

ODA: oakcli 12 cannot delete database

Problem

oakcli "delete database" fails on Oracle Database Appliance

```
[root@odal ~]# oakcli delete database -db dbx
2016-02-20 19:12:55: Will be running following sql statements as user: oracle:
    export oracle_home=/u01/app/oracle/product/12.1.0.2/dbhome_2,
    export sid= dbx,
    /u01/app/oracle/product/12.1.0.2/dbhome_2/bin/sqlplus -L sys/password@/dbx as sysdba
    set heading off

set echo off

select name from v$datafile

2016-02-20 19:12:55: Removing file /tmp/filenogI0r
2016-02-20 19:12:55: Successfully removed file: /tmp/filenogI0r
2016-02-20 19:12:55: /bin/su exited with rc=1
2016-02-20 19:12:55: ERROR: Failed to connect to the database

ERROR:
ORA-12154: TNS:could not resolve the connect identifier specified
SP2-0751: Unable to connect to Oracle. Exiting SQL*Plus
Died at /opt/oracle/oak/lib/oakutilslib/SqlUtils.pm line 91.

[root@odal ~]# less /opt/oracle/oak/log/odal/tools/12.1.2.5.0/deletedatabase_dbx_43801.log
/u01/app/oracle/product/12.1.0.2/dbhome_2/bin/sqlplus -L sys/password@/dbx as sysdba

[root@odal ~]# /u01/app/oracle/product/12.1.0.2/dbhome_2/bin/sqlplus -L sys/welcome1@/dbx as sysdba
ERROR:
ORA-12154: TNS:could not resolve the connect identifier specified

[root@odal ~]# /u01/app/oracle/product/12.1.0.2/dbhome_2/bin/sqlplus -L sys/welcome1@dbx as sysdba
SQL*Plus: Release 12.1.0.2.0 Production on Sat Feb 20 19:16:08 2016
Copyright (c) 1982, 2014, Oracle. All rights reserved.
Connected to:
Oracle Database 12c Enterprise Edition Release 12.1.0.2.0 - 64bit Production
```

Solution

The problem is the additional slash "/" in the connect descriptor oakcli produces when calling SQLPlus.

This is an Oracle bug, see also: ODA: Running "oakcli delete database -db <dbname>" Fails With Error ORA-12514 (Doc ID 2034612.1)

The solution is to reset the db_domain database parameter:

```
SQL> alter system reset db_domain scope=spfile;
```

And restart the database

```
[oracle@odal:dbx1 ]$ /u01/app/oracle/product/12.1.0.2/dbhome_2/bin/srvctl stop database -d dbx
[oracle@odal:dbx1 ]$ /u01/app/oracle/product/12.1.0.2/dbhome_2/bin/srvctl start database -d dbx
```

The solution is also valid if the parameter is not set:

```
SQL> show parameter domain
NAME TYPE VALUE
-----
db_domain string
```

Related articles

- [ODA: oakcli 12 cannot delete database](#)