SOFTWARE HOUSE

GHOSTECH SOLUTIONS

Table of Contents

I. **About This Manual** .....
II. **Important this to be noted** .....
III. **Applications to be installed with version and file name** .....
IV. **Installation of JDK 1.7.45** .....
V. **Installation of Web Logic Server** .....

Oracle 11g Middleware installation & Configuration Guide

Vision Plus ERP Installation Pre-Requirements

VI. **Installation of Application Server** .....Error! Bookmark not defin
VII. **Installation of Database** .....
VIII. **Configuration Setting** .....

About This Manual

Main objective of this guide is to install and configure oracle 11g application Server on windows Server 2012 R2. Note that currently windows server 2012 R2 is not certified for installation but there will be no problem for installation.

Important this to be noted

Don't install any 32-bit application it will cause problem. Specially check for JRE it must be 64 bit if not then uninstall it

Applications to be installed with version and file name

1. Install Java JDK 1.7.45 64 as after this version it will cause problem file name ***jdk-7u45-windows-x64.exe***
2. Install Web Logic V. 10.3.6 file name is ***wls1036_generic.jar*** (Must restart system after installation)
3. Install forms server version 11.1.2.2.0 from folder **ofm_frmrpts_win_11.1.2.2.0_64 select setup.exe**

After installation configure the server

Important note:

It is a good practice to install following software. You may need these software during installation.

- Win rar (it is possible that you need to extract good 11g setting or other folder).
- Aammy and team viewer (you need these software after configuration. You must change the password of team viewer and new password will be ''123456'' and save the team viewer id and password so that vision plus software can be updated with this information).
- Firefox Browser

Installation of JDK 1.7.45

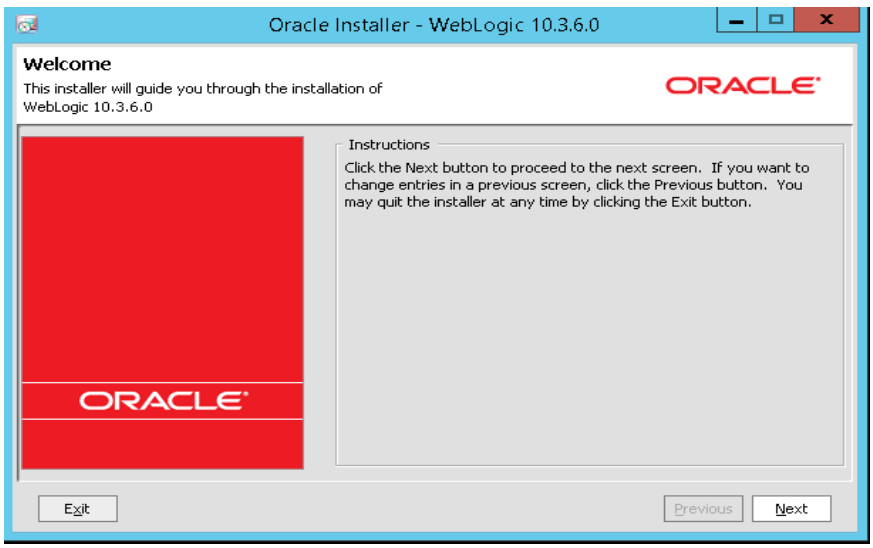
Installation of JDK 1.7.45 is straight forward on run the installation software and go for default setting for the installation option (7u45)

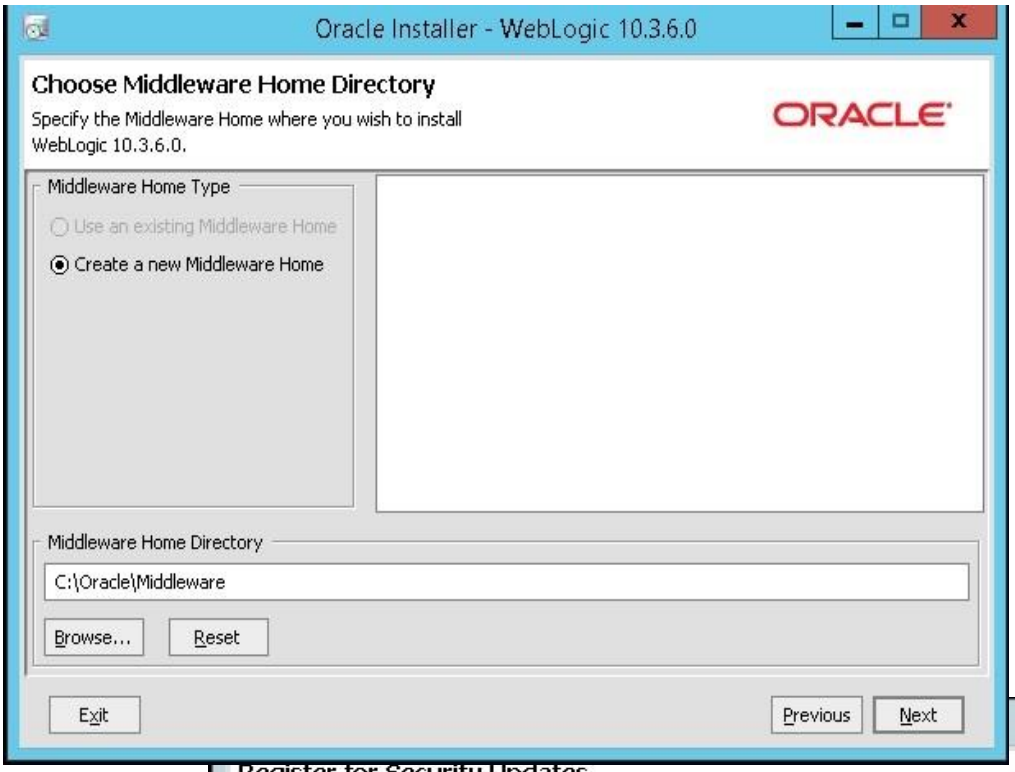
Installation of Web Logic Server

To install generic version of Web logic Server run the file ***wls1036_generic.jar.*** This file is java file will use Java to run. Right click on setup and open with java option.

Step 1

Press Next will show you next screen.

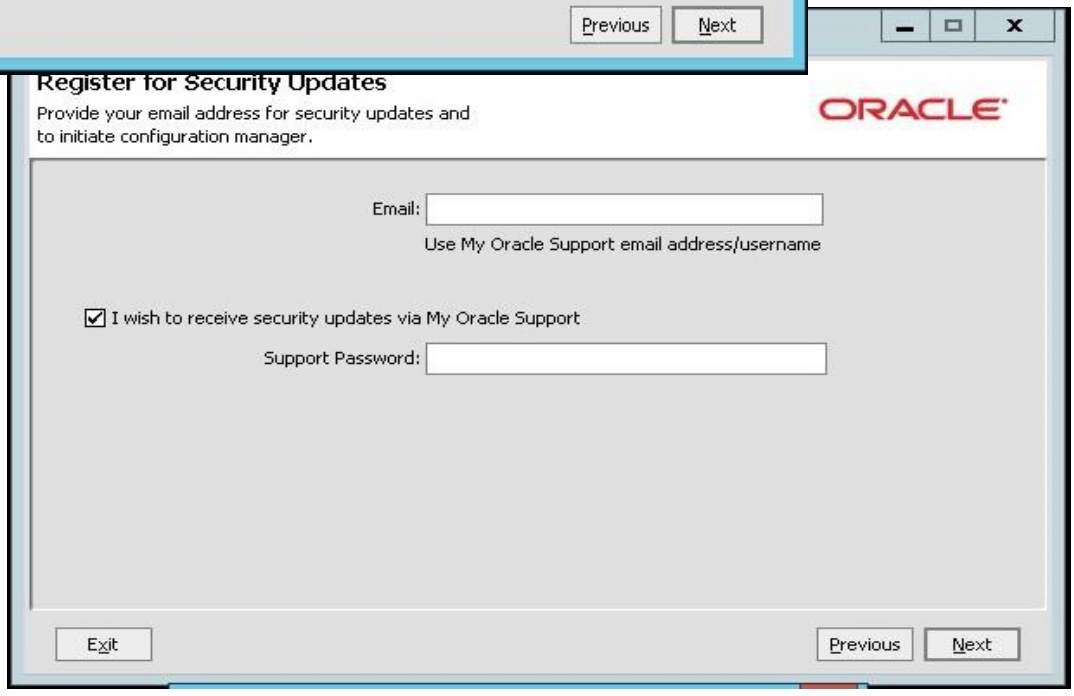




Step 2

On this screen you will have to select the installation directory change the location to other drive if you want to install file on other location other than C: It is recommended the don't change the directory structure it may cause some confusion to configure applications latter .

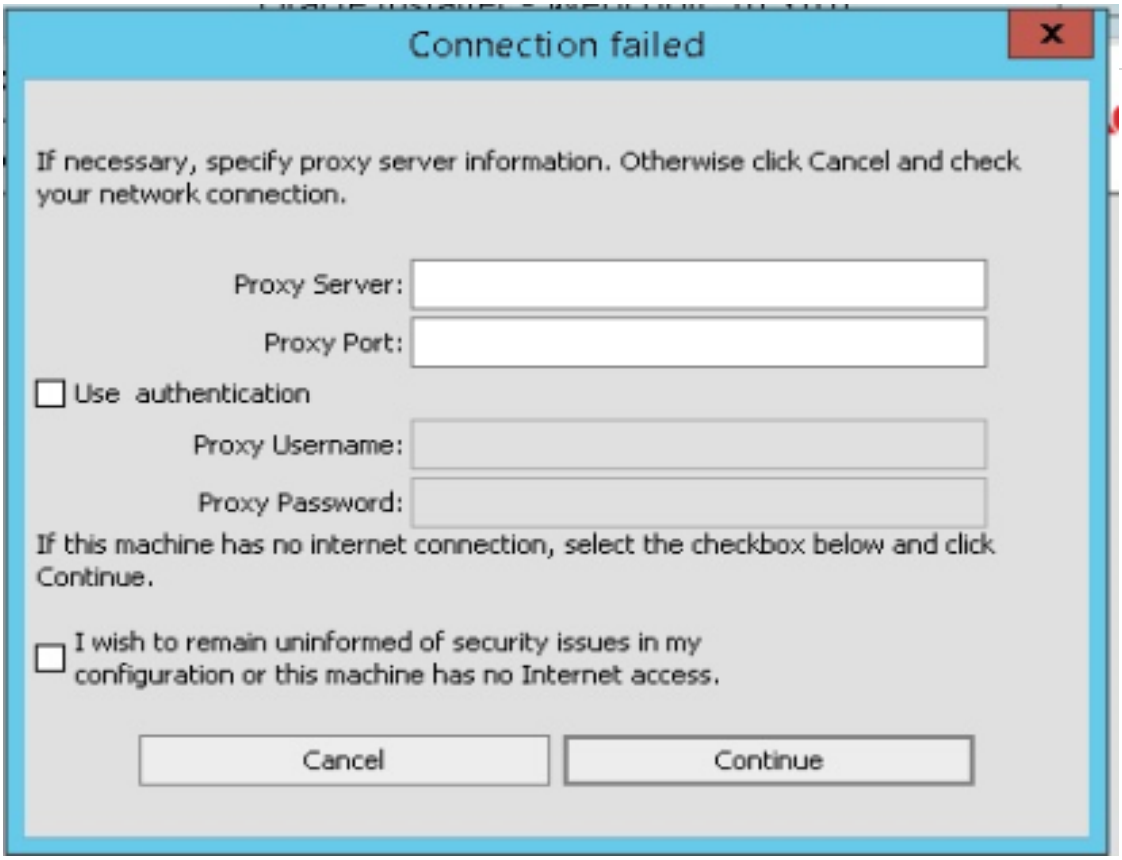
After giving path click on next button.



Step 3

Uncheck the box '' I wish to receive security update via my Oracle support''.

After uncheck it will confirm please confirm it (New window open)



This window open when you uncheck then click on yes button.

After pressing yes button click on next button.

When you press next then other window will be open here.

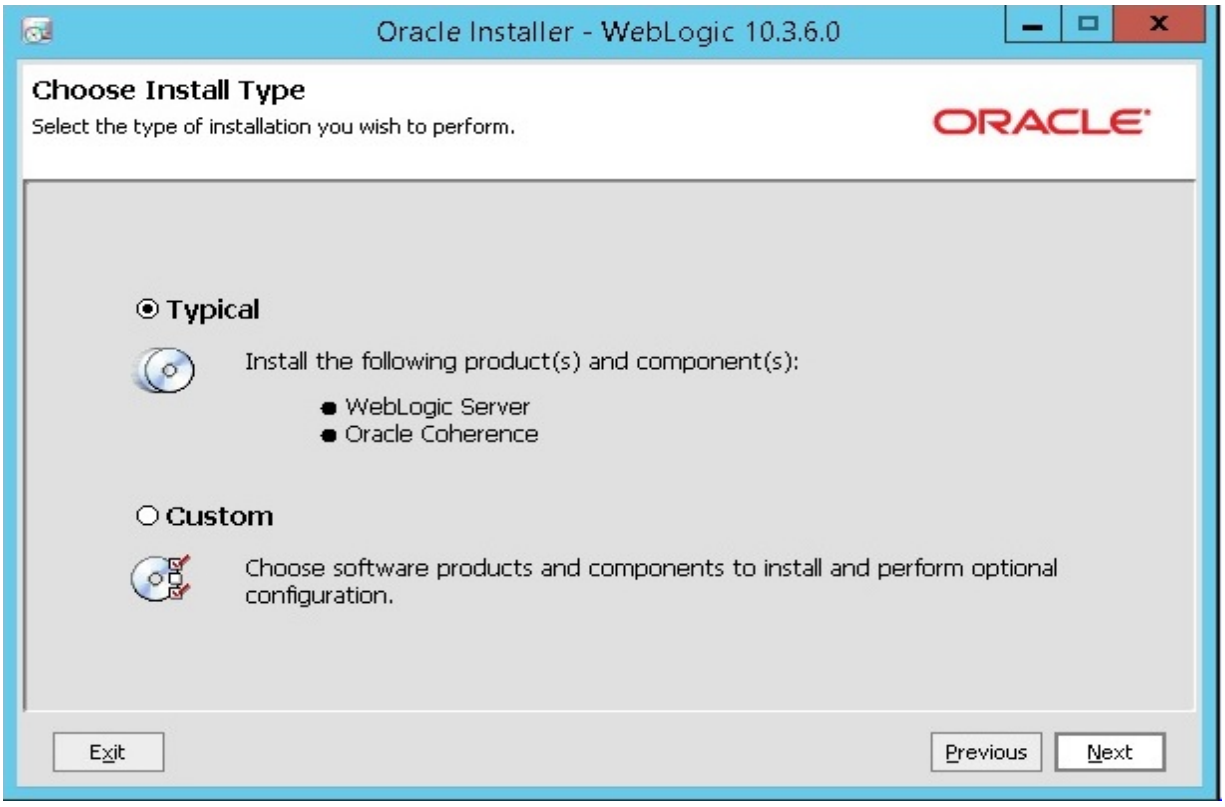
NOW(NEW WINDOW OPEN)

Here select second check box ''I wish to remain uninformed of security issue in my configuration or this machine has no internet access''

After selecting press ''Continue'' button.

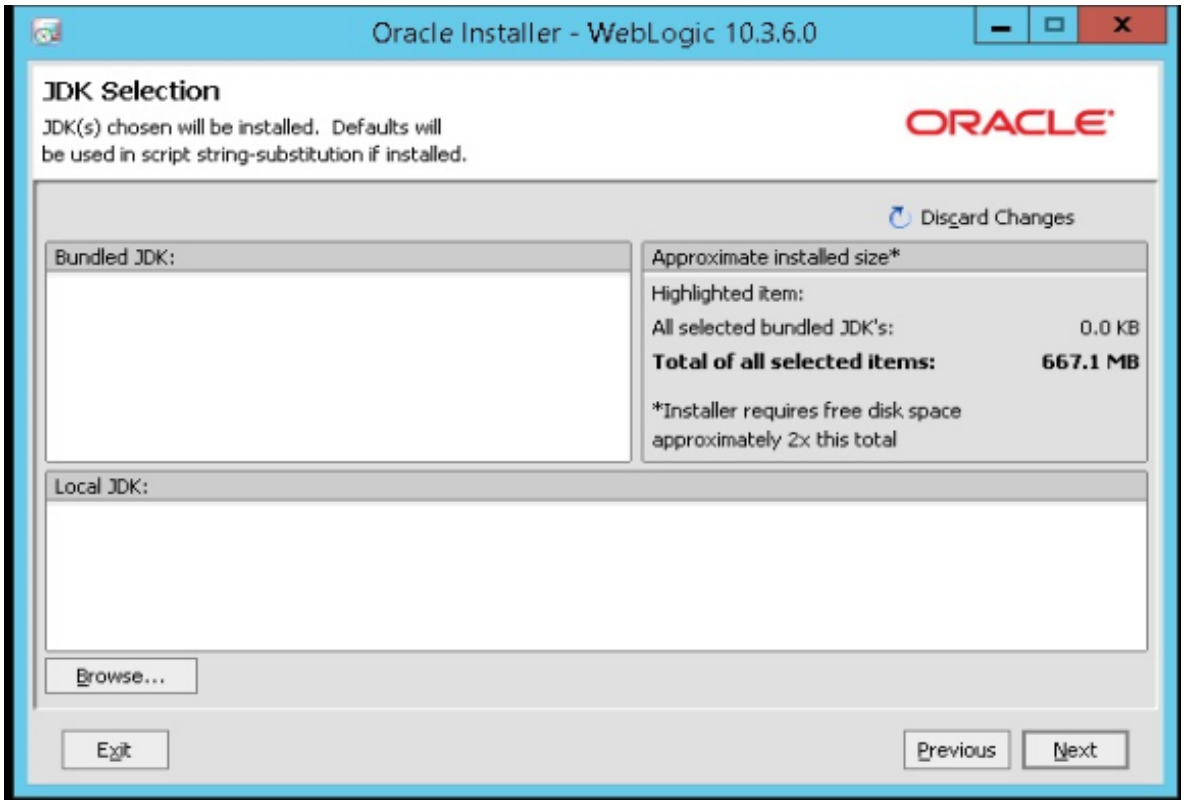
Step 4

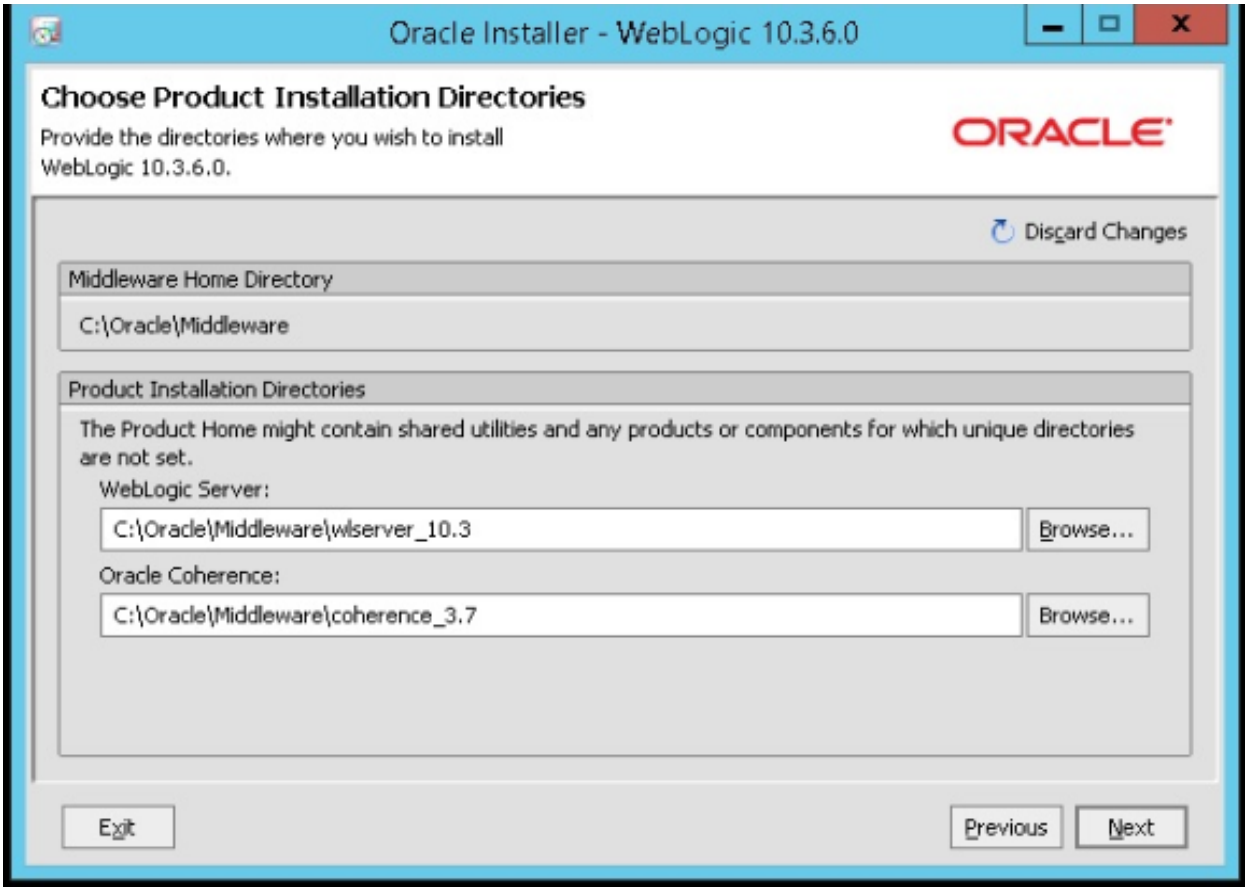
Here select ''Typical'' option and then press ''Next'' button.



Step 5

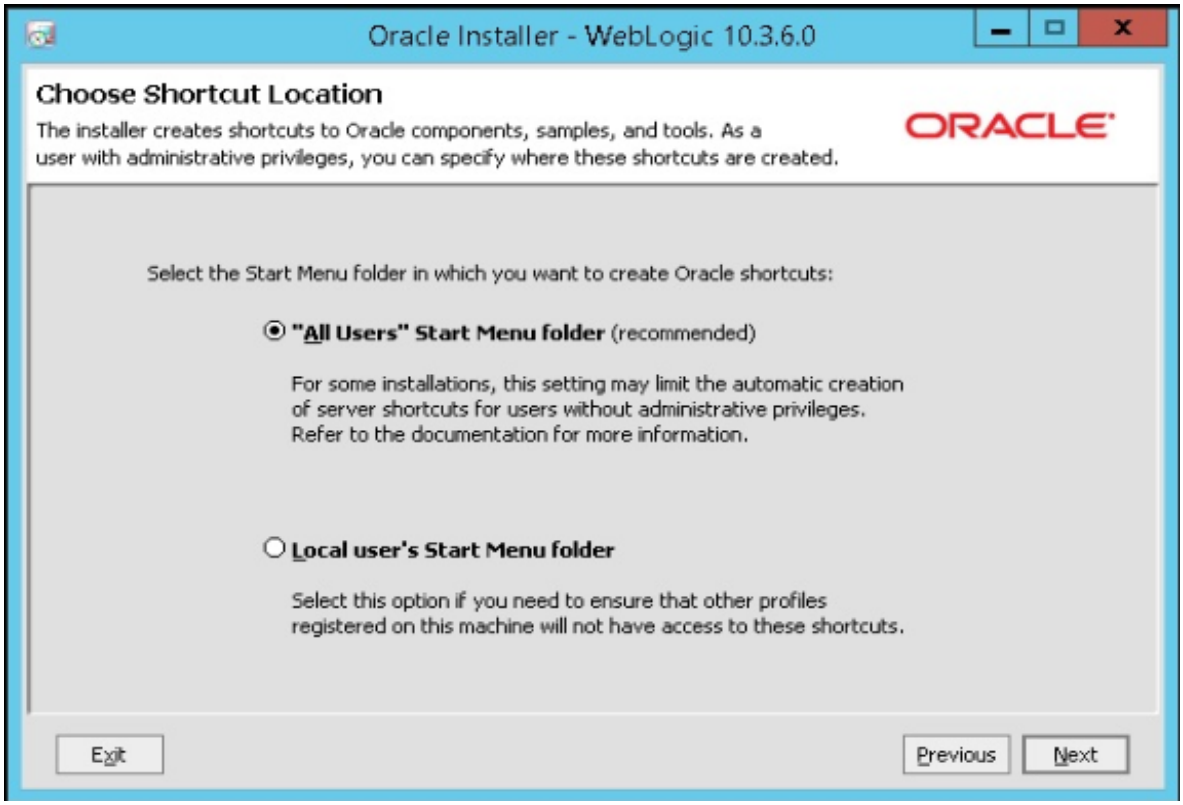
First click on ''browse'' button then select drive where jdk installed and then select jdk and then press ''Next'' button.





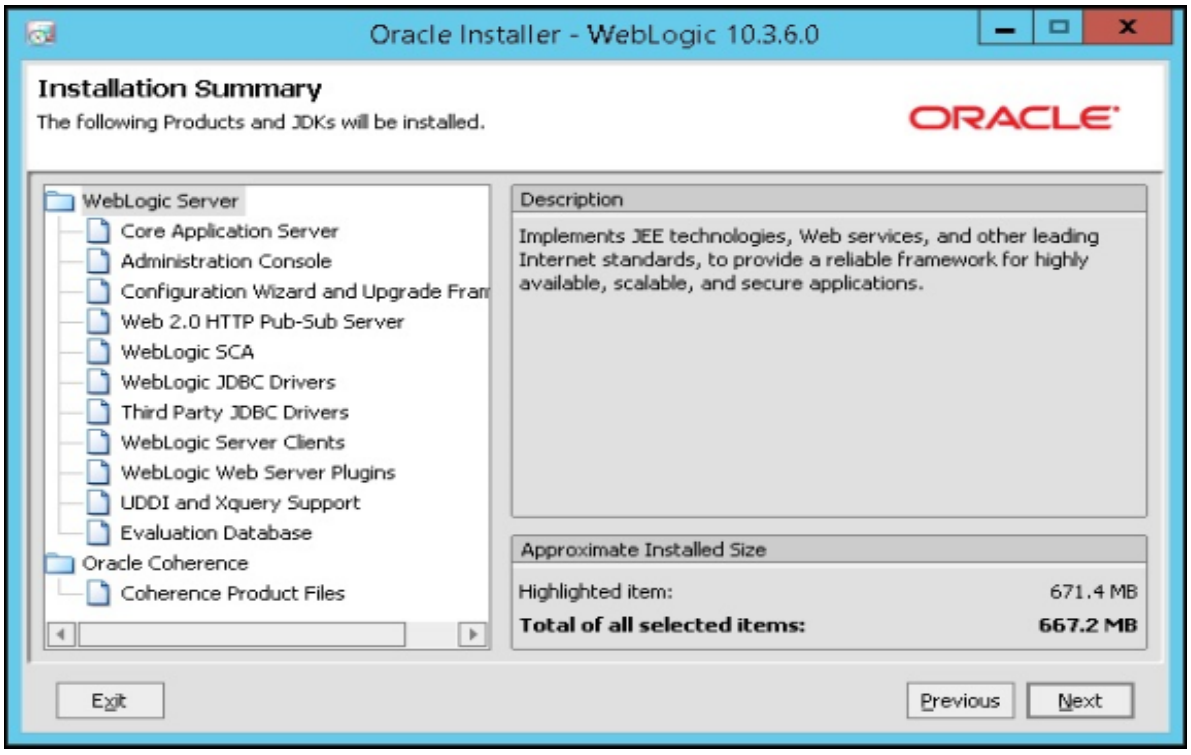
Step 6

Check path (**this path must be same with the path where you installing the web logic now**) then ''next''



Step 7

Here select ''All Users'' Start menu folder then click on ''Next'' button.



Step 8

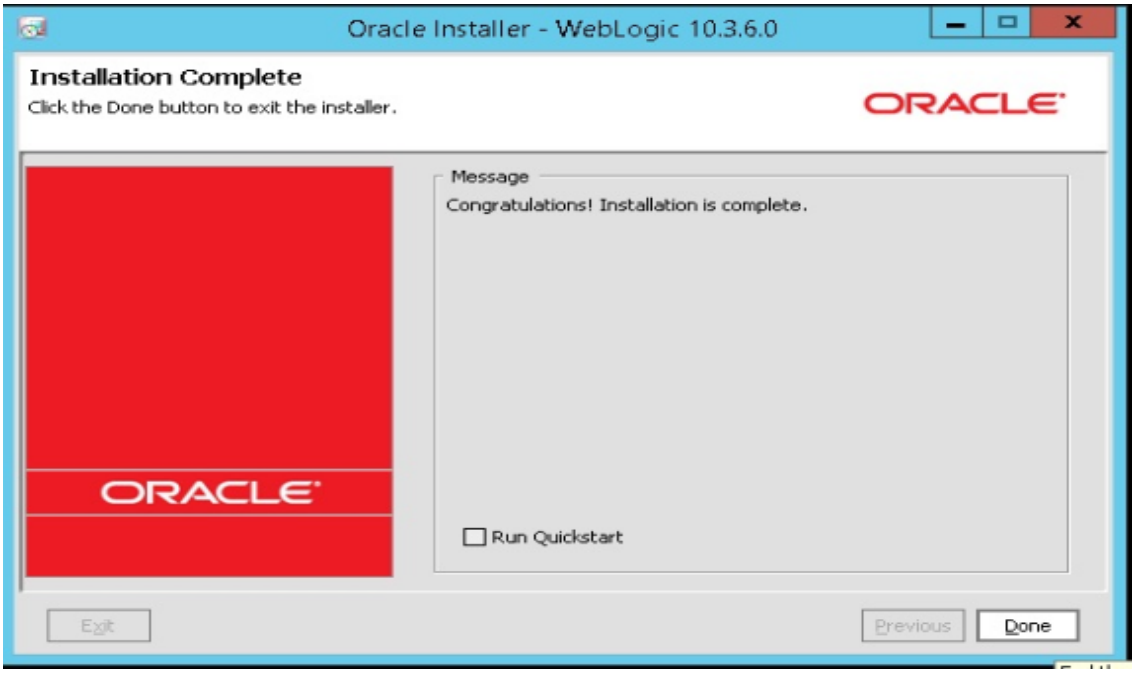
Here click on ''Next'' button.

Step 9

Here wait to complete the installation

Step 10

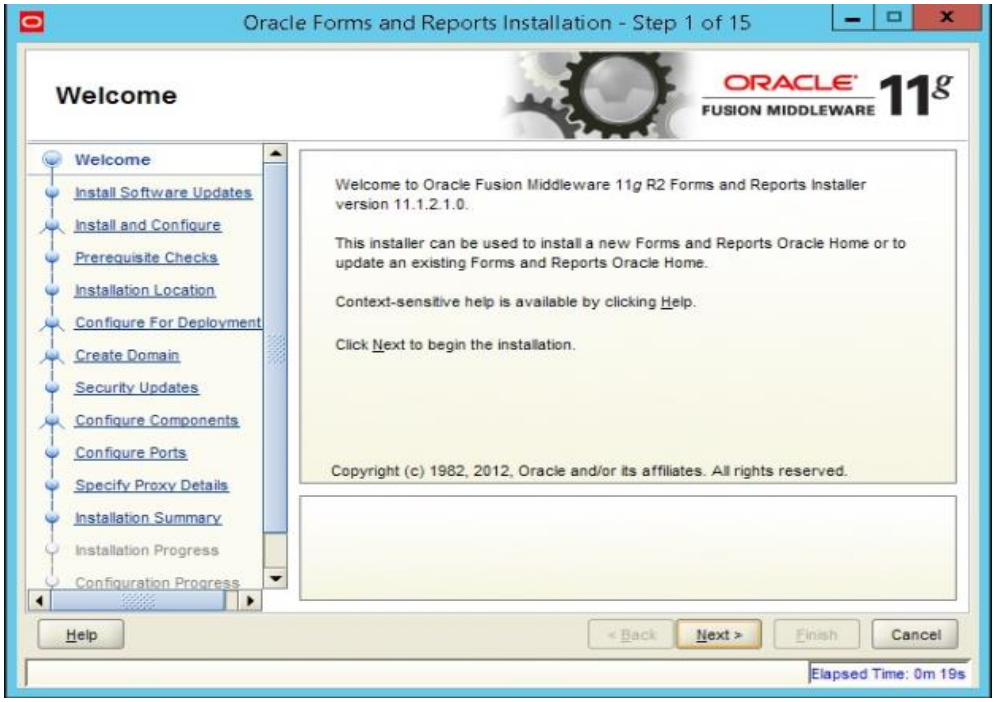
Here click on ‘’done’’ button



Step 11

After this cancel the window and restart the system.

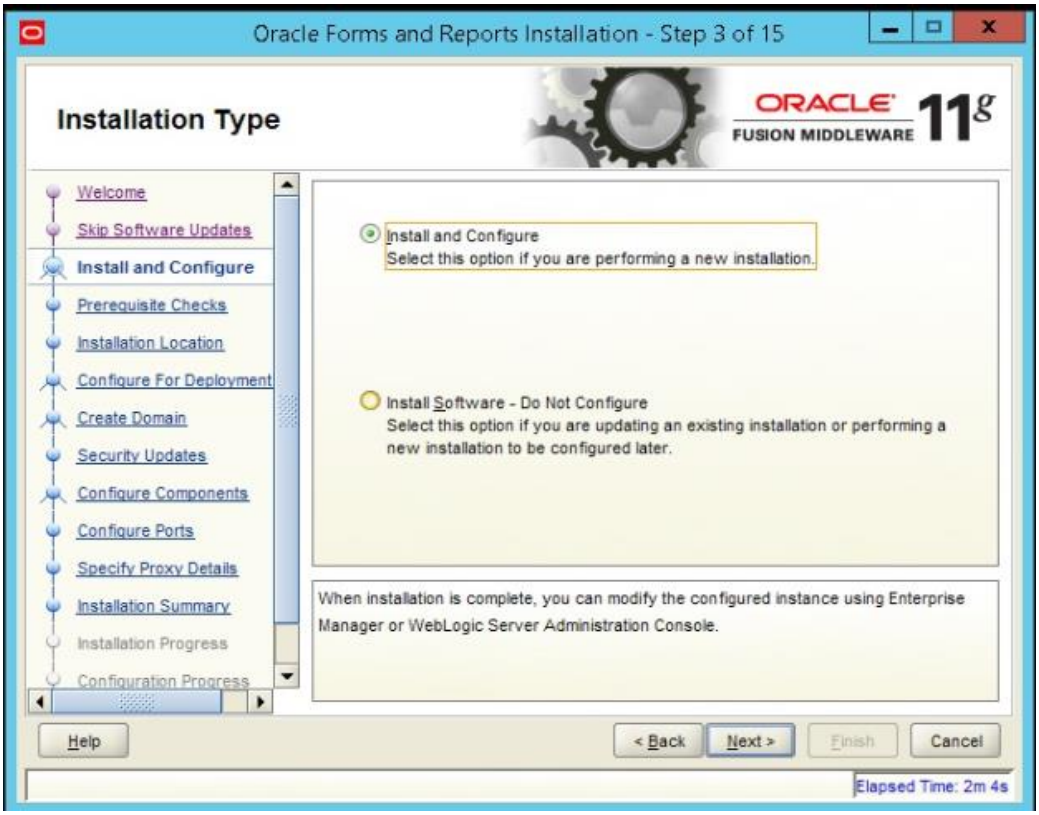
Installation of Application Server



To install Application Server open this folder ‘’**ofm_frmrpts_win_11.1.2.2.0_64’’** then chose ‘’**DISK1**’’ then select **setup.exe file**

Step 1

Click on ‘’Next’’ button.



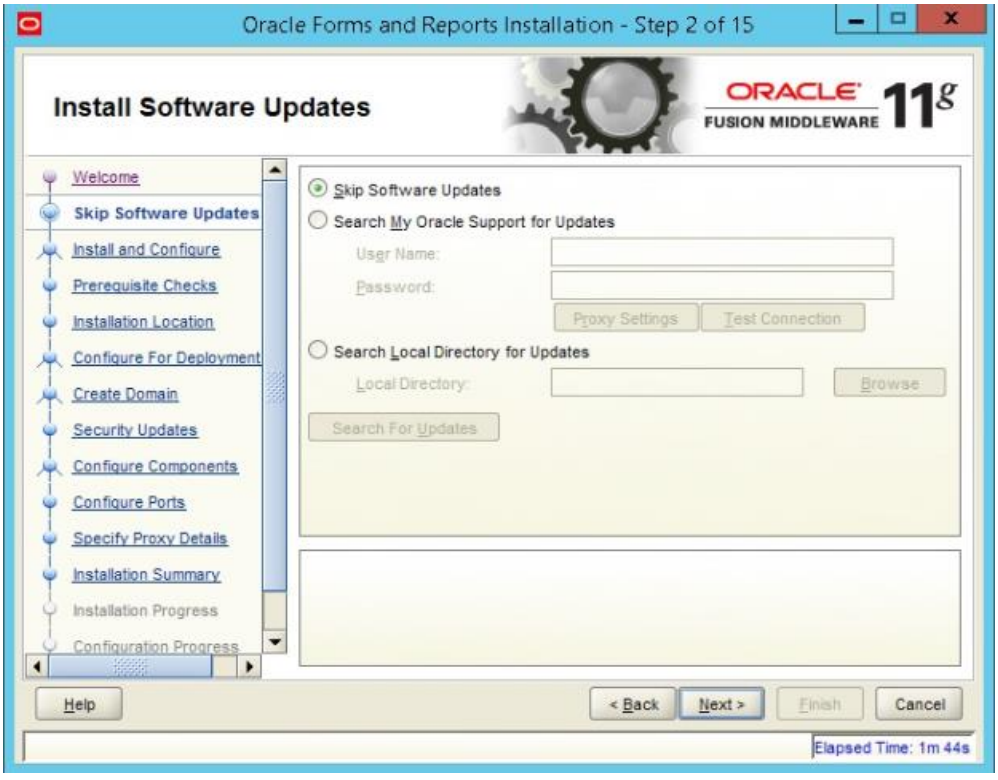
Step 2

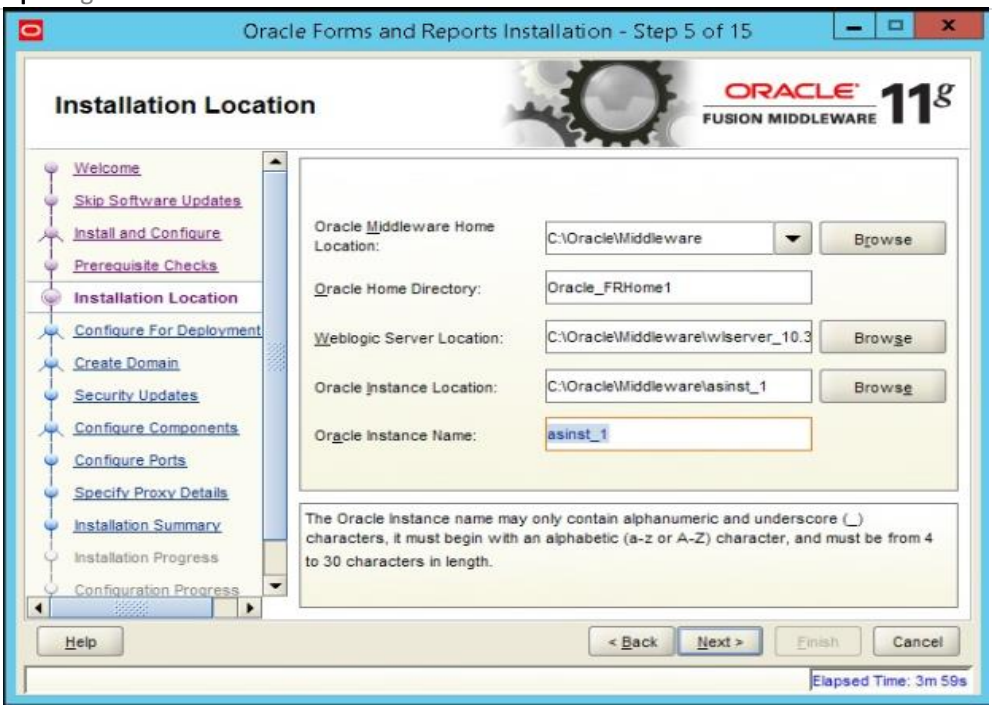
First this window appear

You select ''Skip Software Updates'' then click on ''Next''

Step 3

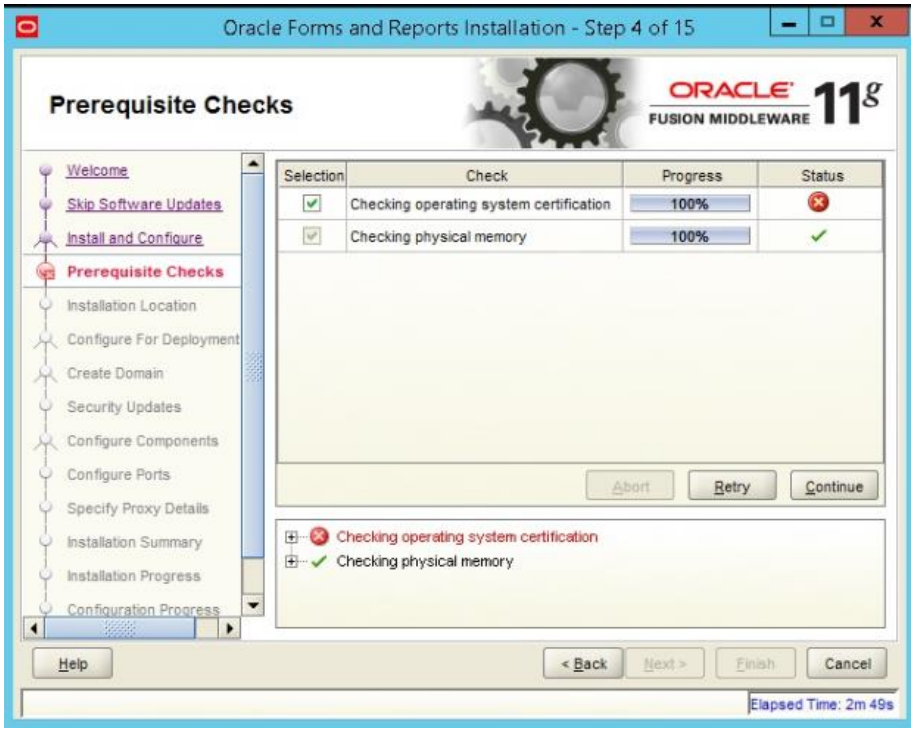
Select ''Install and Configure '' Option then click on ''Next''





Step 4

Select ''Continue'' option

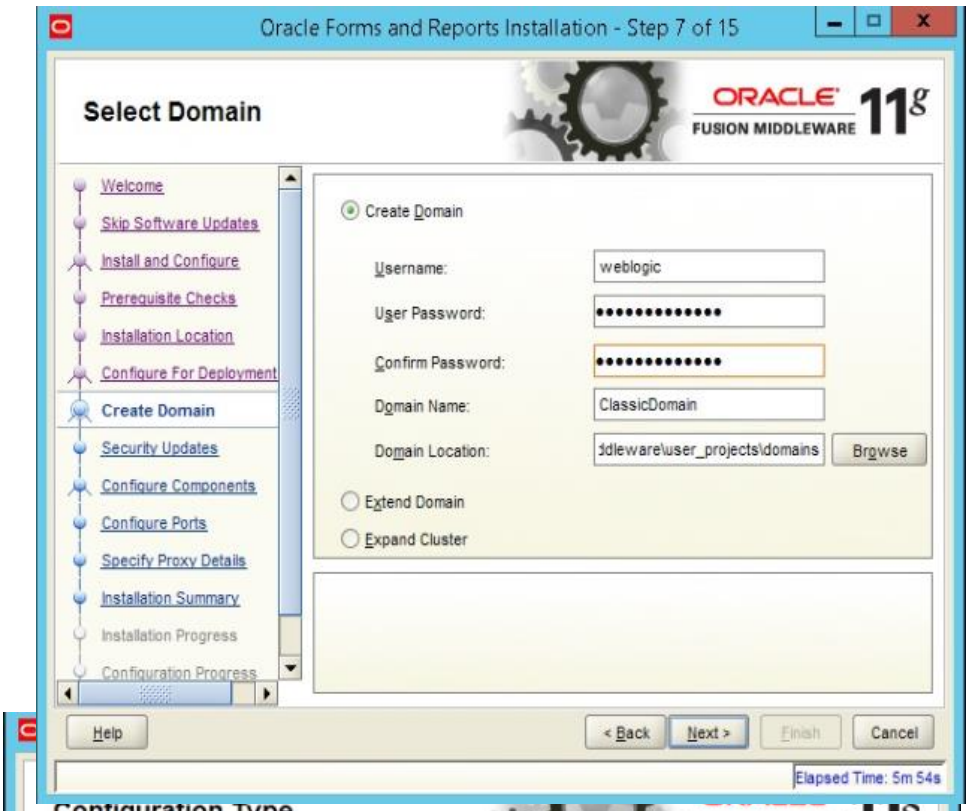


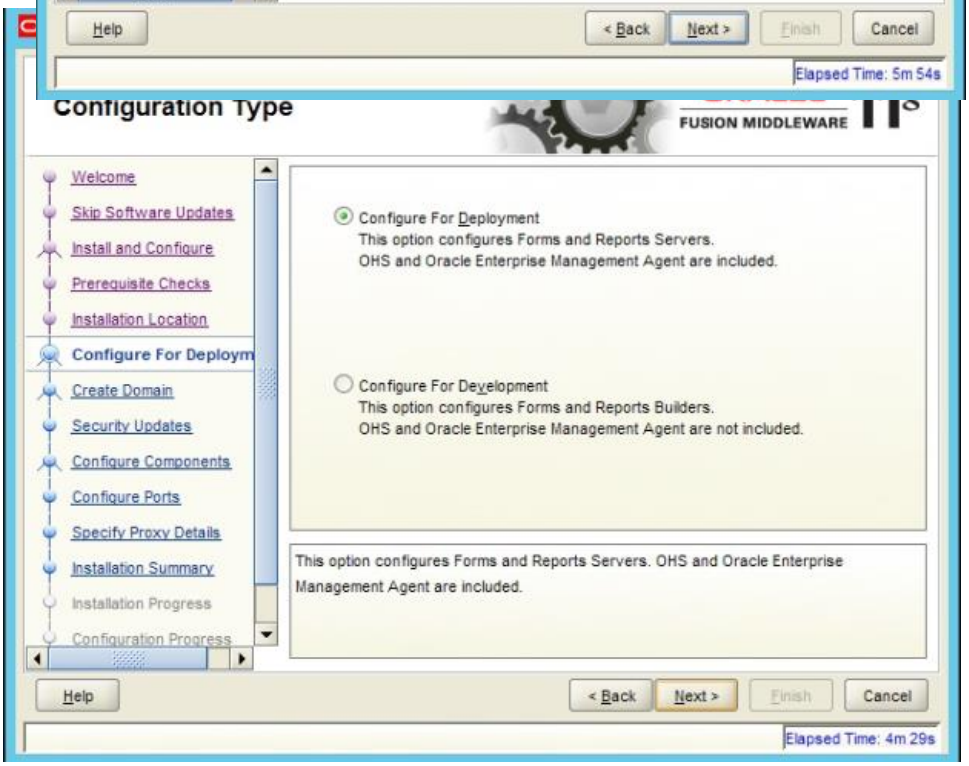
Step 5

Here **match the path** and **do not change instance name** here

Step 6

Select ''Configure for deployment'' option then click on ''Next'' button.





Step 7

Here User Name = **''weblogic''** and user Password=''**Visionplus786**''

After this click on ''Next'' button.

Step 8

Here Uncheck the check box ‘’I wish to receive security update via my oracle support’’ then click on ‘’Next’’

When you click on next then this message box will appear you must click on ‘’Yes’’ button here.

Step 9

Select first check box here **‘’Oracle Forms and Reports 11g R2’’**

Important note: All check boxes(below first check box) must be selected if any check box is not selected then you must select this box first then go to next step.

Step 10

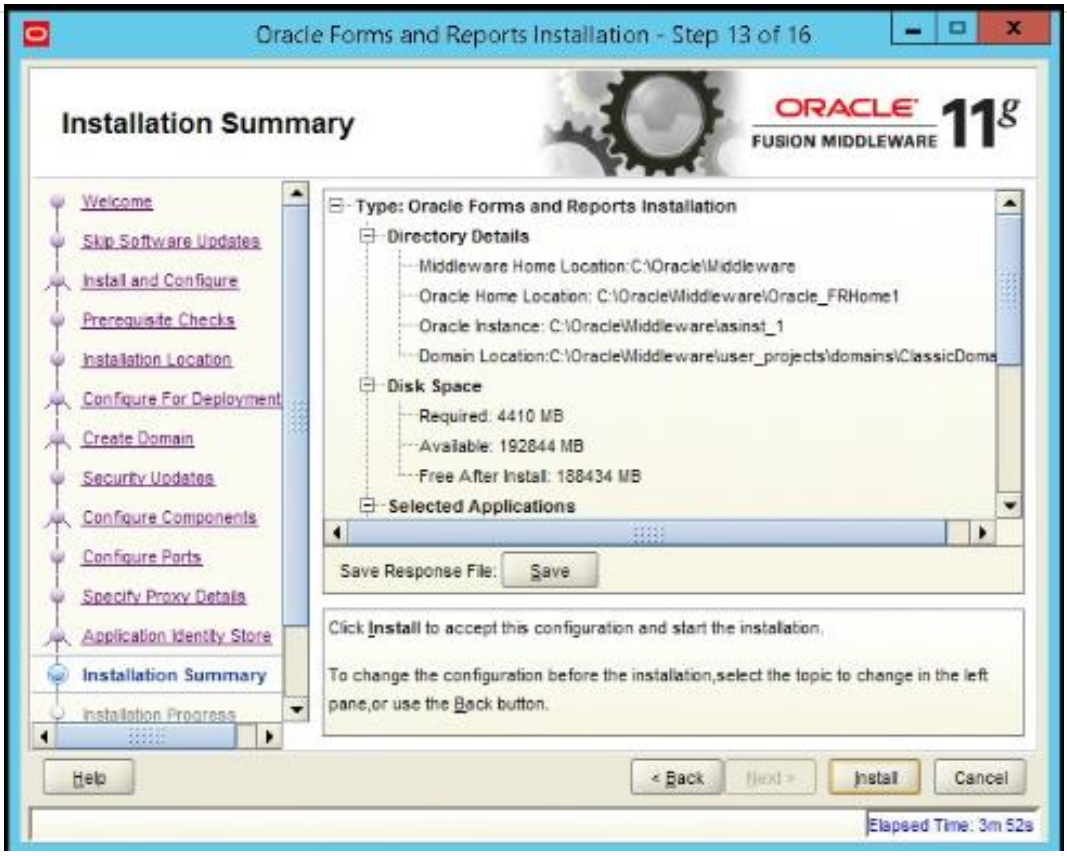
Select **''Auto port Configuration''** then click on ''Next'' button**.**

Step 11

Select **''Do not use proxy settings''** then click on ''Next'' button**.**

Step 12

Here Uncheck **''use application identity store''** then click on ''Next'' button.

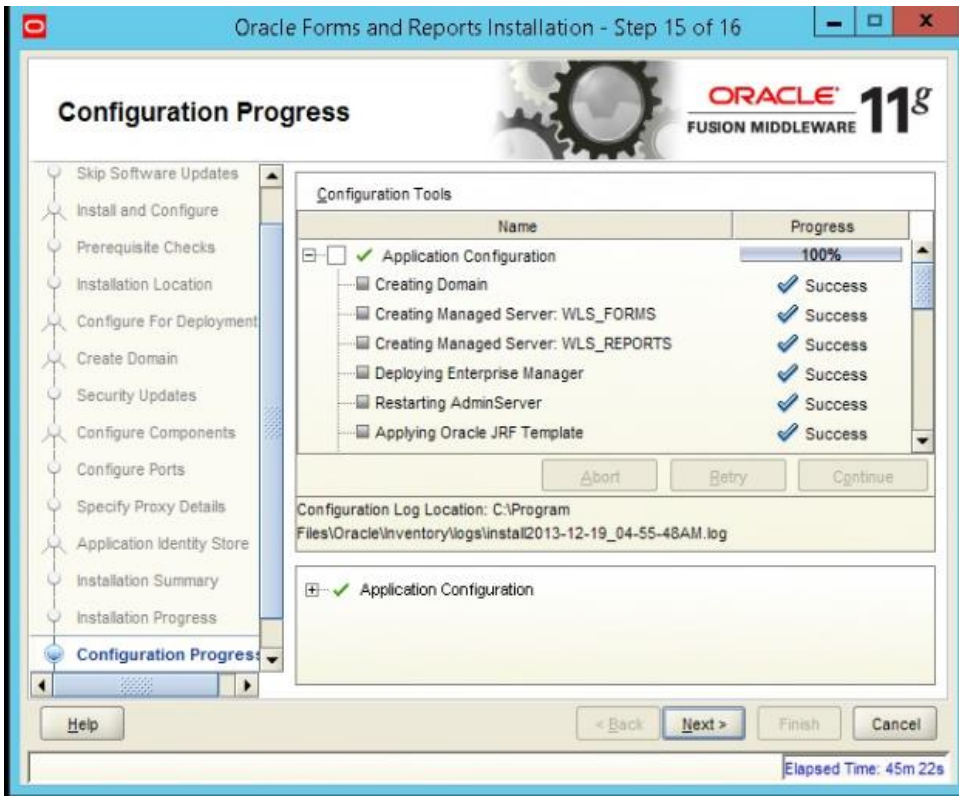


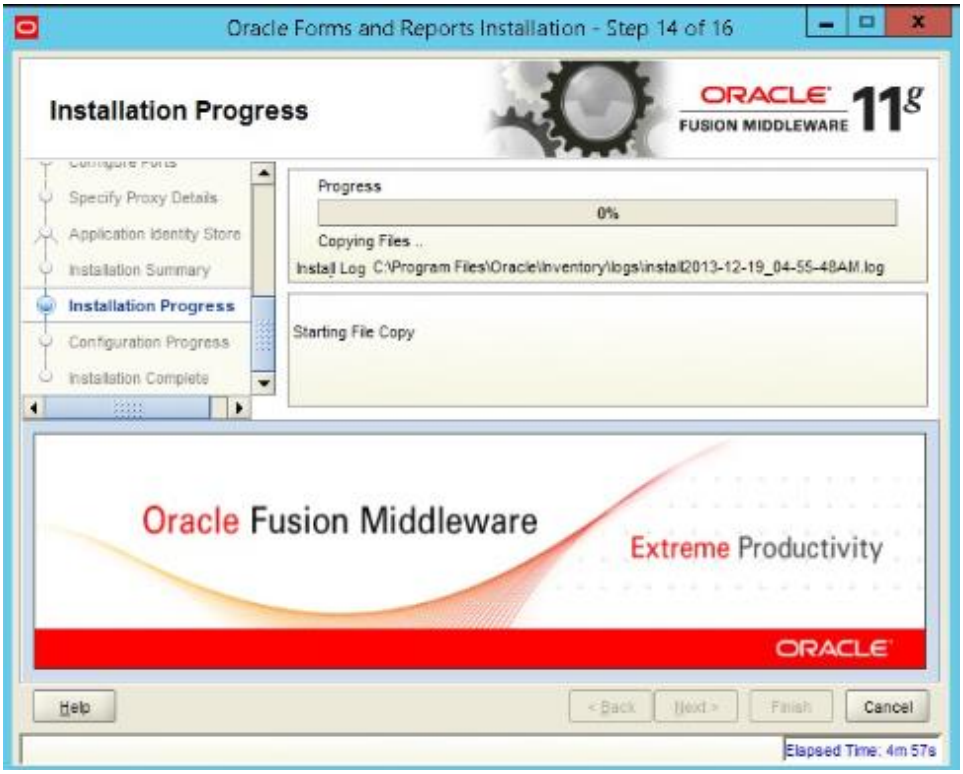
Step 13

Click on ''instal'' button.

Step 14

Click on ‘’Next’’ button.





Step 15

Click on ‘’Finish’’ button.

Step 16

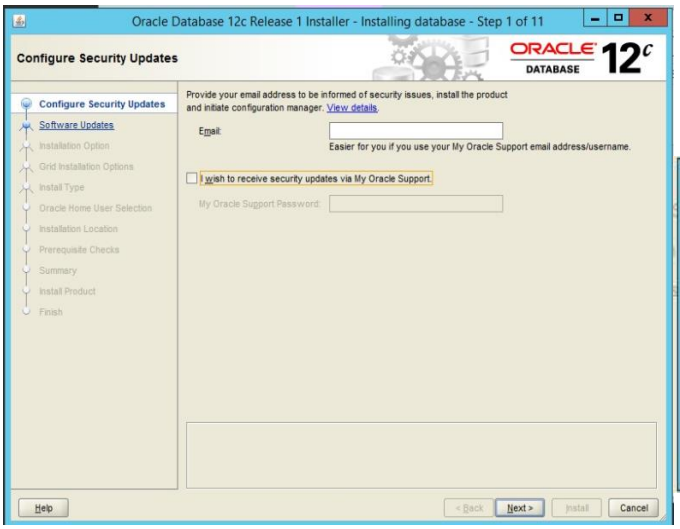
Now restart the system**.**

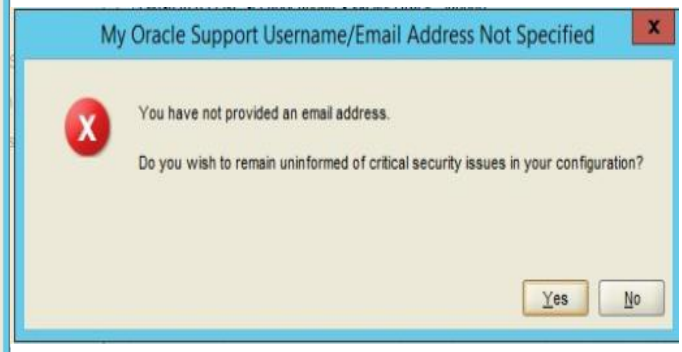
Installation of Database

To install database 12c Run the exe file

Step1

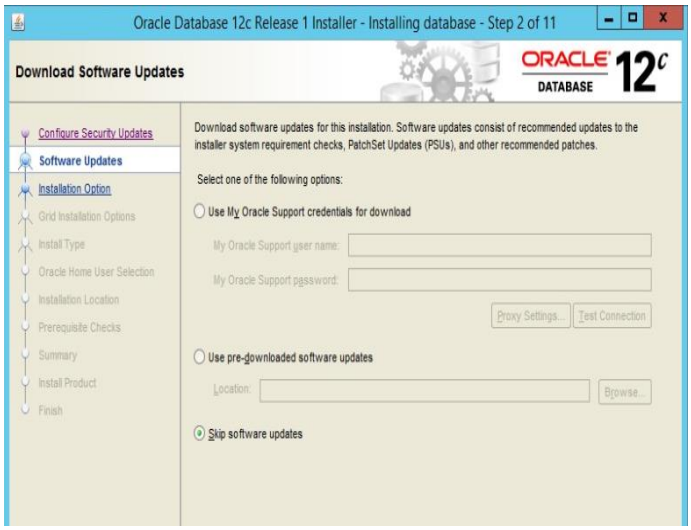
Here uncheck this ''**I wish to receive security updates via my oracle support**'' option then click on '' next'' button





This window will appear

Click on ''Yes'' button

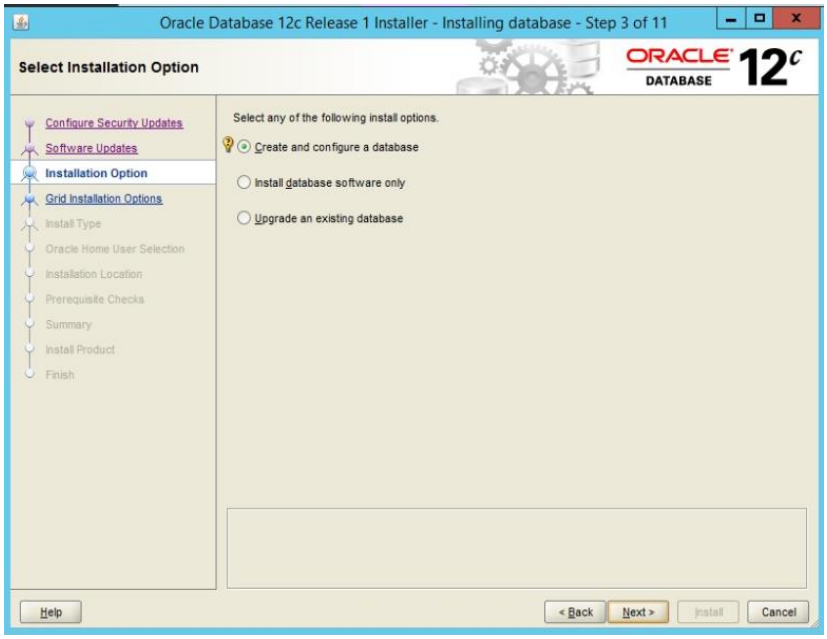


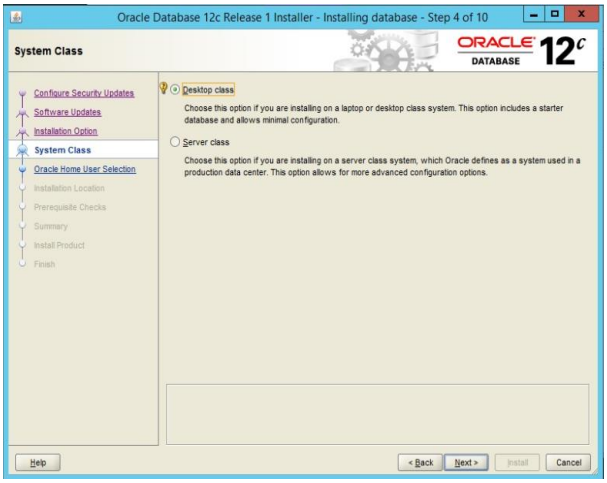
Step 2

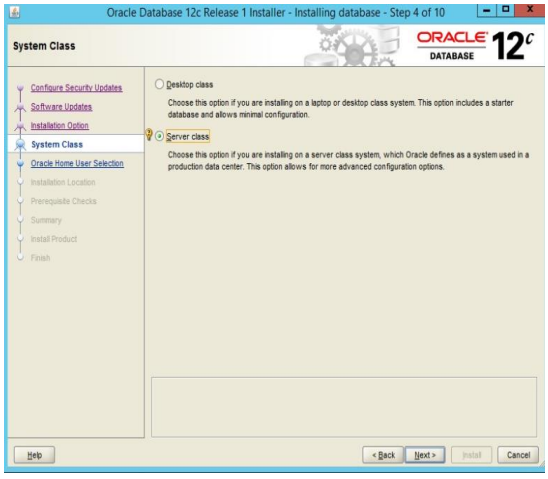
Select **''Skip Software Updates ''** option then click on ''Next'' button

Step 3

Select ‘’**Create and Configure the database**’’ option then click on ‘’Next’’ button





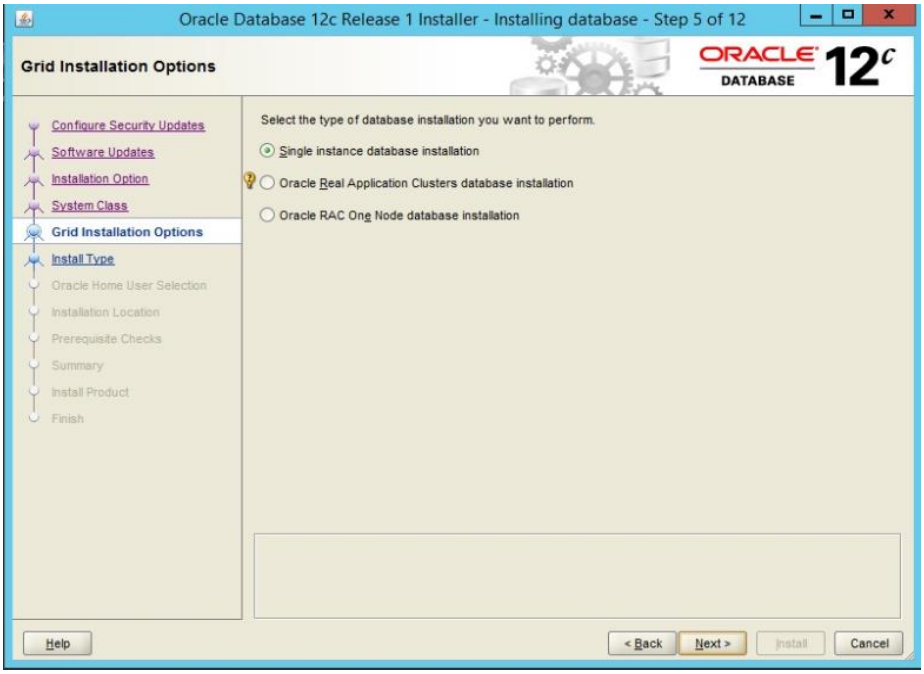


Step 4

This window will appear Now Select ‘’**Server class**’’ option then click on ‘’Next’’ button

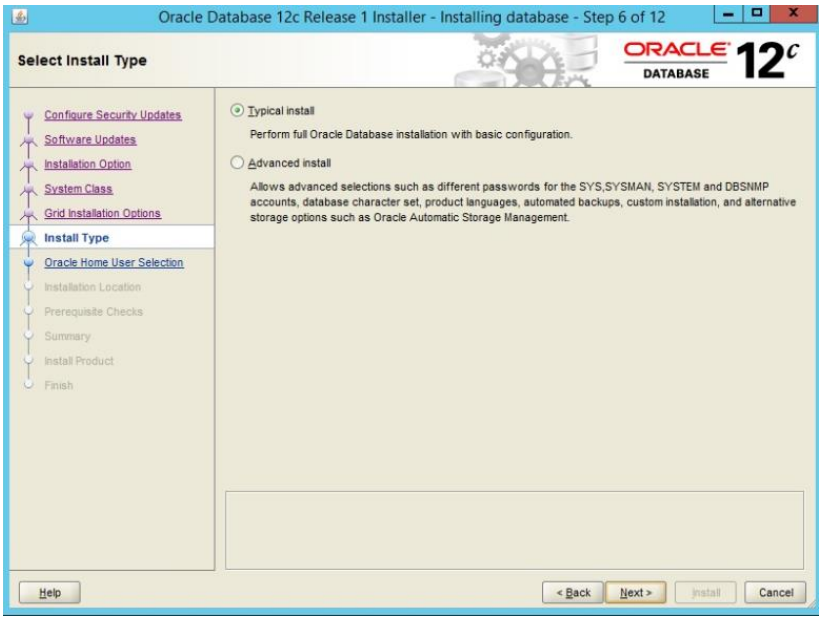
Step 5

Select ‘’**Single instance database configuration**’’ option then click on ‘’Next’’ button



0**Step 6**

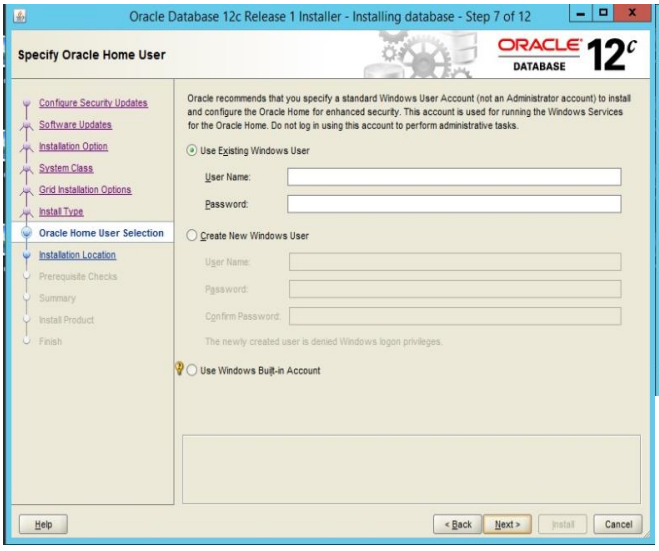
Select **''typical install''** option then click on ''Next'' button.

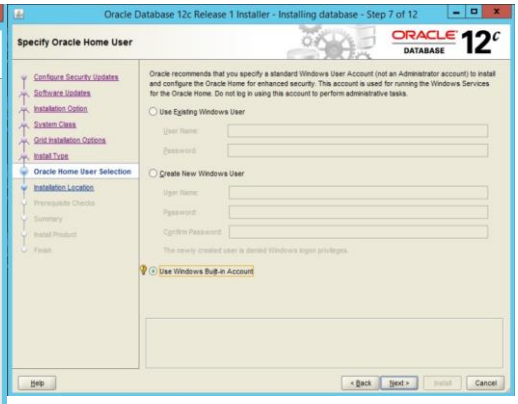


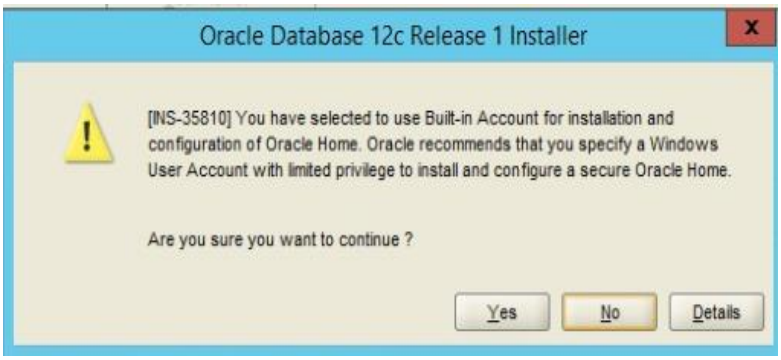
Step 7

This window will appear

Select ''**Use window built in accounts** '' option then click on ''Next'' button

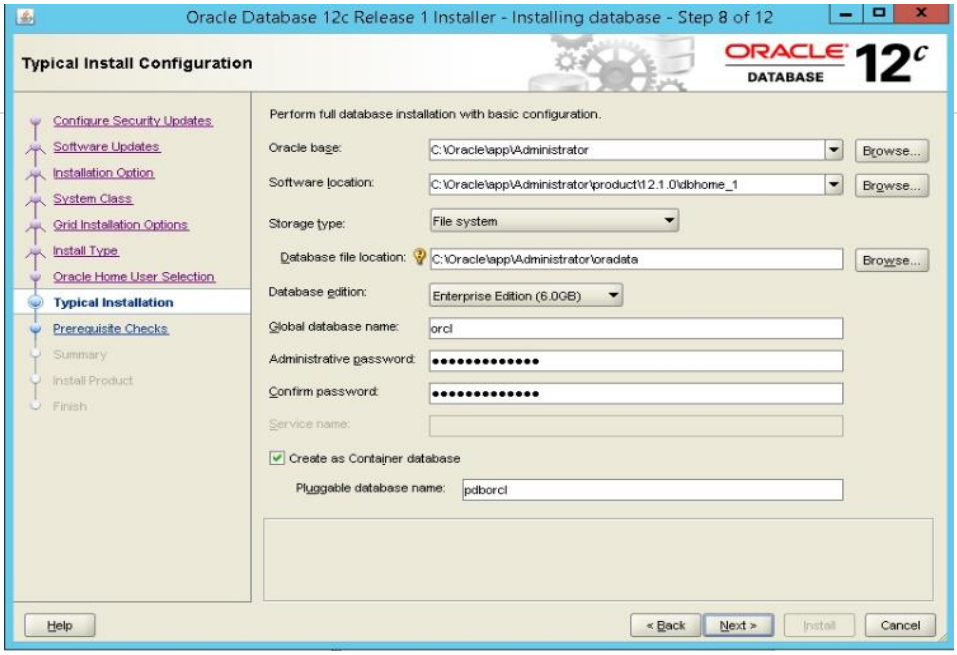






When you click on next button then this message box will appear

Now click on **''Yes''** button.



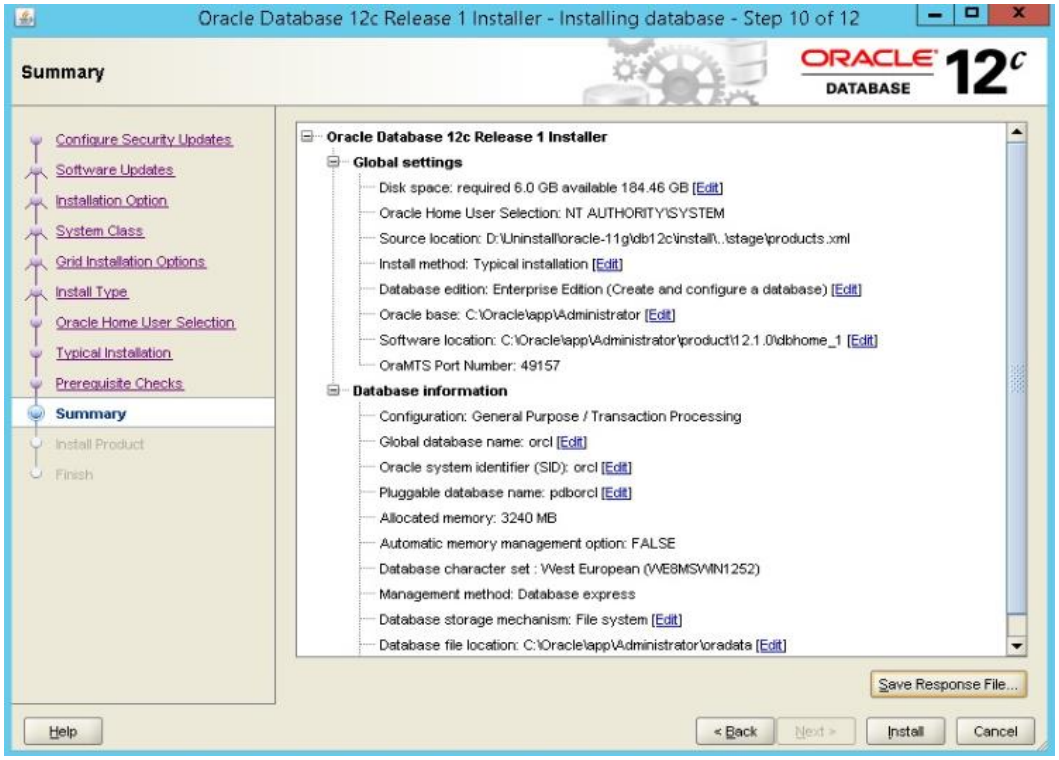
Step 8

Press ‘‘**OK**’’ here

Step 9

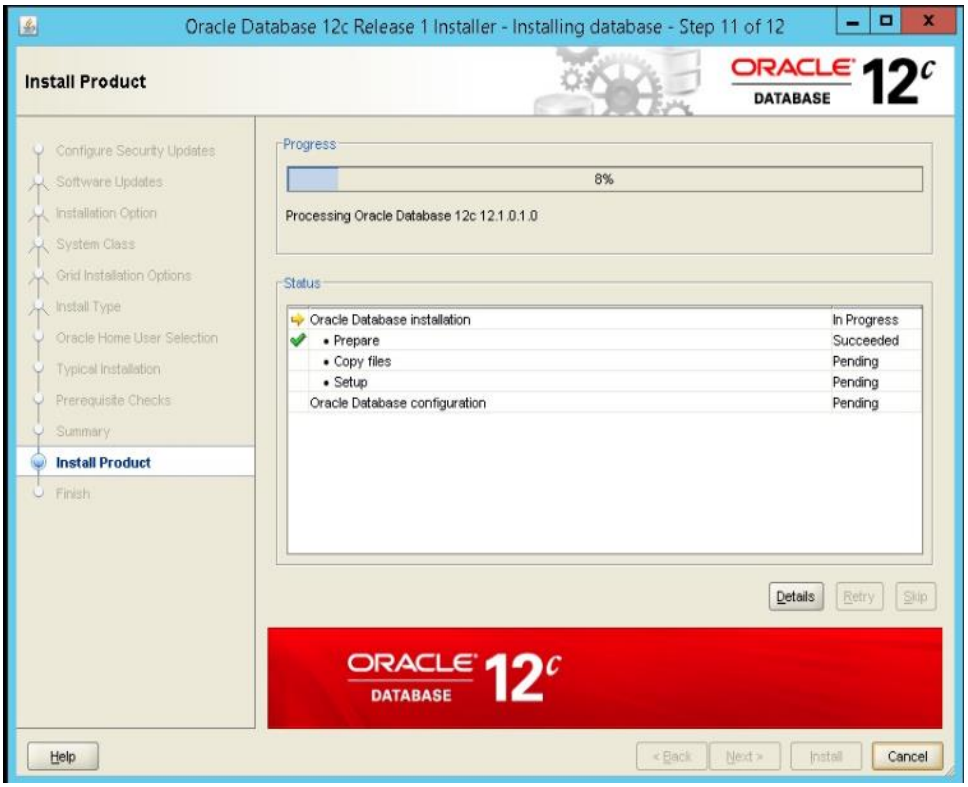
Here match the path **(match this path with that path where you are installing the database)**

Also give Password here. Password is **‘‘Visionplus786’’** then click on **‘‘Next’’** button



Step 10

Click on ‘‘**install**’’ button.

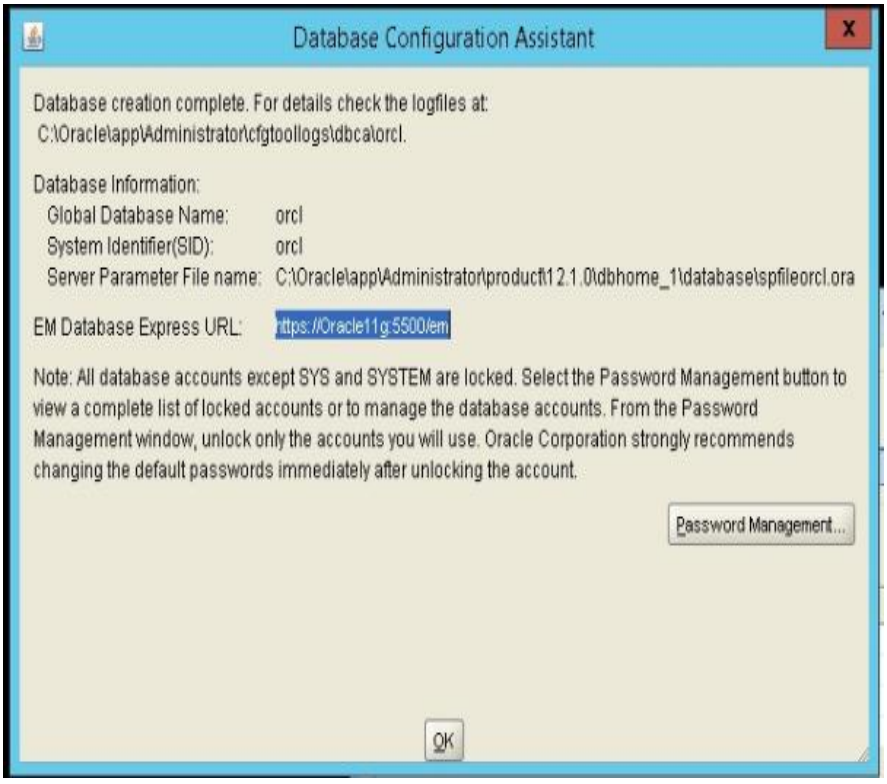


Step 11

When installation complete then press **''Close''**

Step 12

Now restart your system.



s

Configuration Setting

Step 1 - Add required jar files

Copy the following files to $ORACLE_HOME$\Middleware\Oracle_FRHome1\forms\java

AWTFileDialog.jar (this file will use for open windows default open file dialog box instead of Webutil java dialog)

handleimage3.jar (to upload and download images in good quality)

lablediconbutton.jar (for icons in the button)

jacob.jar (for Excel and outlook working)

Step 3 – add Vision plus Libraries files

Copy these files (LB_VP.pll, LB_VP.plx,webutil.plx) to location \middleware\oracle_frhome1\forms

Step 4 – update registry.dat (to show button for LOV)

Open the file on location

\ middleware****userproject\domain\classicdomain\config\fmw\config\servers\wls_forms\applications\formsapp_11.1.2\config\forms\registry\oracle\forms->registry**registry.dat** (open this file in WordPad)

Change in registry.dat file:

In the last of the file these lines are written

```
app.ui.lovButtons=false
app.ui.requiredFieldVA=false
#The background color is specified as an RGB triple.
app.ui.requiredFieldVABGColor=255, 255, 0, 0
```

3 Changing in these lines(changes are underline):

```
app.ui.lovButtons=true
app.ui.requiredFieldVA=true
#The background color is specified as an RGB triple.
app.ui.requiredFieldVABGColor=255,255,254
```

Save this file and close it.

Step 5 – Change in formsweb.cfg

Open the file $ORACLE_HOME$****middleware****user project\domain\classic domain\config\fmwconfig\servers\wls_forms\applications\formsapp_11.1.2\config**formsweb.cfg** (open this file in word pad)

Following Changes in required to made in this file

Find the line

WorkingDirectory

Change it to

workingDirectory=**D:\erp** (write drive in which source exist)

Find the line

form=test.fmx (add # sign at the start of this line like this) \ **#form=test.fmx**

Update the line with following

form=USER_LOGIN.fmx

After this skip one line then add this line here:

User id=**c##erp/vp786@orcl**

Find the line

separateFrame=false

Update this line

separateFrame=true

Find the line

colorScheme=some text

Update this line

colorScheme=swan

Find the line

archive=frmall.jar

Update the line

archive=frmall.jar,handleimage3.jar,lablediconbutton.jar,frmwebutil.jar,jacob.jar,AWTFileDialog.jar

Step 5 – Update for auto user login

Open the file $Oracle_home$\middleware\user project\classic domain\server\admin server\security\create new file here in not pad write these lines in this file

Username=weblogic

Password=Visionplus786

Save this file here with name ''boot. Properties''

Also update this file to following locations

$ORACLE_HOME$\middleware\user project\classic domain\server\wls_forms\security\boot.properties

$ORACLE_HOME$\middleware\user project\classic domain\server\wls_reportss\security\boot.properties

Step 6 - Create TNS:

Open file $ORALCE_HOME$\middleware\asinst_1\config\TNSnames.ora

Add following lines to the end

```
ORCL =
  (DESCRIPTION =
    (ADDRESS_LIST =
      (ADDRESS = (PROTOCOL = TCP)(HOST = server name)(PORT = 1521))
    )
    (CONNECT_DATA =
      (SID = ORCL)
    )
  )
```

Step 7– Report server configuration

Open the file $ORACLE_HOME$\middleware\user project\domain\classicdomain\config\fmwconfig\servers\wls_reports\applications\reports_11.1.2\configuration\

rwservlet
(open this file in word pad)
Find this line:
<Inprocess>yes</inprocess>
After this line add this line:
<webcommandaccess>L2</webcommandaccess>
Now save this file here.

Step 8

Pin to taskbar and start menu (developer and form builder)

Step 16

Web_logic_admin_server, web_logic_server_wls_forms, web_logic_server_wls_reports ,all opmn (these file send to desktop)
Important note: all files send to desktop both Start service and end service (total 8 files).

Step 17

Open sql developer and give the path of java.(install sql developer)

Step 18

Open sql developer and click on + sign (add user/create user)
name=**system**
User name**=system**
Password=**Visionplus786**
Sid**=orcl**
Now select **''test''** option if process success then click on **''save''** button.

Step 19

Now create new user in system
Write these three lines in system and compile:
Create user c##erp
Identified by vp786;
Grant dba to c##erp;

Step 20

Now add user c##erp:
C name=**erp**
User name=**c##erp**
Password=**vp786**
Sid=**orcl**
Now select **''test''** option if process success then click on **''save''** button.

Step 21

Good 11g setting\Jacob\2 files (.dll) \copy (86)
Oracle\middleware\oracle_frhome1\forms\webuti\open\32 bit folder open\ paste here(86 files)

Step 22

Good 11g setting\Jacob\2 files (.dll) \copy (64)
Oracle\middleware\oracle_frhome1\forms\webuti\open\64 bit folder open\ paste here(64 files)

Step 23

Good 11g setting-----\Jacob (java file) \copy
Oracle\middleware\oracle_frhome1\forms\java\paste here java file (don't replace)

Step 24

Good 11g settings\forms\webuti.plx copy this file
Oracle\middleware\oracle frhome1\forms paste to this location
Important note: we compile webuti.pll file and webuti.plx automatically created.

Step 25

Start all services one by one (Web_logic_admin_server, web_logic_server_wls_forms, web_logic_server_wls_reports, all opmn(window open and suddenly close)).

Step 26

Open control panel\window firewall\advance settings\inbound rules\right click\new rules\port\next\enter this in text field **''8888**,**7001''**\next\allow the connection\next\next\finish

Step 27

Open any browser and write this address: **servername: 7001/em then presses 'entre''**
User name=**weblogic**
Password=**Visionplus786**
Window will be open and if direction of all arrows are above then it means services are run (working correctly).

Step 28

Open any browser and write this address: **servername: 7001/console then presses 'entre''**
User name=**weblogic**
Password=**Visionplus786**
Click on **''lock and edit''**
Click on **'' environment''**
Click on **''servers''**
Important note: Here one **field** with name **''healthy''**, its data must b **''ok''** (all data)
Now click on ''**admin servers**''\(listen address must be blank)\save

Step 29

Click on **''lock and edit''**
Click on **'' environment''**
Click on **''servers''**
Important note: Here one **field** with name **''healthy''**, its data must b **''ok''** (all data)
Now click on ''**wls_forms**''\(listen address must be blank)\save

Step 30

Click on **''lock and edit''**
Click on **'' environment''**
Click on **''servers''**
Important note: Here one **field** with name **''healthy''**, its data must b **''ok''** (all data)

Now click on ‘’**wls_reports**\(listen address must be blank)\save

Step 31

Enterprise manager\on the top this line is written (may be like this) **\Rptsvr_servername_asinst_1**
Here servername is your **systemname**
Copy **‘’Rptsvr_servername_asinst_1’’** on not pad and save on desktop.

Step 32

Open not pad file and write this line on this file:
Exp c##erp/vp786@orcl file=f:\backup\username%DATE%.DMP
Important note: Here f:\backup is the place where your backup file will be save
Here Erp is username
Here Vp786 is password
Save this not pad file with name ‘’**backup.bat**’’

Step 33

Now Import backup
Open backup.bat file and enter like this:
Username=**c##erp/vp786@orcl** \entre\entre\ now import backup file here\after this entre until this line appear ‘’**import entire export file**’’. When this line appear you must write ‘’y’’ here and then entre.
Now after some time when backup is import the window automatically closed.

Step 34

Auto backup settings:
Start\ schedule task \create task\ trigger\ new\ here set time (back up time)
Important note: name=backup name
After this \action\here give path where file found (file path (after importing back up))

Step 35

Open developer\in erp user\open sys_parms (table)(double click on it)
Change these 4 lines:

8	8	10g server’s ip	**servername:8888**
10	9	10g report default path	**f:\erp\ (this is the path where erp save)**
12	11	image path	**f:\erp**
13	12	report server name	**Rptsvr_servername_asinst_1 (servername= your system name)**

Step 36

Go to settings and close the **‘’automatic updates’’s**