

# Oracle® FLEXCUBE Investor Servicing Gateway EAR Building



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ORACLE®

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# Preface

**Oracle FLEXCUBE Investor Servicing** is a comprehensive mutual funds automation software from Oracle® Financial Servicing Software Ltd.©.

You can use the system to achieve optimum automation of all your mutual fund investor servicing processes, as it provides guidelines for specific tasks, descriptions of various features and processes, and general information.

This topic contains the following sub-topics:

- [Purpose](#)
- [Audience](#)
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Conventions](#)
- [Screenshot Disclaimer](#)
- [Acronyms and Abbreviations](#)

## Purpose

This manual is designed to help acquaint you with the installation of **Oracle FLEXCUBE Investor Servicing** application.

## Audience

This manual is intended for the following User/User Roles:

**Table 1 Users and Roles**

Users	Roles
Implementation team	Implementation of Oracle FLEXCUBE Investor Servicing
Presales team	Install Oracle FLEXCUBE Investor Servicing for demo purpose
Bank personnel	Who installs Oracle FLEXCUBE Investor Servicing

## Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

## Access to Oracle Support

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

## Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches, Security Alerts and Bulletins](#). All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

## Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

## Conventions

The following text conventions are used in this document:

Convention	Meaning
<b>boldface</b>	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

## Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

## Acronyms and Abbreviations

The list of the acronyms and abbreviations used are as follows:

**Table 2 Acronyms and Abbreviations**

Abbreviation	Description
<b>FCIS</b>	Oracle FLEXCUBE Investor Servicing
<b>OEM</b>	Oracle Enterprise Manager

**Table 2 (Cont.) Acronyms and Abbreviations**

Abbreviation	Description
<b>EMS</b>	Electronic Messaging Service
<b>EJB</b>	Enterprise Java Bean
<b>MDB</b>	Message Driven Beans

# 1

## Set up Gateway for Oracle FLEXCUBE

This topic explains the steps to set up the Gateway Application for **Oracle FLEXCUBE**.

The methods of setting up Gateway Application include the following sub-topics:

- [Set Up Gateway EJB Application](#)  
This topic explains the methods of setting up Gateway EJB Application.
- [Set Up Gateway MDB Application](#)  
This topic explains the methods of setting up Gateway MDB Application.
- [Set Up Gateway HTTP Application](#)  
This topic explains the methods of setting up Gateway HTTP Application.
- [Set Up Gateway WebServices Application](#)  
This topic explains the methods of setting up Gateway WebServices Application.

### 1.1 Set Up Gateway EJB Application

This topic explains the methods of setting up Gateway EJB Application.

You need to create the following gateway EJB property files before building the application.

- `gw_ejb_logger.properties`
- `GW_EJB_Prop.properties`

Refer to the topic *Gateway EJB Application* in *Gateway Property File Creation*.

#### **Build EAR File**

Follow the steps given below to build EAR file for Gateway EJB Application:

1. Start **Oracle FLEXCUBE Universal Installer**.

The **Oracle FLEXCUBE Universal Installer** is displayed.

Figure 1-1 Oracle FLEXCUBE Universal Installer

**Oracle FLEXCUBE Universal Installer 12.3.0.0.0**

**Oracle FLEXCUBE Investor Servicing** ORACLE®

**Prerequisites**

Please specify the JDK and Oracle Home path.

JDK Path

Oracle Home

Application Server Home

Application Server Location

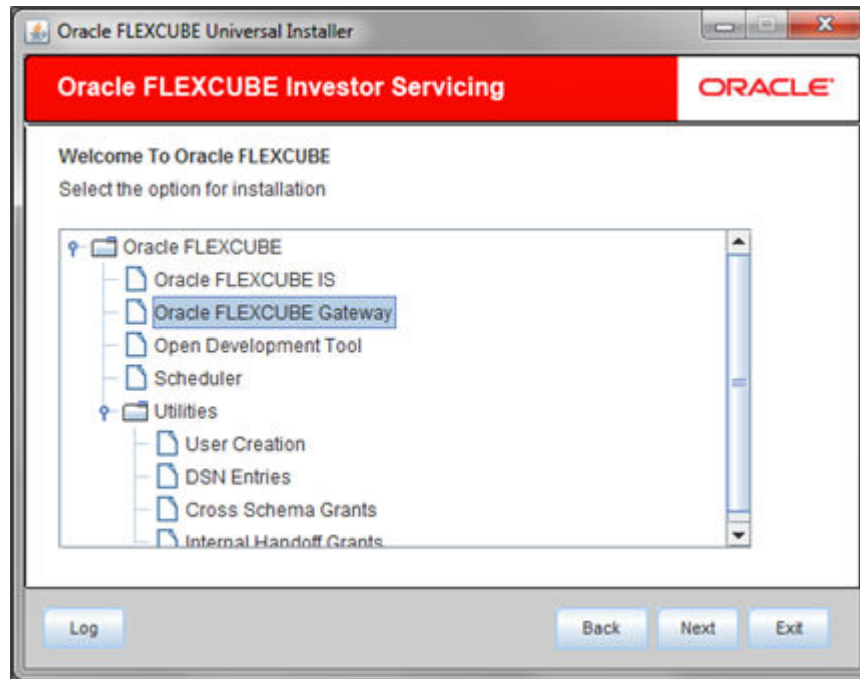
- On **Oracle FLEXCUBE Universal Installer** screen, enter the following details.  
Refer to the table for JDK and Oracle Home path.

Table 1-1 JDK and Oracle Home path

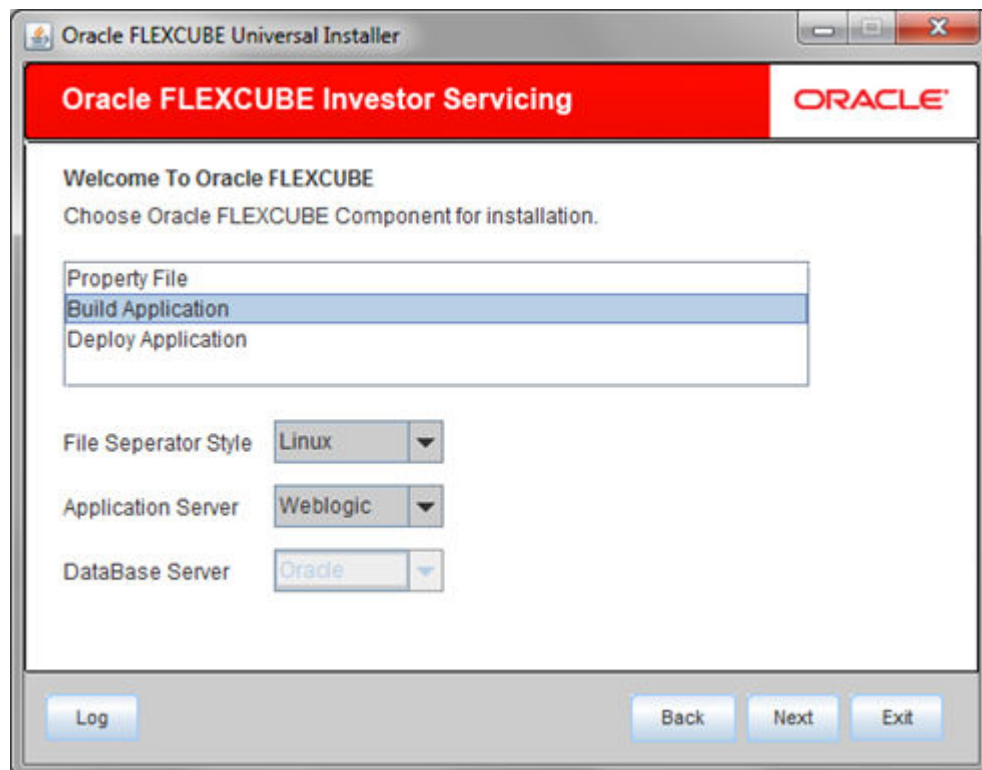
Field	Description
<b>JDK Path</b>	Provide Home folder path of JDK1.8.
<b>Oracle Home</b>	Provide home folder path of Oracle Client or Database.
<b>Application Server Home</b>	Provide home folder path of Application Server.
<b>Application Server Location</b>	Select location of the application server either local or remote.

- Click **Next** to select the option for installation.
- Select **Oracle FLEXCUBE Gateway** from the lists of **Oracle FLEXCUBE** options.  
The available options for installation are displayed.



**Figure 1-2 Select Oracle FLEXCUBE Gateway**

5. Click **Next** to choose **Oracle FLEXCUBE** component for installation.
6. Select **Build Application**.

**Figure 1-3 Build Application**

7. Specify the type of file separator (Eg: Linux or Windows). Choose the appropriate one from the drop-down list. You also need to specify the version of the selected operating system.

8. Specify the application server in which you are creating the property file. Choose the appropriate one from the drop-down list.
9. Click **Next** to specify the **Installation Type**.  
The following screen is displayed.

**Figure 1-4 Installation Type and Schema details**

The screenshot shows the 'Oracle FLEXCUBE Universal Installer' window. The title bar is 'Oracle FLEXCUBE Universal Installer'. The main window has a red header with 'Oracle FLEXCUBE Investor Servicing' and the 'ORACLE' logo. Below the header, there is a section for 'Installation Type' with a checkbox. Underneath, there is a text field for 'FC Home' containing 'D:\test' and a folder icon. Below that, there are two radio buttons: 'EAR Build' (selected) and 'EAR Build Rolled-up'. Below the radio buttons, there is a text label 'Provide SMS schema details for patch install...'. Below this label is a table with two columns: 'Name' and 'Value'. The table contains the following rows:

Name	Value
Username	test
Password	****
Service Name	test
IP Address	10.10.10.10
Port	1234
TNS Connect Descriptor	test

Below the table is a 'Test Connection' button. At the bottom of the window, there are four buttons: 'Log', 'Back', 'Next', and 'Exit'.

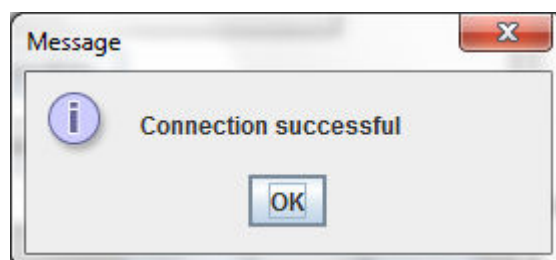
10. Enter the source path in **FC Home** and specify the SMS schema details.

**Note**

This is the **FC Home** folder that needs to be set. Also, it should point to SMS schema. Those versions less than or equal to the current environment are allowed.

11. Click **Test Connection** to test the connection with the Application server.  
On successful connection, the following message is displayed.

**Figure 1-5 Information Message on Successful Connection**



12. Click **Next** to specify the patch list details.

**Figure 1-6 Valid Patch List**

No	Version	Type	Select
1	14.0.0.0	CONSOLE	<input checked="" type="checkbox"/>

13. Click **Next** and select **Gateway EJB** from the **Gateway Application Type**.  
The screen displays the selected **Gateway Application Type**.

**Figure 1-7 Gateway Application Type\_Gateway EJB**

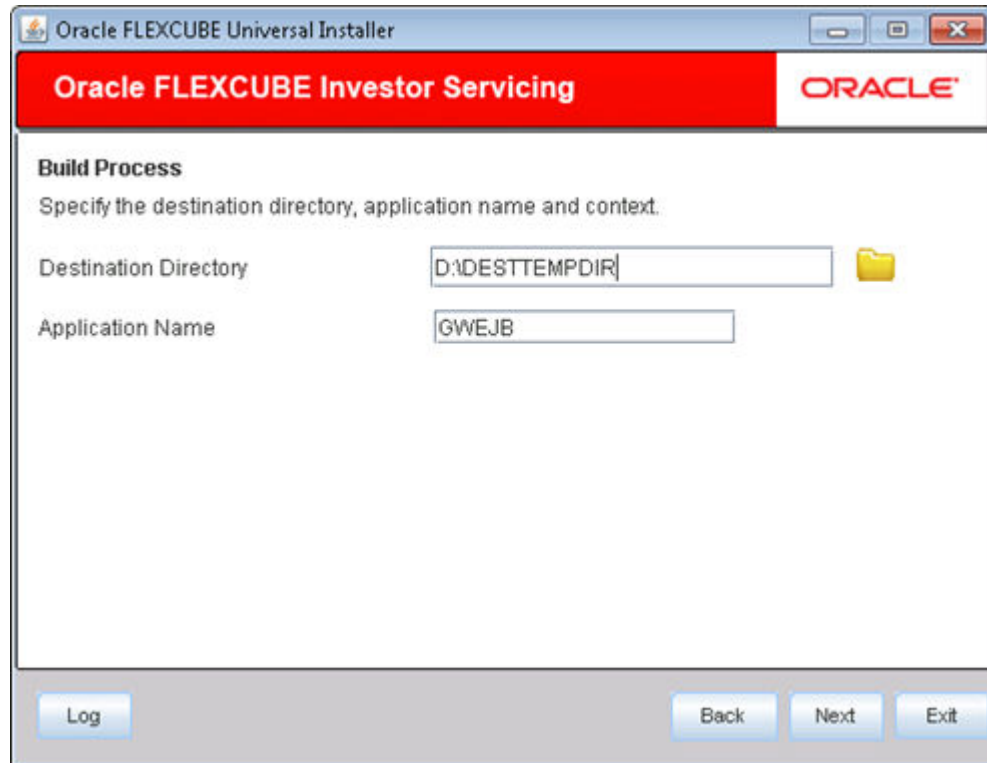
Gateway Property File Creation  
Choose the Gateway Application Type

- Gateway Application Type
  - Gateway EJB
  - Gateway MDB
  - Gateway Http Servlet
  - Gateway WebServices
  - REST Services EJB
  - REST Services WebServices

14. Click **Next**.

The following screen is displayed.

**Figure 1-8 Destination Directory and Application Name\_GWEJB**



15. On the **Build Process** screen, specify the following details.  
Refer to the Build Process table.

**Table 1-2 Build Process**

Field	Description
<b>Destination Directory</b>	Specify the location of the destination directory. The source files from the software will be copied to this location. Eg: D:\Testing\source\dest
<b>Application Name</b>	Specify the EAR name of the application. The application name should not contain special characters and space. However, you may use _ (Underscore). The EJB reference name will be <b>{APPLICATIONNAME}_GW_EJB_Bean</b> and the JNDI name will be <b>{APPLICATIONNAME}/ejb/GW_EJB_Bean</b> . For example, consider that the application name is GWEJB. In that case EJB and JNDI names will be as follows: <ul style="list-style-type: none"> <li><b>EJB reference name:</b> GWEJB_GW_EJB_Bean</li> <li><b>JNDI name:</b> GWEJB/ejb/GW_EJB_Bean</li> </ul>

16. Specify the Property File path.  
Refer to the details of Property File table.

Table 1-3 Property File

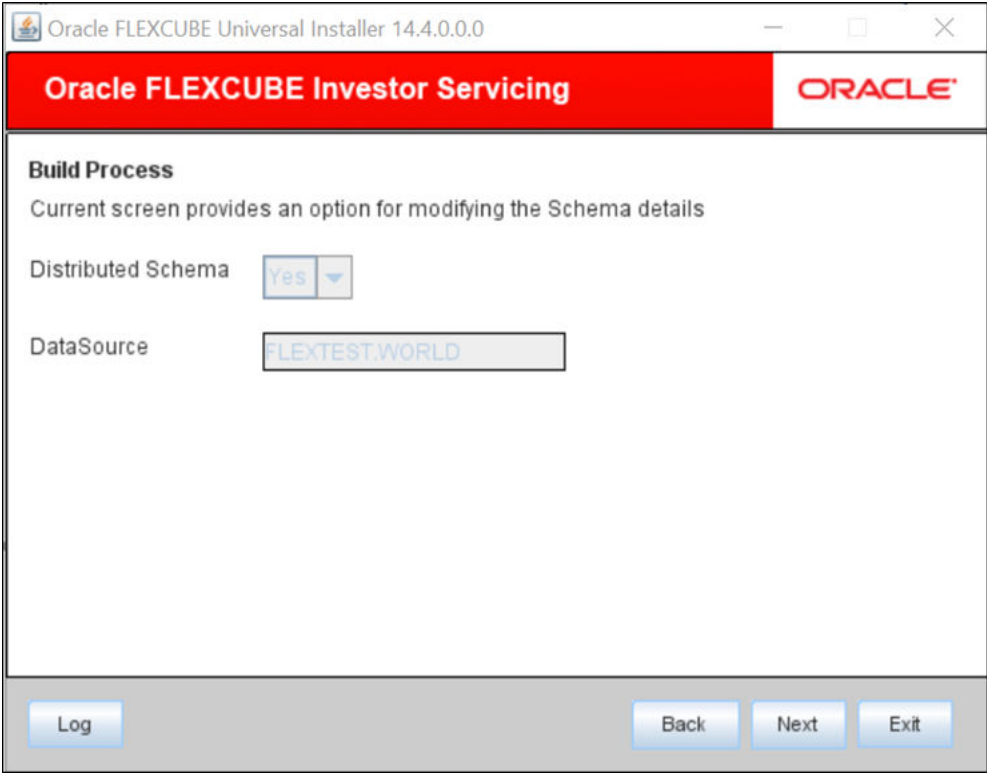
Field	Description
Load Property File	Specify the exact property file by clicking the folder icon to modify an existing property file. <b>Note:</b> Do not load the <code>Logger.properties</code> file. The installer will load that file automatically based on the property file.
Symmetric Key	Specify the symmetric key details.

Figure 1-9 Property File Details\_GWEJB

The screenshot shows a window titled "Oracle FLEXCUBE Investor Servicing" with the Oracle logo in the top right corner. The main area is labeled "Build Process" and contains the instruction "Specify the Property File path." Below this, there are two input fields. The first is labeled "Load Property File" and contains the text "ALLER\SOURCE\propfile\GW\_EJB\_Prop.properties", with a yellow folder icon to its right. The second is labeled "Symmetric key" and contains the text "oraclefinancials". Below these fields is a large text area with the placeholder text "Provide the property file path to be included." and a vertical scrollbar on the right. At the bottom of the window, there are four buttons: "Log", "Back", "Next", and "Exit".

17. Click **Next**. You are provided with an option for modifying the schema details. The following screen is displayed.

Figure 1-10    Modify Schema Details

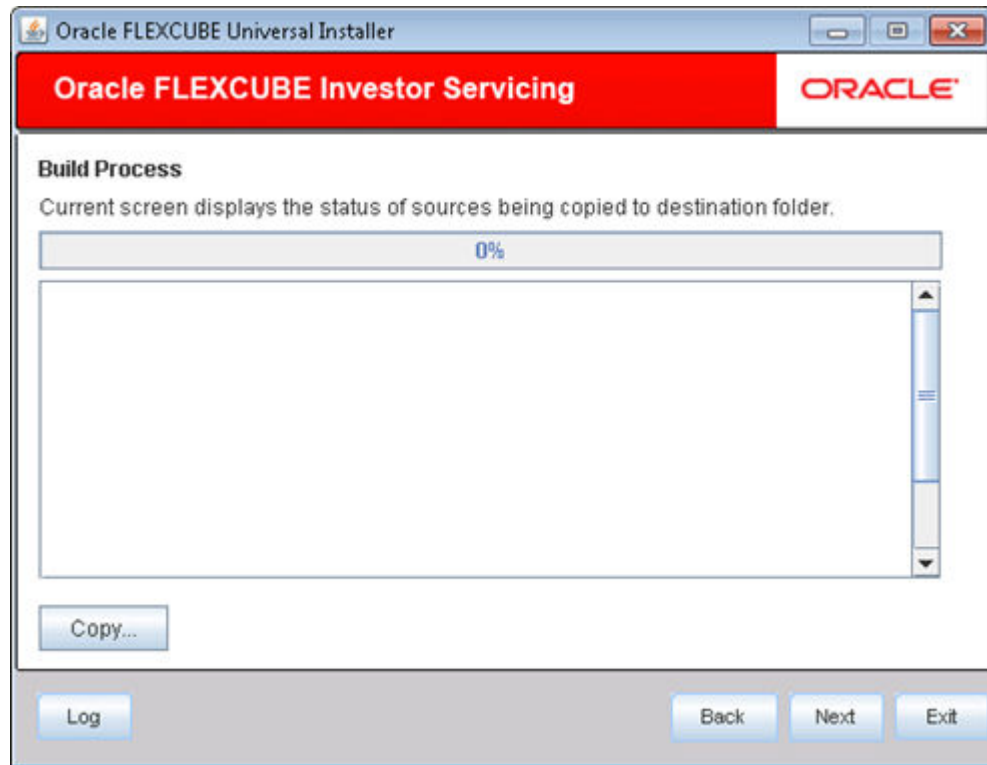


18. Specify the modifying the schema details.  
Refer to the table for modifying the schema details.

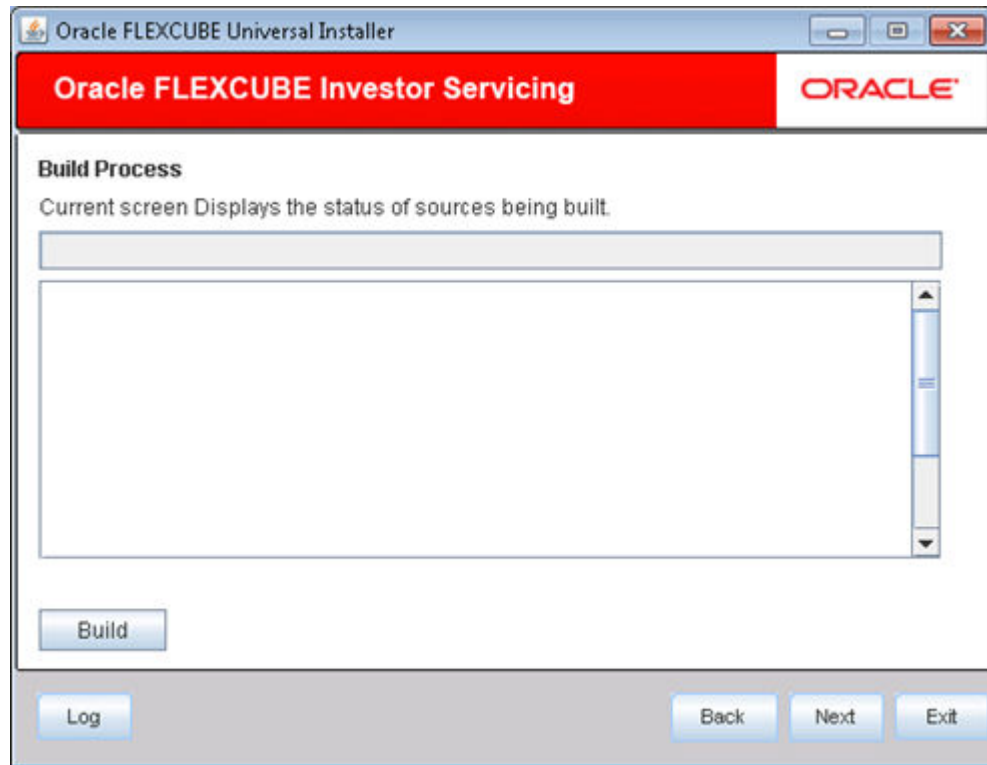
Table 1-4    Modify schema details.

Field	Description
Distributed Schema	Select Distributed Schema as <b>Yes</b> .
Data Source	Specify the data source of the schema.

19. Click **Next** to view the status of sources being copied to destination folder.  
The following screen is displayed.

**Figure 1-11 Status of Sources being Copied**

20. Click **Copy** button.  
The installer copies the files.
21. Click **Next**.  
The screen displays the status of sources being built.

**Figure 1-12 Status of Sources being Built**

22. Click **Build** button to start the build process.

The installer builds the source files.

This completes the EAR file generation process. The EAR file will be saved to the destination directory.

## 1.2 Set Up Gateway MDB Application

This topic explains the methods of setting up Gateway MDB Application.

You need to create the following gateway MDB property files before building the application.

- `gw_mdb_logger.properties`
- `GW_MDB_Prop.properties`

Refer to the topic *Gateway MDB Application in Gateway Property File Creation*.

### **Build EAR File**

Follow the steps given below to build EAR file for Gateway MDB Application:

1. Start **Oracle FLEXCUBE Universal Installer**.

The **Oracle FLEXCUBE Universal Installer** is displayed.



Figure 1-13 Oracle FLEXCUBE Universal Installer

**Oracle FLEXCUBE Universal Installer 12.3.0.0.0**

**Oracle FLEXCUBE Investor Servicing** ORACLE®

**Prerequisites**

Please specify the JDK and Oracle Home path.

JDK Path

Oracle Home

Application Server Home

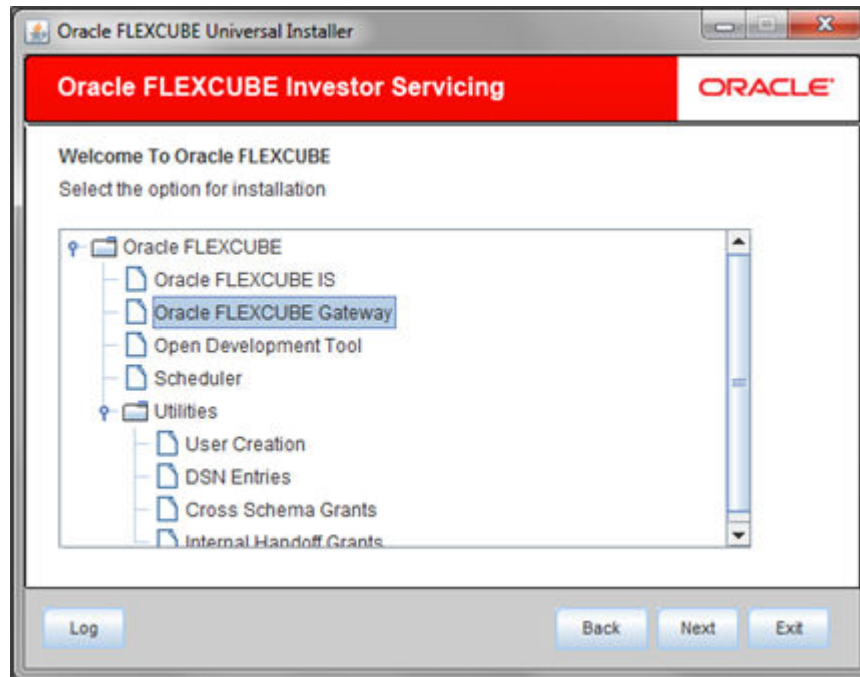
Application Server Location Local ▼

- On **Oracle FLEXCUBE Universal Installer** screen, enter the following details.  
Refer to the table for JDK and Oracle Home path.

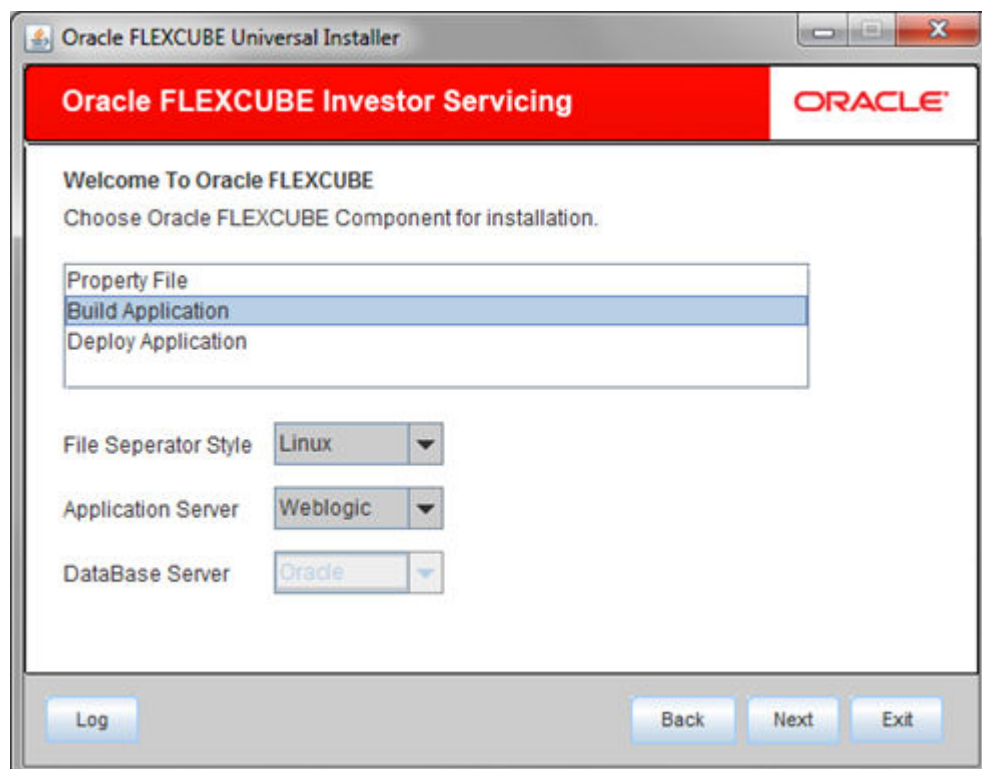
Table 1-5 JDK and Oracle Home path

Field	Description
<b>JDK Path</b>	Provide Home folder path of JDK1.8.
<b>Oracle Home</b>	Provide home folder path of Oracle Client or Database.
<b>Application Server Home</b>	Provide home folder path of Application Server.
<b>Application Server Location</b>	Select location of the application server either local or remote.

- Click **Next** to select the option for installation.
- Select **Oracle FLEXCUBE Gateway** from the lists of **Oracle FLEXCUBE** options.  
The available options for installation are displayed.

**Figure 1-14 Select Oracle FLEXCUBE Gateway**

5. Click **Next** to choose **Oracle FLEXCUBE** component for installation.
6. Select **Build Application**.

**Figure 1-15 Build Application**

7. Specify the type of file separator (e.g: Linux or Windows). Choose the appropriate one from the drop-down list. You also need to specify the version of the selected operating system.
8. Specify the application server in which you are creating the property file. Choose the appropriate one from the drop-down list.
9. Click **Next** to specify the **Installation Type**.

The following screen is displayed.

**Figure 1-16 Installation Type and Schema details**

The screenshot shows the 'Oracle FLEXCUBE Universal Installer' window. The title bar says 'Oracle FLEXCUBE Universal Installer'. The main window has a red header with 'Oracle FLEXCUBE Investor Servicing' and the 'ORACLE' logo. Below the header, there's a section for 'Installation Type' with a checkbox. Underneath, there's a text field for 'FC Home' containing 'D:\test' and a folder icon. Below that, there are two radio buttons: 'EAR Build' (selected) and 'EAR Build Rolled-up'. Below the radio buttons, there's a text label 'Provide SMS schema details for patch install...'. Below this label is a table with two columns: 'Name' and 'Value'. The table contains the following rows: 'Username' with value 'test', 'Password' with value '\*\*\*\*', 'Service Name' with value 'test', 'IP Address' with value '10.10.10.10', 'Port' with value '1234', and 'TNS Connect Descriptor' with value 'test'. Below the table is a 'Test Connection' button. At the bottom of the window, there are four buttons: 'Log', 'Back', 'Next', and 'Exit'.

Name	Value
Username	test
Password	****
Service Name	test
IP Address	10.10.10.10
Port	1234
TNS Connect Descriptor	test

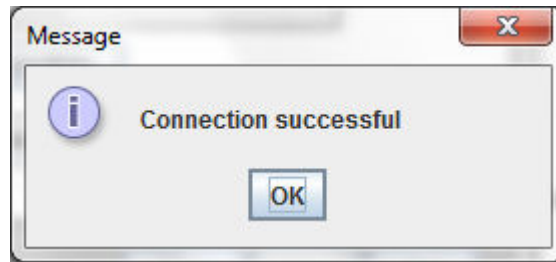
10. Enter the source path in **FC Home** and specify the SMS schema details.

**Note**

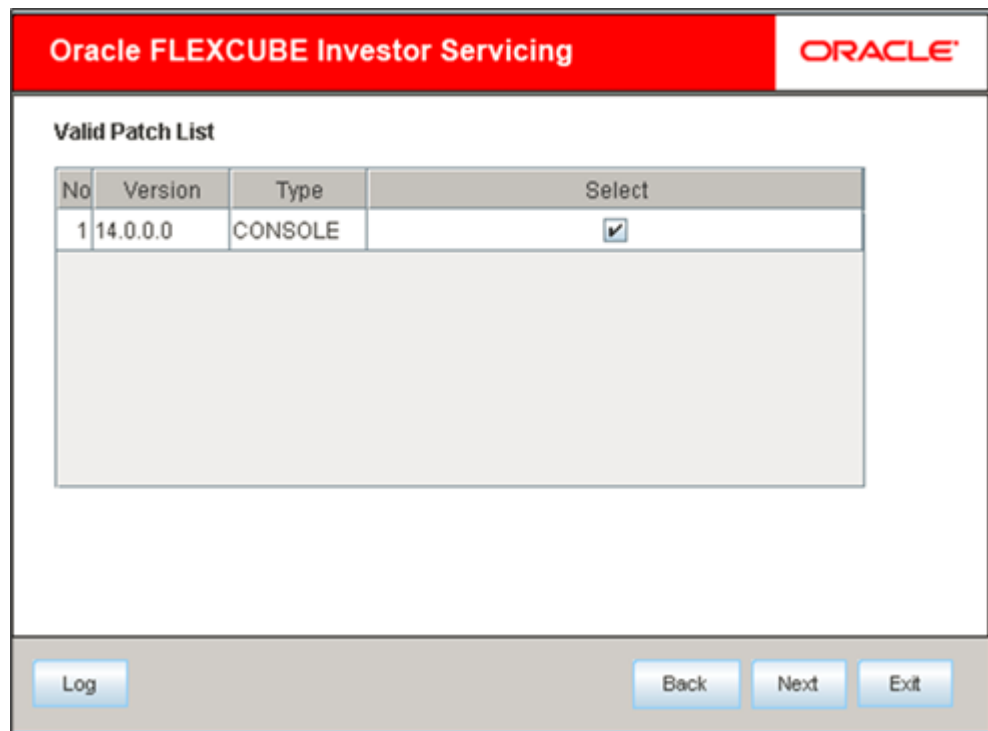
This is the **FC Home** folder that needs to be set. Also, it should point to SMS schema. Those versions less than or equal to the current environment are allowed.

11. Click **Test Connection** to test the connection with the Application server.

On successful connection, the following message is displayed.

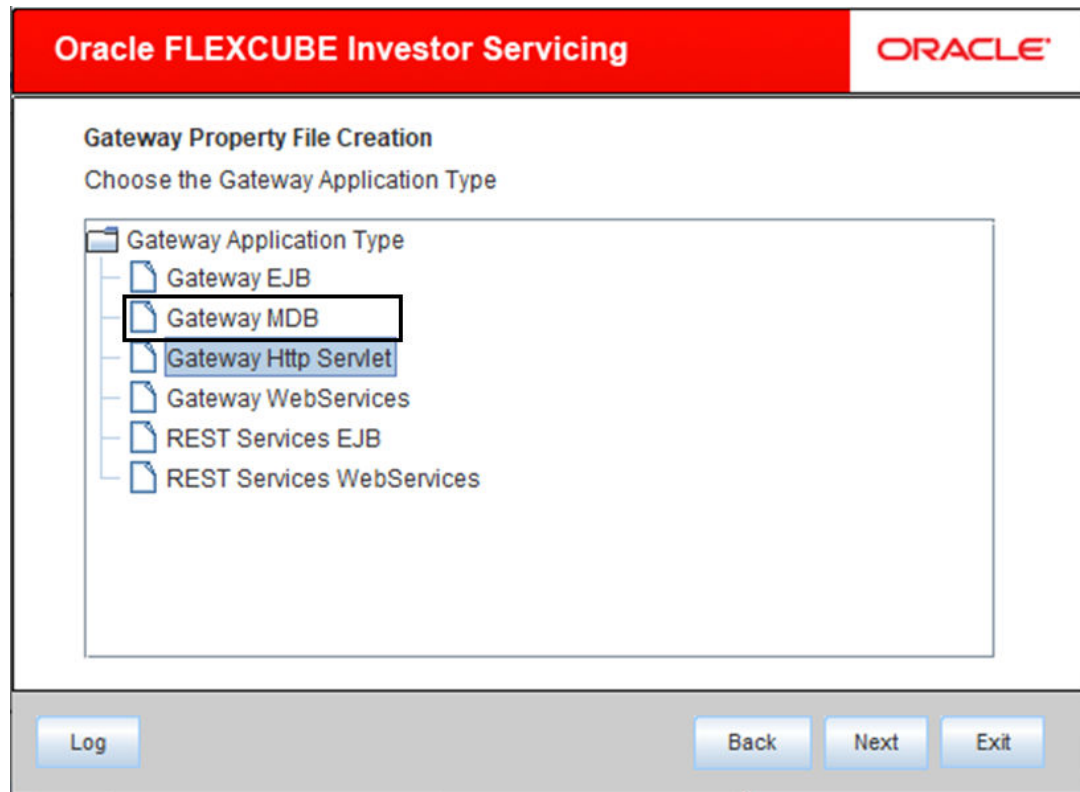
**Figure 1-17 Information Message on Successful Connection**

12. Click **Next** to specify the patch list details.

**Figure 1-18 Valid Patch List**

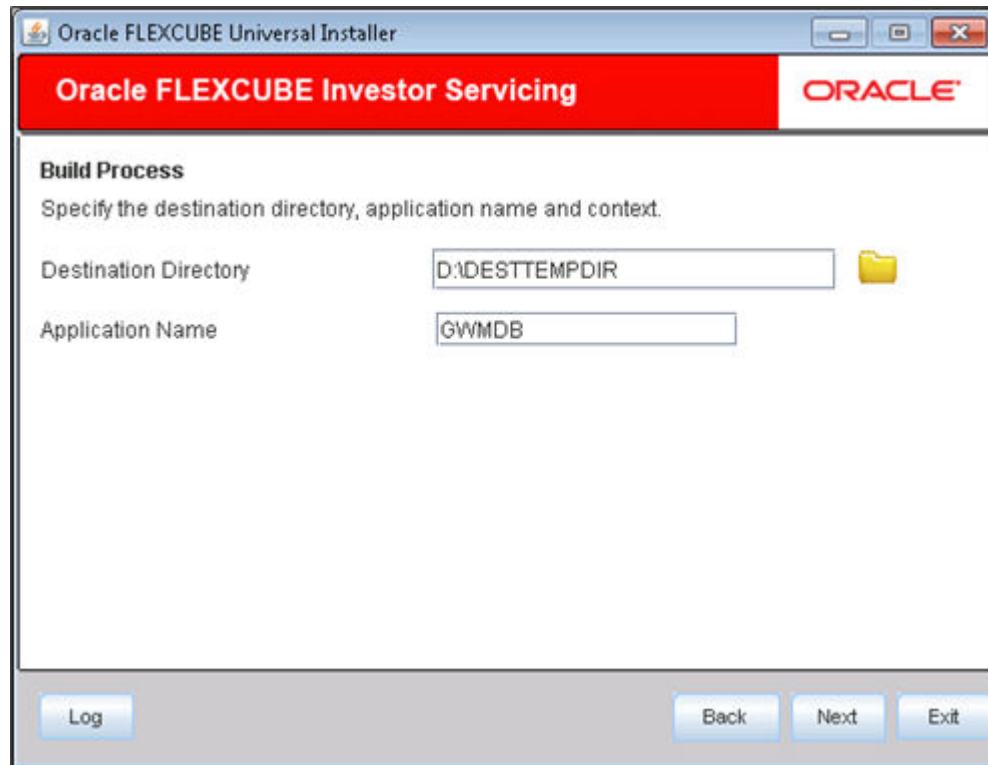
No	Version	Type	Select
1	14.0.0.0	CONSOLE	<input checked="" type="checkbox"/>

13. Click **Next** and select **Gateway MDB** from the **Gateway Application Type**.  
The screen displays the selected **Gateway Application Type**.

**Figure 1-19 Gateway Application Type\_Gateway MDB**

14. Click **Next**.

The following screen is displayed.

**Figure 1-20 Destination Directory and Application Name\_GWMDB**

15. On the **Build Process** screen, specify the following details.  
Refer to the Build Process table.

**Table 1-6 Build Process**

Field	Description
<b>Destination Directory</b>	Specify the location of the destination directory. The source files from the software will be copied to this location. Eg: D:\Testing\source\dest
<b>Application Name</b>	Specify the EAR name of the application. The application name should not contain special characters and space. However, you may use _ (Underscore). Eg: GWMDB

16. Specify the Property File path.  
Refer to the details of Property File table.

**Table 1-7 Property File**

Field	Description
<b>Load Property File</b>	Specify the exact property file by clicking on the folder icon to modify an existing property file. <b>Note:</b> Do not load the <code>Logger.properties</code> file. The installer will load that file automatically based on the property file.
<b>Symmetric Key</b>	Specify the symmetric key details.


**Figure 1-21 Property File Details\_GWMBD**

Oracle FLEXCUBE Investor Servicing

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**Build Process**

Specify the Property File path.

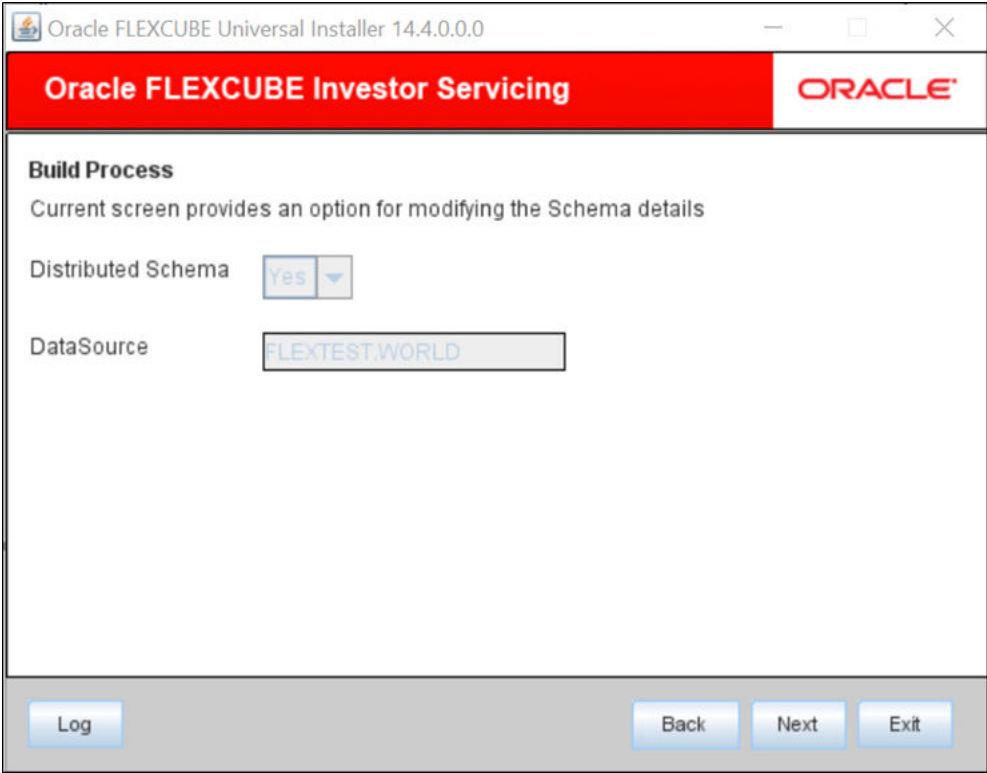
Load Property File  

Symmetric key

*Provide the property file path to be included.*

17. Click **Next**. You are provided with an option for modifying the schema details.  
The following screen is displayed.

Figure 1-22    Modify Schema Details



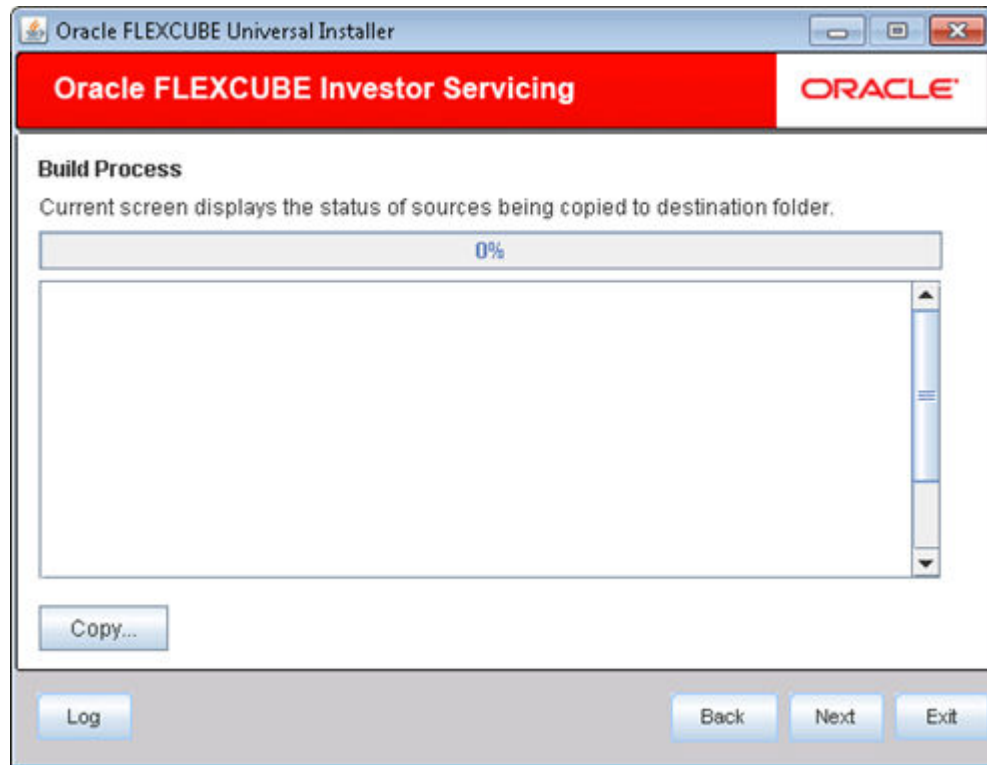
18. Specify the modifying the schema details.  
Refer to the table for modifying the schema details.

Table 1-8    Modify schema details.

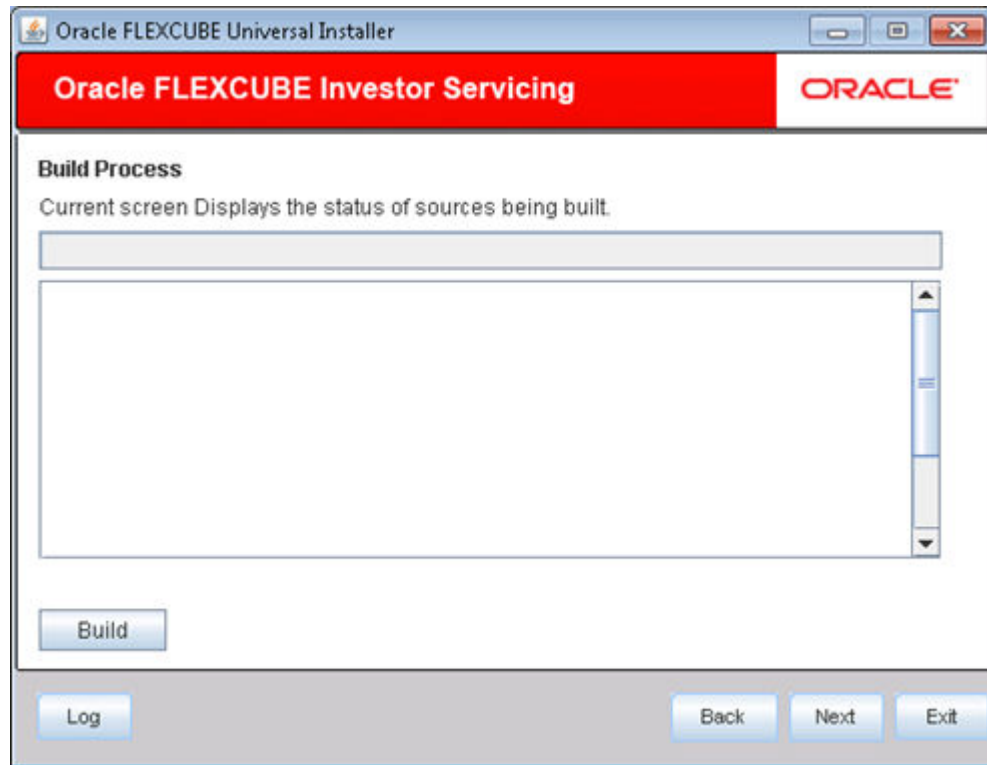
Field	Description
Distributed Schema	Select Distributed Schema as <b>Yes</b> .
Data Source	Specify the data source of the schema.

19. Click **Next** to view the status of sources being copied to destination folder.  
The following screen is displayed.



**Figure 1-23 Status of Sources being Copied**

20. Click **Copy** button.  
The installer copies the files.
21. Click **Next**.  
The screen displays the status of sources being built.

**Figure 1-24 Status of Sources being Built**

22. Click **Build** button to start the build process.

The installer builds the source files.

This completes the EAR file generation process. The EAR file will be saved to the destination directory.

## 1.3 Set Up Gateway HTTP Application

This topic explains the methods of setting up Gateway HTTP Application.

You need to create the following gateway HTTP property files before building the application.

- `gw_http_logger.properties`
- `GW_HTTP_Prop.properties`

Refer to the topic *Gateway HTTP Application in Gateway Property File Creation*.

### **Build EAR File**

Follow the steps given below to build EAR file for Gateway HTTP Application:

1. Start **Oracle FLEXCUBE Universal Installer**.

The **Oracle FLEXCUBE Universal Installer** is displayed.

Figure 1-25 Oracle FLEXCUBE Universal Installer

**Oracle FLEXCUBE Universal Installer 12.3.0.0.0**

**Oracle FLEXCUBE Investor Servicing** ORACLE®

**Prerequisites**

Please specify the JDK and Oracle Home path.

JDK Path:

Oracle Home:

Application Server Home:

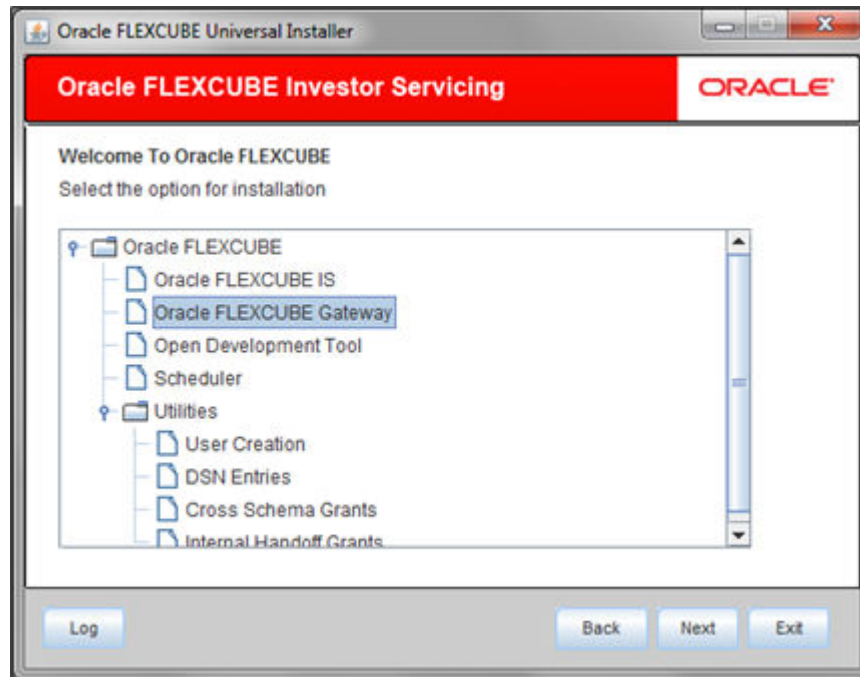
Application Server Location:

- On **Oracle FLEXCUBE Universal Installer** screen, enter the following details.  
Refer to the table for JDK and Oracle Home path.

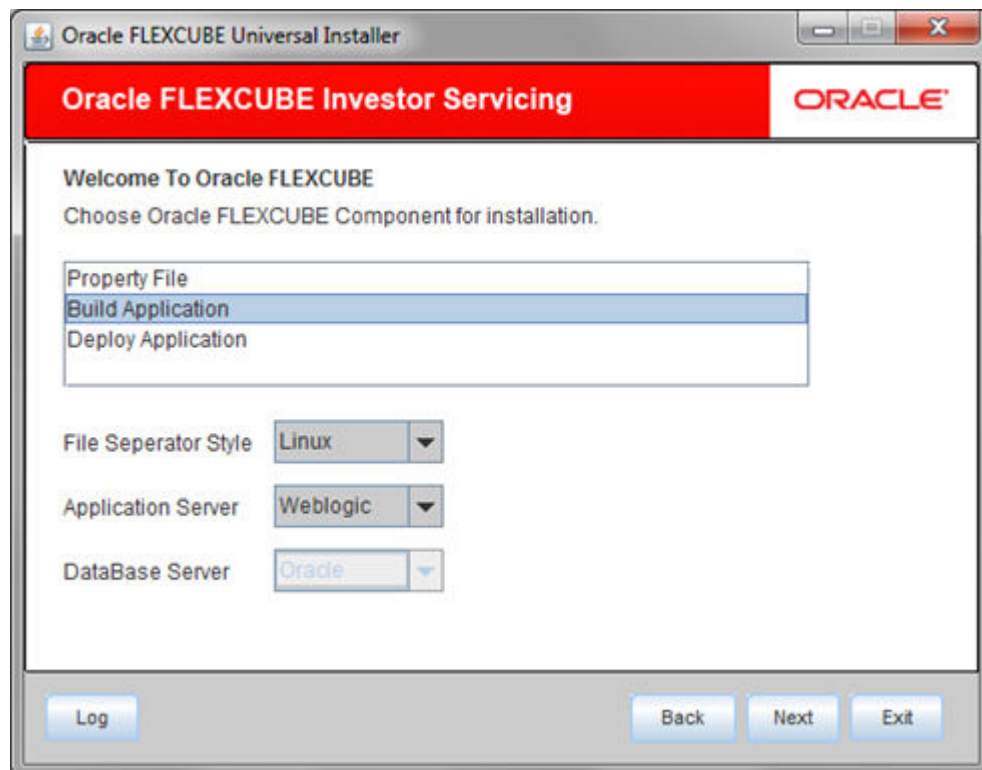
Table 1-9 JDK and Oracle Home path

Field	Description
<b>JDK Path</b>	Provide Home folder path of JDK1.8.
<b>Oracle Home</b>	Provide home folder path of Oracle Client or Database.
<b>Application Server Home</b>	Provide home folder path of Application Server.
<b>Application Server Location</b>	Select location of the application server either local or remote.

- Click **Next** to select the option for installation.
- Select **Oracle FLEXCUBE Gateway** from the lists of **Oracle FLEXCUBE** options.  
The available options for installation are displayed.

**Figure 1-26 Select Oracle FLEXCUBE Gateway**

5. Click **Next** to choose **Oracle FLEXCUBE** component for installation.
6. Select **Build Application**.

**Figure 1-27 Build Application**

7. Specify the type of file separator (Eg: Linux or Windows). Choose the appropriate one from the drop-down list. You also need to specify the version of the selected operating system.

8. Specify the application server in which you are creating the property file. Choose the appropriate one from the drop-down list.
9. Click **Next** to specify the **Installation Type**.  
The following screen is displayed.

**Figure 1-28 Installation Type and Schema details**

Oracle FLEXCUBE Universal Installer

**Oracle FLEXCUBE Investor Servicing** ORACLE

Installation Type ☐

FC Home

☒ EAR Build ☐ EAR Build Rolled-up

Provide SMS schema details for patch install...

Name	Value
Username	test
Password	****
Service Name	test
IP Address	10.10.10.10
Port	1234
TNS Connect Descriptor	test

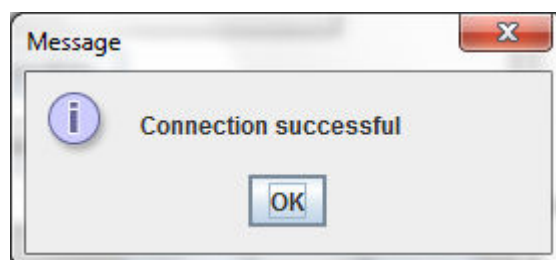
10. Enter the source path in **FC Home** and specify the SMS schema details.

**Note**

This is the **FC Home** folder that needs to be set. Also, it should point to SMS schema. Those versions less than or equal to the current environment are allowed.

11. Click **Test Connection** to test the connection with the Application server.  
On successful connection, the following message is displayed.

**Figure 1-29 Information Message on Successful Connection**

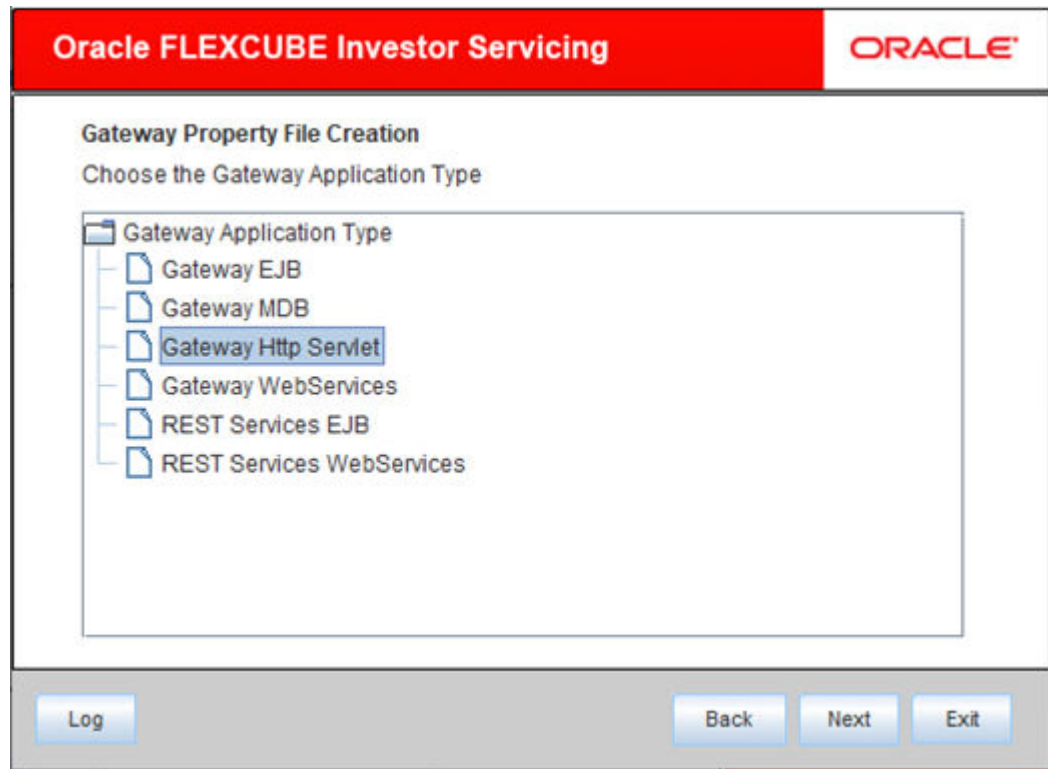


12. Click **Next** to specify the patch list details.

**Figure 1-30 Valid Patch List**

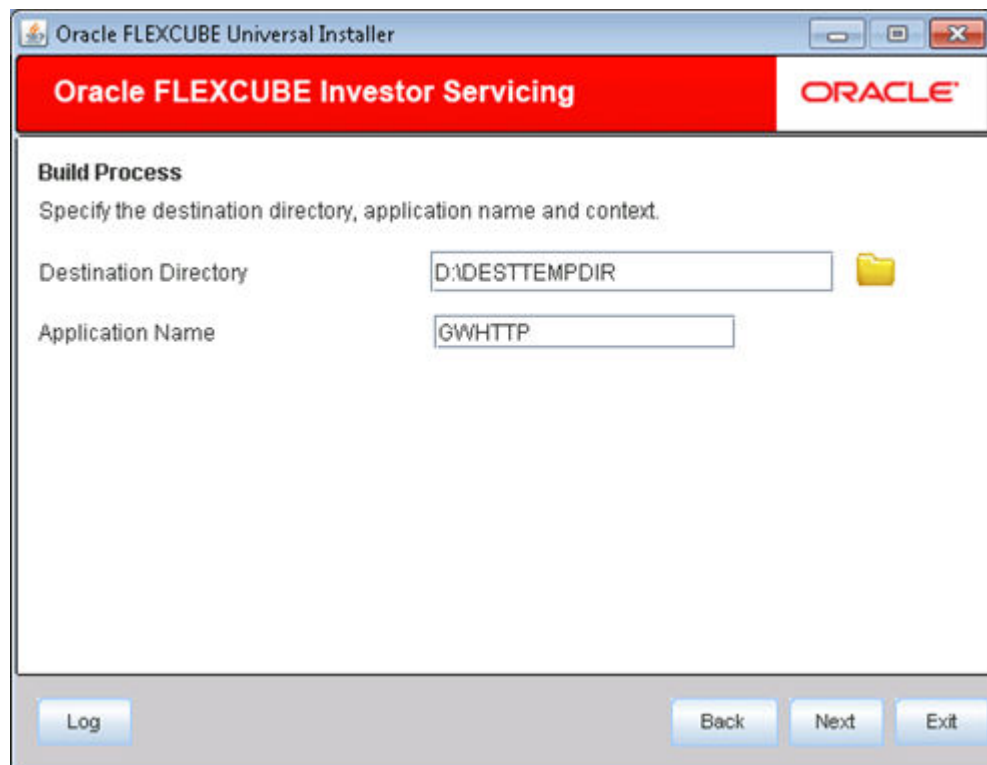
No	Version	Type	Select
1	14.0.0.0	CONSOLE	<input checked="" type="checkbox"/>

13. Click **Next** and select **Gateway EJB** from the **Gateway Application Type**.  
The screen displays the selected Gateway Application Type.

**Figure 1-31 Gateway Application Type\_Gateway Http Servlet**

14. Click **Next**.

The following screen is displayed.

**Figure 1-32 Destination Directory and Application Name\_GWHTTP**

15. On the **Build Process** screen, specify the following details.  
Refer to the Build Process table.

**Table 1-10 Build Process**

Field	Description
<b>Destination Directory</b>	Specify the location of the destination directory. The source files from the software will be copied to this location. Eg: D:\Testing\source\dest
<b>Application Name</b>	Specify the EAR name of the application. The application name should not contain special characters and space. However, you may use _ (Underscore). Eg: GWHTTP

16. Specify the Property File path.  
Refer to the details of Property File table.


**Table 1-11 Property File**

Field	Description
<b>Load Property File</b>	Specify the exact property file by clicking the folder icon to modify an existing property file. <b>Note:</b> Do not load the <code>Logger.properties</code> file. The installer will load that file automatically based on the property file.
<b>Symmetric Key</b>	Specify the symmetric key details.

**Figure 1-33 Property File Details\_GWHTTP**

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**Build Process**  
Specify the Property File path.

Load Property File  

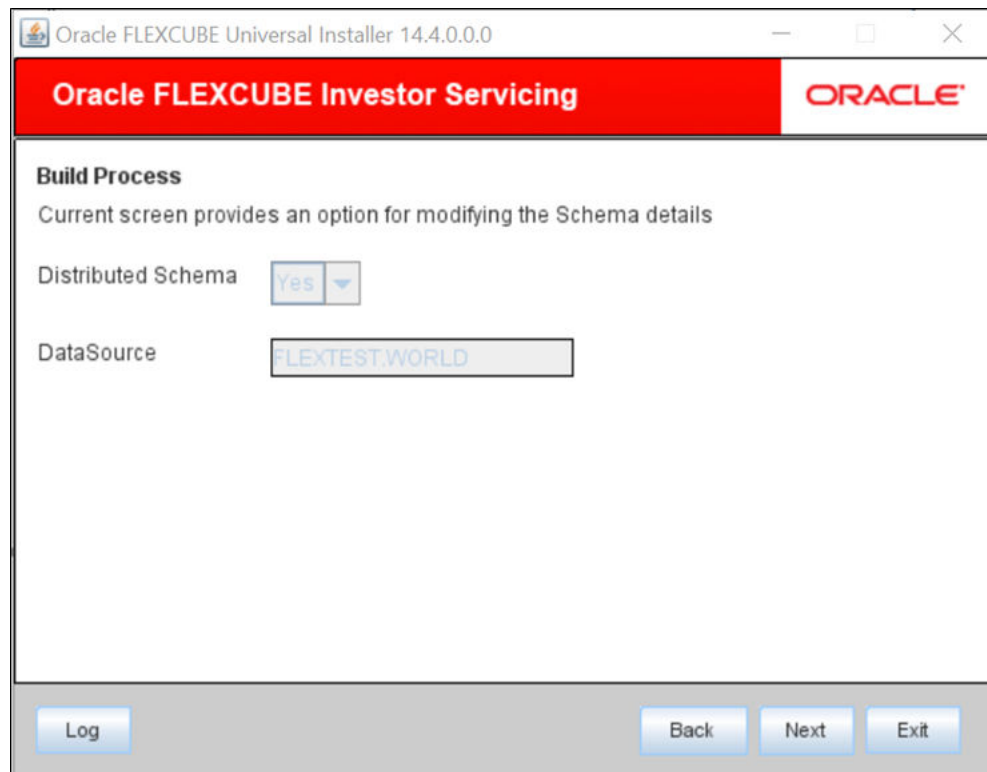
Symmetric key

*Provide the property file path to be included.*



17. Click **Next**. You are provided with an option for modifying the schema details.  
The following screen is displayed.

**Figure 1-34 Modify Schema Details**

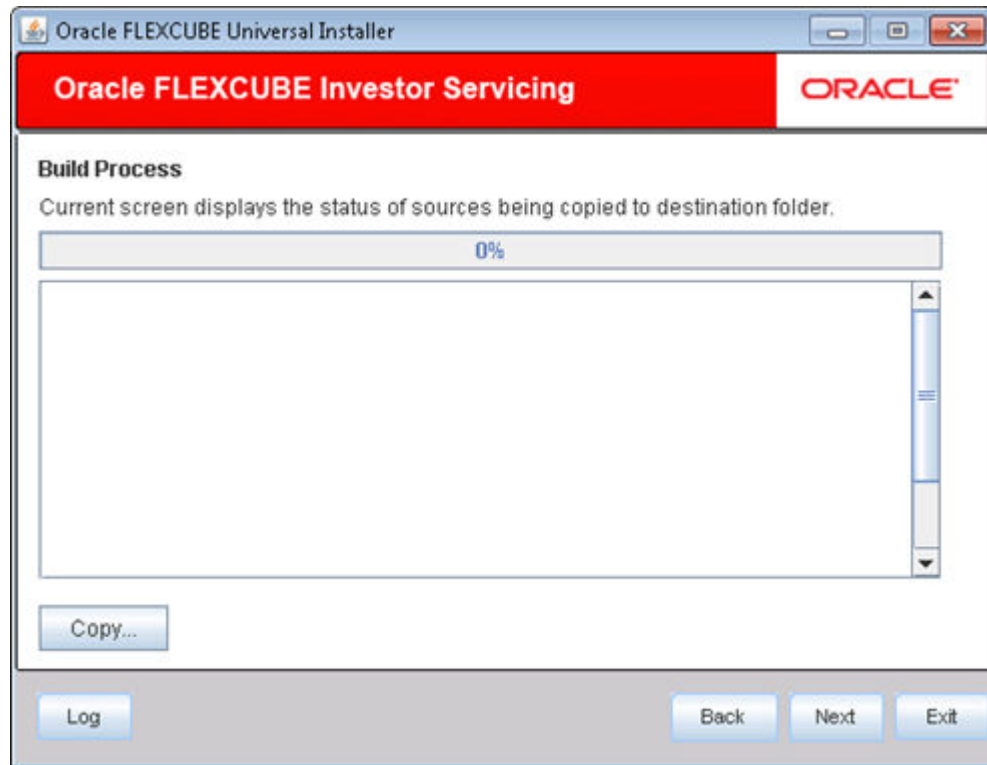


18. Specify the modifying the schema details.  
Refer to the table for modifying the schema details.

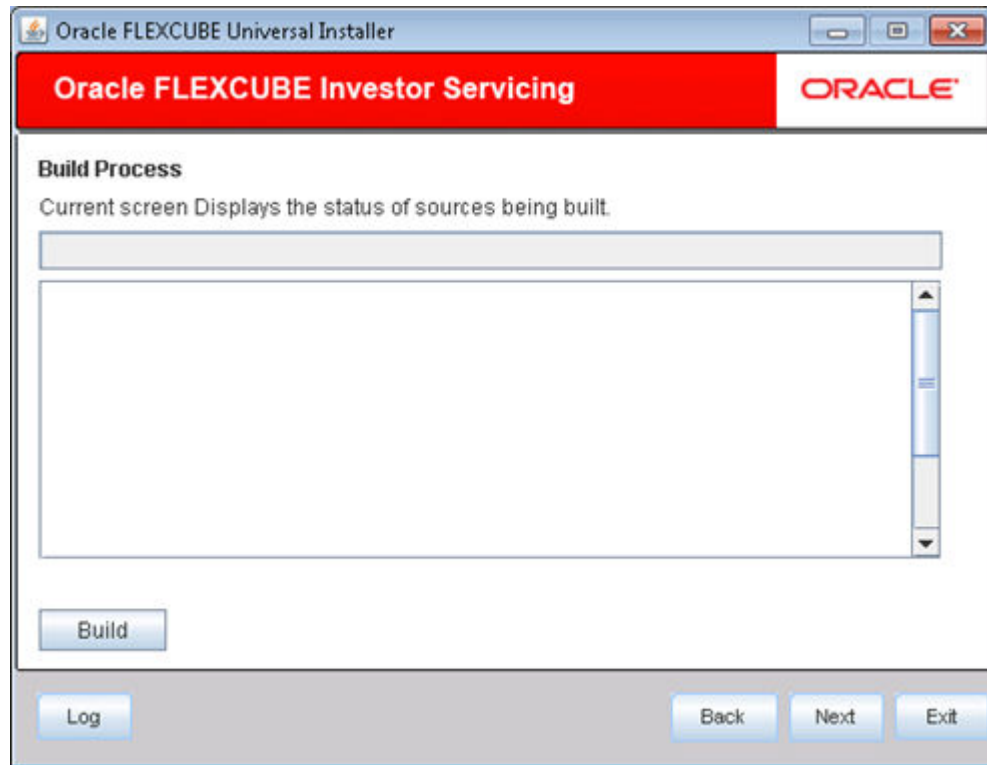
**Table 1-12 Modify schema details.**

Field	Description
<b>Distributed Schema</b>	Select Distributed Schema as <b>Yes</b> .
<b>Data Source</b>	Specify the data source of the schema.

19. Click **Next** to view the status of sources being copied to destination folder.  
The following screen is displayed.

**Figure 1-35 Status of Sources being Copied**

20. Click **Copy** button.  
The installer copies the files.
21. Click **Next**.  
The screen displays the status of sources being built.

**Figure 1-36 Status of Sources being Built**

22. Click **Build** button to start the build process.

The installer builds the source files.

This completes the EAR file generation process. The EAR file will be saved to the destination directory.

## 1.4 Set Up Gateway WebServices Application

This topic explains the methods of setting up Gateway WebServices Application.

You need to create the following gateway WebServices property files before building the application.

- `gw_ws_logger.properties`
- `GW_WS_Prop.properties`

Refer to the topic *Gateway WebServices Application in Gateway Property File Creation*.

### **Build EAR File**

Follow the steps given below to build EAR file for Gateway WebServices Application:

1. Start **Oracle FLEXCUBE Universal Installer**.

The **Oracle FLEXCUBE Universal Installer** is displayed.

**Figure 1-37 Oracle FLEXCUBE Universal Installer**

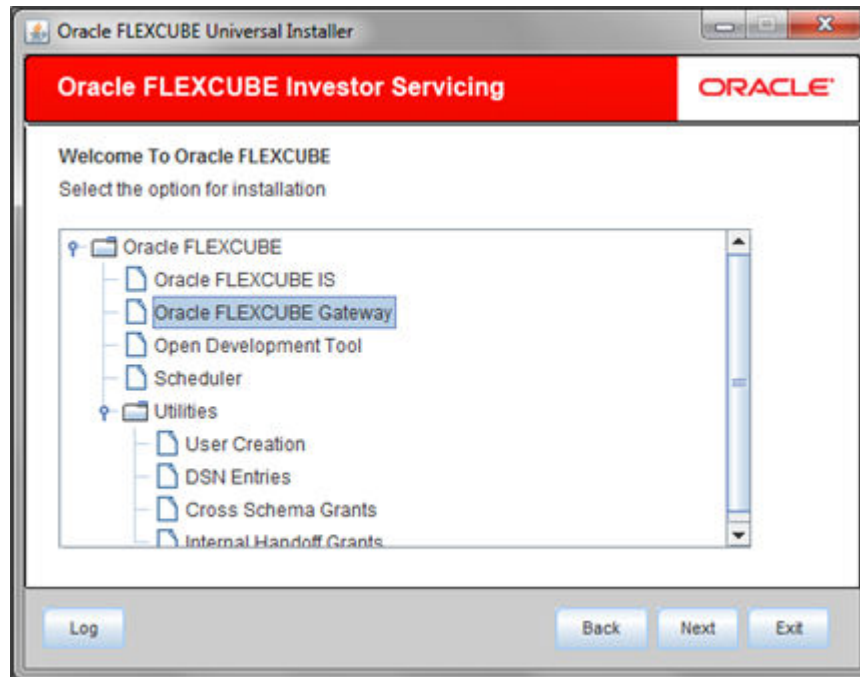
2. On **Oracle FLEXCUBE Universal Installer** screen, enter the following details.  
Refer to the table for JDK and Oracle Home path.

**Table 1-13 JDK and Oracle Home path**

Field	Description
<b>JDK Path</b>	Provide Home folder path of JDK1.8.
<b>Oracle Home</b>	Provide home folder path of Oracle Client or Database.
<b>Application Server Home</b>	Provide home folder path of Application Server.
<b>Application Server Location</b>	Select location of the application server either local or remote.

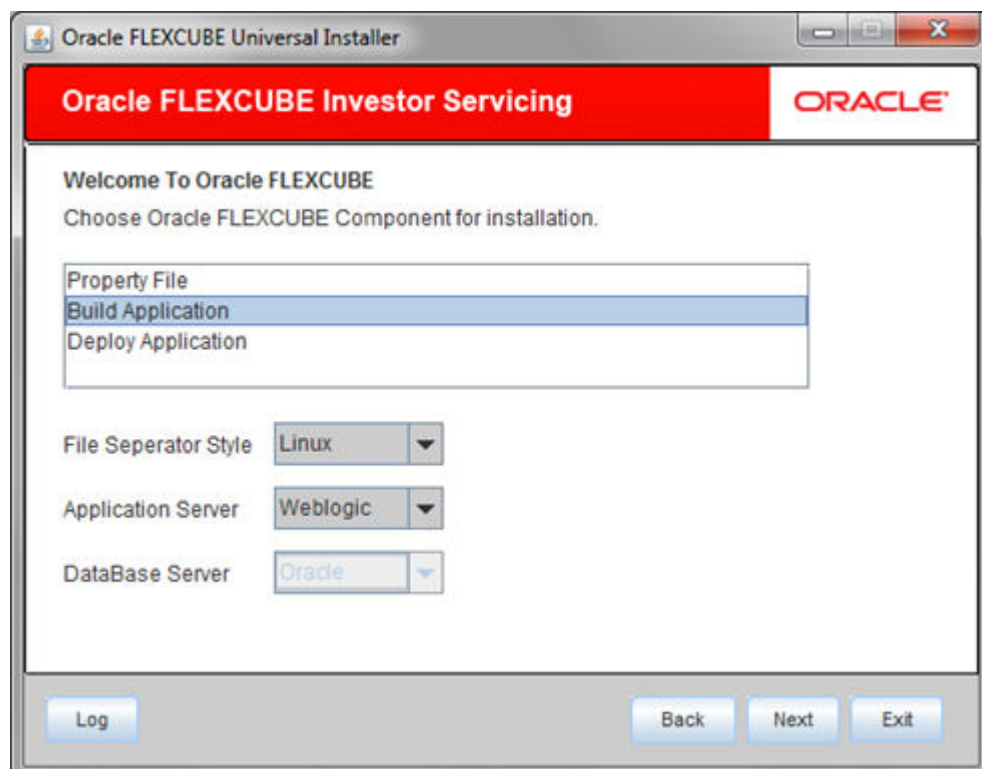
3. Click **Next** to select the option for installation.
4. Select **Oracle FLEXCUBE Gateway** from the lists of **Oracle FLEXCUBE** options.  
The available options for installation are displayed.

Figure 1-38 Select Oracle FLEXCUBE Gateway



5. Click **Next** to choose **Oracle FLEXCUBE** component for installation.
6. Select **Build Application**.

Figure 1-39 Build Application



7. Specify the type of file separator (e.g: Linux or Windows). Choose the appropriate one from the drop-down list. You also need to specify the version of the selected operating system.
8. Specify the application server in which you are creating the property file. Choose the appropriate one from the drop-down list.
9. Click **Next** to specify the **Installation Type**.

The following screen is displayed.

**Figure 1-40 Installation Type and Schema details**

The screenshot shows the 'Oracle FLEXCUBE Universal Installer' window. The title bar is 'Oracle FLEXCUBE Universal Installer'. The main window has a red header with 'Oracle FLEXCUBE Investor Servicing' and the 'ORACLE' logo. Below the header, the 'Installation Type' section has a checkbox and a text field for 'FC Home' containing 'D:\test'. There are two radio buttons: 'EAR Build' (selected) and 'EAR Build Rolled-up'. Below this, it says 'Provide SMS schema details for patch install...'. A table with two columns, 'Name' and 'Value', contains the following data:

Name	Value
Username	test
Password	****
Service Name	test
IP Address	10.10.10.10
Port	1234
TNS Connect Descriptor	test

Below the table is a 'Test Connection' button. At the bottom of the window are buttons for 'Log', 'Back', 'Next', and 'Exit'.

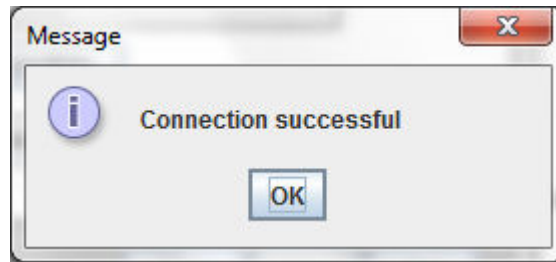
10. Enter the source path in **FC Home** and specify the SMS schema details.

**Note**

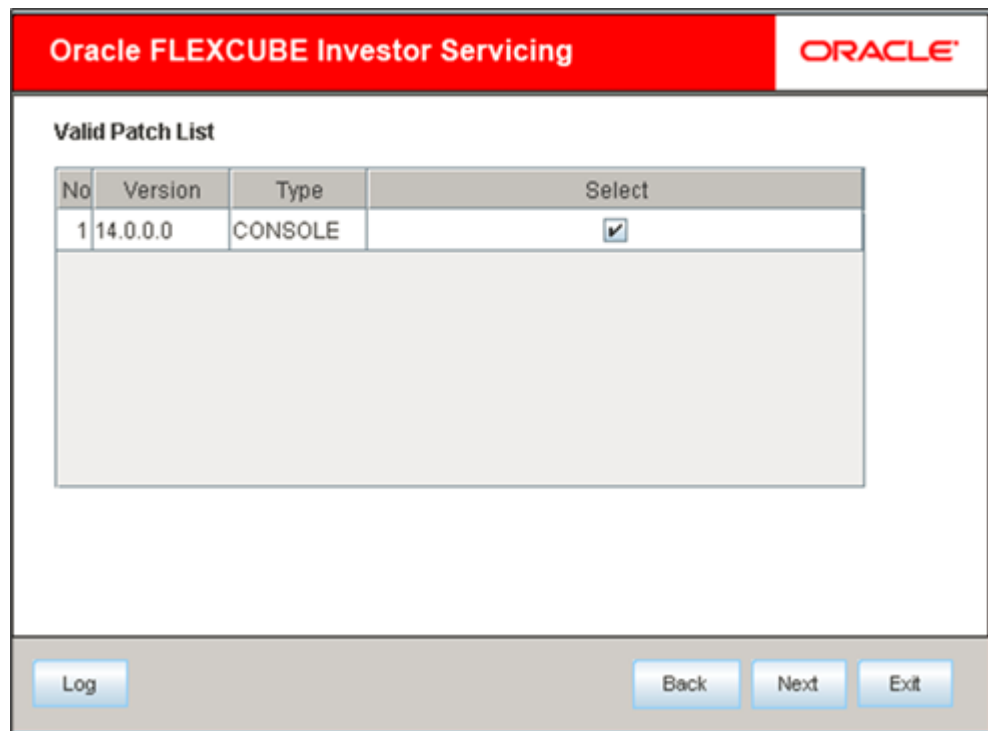
This is the **FC Home** folder that needs to be set. Also, it should point to SMS schema. Those versions less than or equal to the current environment are allowed.

11. Click **Test Connection** to test the connection with the Application server.

On successful connection, the following message is displayed.

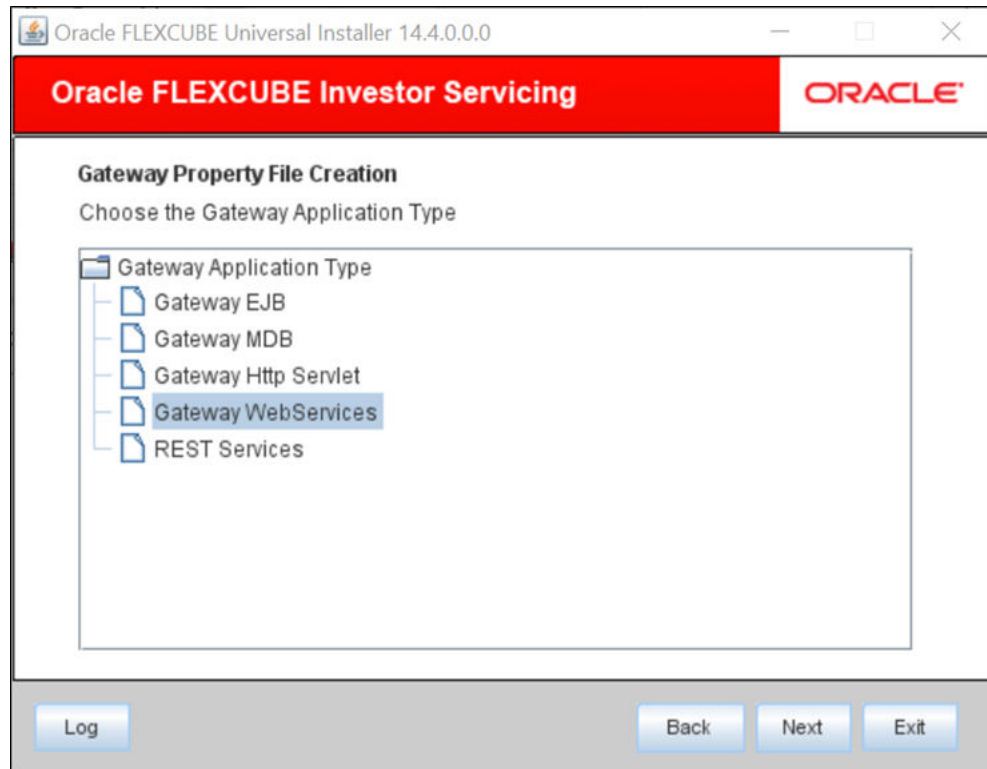
**Figure 1-41 Information Message on Successful Connection**

12. Click **Next** to specify the patch list details.

**Figure 1-42 Valid Patch List**

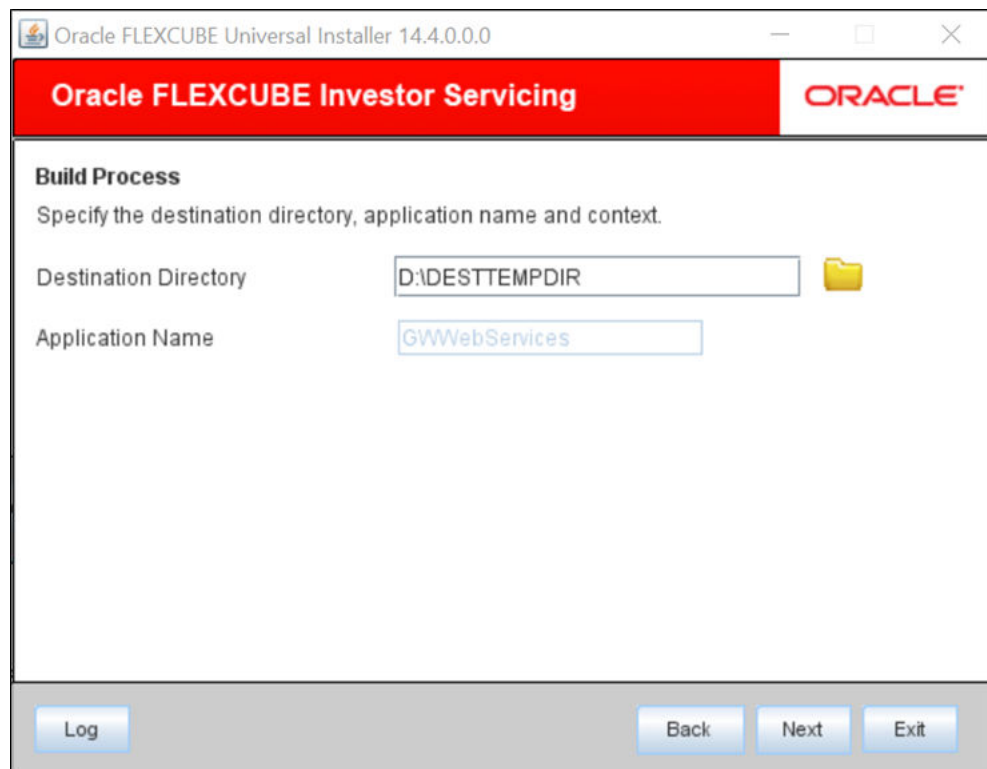
No	Version	Type	Select
1	14.0.0.0	CONSOLE	<input checked="" type="checkbox"/>

13. Click **Next** and select **Gateway WebServices** from the **Gateway Application Type**.  
The screen displays the selected **Gateway Application Type**.

**Figure 1-43 Gateway Application Type\_Gateway WebServices**

14. Click **Next**.

The following screen is displayed.

**Figure 1-44 Destination Directory and Application Name\_Gateway Webservices**



15. On the **Build Process** screen, specify the following details.  
Refer to the Build Process table.

**Table 1-14 Build Process**

Field	Description
<b>Destination Directory</b>	Specify the location of the destination directory. The source files from the software will be copied to this location. Eg: D:\Testing\source\dest
<b>Application Name</b>	Specify the EAR name of the application. The application name should not contain special characters and space. However, you may use _ (Underscore). Eg: GWMDB

16. Specify the Property File path.  
Refer to the details of Property File table.

**Table 1-15 Property File**

Field	Description
<b>Load Property File</b>	Specify the exact property file by clicking on the folder icon to modify an existing property file. <b>Note:</b> Do not load the <code>Logger.properties</code> file. The installer will load that file automatically based on the property file.
<b>Symmetric Key</b>	Specify the symmetric key details.


**Figure 1-45 Property File Details\_Gateway Webservices**

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**Build Process**

Specify the Property File path.

Load Property File  

Symmetric key

*Provide the property file path to be included.*

17. Click **Next**. You are provided with an option for modifying the schema details.  
The following screen is displayed.

**Figure 1-46 Modify Schema Details**

Oracle FLEXCUBE Universal Installer 14.4.0.0.0

**Oracle FLEXCUBE Investor Servicing** ORACLE®

**Build Process**  
Current screen provides an option for modifying the Schema details

Distributed Schema  ▼

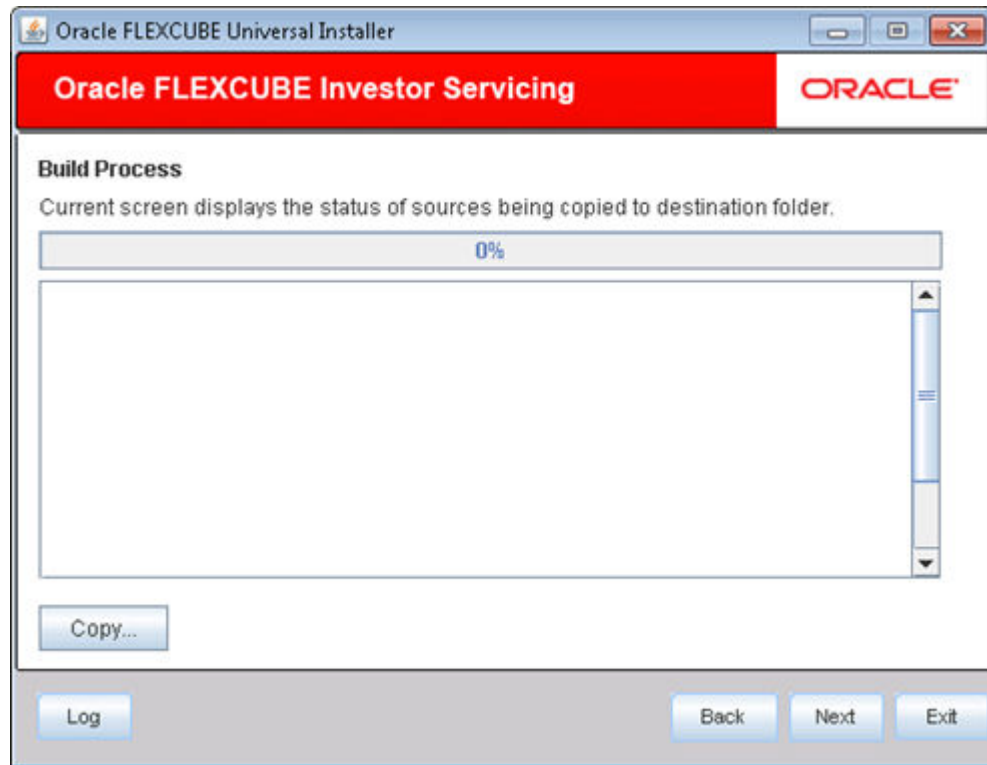
DataSource

18. Specify the modifying the schema details.  
Refer to the table for modifying the schema details.

**Table 1-16 Modify schema details.**

Field	Description
<b>Distributed Schema</b>	Select Distributed Schema as <b>Yes</b> .
<b>Data Source</b>	Specify the data source of the schema.

19. Click **Next** to view the status of sources being copied to destination folder.  
The following screen is displayed.

**Figure 1-47 Status of Sources being Copied**

20. Click **Copy** button.

The installer copies the files.

21. Click **Next**.

The screen displays the status of sources being built.

**Figure 1-48 Status of Sources being Built**

22. Click **Build** button to start the build process.

The installer builds the source files.

This completes the EAR file generation process. The EAR file will be saved to the destination directory.

# 2

## Post Building Activity

This topic describes the activities to be carried out after setting up the gateway applications.

Gateway application looks for the required files inside the **XSD Path** and **Logger Path** provided at the time of Gateway Property creation.

Refer to the topic *Gateway Property File Creation* for details.

**Table 2-1 Gateway Configuration**

Path	Files
<b>Logger Path</b>	Logger path should contain the gateway property files generated by the Installer. For example, for Gateway EJB application, the installer generates the files <code>gw_ejb_logger.properties</code> and <code>GW_EJB_Prop.properties</code> .  While creating the property file if you specify the <b>Logger Path</b> as <code>D: / GW_EJB/config/ gw_ejb_logger.properties</code> , then you need to place both the files inside the folder <code>D: / GW_EJB/config/</code> .
<b>XSD Path</b>	XSD Path should contain the common XSD files as well as the gateway module specific XSD files which are related to gateway operation. Copy the common XSD files from <code>MAIN\Core\Gateway\COMMON</code> to the XSD Path.  Copy the module specific XSD files from <code>MAIN/&lt;module&gt;/ Gateway/XSD</code> to the XSD Path.

`ServerState.xml` should be copied in the XSD Directory from `Gateway\Utilities\POSS\ServerState.xml`.

### Deploy using Oracle WebLogic Application Server

Refer to the topic *Gateway Application Deployment in Weblogic* for details on the manual deployment using Oracle WebLogic Application Server.

### Deploy using IBM WebSphere Application Server

Refer to the topic *Gateway\_Application\_Deployment\_Websphere* for details on the manual deployment using IBM WebSphere Application Server.