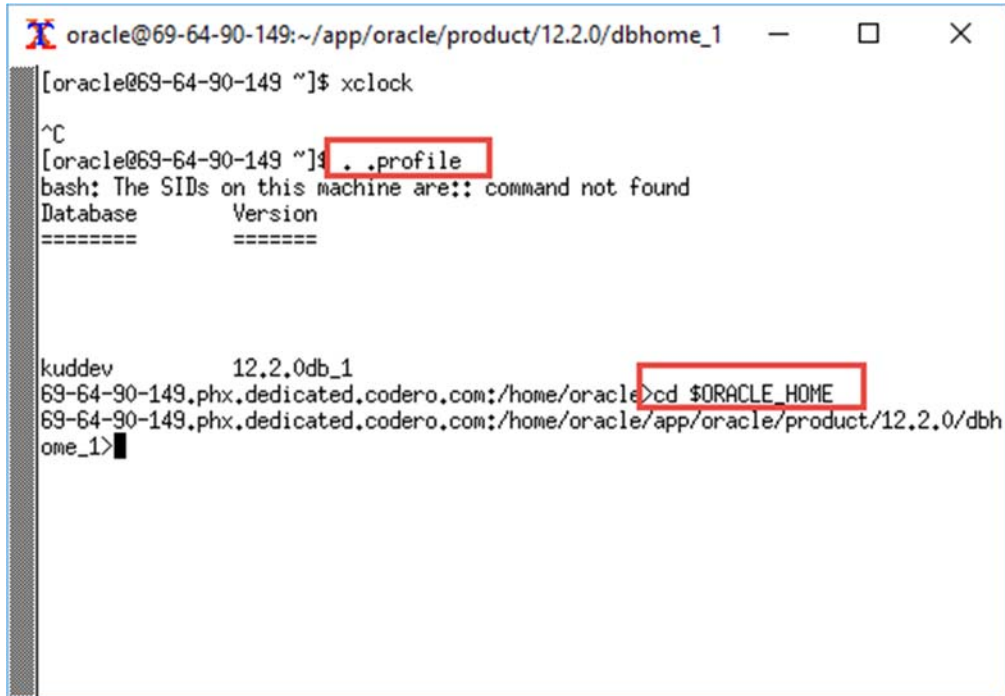


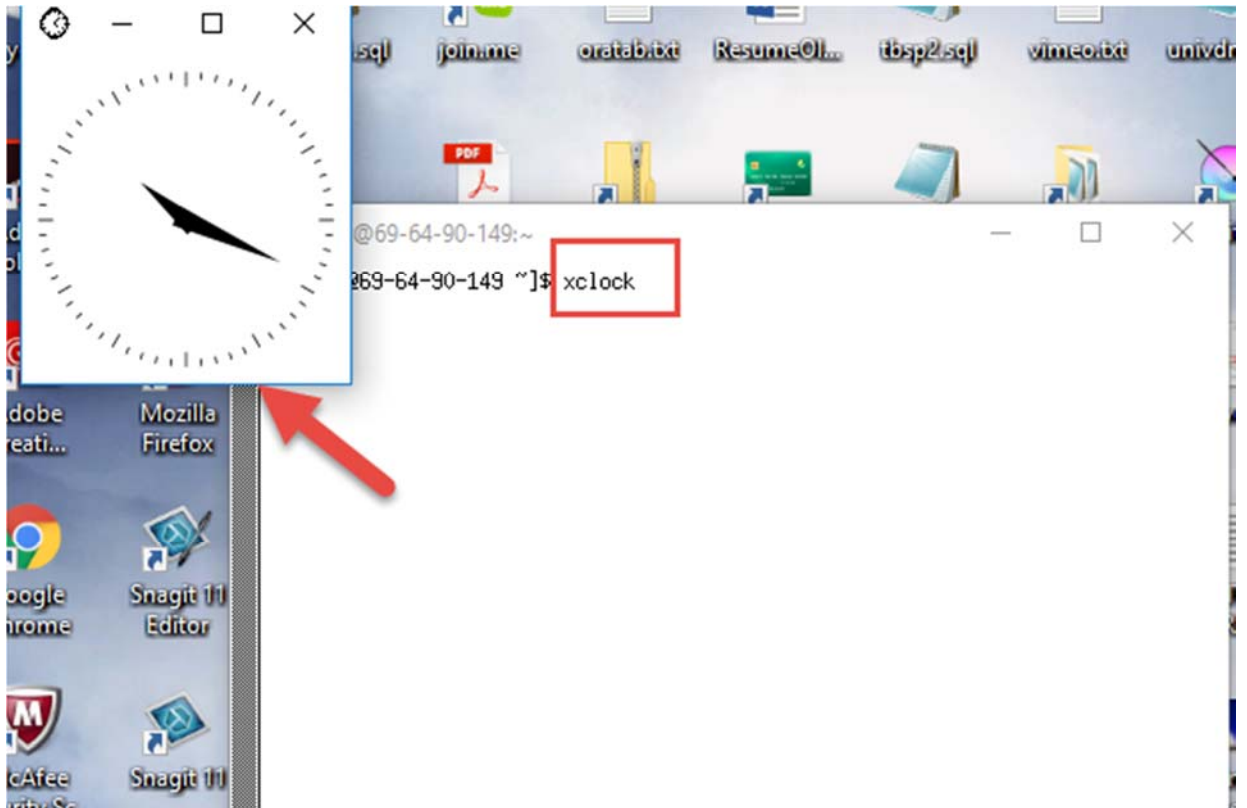
Steps To Create A Database Template On Linux Using DBCA

1. Run the .profile file to set the environment for the Oracle Home you are calling DBCA. Cd to \$ORACLE_HOME.

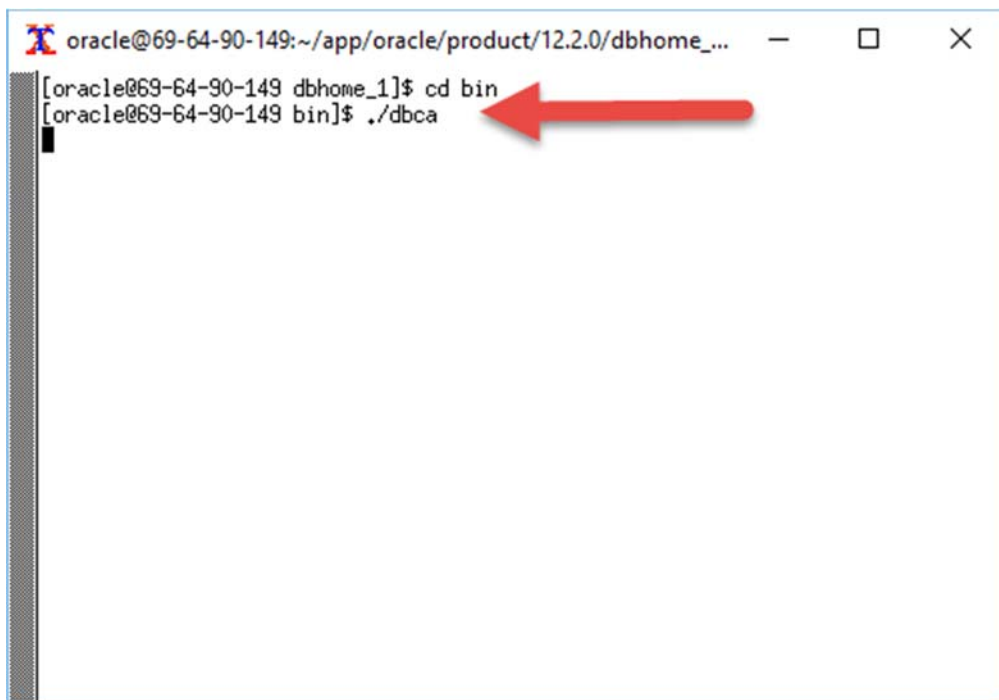


```
oracle@69-64-90-149:~/app/oracle/product/12.2.0/dbhome_1  —  □  ×  
[oracle@69-64-90-149 ~]$ xclock  
^C  
[oracle@69-64-90-149 ~]$ . .profile  
bash: The SIDs on this machine are:: command not found  
Database          Version  
=====          =====  
  
kuddev            12.2.0db_1  
69-64-90-149.phx.dedicated.codero.com:/home/oracle>cd $ORACLE_HOME  
69-64-90-149.phx.dedicated.codero.com:/home/oracle/app/oracle/product/12.2.0/dbh  
ome_1>
```

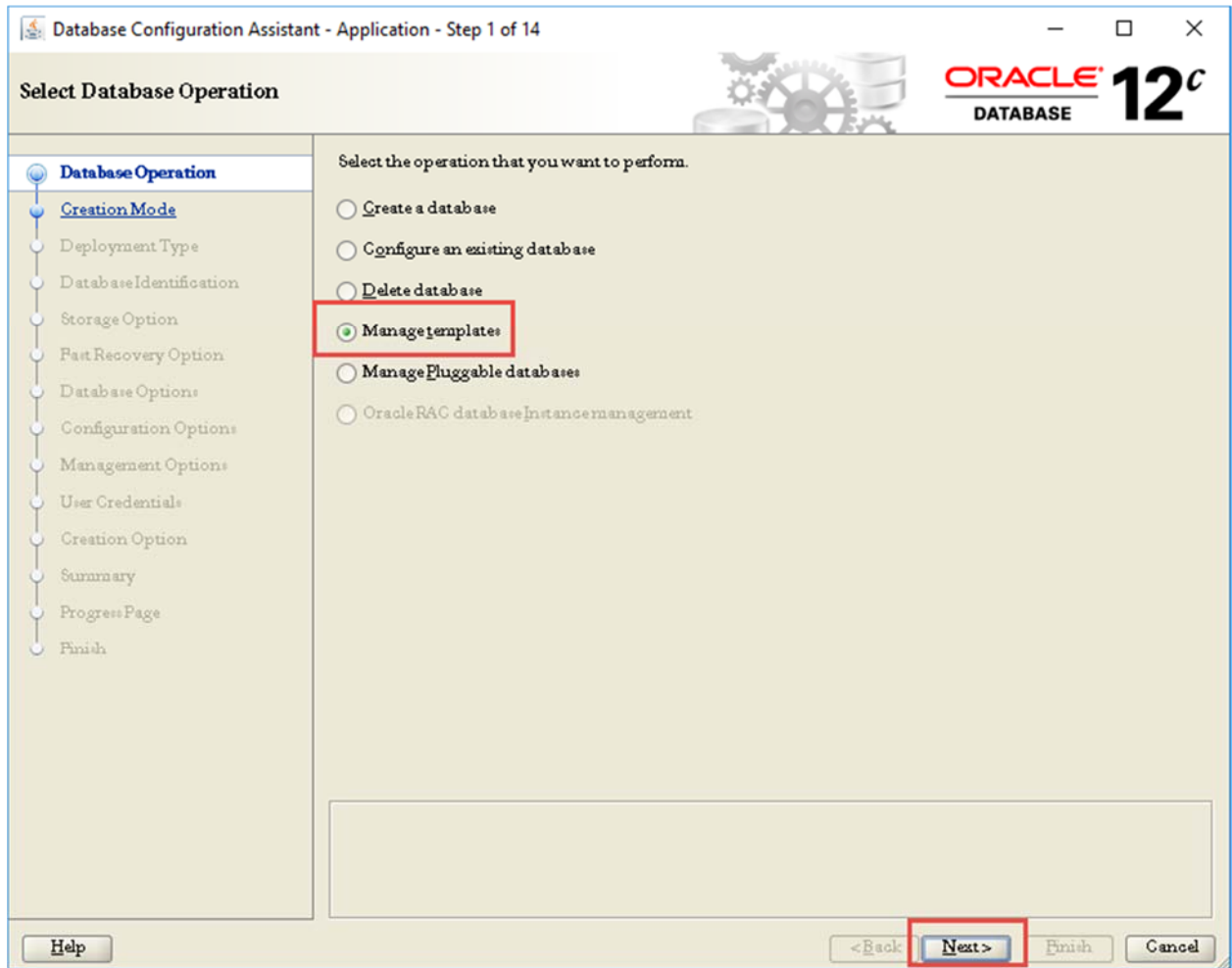
2. Configure the X server using Xming and launch xclock to check the display.



3. `cd` to bin and run `./dbca` to launch the Database Configuration Assistant.



4. Select **Manage templates**. Click Next.



5. Enter a name for your template or accept the default name generated by oracle and select the directory where you want it to be saved. The templates are generated and stored in the **\$ORACLE_HOME/assistants/dbca/templates** directory by default.

Database Configuration Assistant - Manage templates - Step 2 of 14

Template Management

Select the template management operation you want to perform.

☒ Create a database template

Template name:

Template location:

Description:

☐ Delete a database template

6. Select **Create template from an existing database** and select the name of the database from the drop down menu. In this case the database I am creating a template from is **kuddev**. Enter the SYS credentials if necessary.

Database Configuration Assistant - Manage templates - Step 3 of 14

ORACLE 12c DATABASE

Select Template Creation Option

A database template contains structural information of the source database e.g. database options, tablespaces, datafiles and initialization parameters. Additionally, it may contain user defined schemas and their data.

☐ Create template from an existing template

☒ Create template from an existing database

☐ Include datafiles (requires database downtime)

Specify a database that can be used to create a template. You can also use remote connection string if you want to create structure only template from a database that is configured on a remote home.

Database: kuddev

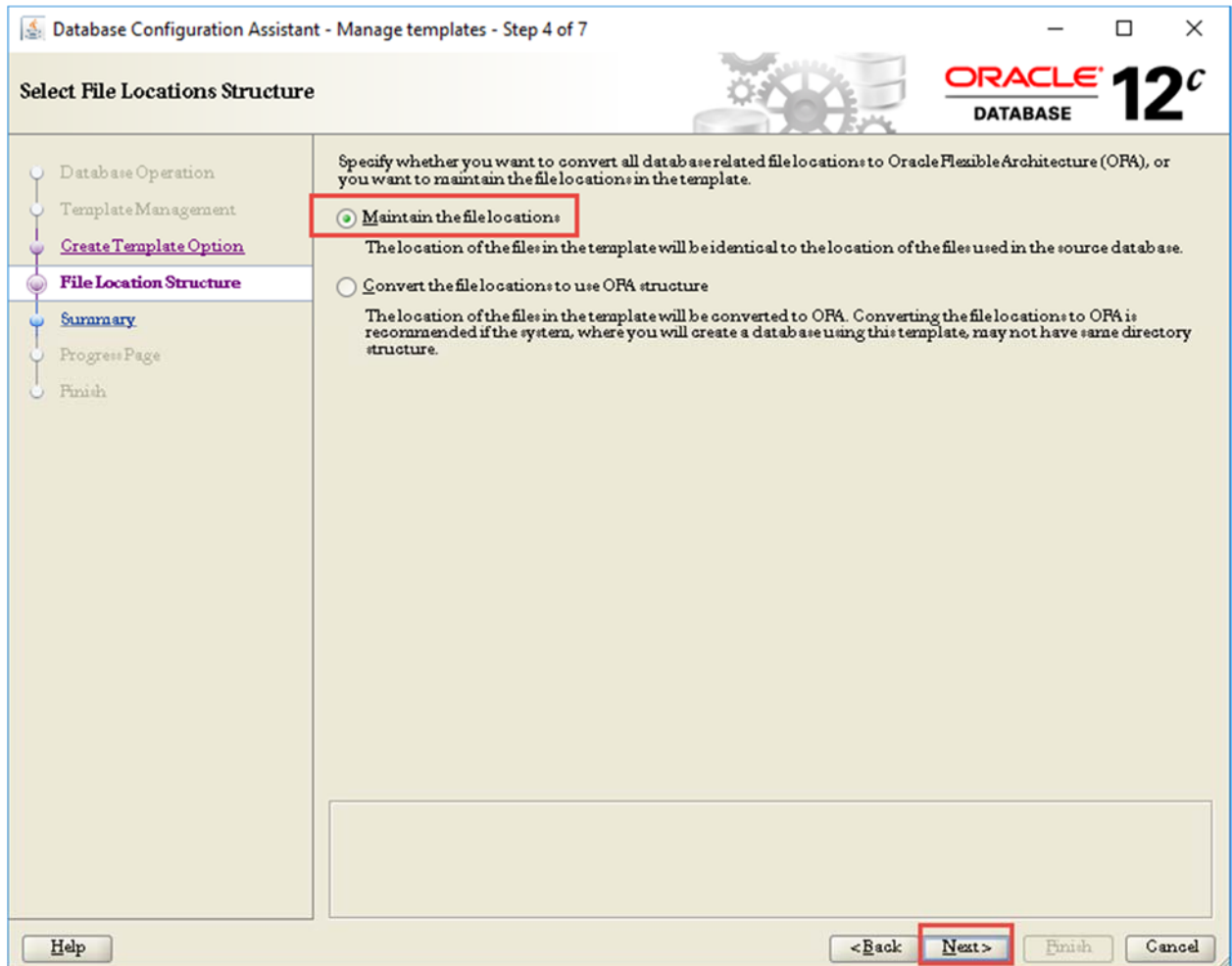
DBCA will connect to the database using OS based authentication. Database credentials may be needed if OS based authentication is disabled. Specify the credentials, if needed.

Username: system

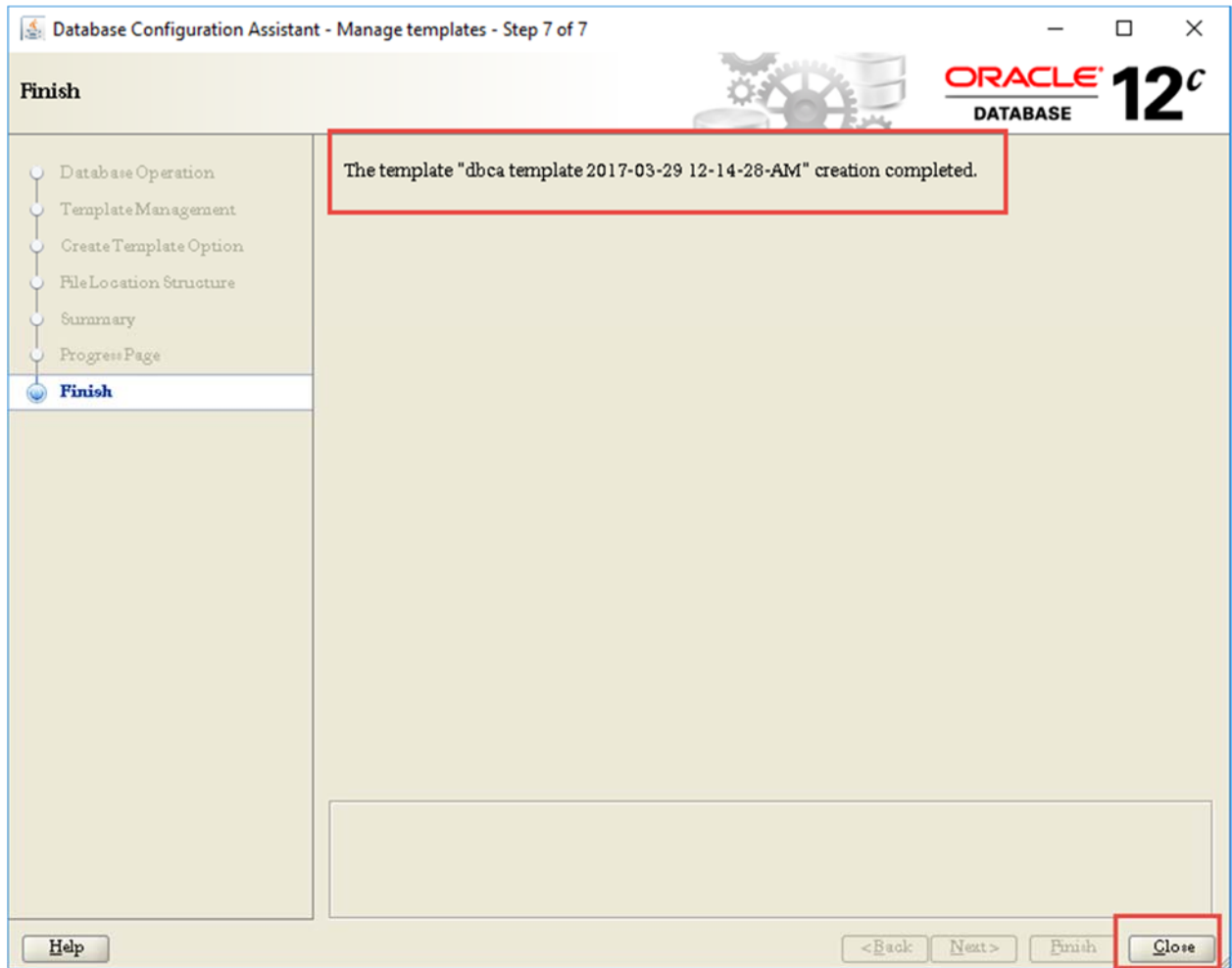
Password: *****

< Back Next > Finish Cancel

7. Select **Maintain the file locations** if you want to use the same file locations from the template.



8. Select Close to exit from DBCA.



9. Cd to and verify that the template has been created.

```
[69-64-90-149:oracle]$ls $ORACLE_HOME/assistants/dbca/templates
```

```
dbca_template_2017-03-29_12-14-28-AM.dbt
```