

Saturday, December 11, 2010

Where is my 10g "create database script"? How to recreate db (\$ORACLE_SID.sh script) on remote host?

If you have created a database using DBCA and pick the option to save the script, the default location of the script is

\$ORACLE_BASE/admin/\$ORACLE_SID/scripts

For example, let's say you created a database called FlashDB on Linux-223 server and chose the option to save the database creation script, then the script will be created at \$ORACLE_BASE/admin/\$ORACLE_SID/scripts.

For example:

```
$ echo $ORACLE_BASE  
/u01/app/oracle
```

```
$ export ORACLE_SID=FlashDB
```

```
$ echo $ORACLE_BASE  
/u01/app/oracle
```

```
$ cd $ORACLE_BASE/admin/$ORACLE_SID/scripts
```

```
$ pwd  
/u01/app/oracle/admin/FlashDB/scripts
```

```
$ ls -ltrh  
total 36K  
-rw-r----- 1 oracle oinstall 1.3K Jun 17 15:23 rmanRestoreDatafiles.sql  
-rw-r----- 1 oracle oinstall 636 Jun 17 15:23 postScripts.sql  
-rw-r----- 1 oracle oinstall 2.8K Jun 17 15:23 init.ora  
-rw-r----- 1 oracle oinstall 2.8K Jun 17 15:23 initFlashDBTemp.ora  
-rwxr-xr-x 1 oracle oinstall 702 Jun 17 15:23 FlashDB.sql  
-rwxr-xr-x 1 oracle oinstall 882 Jun 17 15:23 FlashDB.sh  
-rw-r----- 1 oracle oinstall 254 Jun 17 15:23 CloneRmanRestore.sql  
-rw-r----- 1 oracle oinstall 2.3K Jun 17 15:23 cloneDBCreation.sql
```

```
-rw-r----- 1 oracle oinstall 1.4K Jun 17 15:23 postDBCcreation.sql
```

Now, if you ever need to create the same db again (ofcourse not with the same data but generic startup database), you can execute the FlashDB.sh as oracle owner and after providing the passwords, it will recreate the same database again. This is especially helpful when you need to recreate the same generic startup database on a remote server.

For example, let's say I have to create FlashDB on a remote host called Linux-VM-231. Then, my steps would be:

- 1) login to Linux-VM-243 as oracle
- 2) export ORACLE_SID=FlashDB
- 3) mkdir -p \$ORACLE_BASE/admin/\$ORACLE_SID/scripts
- 4) cd \$ORACLE_BASE/admin/\$ORACLE_SID/scripts
- 5) **scp Linux-223:\$ORACLE_BASE/admin/\$ORACLE_SID/scripts/* .**
- 6) FlashDB.sh

As soon as you execute FlashDB.sh, it will prompt you for the sys, system, sysman, dbsnmp passwords as follows:

```
$ FlashDB.sh
```

You should Add this entry in the /etc/oratab:

```
FlashDB:/u01/app/oracle/product/10.2.0/db_1:Y
```

```
SQL*Plus: Release 10.2.0.4.0 - Production on Sat Dec 11 00:16:11 2010
```

```
Copyright (c) 1982, 2007, Oracle. All Rights Reserved.
```

```
specify a password for sys as parameter 1
```

```
Enter value for 1: abc123
```

```
specify a password for system as parameter 2
```

```
Enter value for 2: abc123
```

```
specify a password for sysman as parameter 3
```

```
Enter value for 3: abc123
```

```
specify a password for dbsnmp as parameter 4
```

```
Enter value for 4: abc123
```

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

```
..
```

```
....
```

```
.....
```

.....

[complete database creation logs can be found here.](#)

Now at the end, verify the database is created successfully.

```
$ export ORACLE_SID=FlashDB
$ sqlplus / as sysdba
```

SQL*Plus: Release 10.2.0.4.0 - Production on Sat Dec 11 00:27:35 2010

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Connected to:

Oracle Database 10g Enterprise Edition Release 10.2.0.4.0 - Production
With the Partitioning, OLAP, Data Mining and Real Application Testing options

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

```
STATUS
```

```
-----
```

```
OPEN
```

```
SQL>
```

Oh yeh, don't forget to add the following entry in /etc/oratab

FlashDB:/u01/app/oracle/product/10.2.0/db_1:Y

Hope this helps.

--Moid Muhammad