: cd/tibero: No such file or directory
SQL> q
Disconnected.
[tibero@T1:/tiberio/tibero6/tbdata]$ ls -al
total 104212
drwxr-xr-x 2 tibero dba 135 Dec 6 23:04 .
drwxr-xr-x 13 tibero dba 157 Dec 6 15:18 ..
-rw-r--r-- 1 tibero dba 1407 Dec 6 14:44 1206control_log01.log
-rw----- 1 tibero dba 22822912 Dec 6 20:21 c1.ctl
-rw----- 1 tibero dba 52428800 Dec 6 20:51 my_file1202.dtf
-rw----- 1 tibero dba 10485760 Dec 6 20:32 redo1206_2log

```

```

-rw----- 1 tibero dba 10485760 Dec 6 20:32 redo1206_3.log
-rw----- 1 tibero dba 10485760 Dec 6 20:32 redo1206.log
[tibero@T1:/tibero/tibero6/tbdata]$ cd ..
[tibero@T1:/tibero/tibero6]$ ls -al
total 8
drwxr-xr-x 13 tibero dba 157 Dec 6 15:18 .
drwxrwxr-x. 6 tibero dba 149 Dec 5 17:11 ..
drwxr-xr-x 3 tibero dba 20 Dec 6 23:05 backup
drwxr-xr-x 4 tibero dba 4096 Dec 6 20:25 bin
drwxr-xr-x 10 tibero dba 105 Nov 21 17:21 client
drwxr-xr-x 2 tibero dba 208 Dec 5 17:15 config
drwxr-xr-x 3 tibero dba 48 Dec 6 23:05 database
drwxr-xr-x 3 tibero dba 20 Nov 21 17:27 instance
drwxr-xr-x 3 tibero dba 250 Nov 21 17:21 lib
drwxr-xr-x 3 tibero dba 45 Nov 21 17:23 license
drwxr-xr-x 3 tibero dba 22 Nov 21 17:21 nls
drwxr-xr-x 3 tibero dba 4096 Nov 21 17:28 scripts
drwxr-xr-x 2 tibero dba 135 Dec 6 23:04 tbdata
[tibero@T1:/tibero/tibero6]$ cd backup
[tibero@T1:/tibero/tibero6/backup]$ ls -al
total 0
drwxr-xr-x 3 tibero dba 20 Dec 6 23:05 .
drwxr-xr-x 13 tibero dba 157 Dec 6 15:18 ..
drwxr-xr-x 2 tibero dba 6 Dec 6 15:20 tibero
[tibero@T1:/tibero/tibero6/backup]$ cd ..
[tibero@T1:/tibero/tibero6]$ cd client
[tibero@T1:/tibero/tibero6/client]$ ls -al
total 12
drwxr-xr-x 10 tibero dba 105 Nov 21 17:21 .
drwxr-xr-x 13 tibero dba 157 Dec 6 15:18 ..
drwxr-xr-x 2 tibero dba 4096 Nov 21 17:21 bin
drwxr-xr-x 2 tibero dba 138 Dec 5 17:16 config
drwxr-xr-x 3 tibero dba 18 Nov 21 17:21 epa
drwxr-xr-x 2 tibero dba 4096 Nov 21 17:21 include
drwxr-xr-x 4 tibero dba 4096 Nov 21 17:21 lib
drwxr-xr-x 3 tibero dba 37 Nov 21 17:21 ssl
drwxr-xr-x 4 tibero dba 28 Nov 21 17:21 win32
drwxr-xr-x 4 tibero dba 28 Nov 21 17:21 win64
[tibero@T1:/tibero/tibero6/client]$ cd ..
[tibero@T1:/tibero/tibero6]$ cd tbdata
[tibero@T1:/tibero/tibero6/tbdata]$ ls -al
total 104212
drwxr-xr-x 2 tibero dba 135 Dec 6 23:04 .
drwxr-xr-x 13 tibero dba 157 Dec 6 15:18 ..
-rw-r--r-- 1 tibero dba 1407 Dec 6 14:44 1206control_log01.log
-rw----- 1 tibero dba 22822912 Dec 6 20:21 c1ctl
-rw----- 1 tibero dba 52428800 Dec 6 20:51 my_file1202.dtf
-rw----- 1 tibero dba 10485760 Dec 6 20:32 redo1206_2log
-rw----- 1 tibero dba 10485760 Dec 6 20:32 redo1206_3.log
-rw----- 1 tibero dba 10485760 Dec 6 20:32 redo1206.log
[tibero@T1:/tibero/tibero6/tbdata]$ cd ..
[tibero@T1:/tibero/tibero6]$ cd ..
[tibero@T1:/tibero]$ ls -al
total 460688
drwxrwxr-x. 6 tibero dba 149 Dec 5 17:11 .
dr-xr-xr-x. 21 root root 4096 Aug 12 18:32 ..
-rw-r--r-- 1 tibero dba 783 Nov 21 17:27 cre_db.sql
drwxr-xr-x 2 tibero dba 6 Nov 21 15:56 mina
lrwxrwxrwx 1 tibero dba 11 Jan 17 2019 s -> /media/sf_s
drwxr-xr-x 3 tibero dba 47 Dec 6 23:06 tbdata
drwxr-xr-x 2 tibero dba 55 Dec 5 17:19 test
drwxr-xr-x 13 tibero dba 157 Dec 6 15:18 tibero6
-rwxr-x-- 1 tibero dba 471734706 Nov 21 17:20 tibero6-bin-FS07_CS_2005-linux64_3.10-199301-opt.tar.gz
[tibero@T1:/tibero]$ cd tbdata
[tibero@T1:/tibero/tbdata]$ ls -al
total 22292
drwxr-xr-x 3 tibero dba 47 Dec 6 23:06 .
drwxrwxr-x. 6 tibero dba 149 Dec 5 17:11 ..
-rw----- 1 tibero dba 22822912 Dec 6 23:06 c1ctl
drwx----- 2 tibero dba 70 Nov 21 17:29 java
-r----- 1 tibero dba 24 Nov 21 17:27 .passwd
[tibero@T1:/tibero/tbdata]$ cd ..
[tibero@T1:/tibero]$ cd mina
[tibero@T1:/tibero/mina]$ ls -al
total 0
drwxr-xr-x 2 tibero dba 6 Nov 21 15:56 .
drwxrwxr-x. 6 tibero dba 149 Dec 5 17:11 ..
[tibero@T1:/tibero/mina]$ cd ..
[tibero@T1:/tibero]$ ls -al
total 460688
drwxrwxr-x. 6 tibero dba 149 Dec 5 17:11 .
dr-xr-xr-x. 21 root root 4096 Aug 12 18:32 ..
-rw-r--r-- 1 tibero dba 783 Nov 21 17:27 cre_db.sql
drwxr-xr-x 2 tibero dba 6 Nov 21 15:56 mina
lrwxrwxrwx 1 tibero dba 11 Jan 17 2019 s -> /media/sf_s
drwxr-xr-x 3 tibero dba 47 Dec 6 23:06 tbdata
drwxr-xr-x 2 tibero dba 55 Dec 5 17:19 test

```

```

drwxr-xr-x 13 tibero dba 157 Dec 6 15:18 tibero6
-rwxr-x-- 1 tibero dba 471734706 Nov 21 17:20 tibero6-bin-FS07_CS_2005-linux64_3.10-199301-opt.tar.gz
[tibero@T1:/tibero]$ cd test
[tibero@T1:/tibero/test]$ ls -al
total 16
drwxr-xr-x 2 tibero dba 55 Dec 5 17:19 .
drwxrwxr-x 6 tibero dba 149 Dec 5 17:11 ..
-rwxrwxrwx 1 tibero dba 161 Dec 5 17:12 run.sh
-rw-r--r-- 1 tibero dba 4096 Dec 5 17:21 Test.class
-rw-r--r-- 1 tibero dba 4230 Dec 5 17:18 Test.java
[tibero@T1:/tibero/test]$ cd ..
[tibero@T1:/tibero]$ ls -al
total 460688
drwxrwxr-x 6 tibero dba 149 Dec 5 17:11 .
dr-xr-xr-x 21 root root 4096 Aug 12 18:32 ..
-rw-r--r-- 1 tibero dba 783 Nov 21 17:27 cre_db.sql
drwxr-xr-x 2 tibero dba 6 Nov 21 15:56 mina
lrwxrwxrwx 1 tibero dba 11 Jan 17 2019 s -> /media/sf_s
drwxr-xr-x 3 tibero dba 47 Dec 6 23:06 tbdata
drwxr-xr-x 2 tibero dba 55 Dec 5 17:19 test
drwxr-xr-x 13 tibero dba 157 Dec 6 15:18 tibero6
-rwxr-x-- 1 tibero dba 471734706 Nov 21 17:20 tibero6-bin-FS07_CS_2005-linux64_3.10-199301-opt.tar.gz
[tibero@T1:/tibero]$ cd tibero6
[tibero@T1:/tibero/tibero6]$ ls -al
total 8
drwxr-xr-x 13 tibero dba 157 Dec 6 15:18 .
drwxrwxr-x 6 tibero dba 149 Dec 5 17:11 ..
drwxr-xr-x 3 tibero dba 20 Dec 6 23:05 backup
drwxr-xr-x 4 tibero dba 4096 Dec 6 20:25 bin
drwxr-xr-x 10 tibero dba 105 Nov 21 17:21 client
drwxr-xr-x 2 tibero dba 208 Dec 5 17:15 config
drwxr-xr-x 3 tibero dba 48 Dec 6 23:05 database
drwxr-xr-x 3 tibero dba 20 Nov 21 17:27 instance
drwxr-xr-x 3 tibero dba 250 Nov 21 17:21 lib
drwxr-xr-x 3 tibero dba 45 Nov 21 17:23 license
drwxr-xr-x 3 tibero dba 22 Nov 21 17:21 nls
drwxr-xr-x 3 tibero dba 4096 Nov 21 17:28 scripts
drwxr-xr-x 2 tibero dba 135 Dec 6 23:04 tbdata
[tibero@T1:/tibero/tibero6]$ cd /home
[tibero@T1:/home]$ ls -al
total 12
drwxr-xr-x 7 root root 73 Feb 12 2018 .
dr-xr-xr-x 21 root root 4096 Aug 12 18:32 ..
drwx----- 5 jeus jeus 142 Feb 12 2018 jeus
drwx----- 3 jeus7 jeus7 92 Feb 12 2018 jeus7
drwx----- 15 oracle oinstall 4096 Aug 12 18:29 oracle
drwx----- 12 tibero dba 4096 Dec 6 23:05 tibero
drwx----- 5 webtob webtob 142 Feb 12 2018 webtob
[tibero@T1:/home]$ cd tibero
[tibero@T1:/home/tibero]$ ls -al
total 76
drwx----- 12 tibero dba 4096 Dec 6 23:05 .
drwxr-xr-x 7 root root 73 Feb 12 2018 ..
-rw-r--r-- 1 tibero dba 4 Aug 12 18:24 a
-rw----- 1 tibero dba 3249 Dec 6 22:48 .bash_history
-rw-r--r-- 1 tibero dba 18 Aug 3 2016 .bash_logout
-rw-r--r-- 1 tibero dba 1277 Nov 21 17:22 .bash_profile
-rw-r--r-- 1 tibero dba 231 Aug 3 2016 .bashrc
drwx----- 11 tibero dba 267 Apr 4 2017 .cache
-rwxrwxrwx 1 tibero dba 2124 Apr 6 2017 .com.zerog.registry.xml
drwxr-xr-x 15 tibero dba 276 Feb 16 2017 .config
-rw----- 1 tibero dba 16 Feb 16 2017 .esd_auth
-rw----- 1 tibero dba 6204 Apr 4 2017 .ICEauthority
drwxrwxr-x 2 tibero dba 6 Apr 6 2017 .InstallAnywhere
drwx----- 3 tibero dba 19 Feb 16 2017 .local
drwxr-xr-x 2 tibero dba 6 Nov 21 15:37 minyerin
drwxr-xr-x 5 tibero dba 54 Mar 2 2017 .mozilla
drwxr-xr-x 2 tibero dba 40 Mar 6 2017 .oracle_jre_usage
drwx----- 3 tibero dba 19 Jan 30 2018 .pki
drwx----- 2 tibero dba 25 May 23 2017 .ssh
-rwxr--r-- 1 tibero dba 64 Feb 19 2019 start_db.sh
-rwxr--r-- 1 tibero dba 74 Feb 19 2019 stop_db.sh
-rw----- 1 tibero dba 10196 Dec 6 23:16 .tbsql_history
-rwxr--r-- 1 tibero dba 74 Feb 19 2019 tool_tbsql
drwxr-xr-x 2 tibero dba 24 Feb 18 2019 .vim
-rw----- 1 tibero dba 9835 Dec 6 23:05 .viminfo
-rw----- 1 tibero dba 0 Apr 4 2017 .Xauthority
[tibero@T1:/home/tibero]$ cd minyerlin
-bash: cd: minyerlin: No such file or directory
[tibero@T1:/home/tibero]$ cd minyerlin
[tibero@T1:/home/tibero/minyerlin]$ ls -al
total 4
drwxr-xr-x 2 tibero dba 6 Nov 21 15:37 .
drwx----- 12 tibero dba 4096 Dec 6 23:05 ..
[tibero@T1:/home/tibero/minyerlin]$ cd ..
[tibero@T1:/home/tibero]$ ls -al
total 76

```

```

drwx----- 12 tibero dba 4096 Dec 6 23:05 .
drwxr-xr-x. 7 root root 73 Feb 12 2018 ..
-rw-r--r-- 1 tibero dba 4 Aug 12 18:24 a
-rw----- 1 tibero dba 3249 Dec 6 22:48 .bash_history
-rw-r--r-- 1 tibero dba 18 Aug 3 2016 .bash_logout
-rw-r--r-- 1 tibero dba 1277 Nov 21 17:22 .bash_profile
-rw-r--r-- 1 tibero dba 231 Aug 3 2016 .bashrc
drwx----- 11 tibero dba 267 Apr 4 2017 .cache
-rwxrwxrwx 1 tibero dba 2124 Apr 6 2017 .com.zerog.registry.xml
drwxr-xr-x. 15 tibero dba 276 Feb 16 2017 .config
-rw----- 1 tibero dba 16 Feb 16 2017 .esd_auth
-rw----- 1 tibero dba 6204 Apr 4 2017 .ICEauthority
drwxrwxr-x 2 tibero dba 6 Apr 6 2017 .InstallAnywhere
drwx----- 3 tibero dba 19 Feb 16 2017 .local
drwxr-xr-x 2 tibero dba 6 Nov 21 15:37 minyerin
drwxr-xr-x. 5 tibero dba 54 Mar 2 2017 .mozilla
drwxr-xr-x 2 tibero dba 40 Mar 6 2017 .oracle_jre_usage
drwxr----- 3 tibero dba 19 Jan 30 2018 .pki
drwx----- 2 tibero dba 25 May 23 2017 .ssh
-rwxr--r-- 1 tibero dba 64 Feb 19 2019 start_db.sh
-rwxr--r-- 1 tibero dba 74 Feb 19 2019 stop_db.sh
-rw----- 1 tibero dba 10196 Dec 6 23:16 .tbsql_history
-rwxr--r-- 1 tibero dba 74 Feb 19 2019 tool_tbsql
drwxr-xr-x 2 tibero dba 24 Feb 18 2019 .vim
-rw----- 1 tibero dba 9835 Dec 6 23:05 .viminfo
-rw----- 1 tibero dba 0 Apr 4 2017 .Xauthority
[tibero@T1:/home/tibero]$ cd ..
[tibero@T1:/home]$ ls -al
total 12
drwxr-xr-x. 7 root root 73 Feb 12 2018 .
dr-xr-xr-x. 21 root root 4096 Aug 12 18:32 ..
drwx----- 5 jeus jeus 142 Feb 12 2018 jeus
drwx----- 3 jeus7 jeus7 92 Feb 12 2018 jeus7
drwx----- 15 oracle oinstall 4096 Aug 12 18:29 oracle
drwx----- 12 tibero dba 4096 Dec 6 23:05 tibero
drwx----- 5 webtob webtob 142 Feb 12 2018 webtob
[tibero@T1:/home]$ cd ..
[tibero@T1:/]$ ls -al
total 36
dr-xr-xr-x. 21 root root 4096 Aug 12 18:32 .
dr-xr-xr-x. 21 root root 4096 Aug 12 18:32 ..
-rw-r--r-- 1 root root 0 Mar 2 2017 .autorelabel
lrwxrwxrwx. 1 root root 7 Feb 16 2017 bin -> usr/bin
dr-xr-xr-x. 5 root root 4096 Nov 7 11:26 boot
drwxr-xr-x 2 root root 6 Jan 31 2018 DataDisk
drwxr-xr-x 2 oracle oinstall 6 Feb 19 2019 db
drwxr-xr-x 19 root root 3320 Dec 6 22:36 dev
drwxr-xr-x. 141 root root 8192 Dec 6 22:36 etc
drwxr-xr-x. 7 root root 73 Feb 12 2018 home
lrwxrwxrwx. 1 root root 7 Feb 16 2017 lib -> usr/lib
lrwxrwxrwx. 1 root root 9 Feb 16 2017 lib64 -> usr/lib64
drwxr-xr-x. 4 root root 31 Mar 24 2017 media
drwxr-xr-x. 2 root root 6 Nov 6 2016 mnt
drwxr-xr-x. 4 root root 49 Mar 24 2017 opt
dr-xr-xr-x 237 root root 0 Dec 6 22:36 proc
dr-xr-xr-x. 16 root root 4096 Feb 18 2019 root
drwxr-xr-x 38 root root 1180 Dec 6 22:36 run
lrwxrwxrwx. 1 root root 8 Feb 16 2017/sbin -> usr/sbin
drwxr-xr-x. 2 root root 6 Nov 6 2016 srv
dr-xr-xr-x 13 root root 0 Dec 6 22:36 sys
drwxr-xr-x 2 tibero dba 25 Feb 19 2019 t
drwxrwxr-x. 6 tibero dba 149 Dec 5 17:11 tibero
drwxrwxrwt. 26 root root 4096 Dec 6 22:37 tmp
drwxr-xr-x. 14 root root 167 Mar 2 2017 usr
drwxr-xr-x. 21 root root 4096 Jan 19 2018 var
[tibero@T1:/]$ cd db
[tibero@T1:/db]$ ls -al
total 4
drwxr-xr-x 2 oracle oinstall 6 Feb 19 2019 .
dr-xr-xr-x. 21 root root 4096 Aug 12 18:32 ..
[tibero@T1:/db]$ cd ..
[tibero@T1:/]$ cd tibero
[tibero@T1:/tibero]$ ls -al
total 460688
drwxrwxr-x. 6 tibero dba 149 Dec 5 17:11 .
dr-xr-xr-x. 21 root root 4096 Aug 12 18:32 ..
-rw-r--r-- 1 tibero dba 783 Nov 21 17:27 cre_db.sql
drwxr-xr-x 2 tibero dba 6 Nov 21 15:56 mina
lrwxrwxrwx 1 tibero dba 11 Jan 17 2019 s -> /media/sf_s
drwxr-xr-x 3 tibero dba 47 Dec 6 23:06 tbdata
drwxr-xr-x 2 tibero dba 55 Dec 5 17:19 test
drwxr-xr-x 13 tibero dba 157 Dec 6 15:18 tibero6
-rwxr-xr-x 1 tibero dba 471734706 Nov 21 17:20 tibero6-bin-FS07_CS_2005-linux64_3.10-199301-opt.tar.gz
[tibero@T1:/tibero]$ cd tbdata
[tibero@T1:/tibero/tbdata]$ ls -al
total 22292
drwxr-xr-x 3 tibero dba 47 Dec 6 23:06 .

```

```
drwxrwxr-x. 6 tiberio dba      149 Dec  5 17:11 ..
-rw----- 1 tiberio dba 22822912 Dec  6 23:06 c1.ctl
drwx----- 2 tiberio dba       70 Nov 21 17:29 java
-r----- 1 tiberio dba       24 Nov 21 17:27 .passwd
[tiberio@T1:/tiberio/tbdata]$ cd ..
[tiberio@T1:/tiberio]$
```