

# Steps To Create A Single Instance Oracle Database Using The Silent Install Mode

1. Create the template from database [kuddev](#) to use to create the new database.

```
$cd $ORACLE_HOME/bin
```

```
[69-64-90-149:oracle]$. /dbca -silent -createTemplateFromDB -sourceDB kuddev -templateName kuddevTemplate1 -sysDBAUserName SYS -sysDBAPassword password
```

Creating a template from the database

10% complete

20% complete

30% complete

40% complete

50% complete

60% complete

70% complete

80% complete

90% complete

100% complete

Look at the log file `"/home/oracle/app/oracle/cfgtoollogs/dbca/silent.log_2017-04-03_07-23-51-PM"` for further details.

Monitor the process until it completes and review the log file for any errors.

`"/home/oracle/app/oracle/cfgtoollogs/dbca/silent.log_2017-04-03_07-23-51-PM"`

2. Copy the new template create above to the server you want to create the new database using winscp client.
3. Review and edit template with the correct paths to the redo logs, control files and datafiles – The templates are located here-

```
$cd $ORACLE_HOME/assistants/dbca/templates
```

```
[69-64-90-149:oracle]$ls -l kuddevTemplate.dbt
```

```
-rw-r----- 1 oracle oracle 11109 Apr  3 19:13 kuddevTemplate.dbt
```

4. Create the new database from the template created above.

```
[69-64-90-149:oracle]$. /dbca -silent -createDatabase -  
templateName kuddevTemplatudprd -sysDBAUserName SYS -sysDBAPassword password
```

Enter SYS user password:

Enter SYSTEM user password:

Creating and starting Oracle instance

1% complete

4% complete

Creating database files

8% complete

Creating data dictionary views

9% complete

11% complete

12% complete

13% complete

14% complete

15% complete

16% complete

17% complete

19% complete

20% complete

21% complete

Adding Oracle JVM

27% complete

33% complete

39% complete

41% complete

Adding Oracle Text

42% complete

44% complete

45% complete

Adding Oracle Multimedia

46% complete

57% complete

Adding Oracle OLAP

58% complete

59% complete

60% complete

61% complete

Adding Oracle Spatial

62% complete

69% complete

Adding Oracle Label Security

77% complete

Adding Oracle Database Vault

85% complete

Completing Database Creation

86% complete

87% complete

88% complete

89% complete

Executing Post Configuration Actions

100% complete

Look at the log file "/home/oracle/app/oracle/cfgtoollogs/dbca/KUDPRD/KUDPRD.log" for further details.

Monitor the progress of the database as it being created.

5. Check the log file for any errors after the database creation completes

`"/home/oracle/app/oracle/cfgtoollogs/dbca/KUDPRD/KUDPRD.log"`

6. Review the location of the datafiles, control files, redo log files to ensure that they have been created where they are supposed to be

`SELECT name from v$controlfile;`

`SELECT member FROM v$logfile;`

`SELECT name FROM v$datafile;`

7. Configure the tnsname.ora, sqlnet.ora and listener.ora files for the server if there are not already there and register the new database with the listener.