Setting up Installer
Oracle FLEXCUBE Investor Servicing
Release 14.7.3.0.0
[December] [2023]

**ORACLE®**
FINANCIAL SERVICES

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# 1. Setting up Oracle FLEXCUBE Installer

## 1.1 Introduction

Before installing Oracle FLEXCUBE, you need to set up Oracle FLEXCUBE Installer on the server. This document explains the methods of setting up the installer.

The Oracle FLEXCUBE Installer picks up the source files from the Source Directory and builds the enterprise archive file. The enterprise archive file is then deployed on the Application Server using the Application Server admin console.

## 1.2 Scope of Installer

| Building Application | Application building describes the process of creating property file with the required plug-ins and corresponding plug-in related properties, It also explains the process of building an application. | | **Mandatory installer components** |
|---|---|---|---|
| | | | JDK Path |
| Deploying Application | Application deployment will create the resources in the selected application server and deploy the selected application in the application server | | JDK PATH |
| | **WEBLOGIC** | Deploying application in weblogic will create the resources required for deployment of an application in the weblogic server and deploy the selected application in the weblogic. | Application sever home |
| Database | This section describes the basic instructions for setting up the database, it explains the steps for Preparing schema from Baseline, compiling objects, loading static data setup and it also explains the step by step instructions for running Basic setup. It also explains the steps for Preparing schema from Baseline and loading data from dump and also explains the instructions for compiling objects and loading static data and imp dump | | JDK path

Oracle Home |

## 1.3 Running Oracle FLEXCUBE Installer on Windows

Source folder in the local system appears as below:

**ORACLE®**
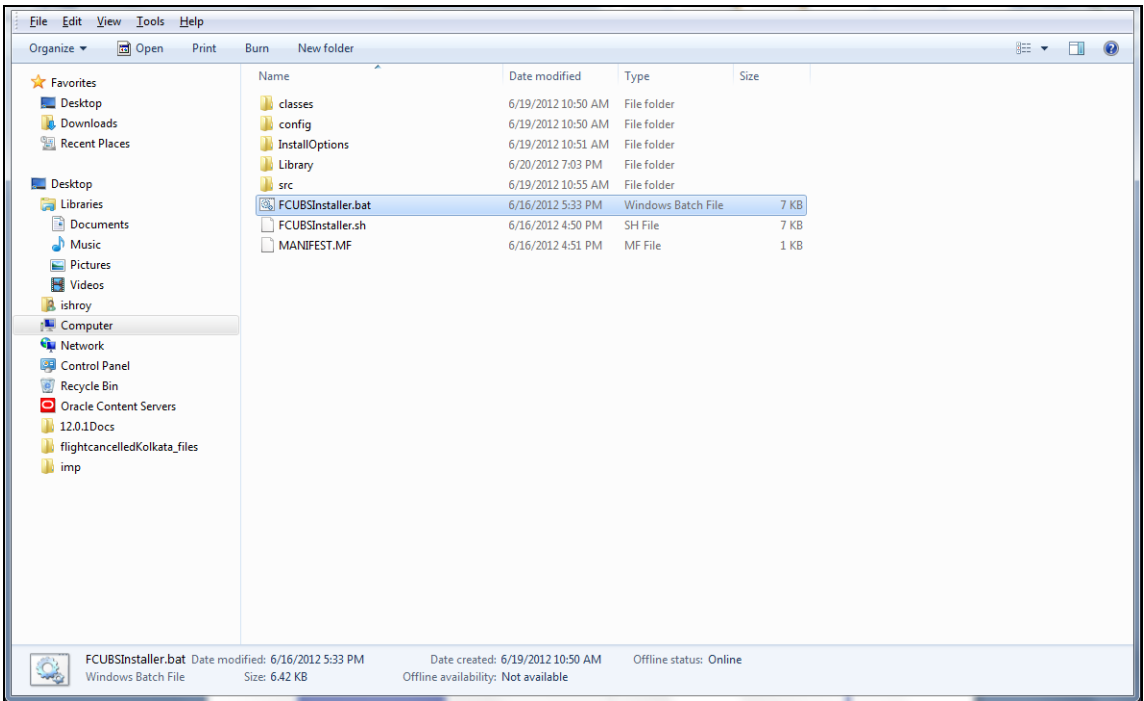
Follow the steps given below to run the installer in Windows:

1. Invoke the installer by double-clicking 'FCUBSInstaller.bat' from the installer source folder.

2. You get a prompt to enter the Java Home Path. Enter the Java Home Path and press 'Enter' key. This is a mandatory field and the value entered is validated.

   *Refer Release Notes for valid JDK version*

**ORACLE**
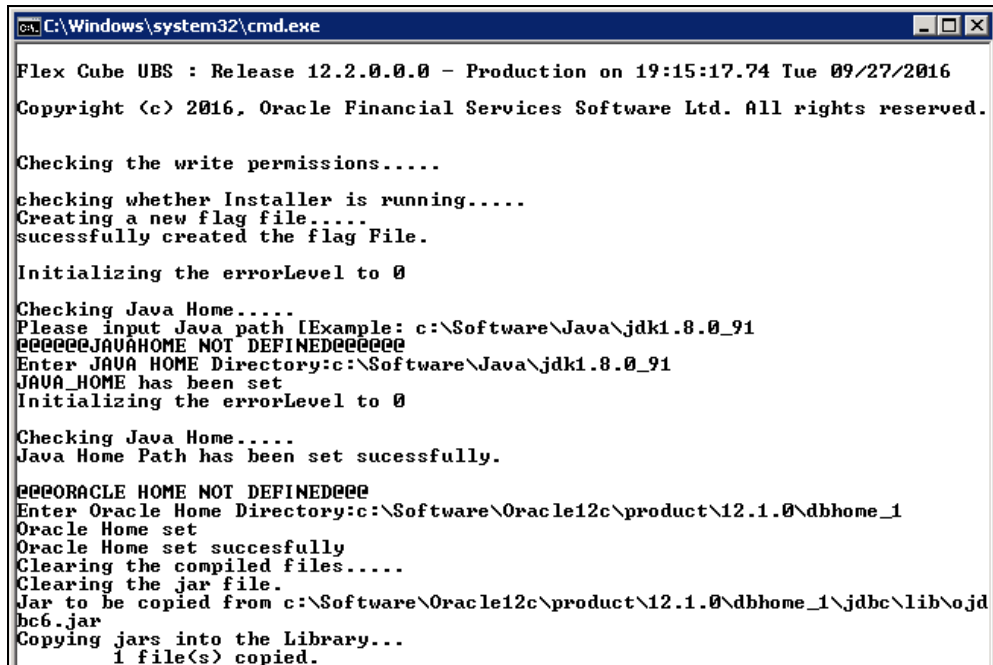
3. You get a prompt to input ORACLE Home Path. Enter the ORACLE Home Path and press 'Enter' key. This is an optional field and the value entered is not validated.

```
C:\Windows\system32\cmd.exe                                              _ □ ×

Flex Cube UBS : Release 12.2.0.0.0 - Production on 19:15:17.74 Tue 09/27/2016

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Checking the write permissions.....

checking whether Installer is running.....
Creating a new flag file.....
sucessfully created the flag File.

Initializing the errorLevel to 0

Checking Java Home.....
Please input Java path [Example: c:\Software\Java\jdk1.8.0_91
@@@@@@JAVAHOME NOT DEFINED@@@@@@
Enter JAVA HOME Directory:c:\Software\Java\jdk1.8.0_91
JAVA_HOME has been set
Initializing the errorLevel to 0

Checking Java Home.....
Java Home Path has been set sucessfully.

@@@ORACLE HOME NOT DEFINED@@@
Enter Oracle Home Directory:c:\Software\Oracle12c\product\12.1.0\dbhome_1
Oracle Home set
Oracle Home set succesfully
Clearing the compiled files.....
Clearing the jar file.
Jar to be copied from c:\Software\Oracle12c\product\12.1.0\dbhome_1\jdbc\lib\ojd
bc6.jar
Copying jars into the Library...
        1 file(s) copied.
```

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4. You get a prompt to input Application Server Home Path. Enter the Application Server Home Path and press 'Enter' key. This is an optional field and the value entered is not validated.

```
C:\Windows\system32\cmd.exe                                               _ □ ×

Flex Cube UBS : Release 12.2.0.0.0 - Production on 19:15:17.74 Tue 09/27/2016

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Checking the write permissions.....

checking whether Installer is running.....
Creating a new flag file.....
sucessfully created the flag File.

Initializing the errorLevel to 0

Checking Java Home.....
Please input Java path [Example: c:\Software\Java\jdk1.8.0_91
@@@@@@JAVAHOME NOT DEFINED@@@@@@
Enter JAVA HOME Directory:c:\Software\Java\jdk1.8.0_91
JAVA_HOME has been set
Initializing the errorLevel to 0

Checking Java Home.....
Java Home Path has been set sucessfully.

@@@ORACLE HOME NOT DEFINED@@@
Enter Oracle Home Directory:c:\Software\Oracle12c\product\12.1.0\dbhome_1
Oracle Home set
Oracle Home set succesfully
Clearing the compiled files.....
Clearing the jar file.
Jar to be copied from c:\Software\Oracle12c\product\12.1.0\dbhome_1\jdbc\lib\ojd
bc6.jar
Copying jars into the Library...
        1 file(s) copied.

Checking logs Folder.....
--Current Folder--
--avast--
this InstallationShipment "EXEC"
Inside Checking APPSERVER HOME.....
appserverhome

@@@@@@APPSERVER HOME NOT DEFINED@@@@@@
Enter APPSERVER HOME Directory:c:\Software\Weblogic12211\wlserver_
```

5. The INSTALLER Welcome screen is displayed.

6. Proceed with installation process.

🛑 On the first time launch of the installer on a system, all the fields in the installer will be displayed according to the values entered by the user at the command line level and the same data is saved in env.properties.

On subsequent launches of installer on the same machine, the installer will read the paths from env.properties and display in the respective fields.



**STOP** If you re-launch the installer which was closed abruptly, the following screen is displayed.

In this case, you have to delete the file 'chk.flg', created in the installer sources and again re-launch the Installer.

## 1.4 Running Oracle FLEXCUBE Installer on LINUX

This section describes the method to run Oracle FLEXCUBE Installer on LINUX system.

### 1.4.1 Login to PUTTY

In order to run installer on LINUX machines, you need to login to the LINUX machine using PuTTy. Go to 'PuTTy Configuration' screen.
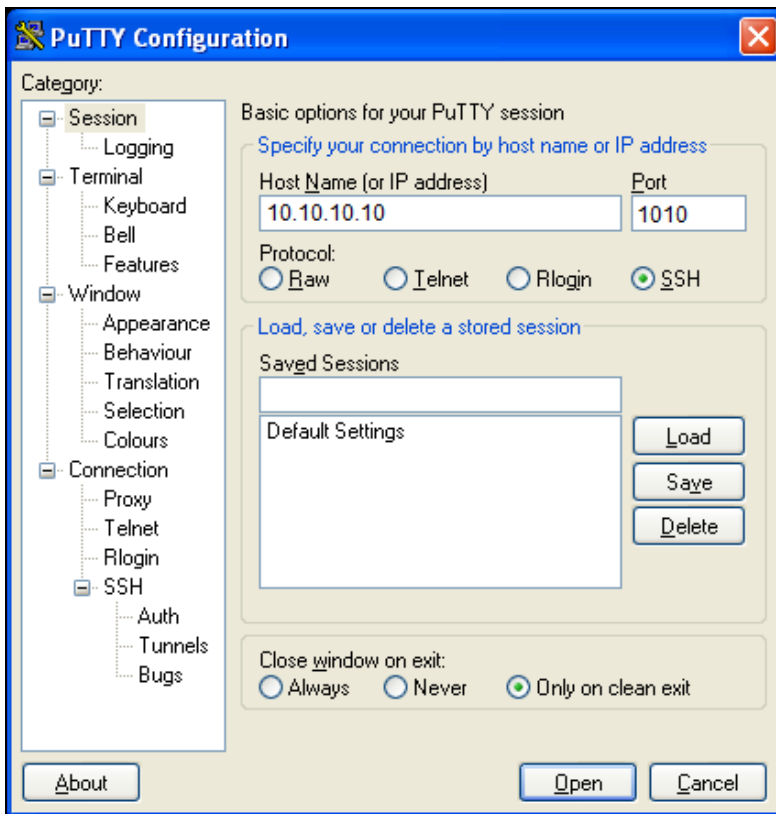


1. Specify the following details:
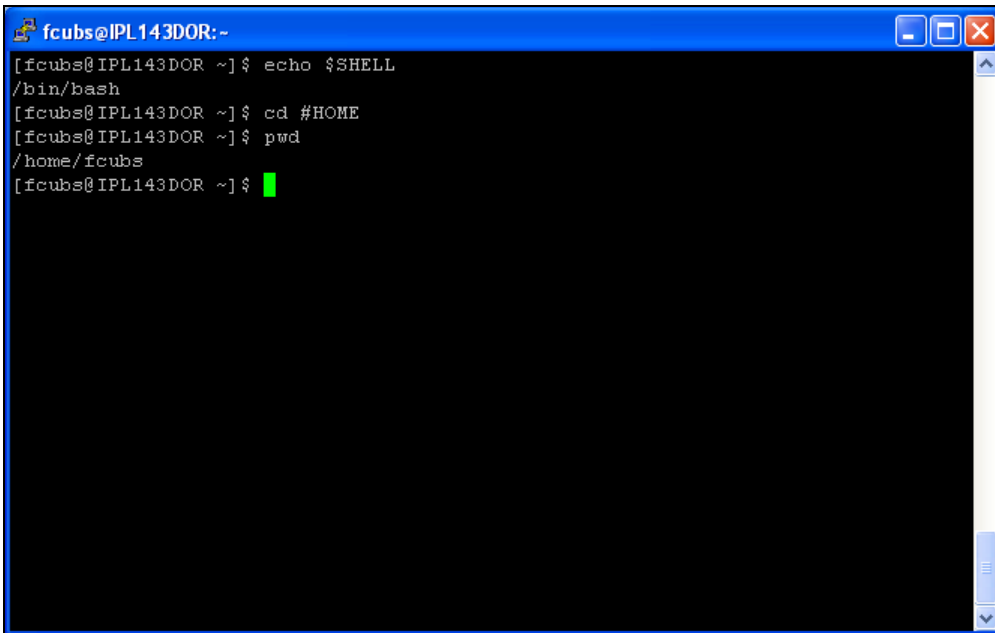
**Host Name**

Specify the host address of LINUX machine which you need to connect.

**Protocol**

Select SSH as the protocol.

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2.  Once you have provided these details, click 'Open'. You will be prompted for the login ID and password of the LINUX machine.



3.  Specify the login details:

You can check the current shell for the user in putty console using the following command.

**echo $SHELL**

In case the current shell is not bash, you need to set the shell to bash.

You can check the user home directory using the following command.

**cd $HOME**

**$pwd**

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### 1.4.2  <u>Running Oracle FLEXCUBE Installer through XManager</u>

In order to run Oracle FLEXCUBE Installer on LINUX machine, you need to have the software called XManager. This section contains the settings required for running Oracle FLEXCUBE Installer through XManager on LINUX machines.

Install XManager. You can find an icon 'Xstart' inside XManager folder. Double-click 'Xstart' icon in order to connect to the server. The following screen is displayed.
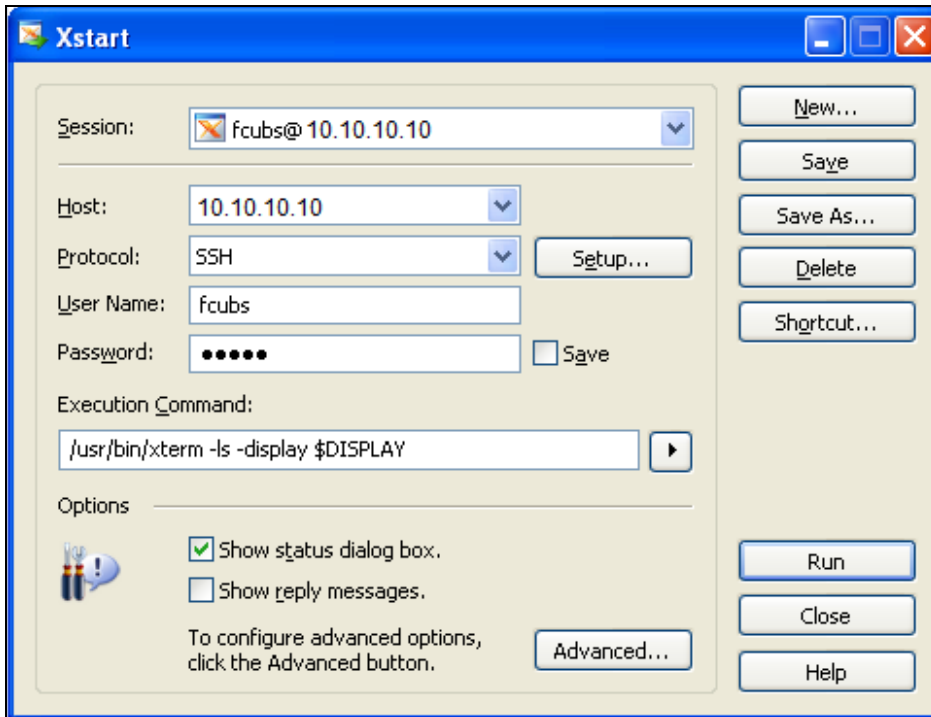


1.  Specify the following details:

**Session**

Specify the session name.

**Host**

Specify the LINUX machine IP address.

**Protocol**

Specify the protocol based on the the operating system.

A few examples for the protocols for various operating systems are given below:

| Operating System | Protocol |
|---|---|
| Oracle Enteprise Linux | SSH |

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**User Name**

Specify the LINUX user name.

**Password**
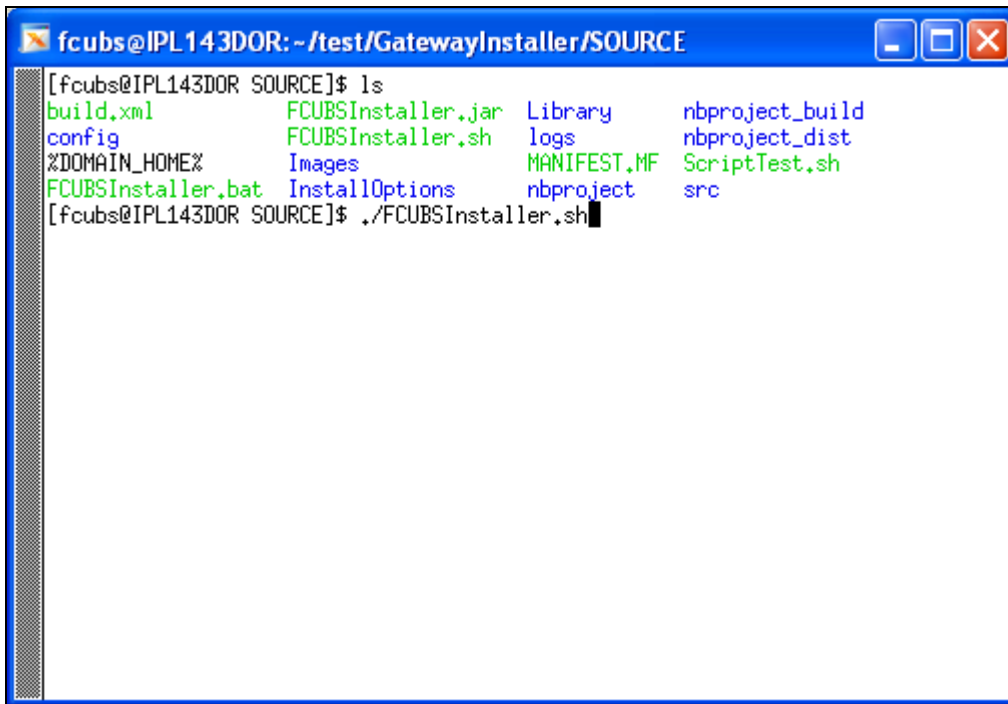
Specify the password for the LINUX user name.

**Excution Command**

Specify the execution command based on the operating system.

| Operating System | Execution Command |
|---|---|
| Oracle Enteprise Linux | /usr/bin/xterm -ls -display $DISPLAY |

2. Once you have specified the details, click 'Run'. The Xstart Console window is displayed.
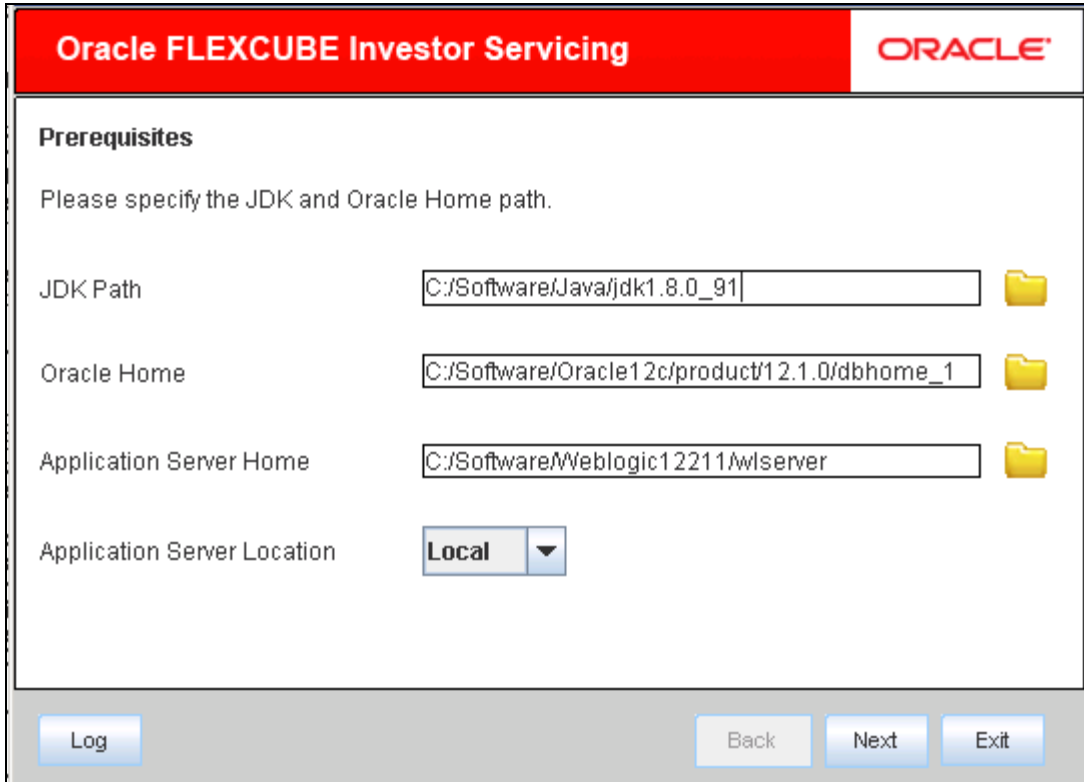


3. Use the following command to list the files present in the directory:

**ls**

In order to run the installer, you need to invoke the 'FCUBSInstaller.sh' file using the following command.

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**./FCUBSInstaller.sh** OR **sh FCUBSInstaller.sh**

The command starts the installer. The User will be prompted to enter the JAVA Home (mandatory), Application Server Home(Optional) AND ORACLE Home (Optional) after which the following screen is displayed.
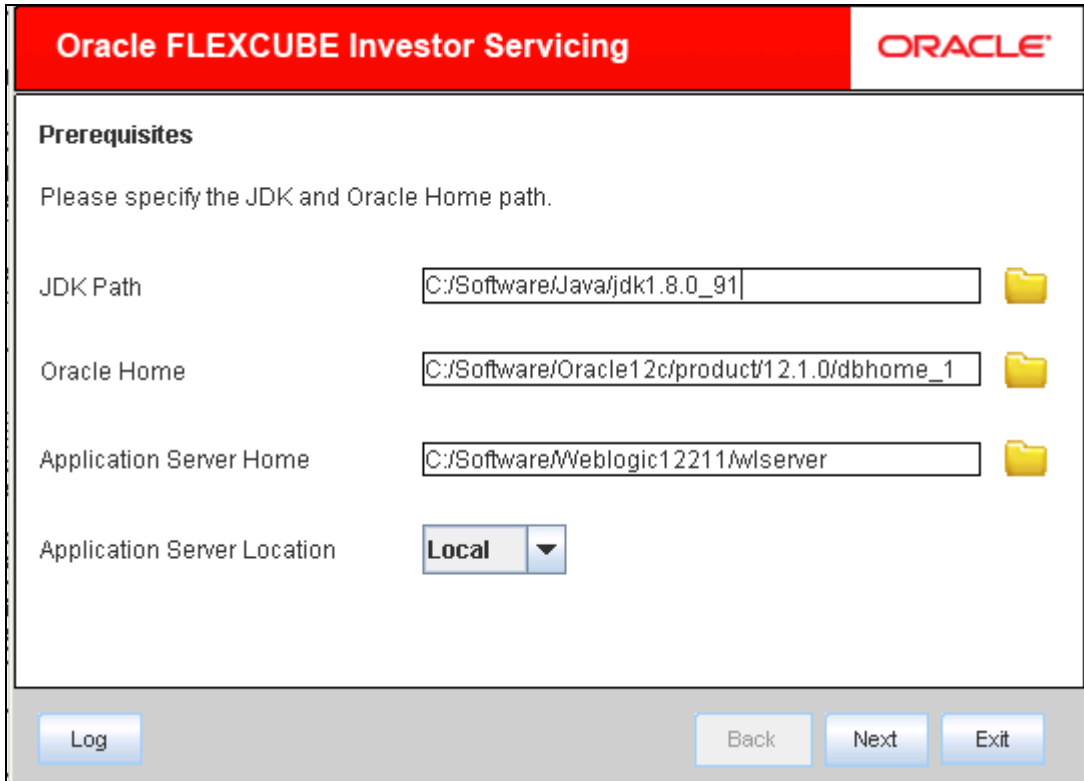
| Oracle FLEXCUBE Investor Servicing | ORACLE |
|---|---|

**Prerequisites**

Please specify the JDK and Oracle Home path.

| | | |
|---|---|---|
| JDK Path | C:/Software/Java/jdk1.8.0_91 | 📁 |
| Oracle Home | C:/Software/Oracle12c/product/12.1.0/dbhome_1 | 📁 |
| Application Server Home | C:/Software/Weblogic12211/wlserver | 📁 |
| Application Server Location | Local ▼ | |

| Log | | Back | Next | Exit |
|---|---|---|---|---|

4. Proceed with installation process.

🛑 On the first time launch of the installer on a system, all the fields in the installer will be displayed according to the values entered by the user at the command line level and the same data is saved in env.properties.

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On subsequent launches of installer on the same machine, the installer will read the paths from env.properties and display in the respective fields.



5. Proceed with installation process.

The 'Installer folder and the Destination folder must be present in the LINUX server with full access permissions.

# 2. Running Oracle FLEXCUBE Installer in Silent Mode

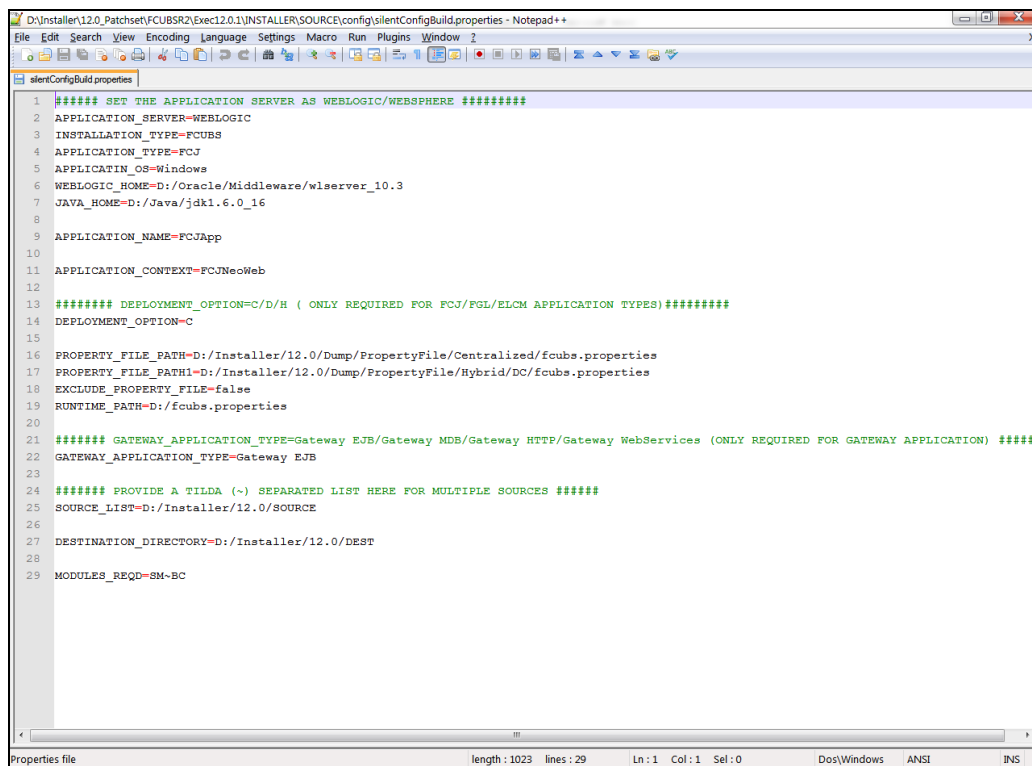This section describes the method to run Oracle FLEXCUBE Installer in silent mode.

Following features are supported in silent mode:

1. EAR Build (FCIS, Gateway)

2. Deployment (FCIS, Gateway)

3. Data Base Installation

4. User Creation and DSN

In order to run Oracle FLEXCUBE Installer in silent mode, you need to modify/edit the following properties files with proper values:

Path: \INSTALLER\SOURCE\config\

- 'silentConfigBuild.properties' to build Application in silent mode
- 'silentConfigDatabase.properties' to setup Database in silent mode
- 'silentUserCreation_DSNproperties' to set up user creation and DSN.
- 'silentAppDeployment.properties' to deploy application on Weblogic Server.



Follow the steps below given to run the installer in silent mode.

### 2.1.1  Running Installer in Silent Mode in Windows

In order to run the installer in silent mode in Windows, follow the steps given below.

1.  In command prompt, navigate to the folder where the 'FCUBSInstaller.bat' is located.

2.  Type the below command for

    - EAR Build (FCIS,Gateway)
      FCUBSInstaller.bat  /s AB <INSTALLER>/config/silentConfigBuild.properties
    - Deployment on Weblogic Server
      FCUBSInstaller.bat  /s AD <INSTALLER>/config/silentAppDeployment.properties

    - Data Base Installation
      FCUBSInstaller.bat  /s DB <INSTALLER>/config/silentConfigDatabase.properties
    - User Creation
      FCUBSInstaller.bat  /s UC <INSTALLER>/config/ silentUserCreation_DSN.properties
    - DSN
      FCUBSInstaller.bat  /s RP <INSTALLER>/config/ silentUserCreation_DSN.properties
      (the command should be given in a single line)

3.  Once the installer finishes the task, this log window gets closed automatically.

### 2.1.2  Running Installer in Silent Mode in Linux

You can run Oracle FLEXCUBE is Installer in silent mode using the following command:

🛑 The command should be given in a single line.

- EAR Build (FCIS,Gateway)
  sh FCUBSInstaller.sh  /s AB <INSTALLER>/config/ silentConfigBuild.properties
- Data Base Installation
  sh FCUBSInstaller.sh /s DB <INSTALLER>/config/ silentConfigDatabase.properties
- Deployment on Weblogic Server
  sh FCUBSInstaller.sh /s AD <INSTALLER>/config/silentAppDeployment.properties
- User Creation
  sh FCUBSInstaller.sh  /s UC <INSTALLER>/config/silentUserCreation_DSN.properties
- DSN
  sh FCUBSInstaller.sh /s RP <INSTALLER>/config/ silentUserCreation_DSN.properties

🛑 Use the exact folder location instead of '<INSTALLER>' in the command.

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