

ALEPH 18 - Oracle handle_connection error; TWO_TASK problems

- **Article Type:** General
- **Product:** Aleph
- **Product Version:** 18.01

Description:

We are trying to get going on our v.17 to v.18 upgrade and we have hit a problem. This happened at the point we were going to run the `imp_demo_library` command. We are getting this kind of error running the command and when we login as the v.18 ALEPH user and `dlib`:

```
oit.abc.edu-a18(1) >>dlib abc01
```

```
-----  
Load: /exlibris/aleph/u18_1/alephe/tab/tab100
```

```
-----  
Load: /exlibris/aleph/u18_1/abc01/tab/tab100
```

```
ld.so.1: oracle: fatal: libskgxp10.so: open failed: No such file or directory
```

Oracle error: `handle_connection`

ORA-12547: TNS:lost contact

Our DBA has looked at this and thinks the problem is that v.18 is not really "seeing" the Oracle 10 database. Our Oracle path doesn't match the default, our is at: `/oracle/u01/app/oracle/product/10.2.0`

The DBA said he changed some symbolic links that were pointing to the default installation. We've also tried some changes to `aleph_start`. The one we used with our first try of `imp_demo_library` was the one now named:

```
aleph_start_20060524jma_noLD_PATH_64
```

At that point the `imp_demo_library` errors also included errors like this:

```
Starting import of library USM01
```

```
Tue May 30 14:39:12 CDT 2006
```

```
create_ora_user_b usm01
```

```
ld.so.1: sqlplus: fatal: /oracle/u01/app/oracle/product/10.2.0/db/lib32/libsqlplus.so: wrong ELF class: ELFCLASS32
```

```
Killed
```

```
cat: cannot open /exlibris/aleph/a18_1/usm01/scratch/tablespaces.lst
```

```
ld.so.1: sqlplus: fatal: /oracle/u01/app/oracle/product/10.2.0/db/lib32/libsqlplus.so: wrong ELF class: ELFCLASS32
```

```
Killed
```

```
USM01 table all
```

```
l_op == table
```

```
l_table == all
```

```
ld.so.1: sqlplus: fatal: /oracle/u01/app/oracle/product/10.2.0/db/lib32/libsqlplus.so: wrong ELF class: ELFCLASS32
```

```
Killed
```

```
=====
```

Then we added a `LD_LIBRARY_PATH_64` line to `aleph_start`, like this:

```
setenv LD_LIBRARY_PATH_64 "$ORACLE_HOME/lib:/usr/ccs/bin:/usr/lib:/usr/ucb/lib:/usr/ucblib:$ORACLE_HOME/ctx/lib"
for the case SUN_OS_2:
```

This or other things our DBA did, took care of the "ELFclass" errors.

Our DBA has made further changes to aleph_start, but none of them have eliminated the handle_connection message. We really want to get going on our first run of Upgrade Express.

In response to your questions ...

1) The ORACLE_SID looks okay:

```
oit.abc.edu-18(1) ABC01-ALEPH>>echo $ORACLE_SID
aleph18
```

2) Never looked at this env. variable, should it look like this?

```
oit.abc.edu-18(1) ABC01-ALEPH>>echo $aleph_db
saturn.aleph18
```

3) the s+ aleph_admin gets me an error:

```
oit.abc.edu-18(1) ABC01-ALEPH>> s+ aleph_admin
```

```
SQL*Plus: Release 10.2.0.1.0 - Production on Fri Jun 2 14:07:59 2006
```

```
Copyright (c) 1982, 2005, Oracle. All rights reserved.
```

```
ld.so.1: oracle: fatal: libskgxp10.so: open failed: No such file or directory
ERROR:
ORA-12547: TNS:lost contact
```

```
Enter user-name:
```

4) I will check with our DBAs with respect to the oracle users and let you know.

Resolution:

I copied version 18 aleph_start to aleph_start_20060605_eyal and added to aleph_start the environment variable TWO_TASK: –

```
setenv TWO_TASK ${ORA_HOST}.${ORACLE_SID}
```

Now it is ok.

[Eyal Alkalay]

- **Article last edited:** 10/8/2013