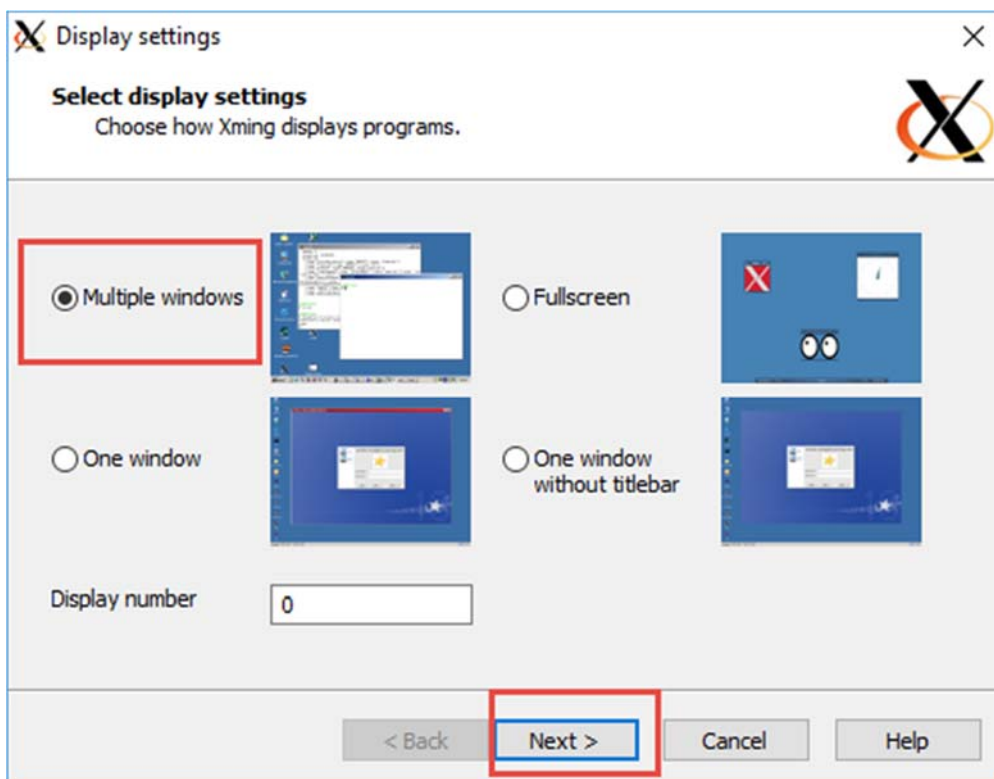


Steps To Install Oracle 12.2.0.1 On Linux

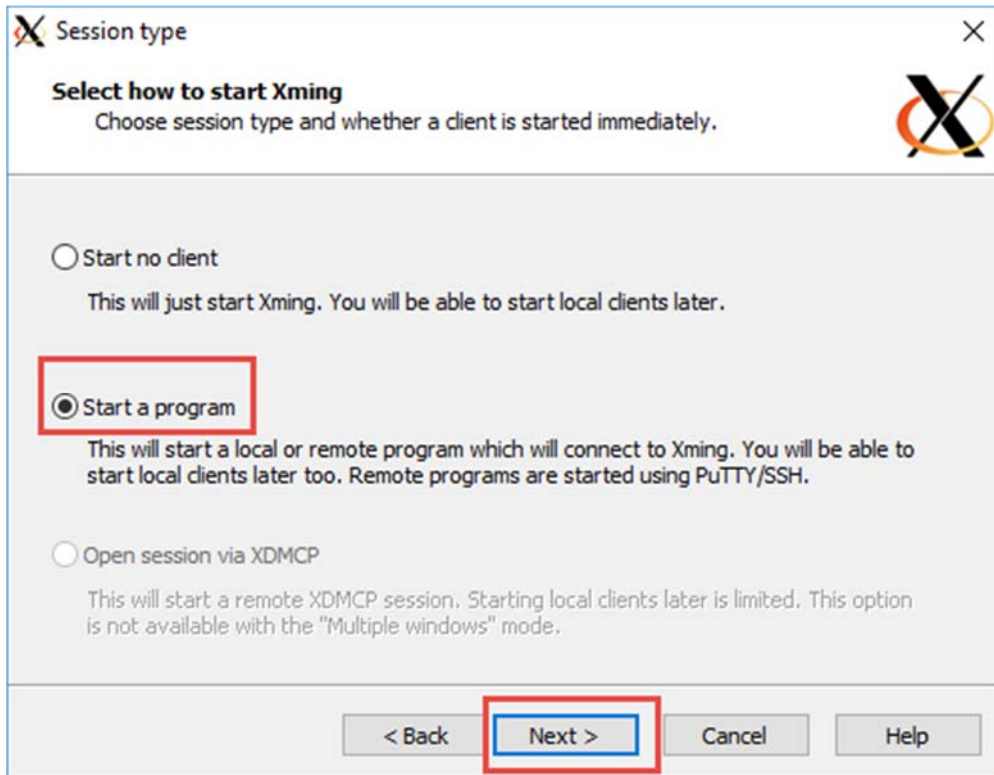
1. Select **XLaunch** from your desktop.



2. Select **Multiple windows**. Click Next.



3. Select **Start a program**. Click Next.



4. Enter **xterm** as the value for the **start program**. Select **Using Putty** (plink.exe). Enter the values for the computer you want to connect to and the user account you are connecting to.

Start program

Enter or choose one X client to Run Local or Run Remote
The program chooser can be populated by adding Program1="a" to Program10="j" to a config.xlaunch file.

Start program:

☐ Run Local

☒ Run Remote

☒ Using PuTTY (plink.exe) ☐ Using SSH (ssh.exe) ☐ With compression

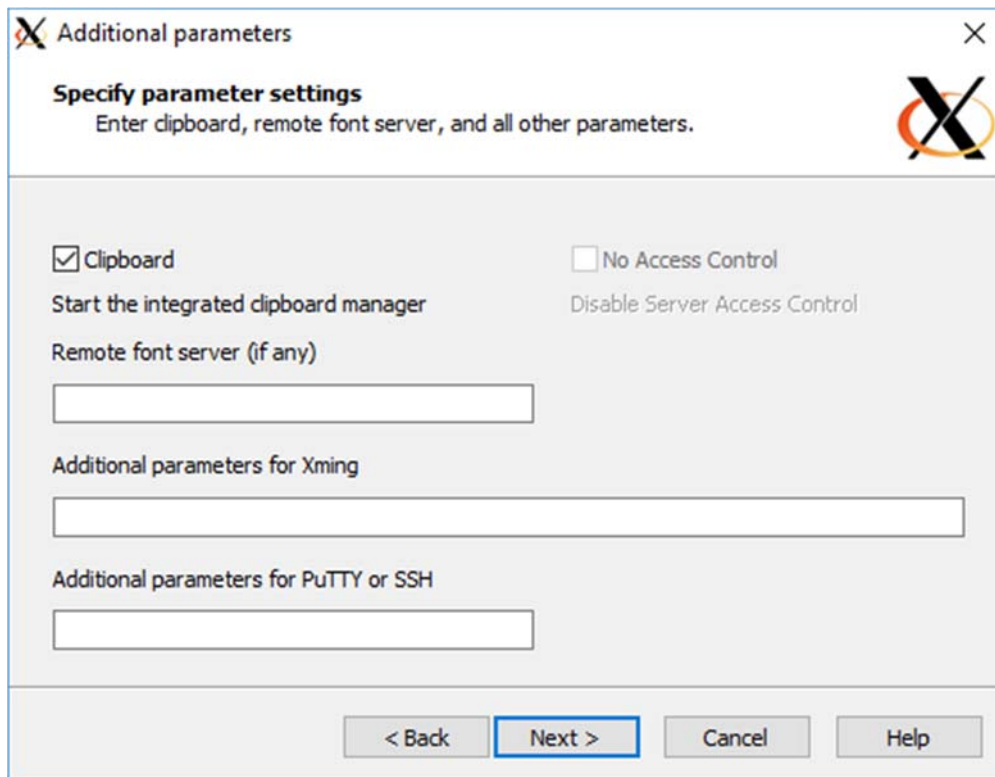
Connect to computer:

Login as user:

Password (leave blank if using PuTTY pageant):

< Back **Next >** Cancel Help

5. Accept the defaults and click Next.

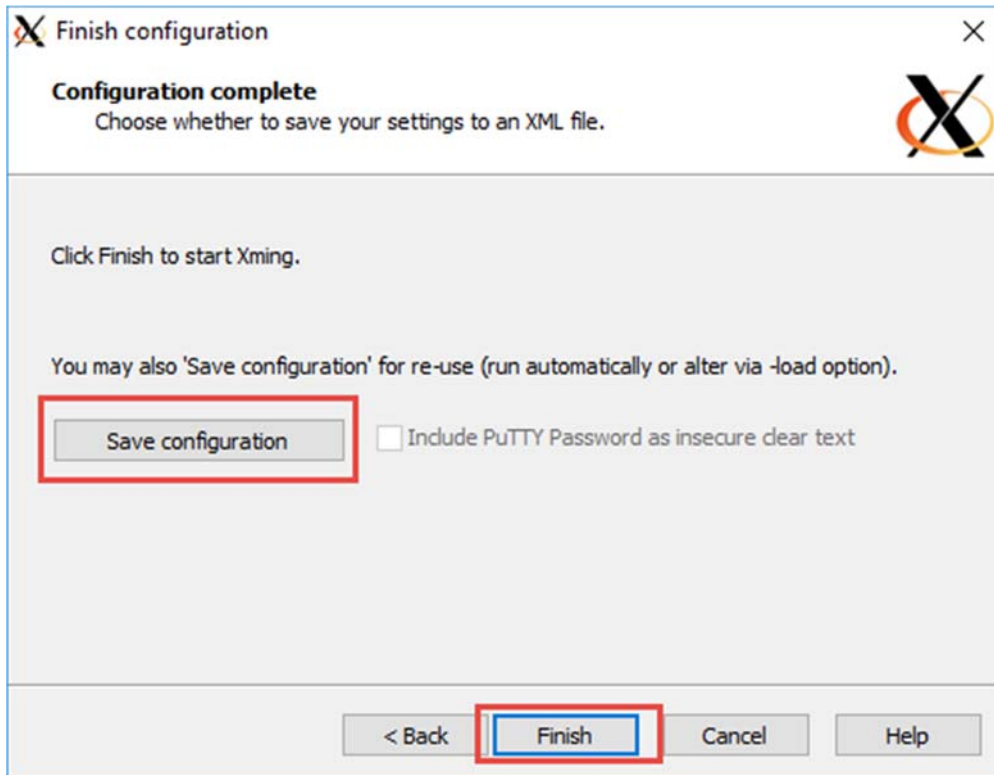


The screenshot shows a Windows-style dialog box titled "Additional parameters" with a close button (X) in the top right corner. Below the title bar, there is a section titled "Specify parameter settings" with a subtitle "Enter clipboard, remote font server, and all other parameters." and a large 'X' logo. The main area contains several options and input fields:

- ☒ Clipboard: Start the integrated clipboard manager
- ☐ No Access Control: Disable Server Access Control
- Remote font server (if any): [Empty text box]
- Additional parameters for Xming: [Empty text box]
- Additional parameters for PuTTY or SSH: [Empty text box]

At the bottom, there are four buttons: "< Back", "Next >" (highlighted with a blue border), "Cancel", and "Help".

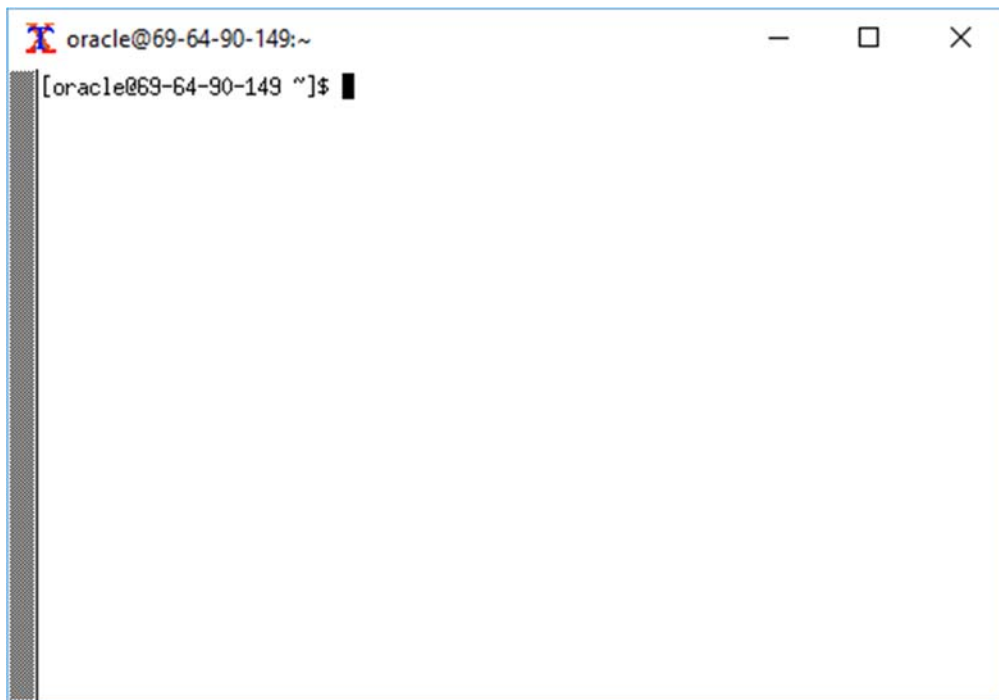
6. Select **Save configuration** so that you can reuse it. Click **Finish**.



7. Enter your password. Select Ok.



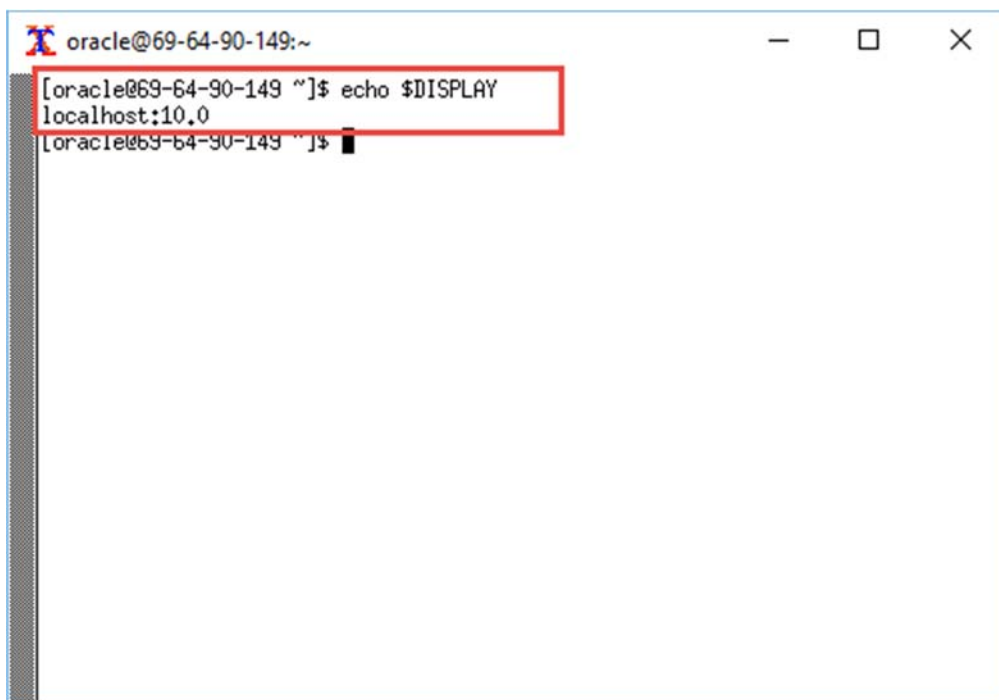
8. You will be connected to your account on Linux.



```
oracle@69-64-90-149:~  
[oracle@69-64-90-149 ~]$
```

A terminal window with a blue border and standard window controls. The title bar shows 'oracle@69-64-90-149:~'. The terminal content shows the prompt '[oracle@69-64-90-149 ~]\$' followed by a black cursor.

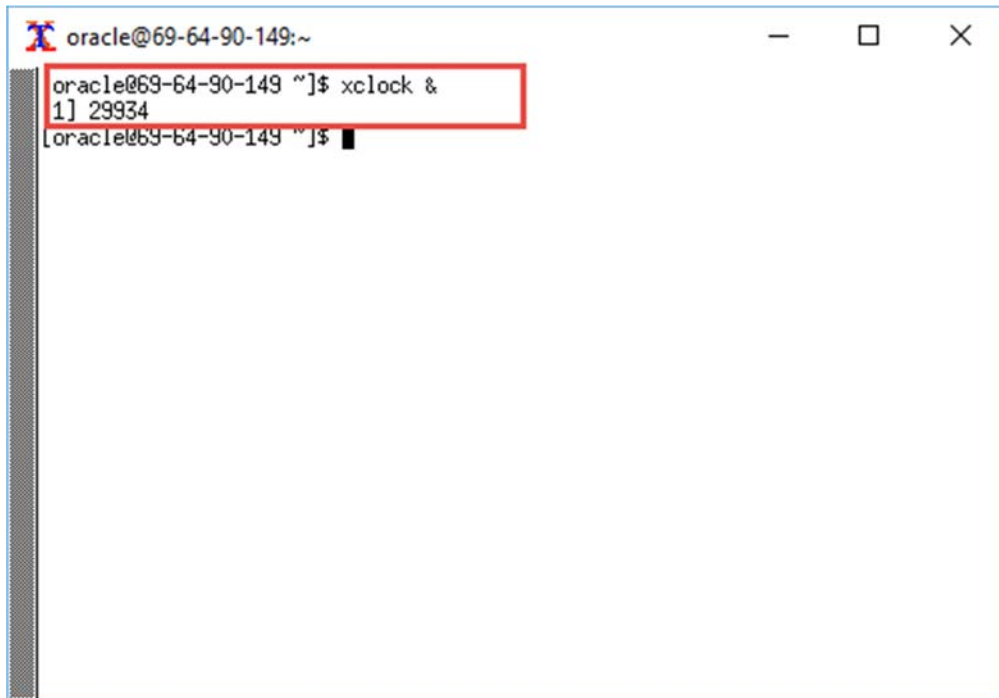
9. Check that the display has been set to localhost:10.0



```
oracle@69-64-90-149:~  
[oracle@69-64-90-149 ~]$ echo $DISPLAY  
localhost:10.0  
[oracle@69-64-90-149 ~]$
```

A terminal window similar to the previous one. The command 'echo \$DISPLAY' has been entered and executed, with the output 'localhost:10.0' displayed. A red rectangular box highlights the command and its output.

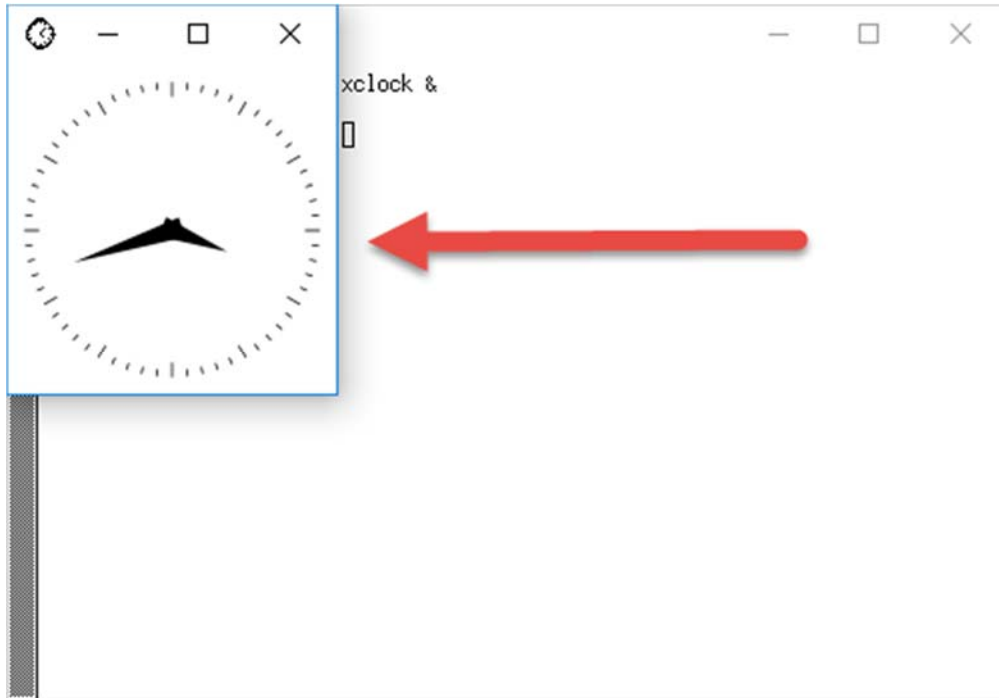
10. Call **xclock** to verify that the display works as expected.



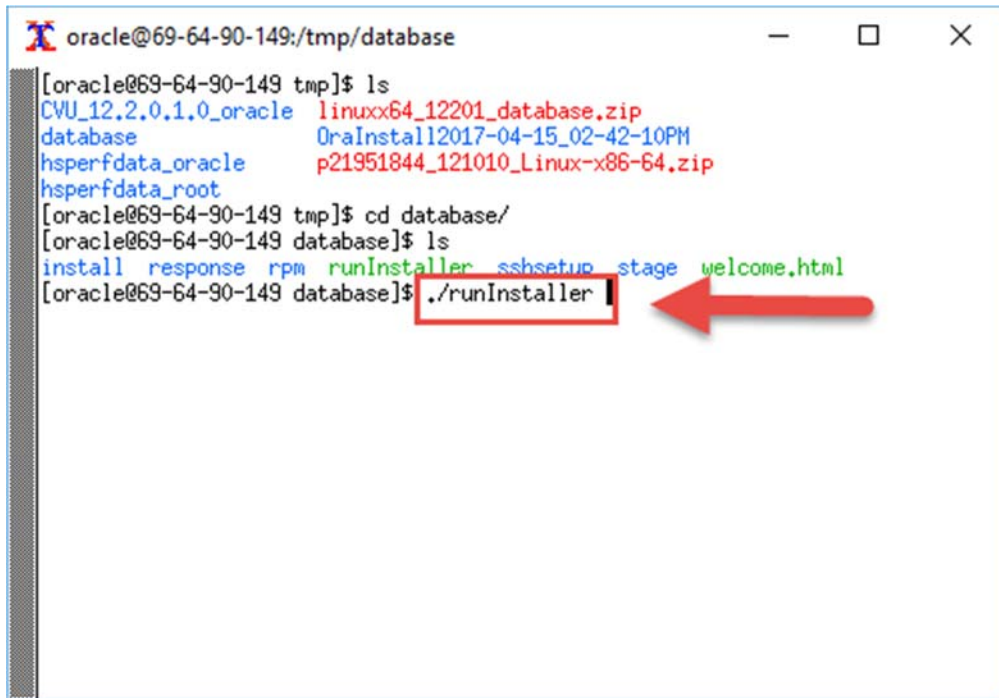
```
oracle@69-64-90-149:~  
oracle@69-64-90-149 ~]$ xclock &  
1) 29934  
oracle@69-64-90-149 ~]$
```

A terminal window with a blue border and standard window controls (minimize, maximize, close) in the top right. The title bar shows 'oracle@69-64-90-149:~'. The terminal content shows the command 'xclock &' being executed, followed by a prompt '1) 29934' and a new prompt 'oracle@69-64-90-149 ~]\$'. A red rectangular box highlights the command and its immediate output.

11. The clock will pop up on the terminal to confirm that the display works and you are ready to launch Oracle Universal Installer (OUI).

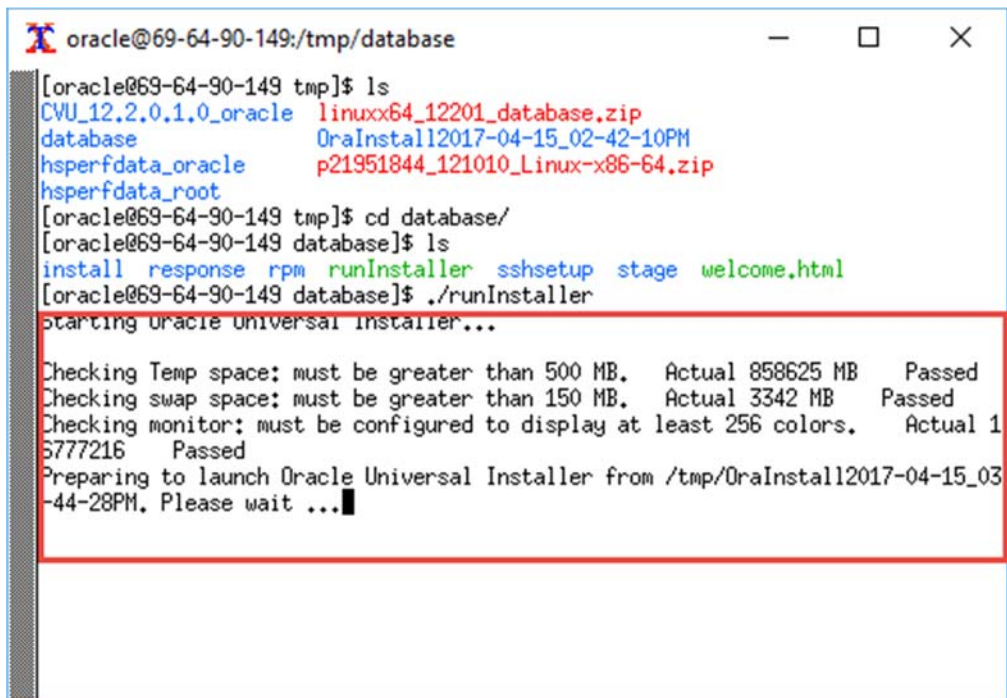


12. Go to the directory where you unzipped the oracle software and call the **runInstaller**.

A terminal window titled 'oracle@69-64-90-149:/tmp/database' with standard window controls. The terminal shows a sequence of commands: 'ls' in the '/tmp' directory listing files like 'CVU_12.2.0.1.0_oracle', 'database', 'hsperfdata_oracle', and 'hsperfdata_root'; 'cd database/' to change to the 'database' subdirectory; another 'ls' command listing files like 'install', 'response', 'rpm', 'runInstaller', 'sshsetup', 'stage', and 'welcome.html'; and finally, the command './runInstaller' which is highlighted with a red box. A large red arrow points from the right towards the boxed command.

```
oracle@69-64-90-149:/tmp/database
[oracle@69-64-90-149 tmp]$ ls
CVU_12.2.0.1.0_oracle  linuxx64_12201_database.zip
database              OraInstall2017-04-15_02-42-10PM
hsperfdata_oracle     p21951844_121010_Linux-x86-64.zip
hsperfdata_root
[oracle@69-64-90-149 tmp]$ cd database/
[oracle@69-64-90-149 database]$ ls
install  response  rpm  runInstaller  sshsetup  stage  welcome.html
[oracle@69-64-90-149 database]$ ./runInstaller
```

13.OUI will check that the system has the right configurations and the display has been set before it launches.



```
oracle@69-64-90-149:/tmp/database
[oracle@69-64-90-149 tmp]$ ls
CVU_12.2.0.1.0_oracle  linuxx64_12201_database.zip
database              OraInstall2017-04-15_02-42-10PM
hsperfdata_oracle     p21951844_121010_Linux-x86-64.zip
hsperfdata_root
[oracle@69-64-90-149 tmp]$ cd database/
[oracle@69-64-90-149 database]$ ls
install response rpm runInstaller sshsetup stage welcome.html
[oracle@69-64-90-149 database]$ ./runInstaller
starting Oracle Universal Installer...

Checking Temp space: must be greater than 500 MB.   Actual 858625 MB   Passed
Checking swap space: must be greater than 150 MB.   Actual 3342 MB   Passed
Checking monitor: must be configured to display at least 256 colors.   Actual 1
6777216   Passed
Preparing to launch Oracle Universal Installer from /tmp/OraInstall2017-04-15_03
-44-28PM. Please wait ...
```

14. Select Next.

Oracle Database 12c Release 2 Installer - Step 1 of 9

Configure Security Updates

Provide your email address to be informed of security issues, install the product and initiate configuration manager. [View details.](#)

Email:

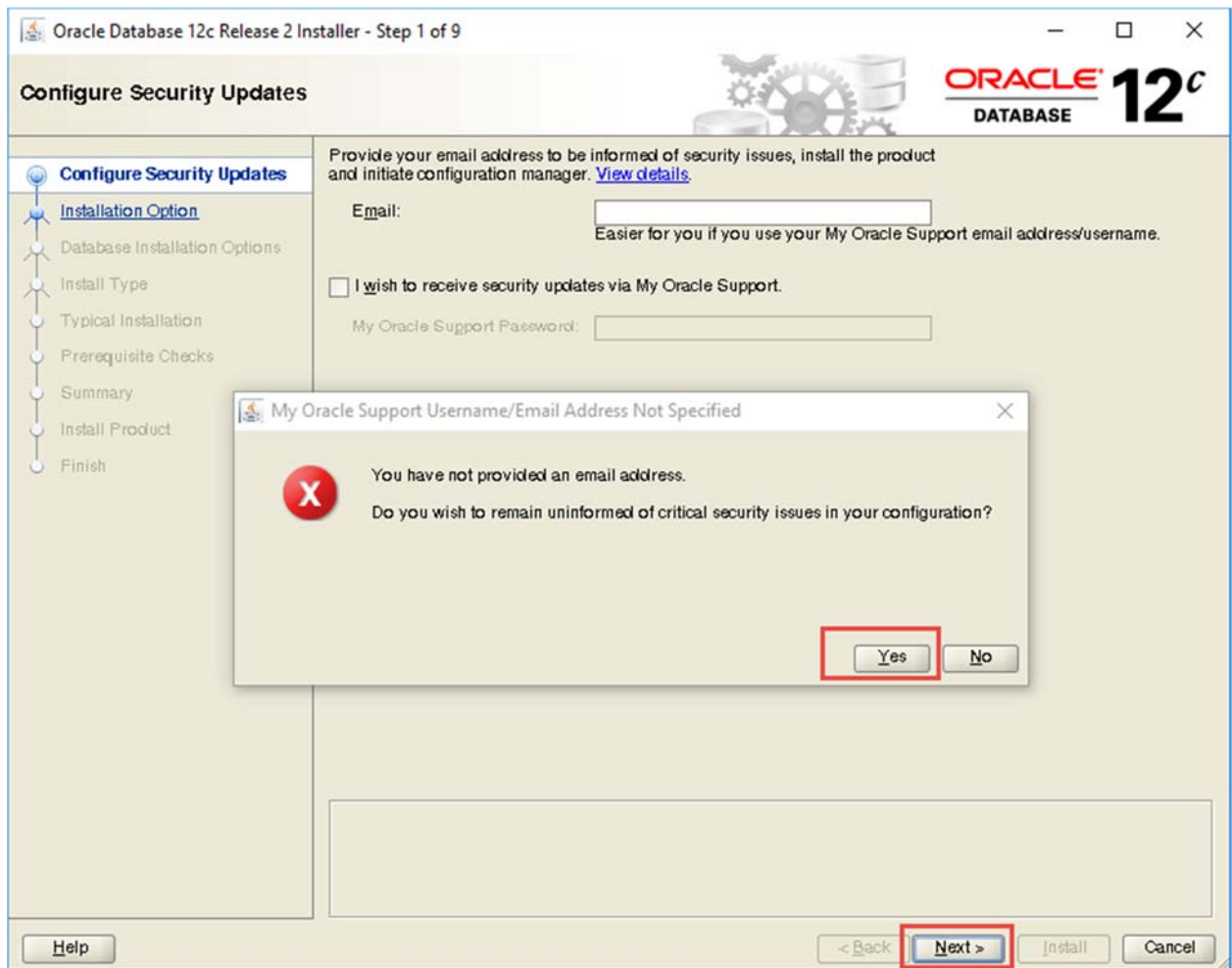
Easier for you if you use your My Oracle Support email address/username.

☐ I wish to receive security updates via My Oracle Support.

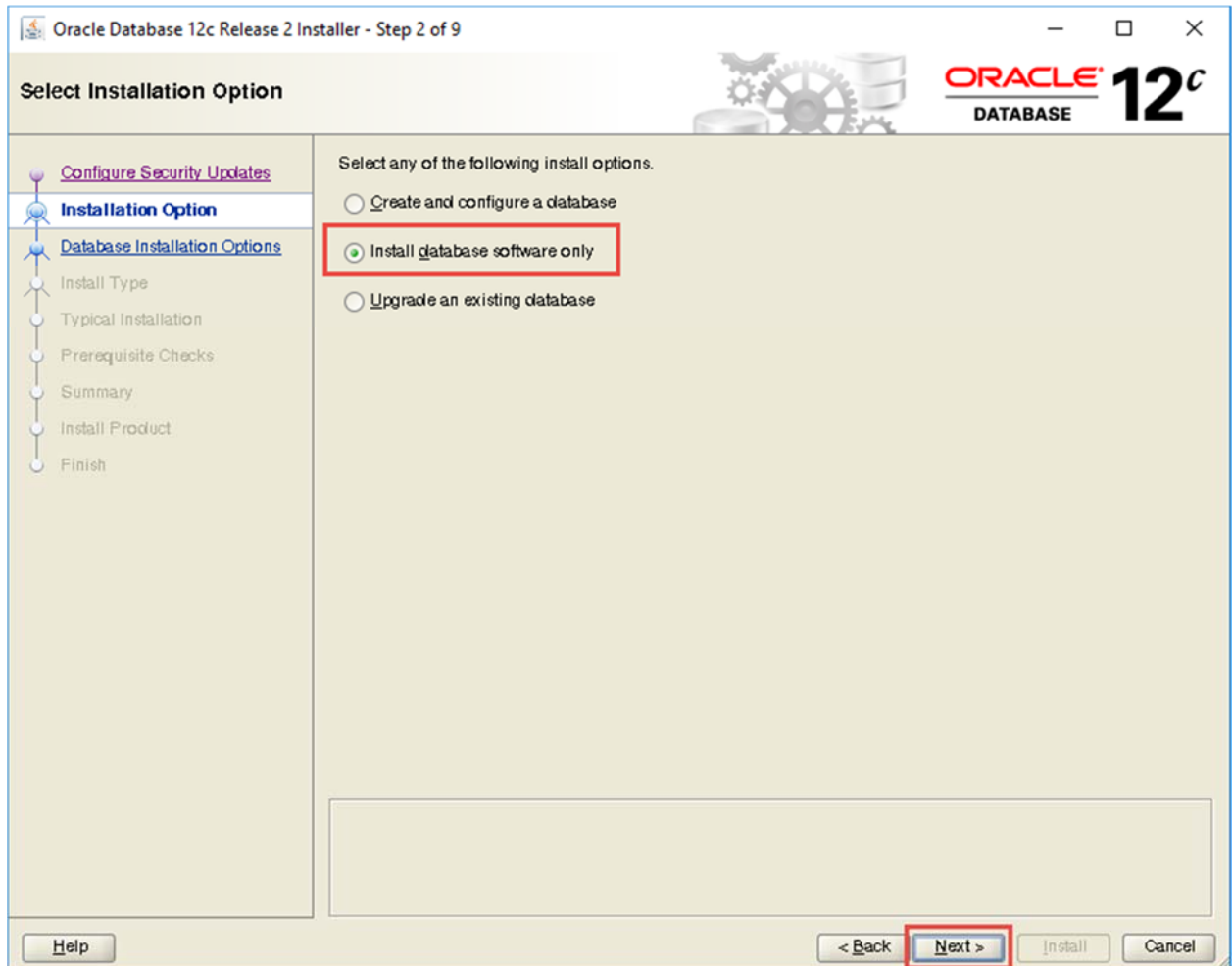
My Oracle Support Password:

[Help](#) [< Back](#) **Next >** [Install](#) [Cancel](#)

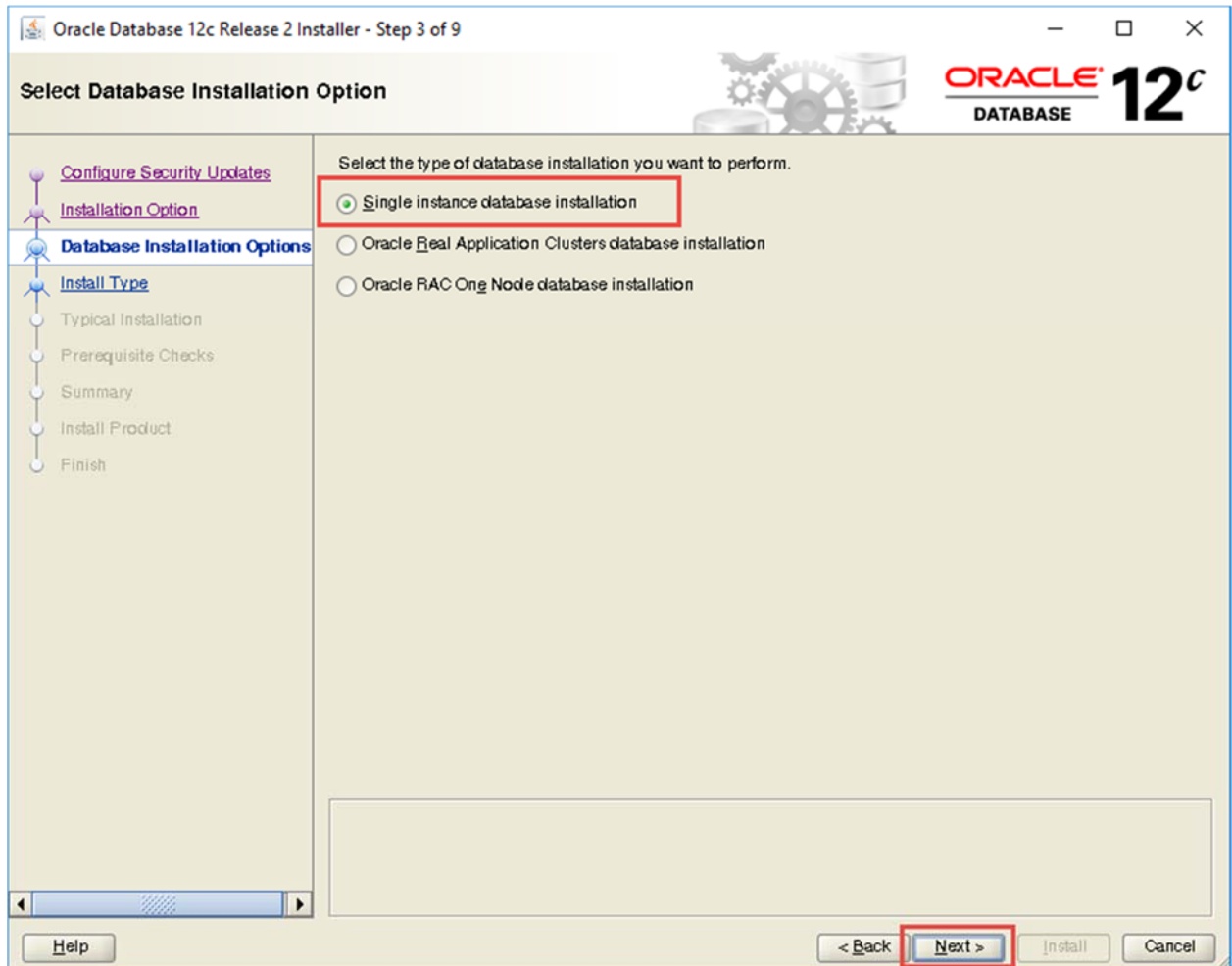
15. The Installer with verify if you wish to not provide your email address.
Select **Yes**. Click Next.



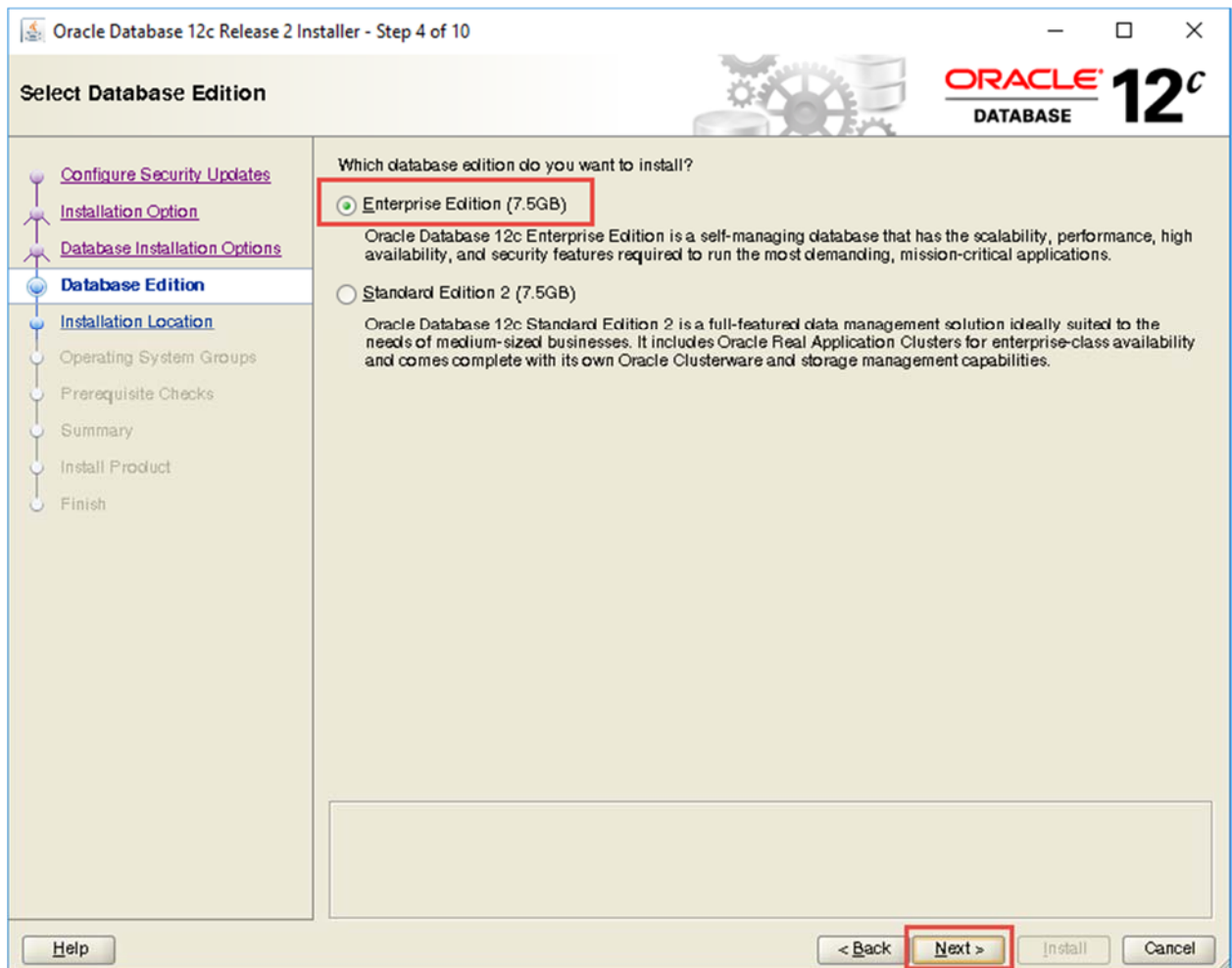
16. Select **Install database software only**. Click next.



17. Select **Single instance database installation**. Click Next.



18. Select **Enterprise Edition**. Click Next.



19. Enter the values for the **Oracle base** and **Software location**. Click Next.

Oracle Database 12c Release 2 Installer - Step 5 of 10

Specify Installation Location

[Configure Security Updates](#)
[Installation Option](#)
[Database Installation Options](#)
[Database Edition](#)
[Installation Location](#)
[Operating System Groups](#)
Prerequisite Checks
Summary
Install Product
Finish

Specify a path to place all Oracle software and configuration-related files installed by this installation owner. This location is the Oracle base directory for the installation owner.

Oracle base:

Specify a location for storing Oracle database software files separate from database configuration files in the Oracle base directory. This software directory is the Oracle database home directory.

Software location:

20. Enter the **groups** configured for the administrative accounts. Click Next.

Oracle Database 12c Release 2 Installer - Step 6 of 10

Privileged Operating System groups

SYS privileges are required to create a database using operating system (OS) authentication. Membership in OS Groups grants the corresponding SYS privilege, eg. membership in OSDBA grants the SYSDBA privilege.

Database Administrator (OSDBA) group: dba

Database Operator (OSOPEP) group (Optional):

Database Backup and Recovery (OSBACKUPDBA) group: backupdba

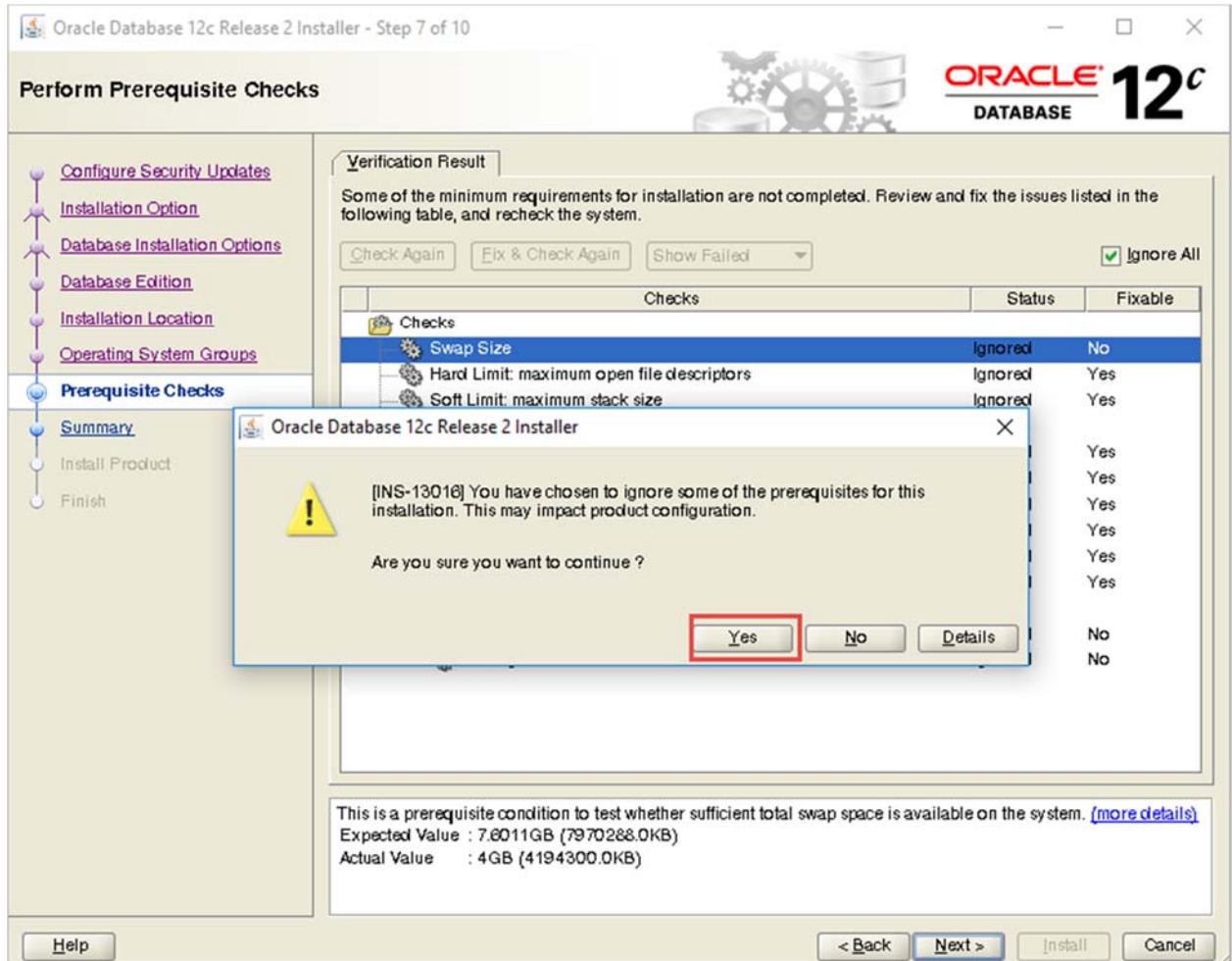
Data Guard administrative (OSDGDBA) group: dgdba

Encryption Key Management administrative (OSKMDBA) group: kmdba

Real Application Cluster administrative (OSRACDBA) group: racdba

Help < Back **Next >** [Install] Cancel

21.If the requirements are not fixed, the installer will ask you if you want to ignore them (I would recommend that you go back and fix them before proceeding with the installation). Select yes. Click Next.



22. Verify the values displayed on the page summary that they are accurate.
Select **Install** and monitor the installation until it complete.

