

Oracle® FLEXCUBE Investor Servicing Gateway Property File Creation



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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

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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
boldface	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
FCIS	Oracle FLEXCUBE Investor Servicing
OEM	Oracle Enterprise Manager

Table 2 (Cont.) Acronyms and Abbreviations

Abbreviation	Description
EMS	Electronic Messaging Service
EJB	Enterprise Java Bean
MDB	Message Driven Beans

1

Create Property File for Gateway Applications

This topic explains the steps to create the property file for the Gateway components.

Create the property file for the Gateway components namely,

- **Enterprise Java Bean (EJB)**
- **Message Driven Beans (MDB)**
- **HTTP Servlet**
- **WebServices**

This topic contains the following sub-topics:

- [Gateway EJB Application](#)
This topic describes the steps to create the property file for the Gateway EJB Application.
- [Gateway MDB Application](#)
This topic describes the steps to create the property file for the Gateway MDB Application.
- [Gateway HTTP Servlet Application](#)
This topic describes the steps to create the property file for the Gateway HTTP Servlet Application.
- [Gateway WebServices Application](#)
This topic describes the steps to create the property file for the Gateway WebServices Application.

1.1 Gateway EJB Application

This topic describes the steps to create the property file for the 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 

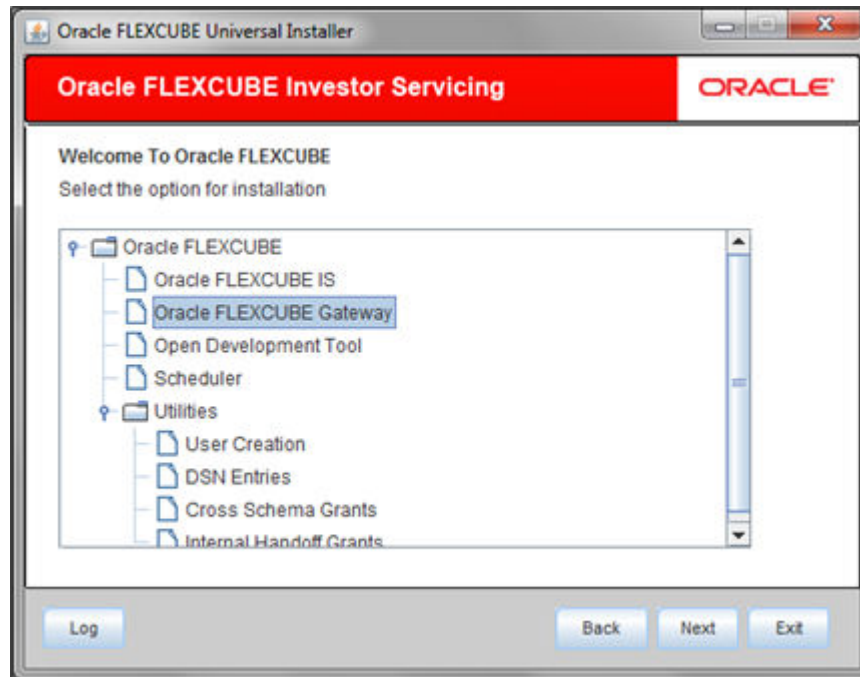
Application Server Location 

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

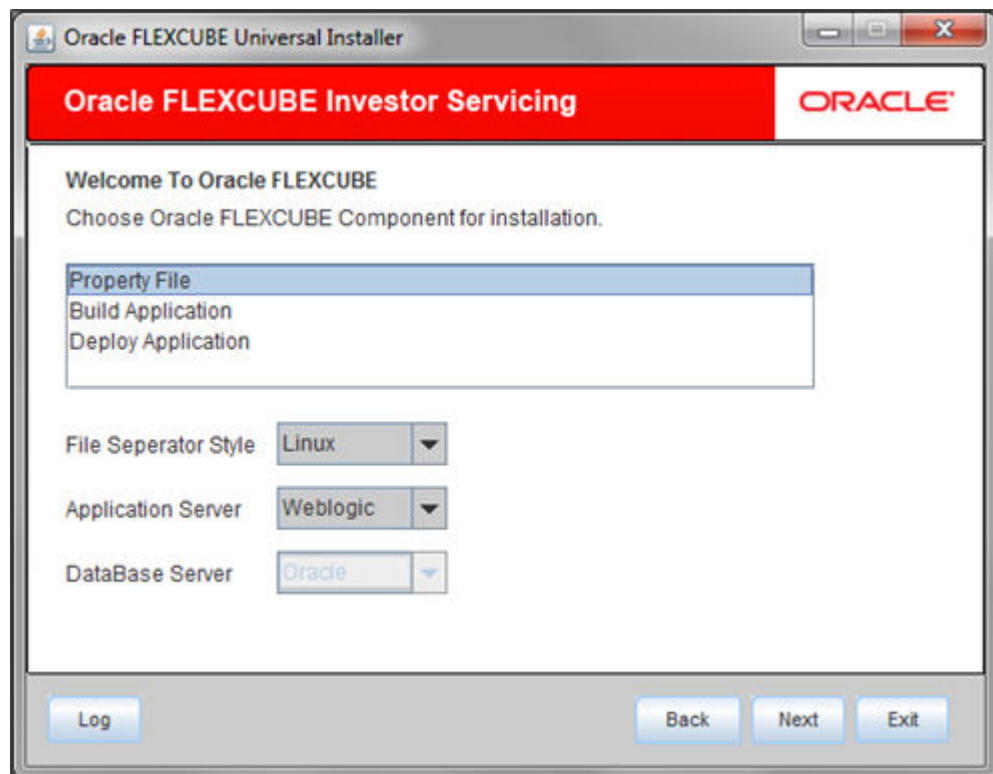
Table 1-1 JDK and Oracle Home path

Field	Description
JDK Path	Provide Home folder path of JDK1.8.
Oracle Home	Provide home folder path of Oracle Client or Database.
Application Server Home	Provide home folder path of Application Server.
Application Server Location	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 1-2 Select Oracle FLEXCUBE Gateway

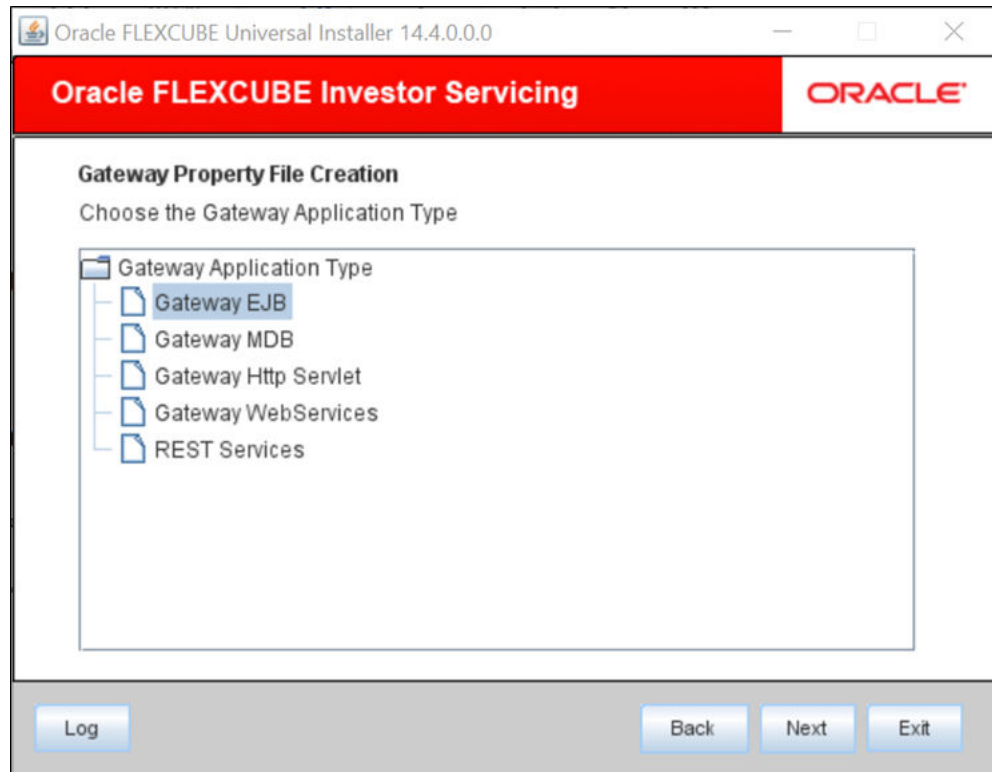
5. Click **Next** to choose **Oracle FLEXCUBE** component for installation.
6. Select **Property File**.

Figure 1-3 Oracle FLEXCUBE Component for Installation

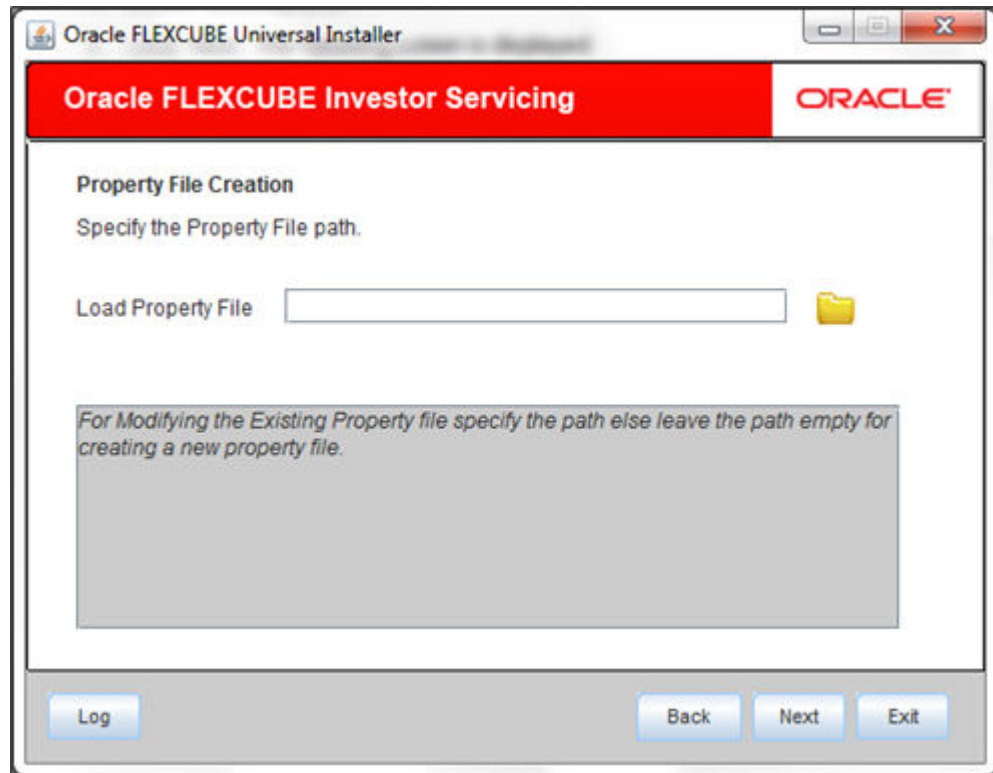
7. Specify the type of file separator (Eg: Linux or Windows). Choose the appropriate one from the drop-down list. You also need to specify the version of the selected operating system.

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

Figure 1-4 Gateway Application Type_Gateway EJB



10. Click **Next**.
The following screen is displayed.

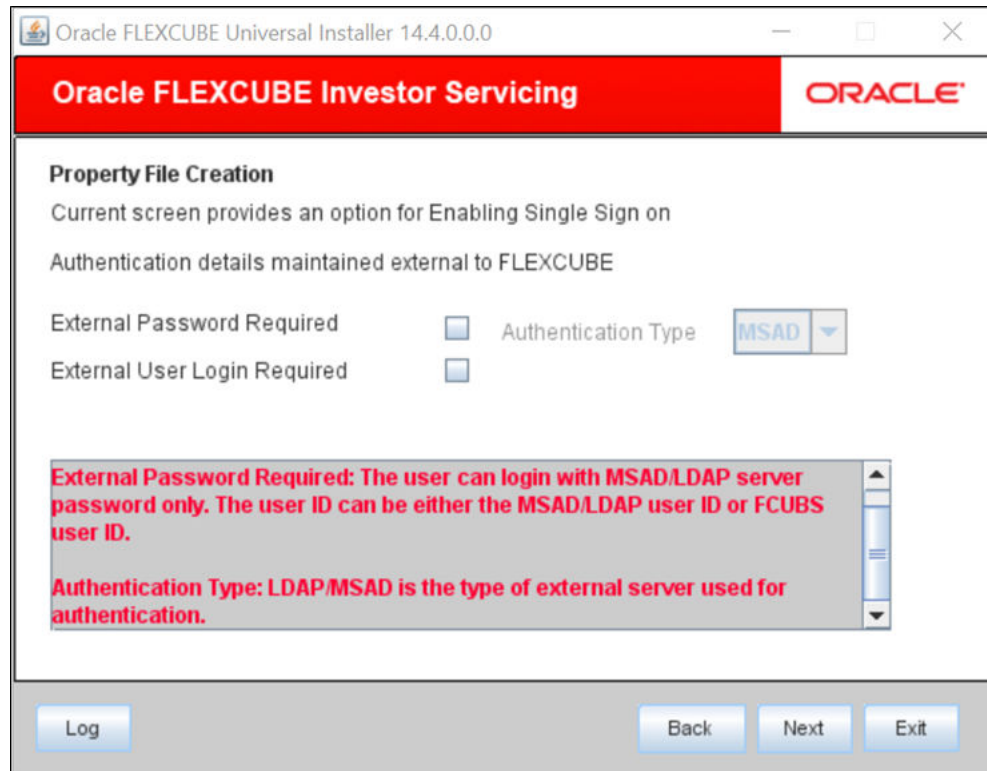
Figure 1-5 Property File Creation

11. On Property File Creation screen, Create a new property file. Specify the location of the property file manually in the **Load Property File** field when the existing file needs to be modified.

Note

Ensure that the folder structures used in the following steps are created before proceeding.

12. Click **Next**. You are provided with an option to enable **Single Sign On**.
The following screen is displayed.
13. On **Single Sign On** screen, select the **External Password Required** to allow the user login using MSAD/LDAP password irrespective of the user ID. This option is unchecked by default.
If you check this box, the user ID can be either the MSAD/LDAP user ID or the FCIS user ID. And the password can be MSAD/LDAP server password only.

Figure 1-6 Authentication Details maintained external to FLEXCUBE

14. Select the **External User Login Required** to enable user login using MSAD/LDAP user ID.

If you check this box, the user can log in using MSAD/LDAP server user ID as well as FCIS user ID.

15. Select the **Authentication Type** from the adjoining drop-down list. This is the type of external server that is used.

The following options are available:

- **Microsoft Active Directory (MSAD)** The default option is **MSAD**. However, you can change it.
- **Lightweight Directory Access Protocol (LDAP)**

Figure 1-7 Authentication Type

Oracle FLEXCUBE Investor Servicing ORACLE

Property File Creation
 Current screen provides an option for Enabling Single Sign on
 Authentication details maintained external to FLEXCUBE

External Password Required ☒ Authentication Type **MSAD** ▼
 External User Login Required ☒ MSAD
 LDAP

External Password Required: The user can login with MSAD/LDAP server password only. The user ID can be either the MSAD/LDAP user ID or FCUBS user ID.

Authentication Type: LDAP/MSAD is the type of external server used for

Log Back Next Exit

16. Choose the **Authentication Type** as **LDAP** and click **Next**.
 The **LDAP** server details for Gateway is displayed.

Figure 1-8 LDAP Server Details

Oracle FLEXCUBE Universal Installer

Oracle FLEXCUBE Investor Servicing ORACLE

Property File Creation
 LDAP Server Details

No.	Name	Value
1	LDAP SERVER URL	LDAP://10.10.10.10:111
2	LDAP SSL ENABLED	<input type="checkbox"/>
3	SECURITY AUTHENTICAT...	Simple
4	DOMAIN NAME	I-FLEX.COM
5	LDAP SERVER TIMEOUT	0

Log Back Next Exit

17. On **LDAP Server Details** screen, enter the following details.
 Refer to the table for LDAP Server details.

Table 1-2 LDAP Server details

Field	Description
LDAP Server URL	Specify the URL to access the LDAP server where the external user Ids or passwords are maintained.
LDAP SSL Enabled	Check this box if the LDAP server is SSL enabled. Note: If you check this box, then you need to specify the SSL port in the field LDAP SERVER URL .
Security Authentication Type	Depending on the authentication mechanism supported by the LDAP server, you need to select one of the following: <ul style="list-style-type: none">• Simple• Strong Note: Different servers support different authentication mechanisms. By default, the security authentication type is Simple ; however, you can change it.
Domain Name	Specify the domain name.
LDAP Server Timeout	Specify the LDAP server timeout in milliseconds. Note: <ul style="list-style-type: none">• By default, the LDAP server timeout is zero; however, you can change this.• You must enter a positive integer value. For example, 1000, 10000, 5000, etc.,• If the value specified is zero or less, it indicates that no read timeout is specified. Then, the wait for the response infinite until it is received.

18. Click **Next**. You are provided with an option to modify **Gateway Properties**.

The following screen is displayed.

Figure 1-9 Gateway Properties

Oracle FLEXCUBE Investor Servicing ORACLE®

Property File Creation
Current screen provides an option for modifying the Gateway Properties

XSD Path

Logger File

Debug Path

Security Key for Encryption

19. On **Gateway Properties** screen, enter XSD Path and Security Key for Encryption details. Refer to the table for Gateway Properties.

Table 1-3 Gateway Properties

Field	Description
XSD Path	Specify the path to the XSD file. File name is not required. The file separator / must be available at the end. All the relevant XSD files must be manually copied to this location. For Windows : D:\GW_EJB\XSD\ For Linux : /GW_EJB/XSD/
Logger File	Specify the path of gw_ejb_logger.properties file with the file name. The file must be manually copied to the specified location. For Windows : D:\GW_EJB\config\gw_ejb_logger.properties For Linux : /GW_EJB/config/ gw_ejb_logger.properties
Debug Path	Specify the path to the folder where the application creates the logs. The file separator / must be available at the end. You need to manually create the folder structure. For Windows : D:\GW_EJB\log\ For Linux : /GW_EJB/log/

Table 1-3 (Cont.) Gateway Properties

Field	Description
Security Key for Encryption	Specify the security key for the Encryption, here in this case it is Oraclefinancialsolutions . Note: The Installer creates two files <code>gw_ejb_logger.properties</code> and <code>GW_EJB_Prop.properties</code> in the path provided to save the files.

20. On **Gateway Properties** screen, enter DataSource and message logging required details.

Figure 1-10 Gateway Properties

Refer to the table for Gateway Properties.

Table 1-4 Gateway Properties

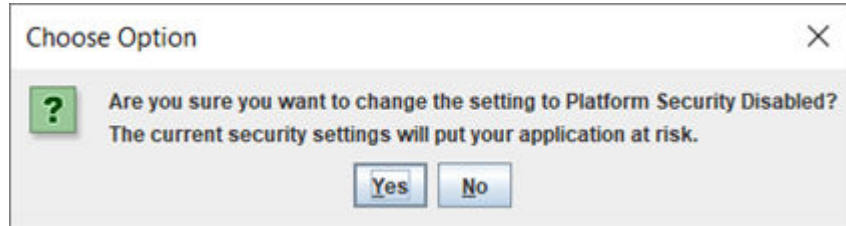
Field	Description
DataSource	The JDBC data source is an object bound to JNDI tree and provides database connectivity through a pool of JDBC connections.
POSS Datasource	Check this box if POSS is required. If you check this box, you need to specify the POSS Datasource Name in the field below.
Distributed Schema	Select Distributed Schema as Yes .
MSG IN LOG Required	Select if message in logging is required as Yes or No .
MSG OUT LOG Required	Select if message out logging is required as Yes or No .

21. Select the **Platform Security** option and is available only for weblogic.

If **Platform Security** is checked for weblogic, the symmetric key is not stored in the property file for security reasons. If **Platform Security** is enabled during property file creation, then DB details should be the actual database in which the application to be deployed.

If **Platform Security** is not checked, the symmetric key is available in the property file and a warning message is displayed to the user.

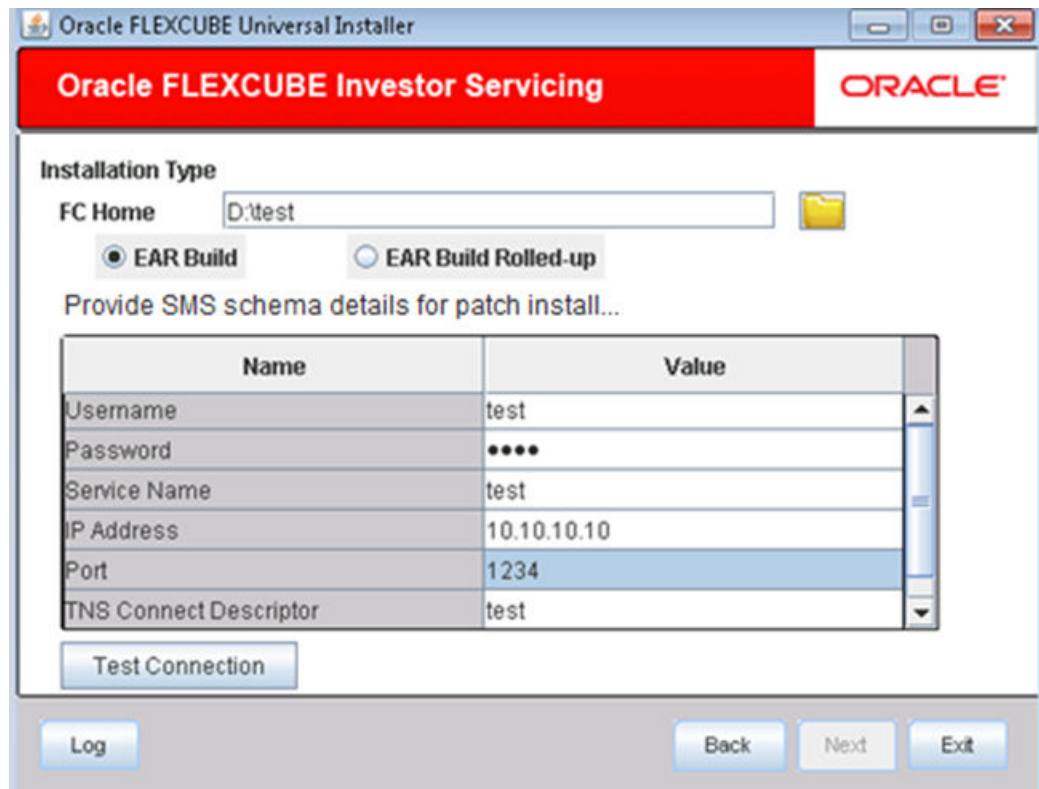
Figure 1-11 Platform Security Disabled Information Message



22. Click **Next**.

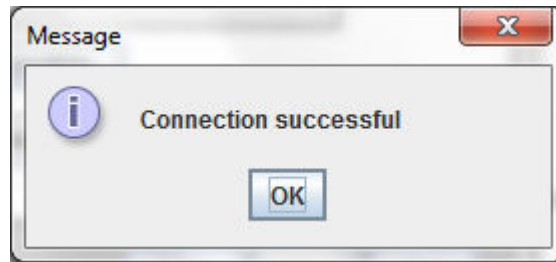
The following screen is displayed.

Figure 1-12 FC home



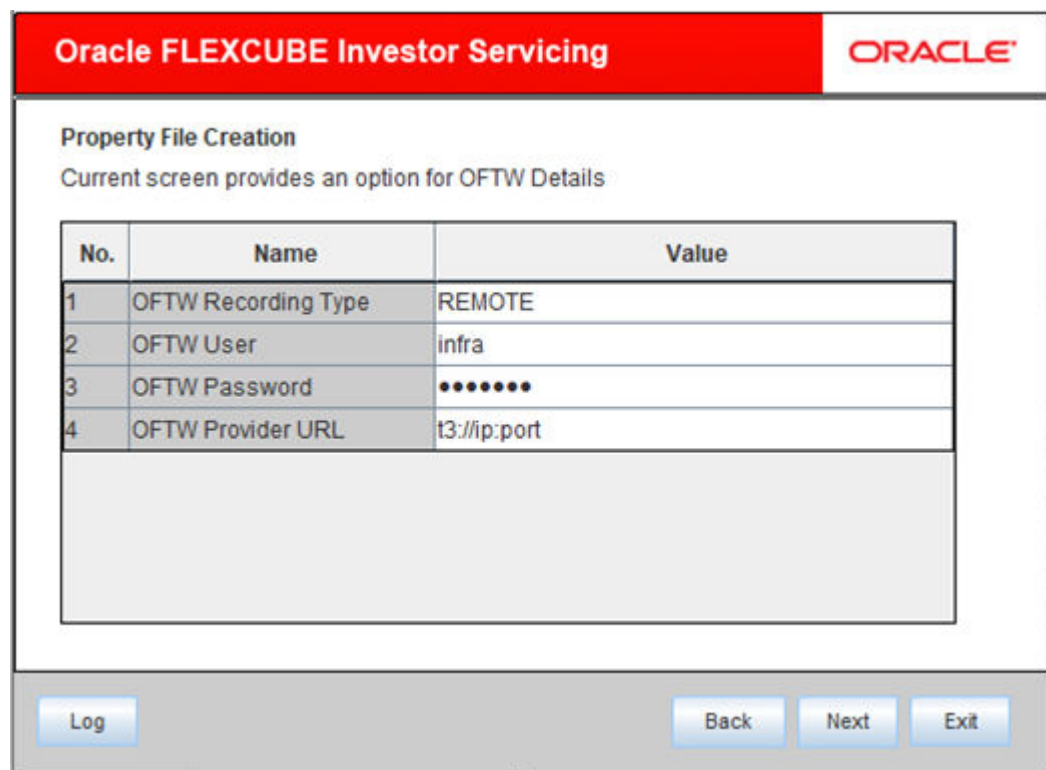
23. Enter the source path in **FC Home** and provide the SMS schema details for patch installation.
24. Click **Test Connection** to test the connection with the Application server.

On successful connection, the following message is displayed.

Figure 1-13 Information Message on Successful Connection

25. Click **Next**.

The following screen is displayed.

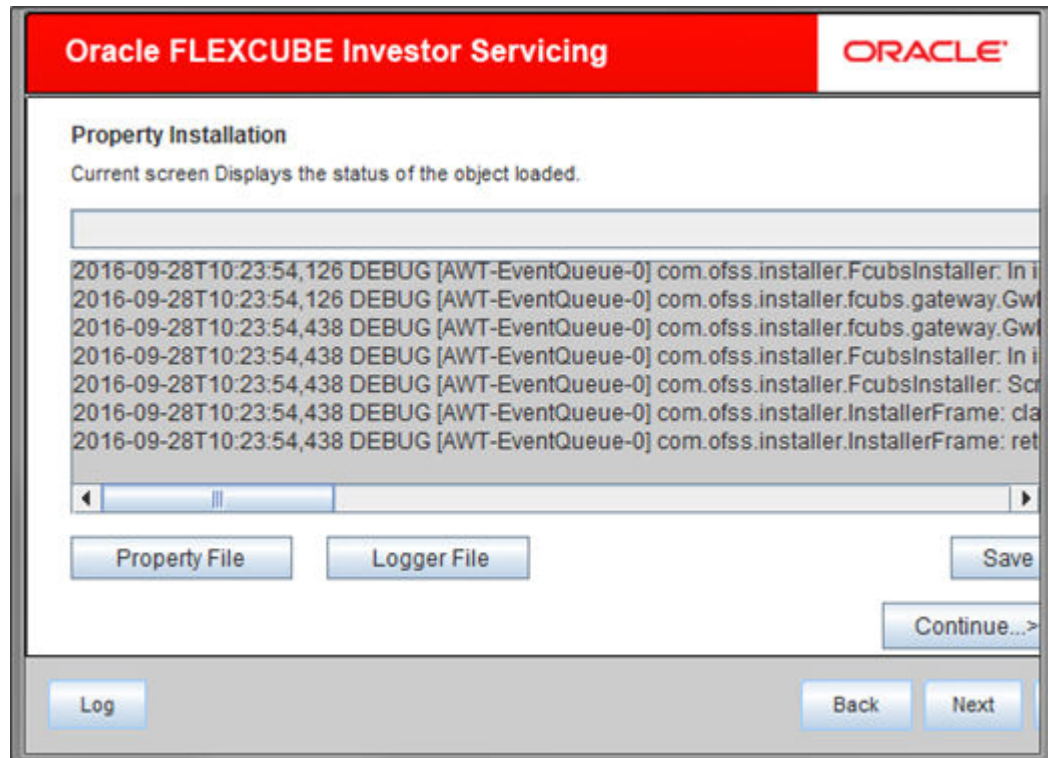
Figure 1-14 OFTW details

No.	Name	Value
1	OFTW Recording Type	REMOTE
2	OFTW User	infra
3	OFTW Password	*****
4	OFTW Provider URL	t3://ip:port

26. On **Property Installation** screen, you can view the status of the object being loaded.

The following screen is displayed.

Figure 1-15 Property Installation



- a. Click **Property File** to view the created property file.
- b. Click **Save** to save the created property file in the desired location.
The property file will be created in a temporary folder.
- c. Click **Continue** to continue the installation process with gateway application type.

1.2 Gateway MDB Application

This topic describes the steps to create the property file for the Gateway MDB Application.

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

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


Figure 1-16 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 

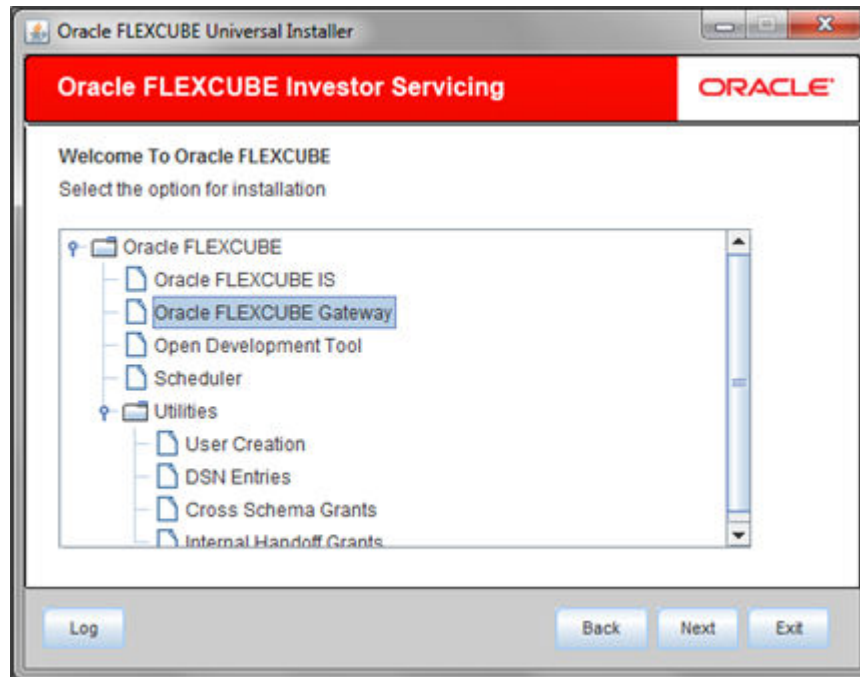
Application Server Location 

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

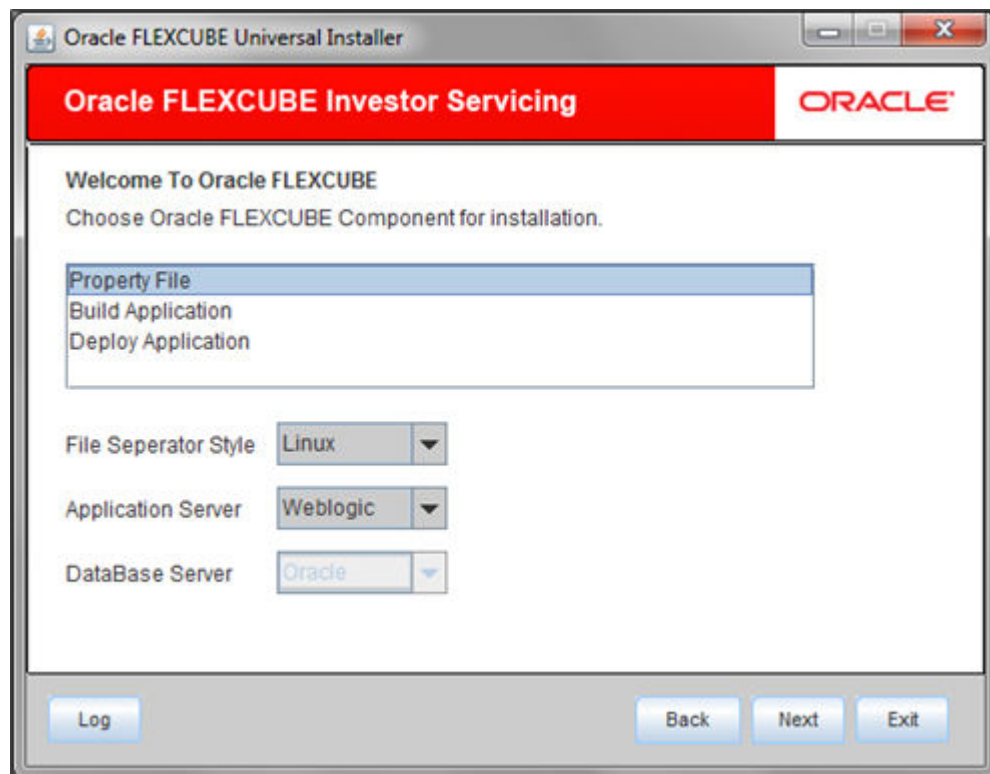
Table 1-5 JDK and Oracle Home path

Field	Description
JDK Path	Provide Home folder path of JDK1.8.
Oracle Home	Provide home folder path of Oracle Client or Database.
Application Server Home	Provide home folder path of Application Server.
Application Server Location	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 1-17 Select Oracle FLEXCUBE Gateway

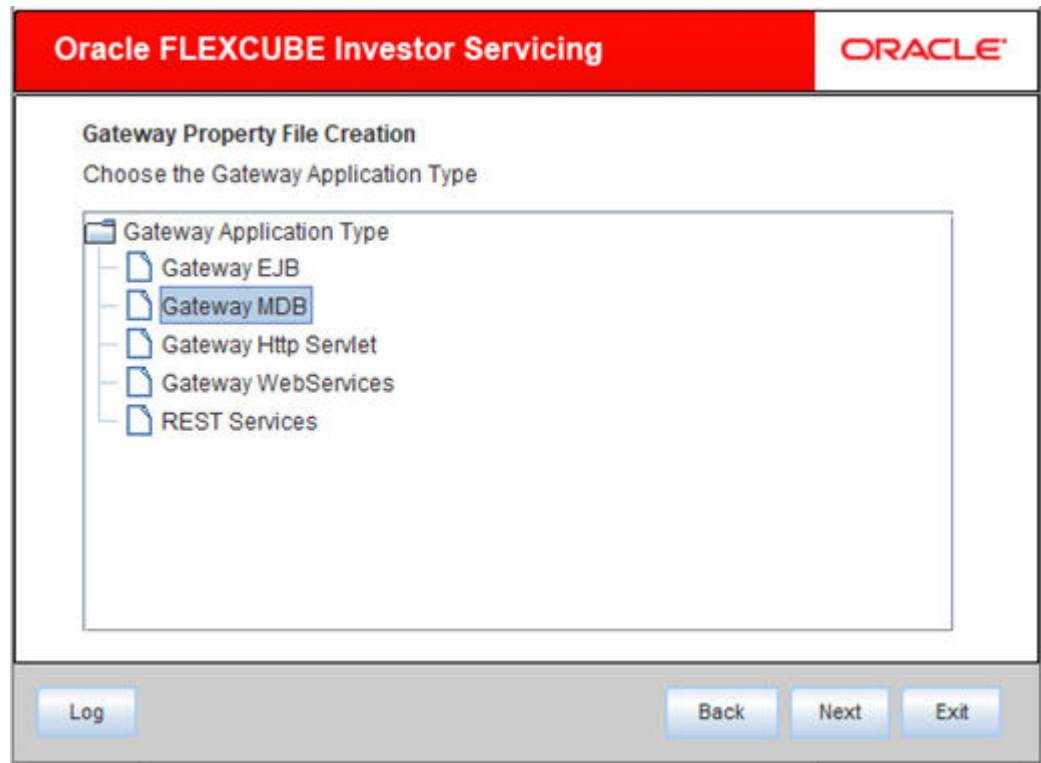
5. Click **Next** to choose **Oracle FLEXCUBE** component for installation.
6. Select **Property File**.

Figure 1-18 Oracle FLEXCUBE Component for Installation

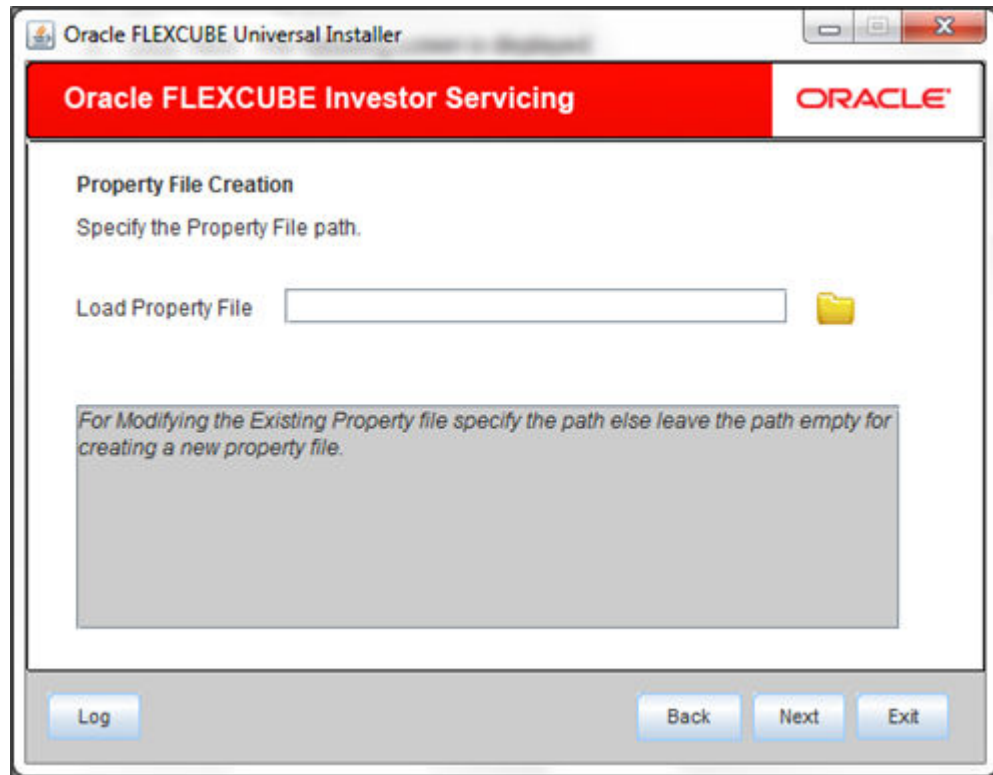
7. Specify the type of file separator (Eg: Linux or Windows). Choose the appropriate one from the drop-down list. You also need to specify the version of the selected operating system.

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** and select **Gateway MDB** from the **Gateway Application Type**.
The following screen is displayed.

Figure 1-19 Gateway Application Type_Gateway MDB



10. Click **Next**.
The following screen is displayed.

Figure 1-20 Property File Creation

11. Specify the location of the property file in the **Load Property File** manually when an existing file needs to be modified.

If you are creating a new property file, leave the field blank.

Note

Ensure that the folder structures used in the following steps are created before proceeding.

12. Click **Next**.

The following screen is displayed.

Figure 1-21 Authentication Details maintained external to FLEXCUBE
13. Specify the following details:

- a. **External Password Required:** Check this box to allow the user-login using MSAD/LDAP password irrespective of the user ID.

If you check this box, the user ID can be either the MSAD/LDAP user ID or the FCIS user ID and the password can be MSAD/LDAP server password only. By default, this check box is unchecked. However, you can change this. If you do not check this box, the installer skips the following screen and directly navigates you to the modifying the Gateway Properties screen.

- b. **External User Login Required:** Check this box to enable user login using MSAD/LDAP user ID.

If you check this box, the user can login using MSAD/LDAP server user ID as well as using FCIS user ID. If you do not check this, the user can login using FCIS user ID only. By default, this check box is unchecked. However, you can change this.

Note

The field **Authentication Type** is enabled, if one of the above check boxes is checked.

- c. **Authentication Type:** Select the authentication type from the adjoining drop-down list.

This is the type of external server that is used. Select one of the following options:

- SAD (Microsoft Active Directory)
- LDAP (Lightweight Directory Access Protocol)

Figure 1-22 Authentication Type

Oracle FLEXCUBE Investor Servicing

ORACLE®

Property File Creation

Current screen provides an option for Enabling Single Sign on

Authentication details maintained external to FLEXCUBE

External Password Required ☒ Authentication Type MSAD

External User Login Required ☒ MSAD

LDAP

External Password Required: The user can login with MSAD/LDAP server password only. The user ID can be either the MSAD/LDAP user ID or FCUBS user ID.

Authentication Type: LDAP/MSAD is the type of external server used for

Log Back Next Exit

Note

By default, **MSAD** is selected; however, you can change it.

14. Click Next.

The following screen is displayed.

Figure 1-23 LDAP Server Details

No.	Name	Value
1	LDAP SERVER URL	LDAP://10.10.10.10:111
2	LDAP SSL ENABLED	<input type="checkbox"/>
3	SECURITY AUTHENTICAT...	Simple
4	DOMAIN NAME	i-FLEX.COM
5	LDAP SERVER TIMEOUT	0

15. Specify the following LDAP server details.

- a. **LDAP Server URL:** Specify the URL to access the LDAP server where the external user ID and password are maintained.

- b. **LDAP SSL Enabled:** Check this box if the LDAP server is SSL enabled.

If you check this box, then you need to specify the SSL port also in the field LDAP SERVER URL. By default, this check box is unchecked. However, you can change this.

- c. **Security Authentication Type:** Select one of the following depending on the authentication mechanism supported by the LDAP server:

- Simple
- Strong

Note

- Different servers support different authentication mechanisms.
- By default, the security authentication type is **Simple** however, you can change this.

- d. **Domain Name:** Specify the domain name.

- e. **LDAP Server Timeout:** Specify the LDAP server timeout in milliseconds.

This must be a positive integer value. For example you can specify 1000, 10000 or 5000. If it is zero or less, it indicates that no read timeout is specified. Then the wait for the response infinite until it is received. By default, the LDAP server timeout is zero; however, you can change this.

- f. Click **Next**.

The following screen is displayed:

Figure 1-24 Gateway Properties

Oracle FLEXCUBE Investor Servicing ORACLE®

Property File Creation
Current screen provides an option for modifying the Gateway Properties

XSD Path

Logger File

Debug Path

Security Key for Encryption

16. Specify the following details:

- a. **XSD Path:** Specify the path to the XSD file. File name is not required.

File separator '/' must be available at the end. All the relevant XSD files must be manually copied to this location.

For Windows: D:\GW_MDB\XSD\

For Linux: /GW_MDB/XSD/

- b. **Logger File:** Specify the path of `gw_ejb_logger.properties` file with the file name. The file must be manually copied to the specified location.

For windows: D:\GW_MDB\config\gw_mdb_logger.properties

For Linux: /GW_MDB/config/gw_mdb_logger.properties

- c. **Debug Path:** Specify the path to the folder where the application creates the logs. File separator '/' must be available at the end. You need to manually create the folder structure.

For windows: D:\GW_MDB\log\

For Linux: /GW_MDB/log/

- d. **Security Key for Encryption:** Specify the security key for the Encryption, here in this case it is Oraclefinancialsolutions.

Note

The Installer creates two files viz. `gw_ejb_logger.properties` and `GW_EJB_Prop.properties` in the path provided to save the files.

17. Click **Next**.

The following screen is displayed:

Figure 1-25 Gateway Properties

Oracle FLEXCUBE Investor Servicing ORACLE®

Property File Creation

Current screen provides an option for modifying the Gateway Properties

DataSource: FLEXTEST.WORLD

☐ POSS DataSource ☒ Platform Security

SMS Security Key: oraclefinancials

POSS DataSource: POSSTEST.WORLD

Distributed Schema: Yes ▼

Msg In Log Required: No ▼ Msg Out Log Required: No ▼

Log Back Next Exit

18. Specify the following details:

- a. **DataSource:** The JDBC data source is an object bound to JNDI tree and provides database connectivity through a pool of JDBC connections.
- b. **POSS DataSource:** Check this box if POSS is required. If you check this box, you need to specify the POSS Datasource Name in the field below.
- c. **Distributed Schema:** Select Distributed Schema as **Yes**.

Note

The Installer creates two files viz. `gw_ejb_logger.properties` and `GW_EJB_Prop.properties` in the path provided to save the files.

19. Click **Next**.

The following screen is displayed.

Figure 1-26 OFTW details

The screenshot shows a window titled "Oracle FLEXCUBE Investor Servicing" with the Oracle logo. Below the title bar, the text "Property File Creation" is displayed, followed by "Current screen provides an option for OFTW Details". A table with three columns: "No.", "Name", and "Value" contains the following data:

No.	Name	Value
1	OFTW Recording Type	REMOTE
2	OFTW User	infra
3	OFTW Password	*****
4	OFTW Provider URL	t3://ip:port

At the bottom of the window, there are four buttons: "Log", "Back", "Next", and "Exit".

20. Click **Next**.

The following screen is displayed.

Figure 1-27 MDB Properties

The screenshot shows a window titled "Oracle FLEXCUBE Universal Installer" with the Oracle logo. Below the title bar, the text "Gateway Property File Creation" is displayed, followed by "Current screen provides an option for modifying MDB Properties". A table with three columns: "No.", "Name", and "Value" contains the following data:

No.	Name	Value
1	Request Queue	MDB_QUEUE
2	Response queue	MDB_QUEUE_RESPONSE
3	DL Queue	MDB_QUEUE_DLQ
4	Connection Factory	MDBQCF
5	Secure Queue	<input type="checkbox"/>
6	Caller ID	
7	Caller Password	

At the bottom of the window, there are four buttons: "Log", "Back", "Next", and "Exit".

21. Specify the following details:

- a. **Connection Factory:** Specify the connection configuration parameters to create connections for JMS clients.
Example: MDBQCF
- b. **Request Queue:** Specify the request queue. This is the point-to-point destination type used for asynchronous peer communication.
Example: MDB_QUEUE
- c. **Response Queue:** Specify the response queue name.
Example: MDB_QUEUE_RESPONSE
- d. **DL Queue:** Specify the dead letter queue name.
Example: MDB_QUEUE_DLQ
- e. **Secure Queue:** Check this box if the Caller ID and Caller Password values have to be entered.

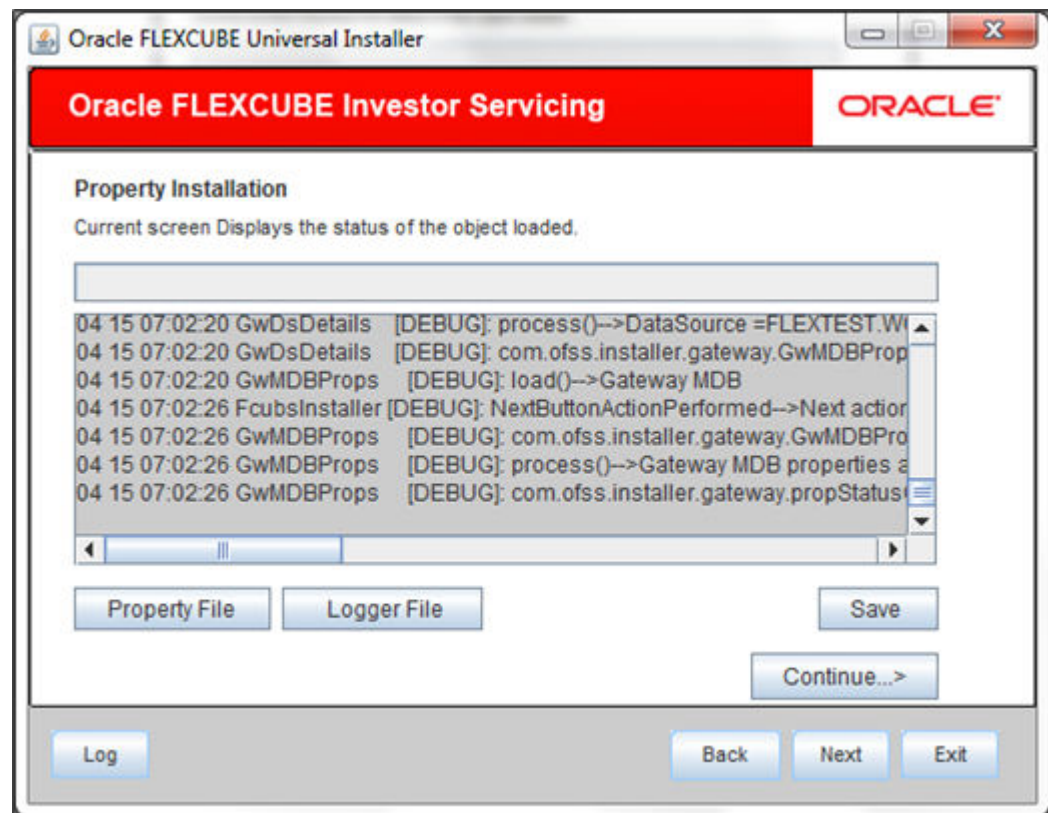
Note

The Installer creates two files viz. `gw_mdb_logger.properties` and `GW_MDB_Prop.properties` in the path provided to save the files.

22. Click **Next**.

The following screen is displayed.

Figure 1-28 Property Installation



23. You can save the property file created in a temporary folder and continue with the installation process.
 - a. Click **Property File** to view the created property file.
 - b. Click **Save** to save the created property file in the desired location.
 - c. Click **Continue** to continue the installation process with gateway application type.
 - d. Click **Next** to navigate to the installer home screen.

1.3 Gateway HTTP Servlet Application

This topic describes the steps to create the property file for the Gateway HTTP Servlet Application.

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

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

Figure 1-29 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

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

Table 1-6 JDK and Oracle Home path

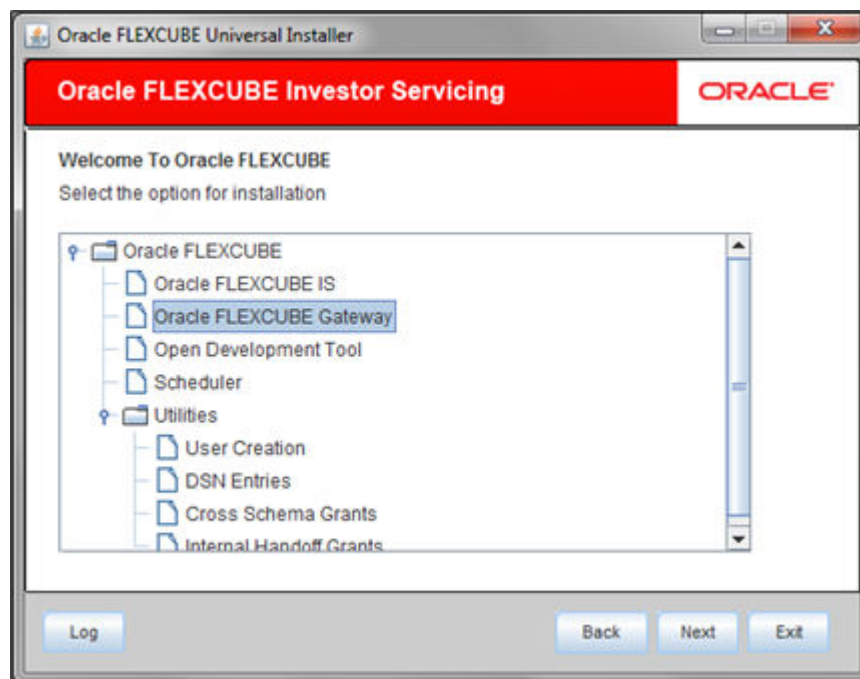
Field	Description
JDK Path	Provide Home folder path of JDK1.8.

Table 1-6 (Cont.) JDK and Oracle Home path

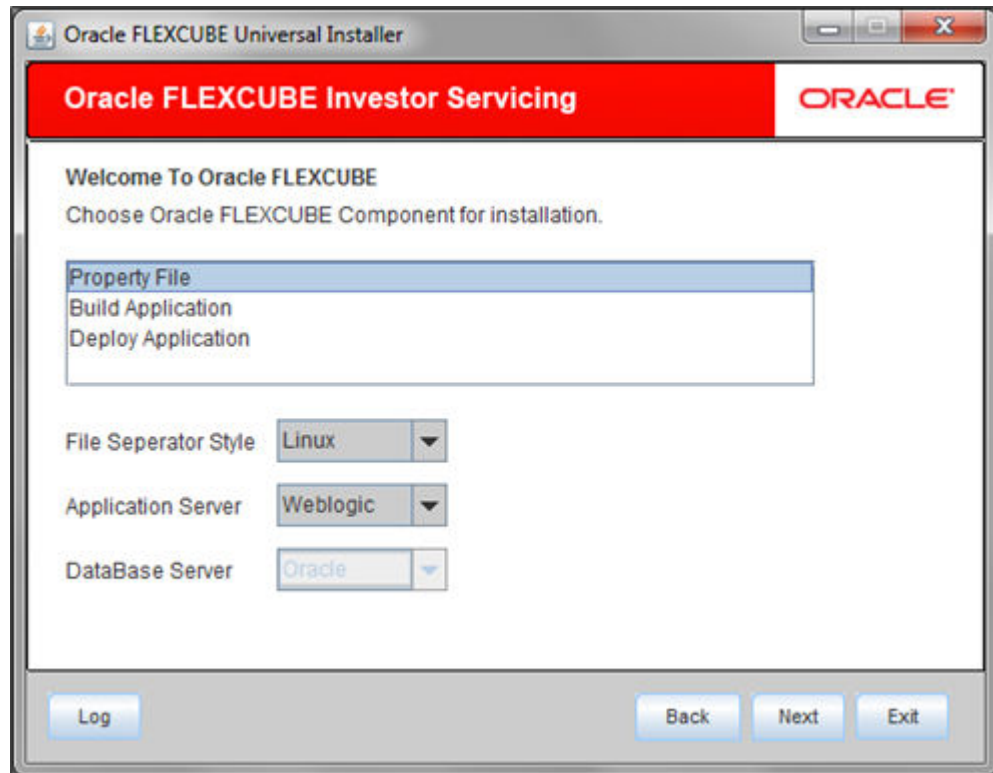
Field	Description
Oracle Home	Provide home folder path of Oracle Client or Database.
Application Server Home	Provide home folder path of Application Server.
Application Server Location	Select location of the application server either local or remote.

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 1-30 Select Oracle FLEXCUBE Gateway

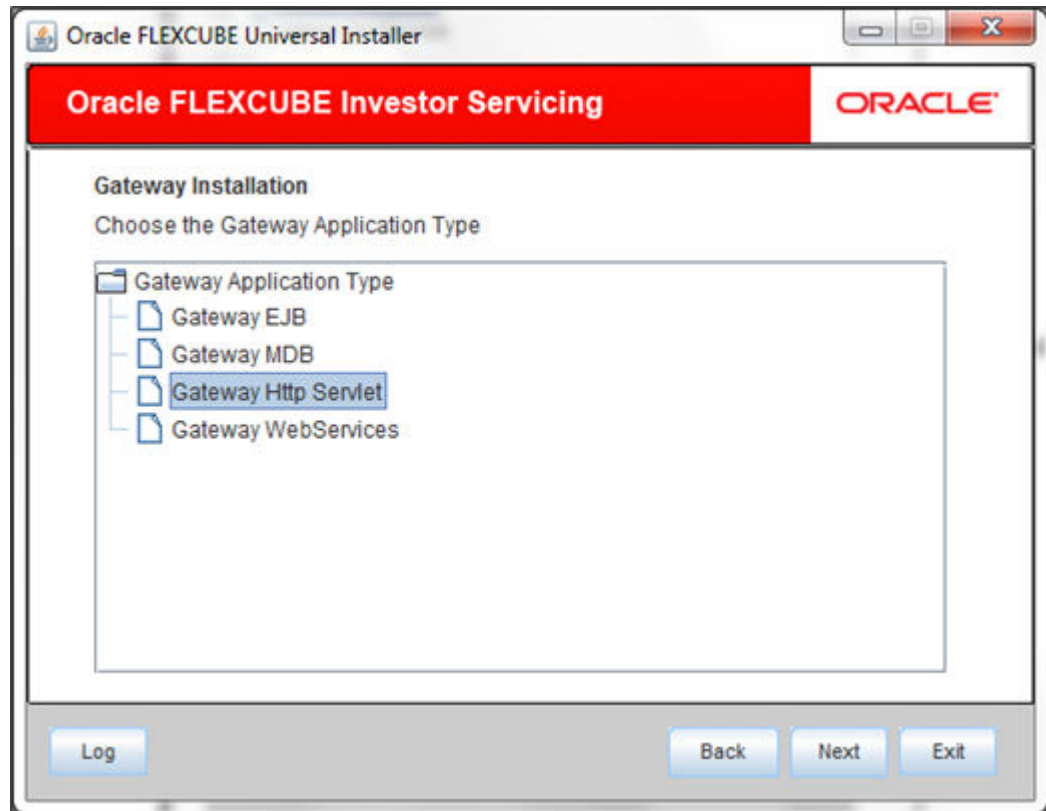


5. Click **Next** to choose **Oracle FLEXCUBE** component for installation.
6. Select **Property File**.

Figure 1-31 Oracle FLEXCUBE Component for Installation

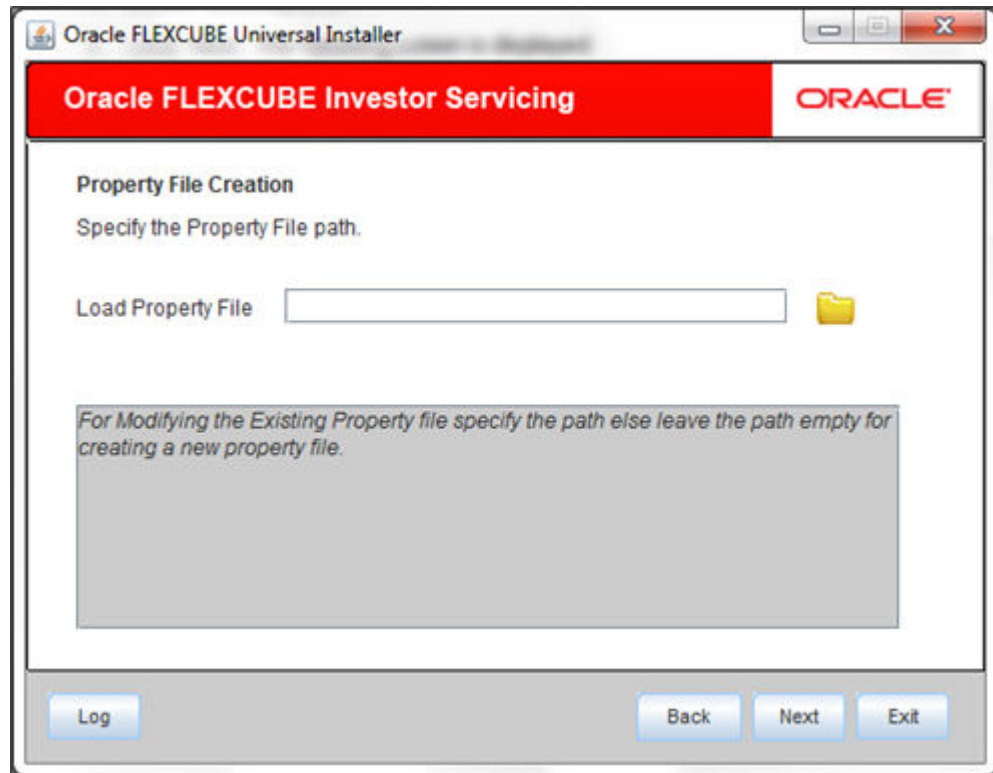
7. Specify the type of file separator (Eg: Linux or Windows). Choose the appropriate one from the drop-down list. You also need to specify the version of the selected operating system.
8. Specify the application server in which you are creating the property file. Choose the appropriate one from the drop-down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

The following screen is displayed:

Figure 1-32 Gateway Application Type_Gateway Http Servlet

10. Click **Next**.

The following screen is displayed:

Figure 1-33 Property File Creation

11. Specify the location of the property file in the **Load Property File** manually when an existing file needs to be modified.

If you are creating a new property file, leave the field blank.

Note

Ensure that the folder structures used in the following steps are created before proceeding.

12. Click **Next**.

The following screen is displayed.

Figure 1-34 Gateway Properties

Oracle FLEXCUBE Investor Servicing

ORACLE®

Property File Creation

Current screen provides an option for modifying the Gateway Properties

XSD Path: /Kernel11.1/GW_HTTP/XSD/

Logger File: Kernel11.1/GW_HTTP/config/gw_http_logger.properties

Debug Path: /Kernel11.1/GW_HTTP/log/

Security Key for Encryption: oraclefinancials

Log Back Next Exit

13. Specify the following details:

- a. **XSD Path:** Specify the path to the XSD file. File name is not required. File separator '/' must be available at the end. All the relevant XSD files must be manually copied to this location.

For Windows: D:\GW_HTTP\XSD\

For Linux: /GW_HTTP/XSD/

- b. **Logger File:** Specify the path of gw_ejb_logger.properties file with the file name. The file must be manually copied to the specified location.

For windows: D:\GW_HTTP\config\gw_http_logger.properties

For Linux: /GW_HTTP/config/gw_http_logger.properties

- c. **Debug Path:** Specify the path to the folder where the application creates the logs. File separator '/' must be available at the end. You need to manually create the folder structure.

For windows: D:\GW_HTTP\log\

For Linux: /GW_HTTP/log/

- d. **Security Key for Encryption:** Specify the security key for the Encryption, here in this case it is Oraclefinancialsolutions.

Figure 1-35 Gateway Properties

Oracle FLEXCUBE Investor Servicing

ORACLE®

Property File Creation

Current screen provides an option for modifying the Gateway Properties

DataSource: FLEXTEST.WORLD

☐ POSS DataSource ☒ Platform Security

SMS Security Key: oraclefinancials

POSS DataSource: POSSTEST.WORLD

Distributed Schema: Yes

Msg In Log Required: No Msg Out Log Required: No

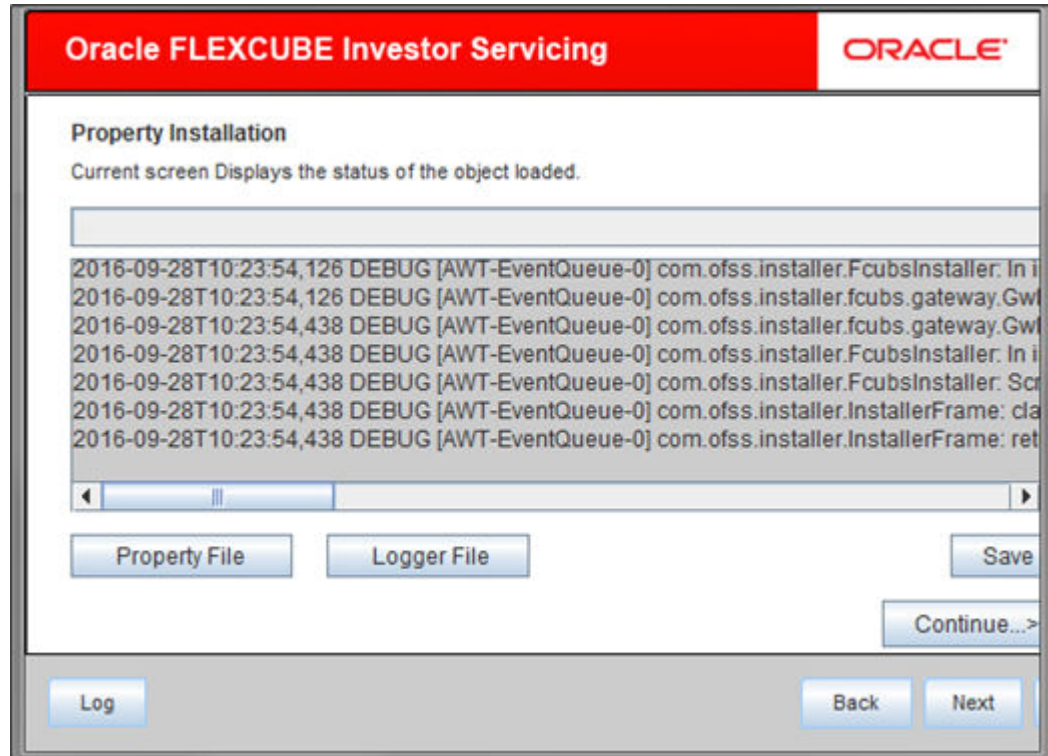
Log Back Next Exit

14. Specify the following details:

- a. **DataSource:** The JDBC data source is an object bound to JNDI tree and provides database connectivity through a pool of JDBC connections.
- b. **POSS DataSource:** Check this box if POSS is required. If you check this box, you need to specify the POSS Datasource Name in the field below.
- c. **Distributed Schema:** Select Distributed Schema as **Yes**.

15. Click **Next**. The following screen is displayed:

Figure 1-36 Property Installation



16. You can save the property file created in a temporary folder and continue with the installation process.
 - a. Click **Property File** to view the created property file.
 - b. Click **Save** to save the created property file in the desired location.
 - c. Click **Continue** to continue the installation process with gateway application type.
 - d. Click **Next** to navigate to the installer home screen.

1.4 Gateway WebServices Application

This topic describes the steps to create the property file for the Gateway WebServices Application.

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

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

Figure 1-37 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

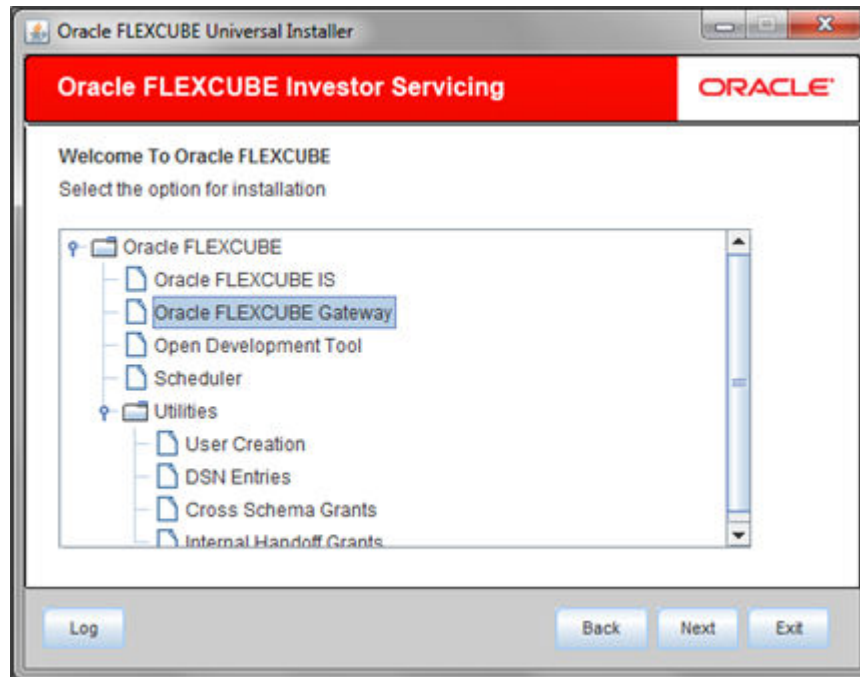
Application Server Location Local ▼

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

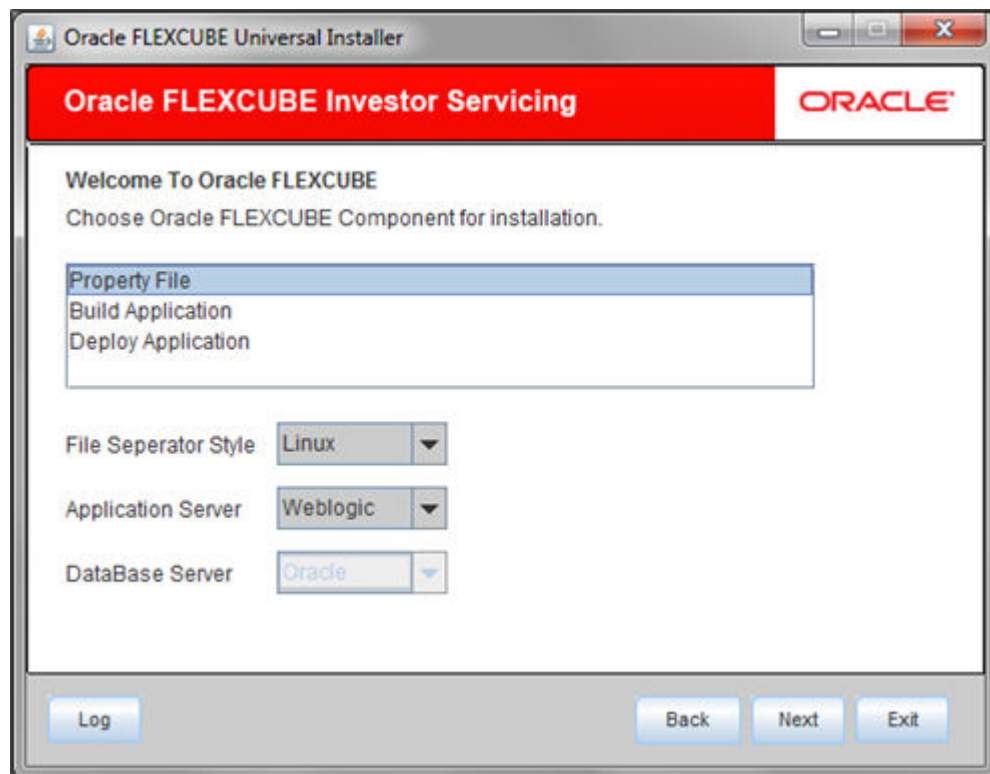
Table 1-7 JDK and Oracle Home path

Field	Description
JDK Path	Provide Home folder path of JDK1.8.
Oracle Home	Provide home folder path of Oracle Client or Database.
Application Server Home	Provide home folder path of Application Server.
Application Server Location	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 1-38 Select Oracle FLEXCUBE Gateway

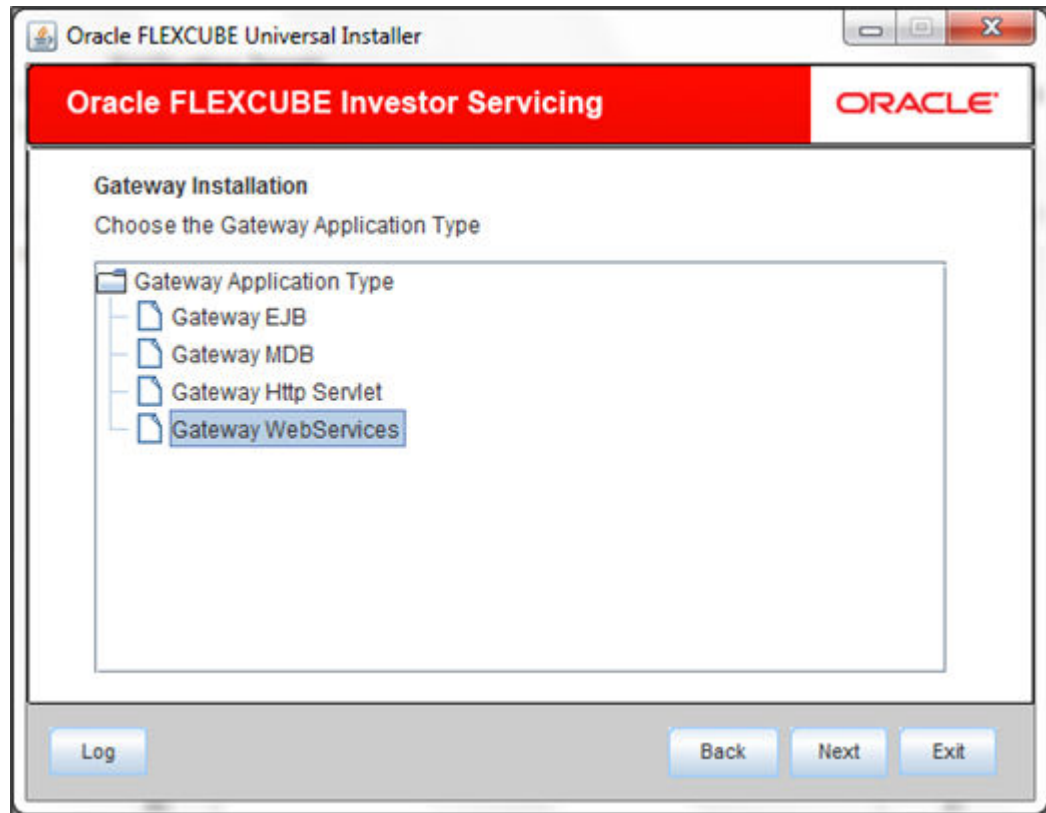
5. Click **Next** to choose **Oracle FLEXCUBE** component for installation.
6. Select **Property File**.

Figure 1-39 Oracle FLEXCUBE Component for Installation

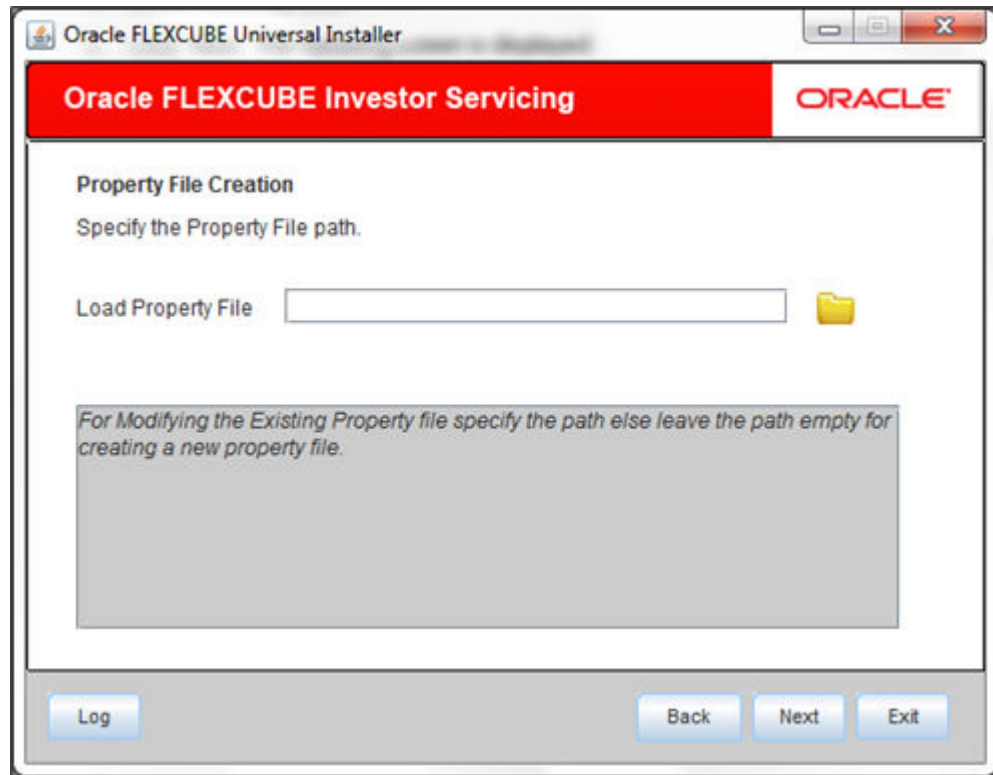
7. Specify the type of file separator (Eg: Linux or Windows). Choose the appropriate one from the drop-down list. You also need to specify the version of the selected operating system.

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** and select **Gateway WebServices** from the **Gateway Application Type**.
The following screen is displayed:

Figure 1-40 Gateway Application Type_Gateway WebServices



10. Click **Next**.
The following screen is displayed:

Figure 1-41 Property File Creation

11. Specify the location of the property file in the **Load Property File** manually when an existing file needs to be modified.

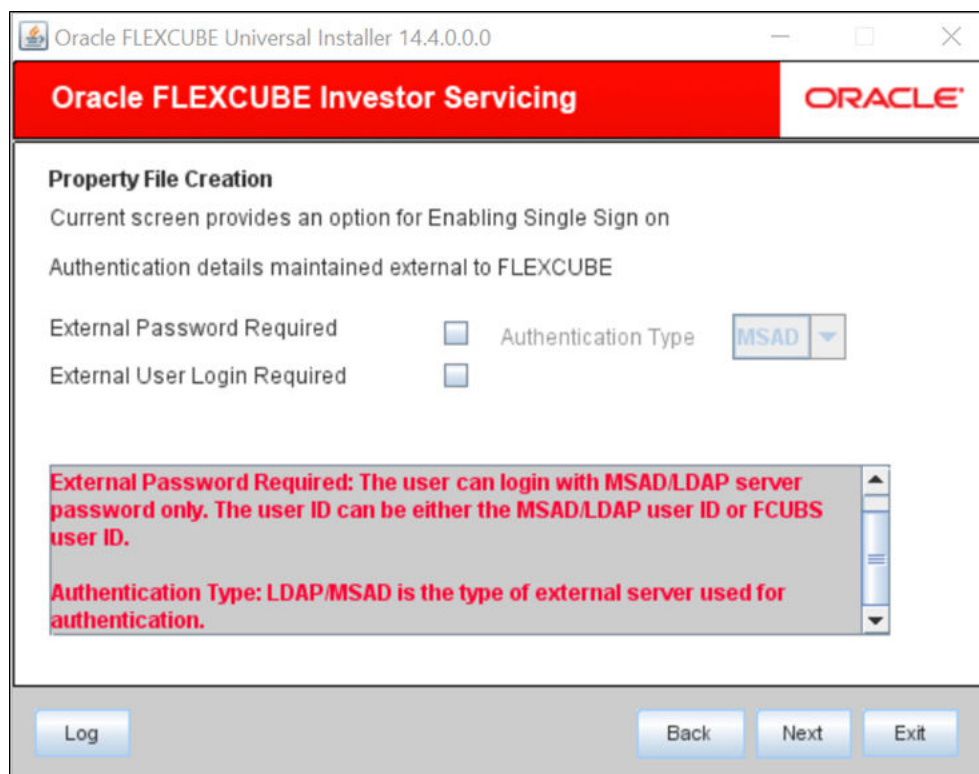
If you are creating a new property file, leave the field blank.

Note

Ensure that the folder structures used in the following steps are created before proceeding.

12. Click **Next**.

The following screen is displayed.

Figure 1-42 Authentication Details maintained external to FLEXCUBE

13. Specify the following details:

- a. **External Password Required:** Check this box to allow user login using MSAD/LDAP password irrespective of the user ID.

By default, this check box is unchecked. However, you can change this. If you check this box, the user can login using MSAD/LDAP server password only. The user Id can be one of the following:

- MSAD/LDAP user ID
- FCIS user ID

If you do not check this box, then the installer skips the following screen and directly navigates to the Modifying Gateway Properties screen.

Figure 1-43 External to FLEXCUBE

- b. **External User Login Required:** Check this box to enable user login using MSAD/LDAP user ID. By default, this check box is unchecked. However, you can change this.

Note

- If you check this box, the user can login with MSAD/LDAP server user ID as well as FCIS user ID.
- If you do not check this box, the user can login using FCIS user ID only.

The field **Authentication Type** is enabled if one of the above check boxes is checked.

- c. **Authentication Type:** Select the authentication type. This is the type of external server that is used.

You can select one of the following options:

- MSAD (Microsoft Active Directory)
- LDAP (Lightweight Directory Access Protocol)

Note

The default option is **MSAD**; however, you can change it. If you check the box, then the installer navigates to the following screen on clicking **Next** button.

14. Click **Next**.

The following screen is displayed.

Figure 1-44 Gateway Properties

Oracle FLEXCUBE Investor Servicing **ORACLE**

Property File Creation
Current screen provides an option for modifying the Gateway Properties

XSD Path

Logger File

Debug Path

Security Key for Encryption

15. Specify the following details:

- a. XSD Path:** Specify the path to the XSD file. File name is not required. File separator '/' must be available at the end. All the relevant XSD files must be manually copied to this location.

For Windows: D:\GW_WS\XSD\

For Linux: /GW_WS/XSD/

- b. Logger File:** Specify the path of `gw_ejb_logger.properties` file with the file name. The file must be manually copied to the specified location.

For windows: D:\GW_WS\config\gw_ws_logger.properties

For Linux: /GW_WS/config/gw_ws_logger.properties

- c. Debug Path:** Specify the path to the folder where the application creates the logs. File separator '/' must be available at the end. You need to manually create the folder structure.

For windows: D:\GW_WS\log\

For Linux: /GW_WS/log/

- d. Security Key for Encryption:** Specify the security key for the Encryption, here in this case it is Oraclefinancialsolutions.

16. Click Next.

The following screen is displayed:

Figure 1-45 Gateway Properties

Oracle FLEXCUBE Investor Servicing

Property File Creation

Current screen provides an option for modifying the Gateway Properties

DataSource: FLEXTEST.WORLD

☐ POSS DataSource ☒ Platform Security

SMS Security Key: oraclefinancials

POSS DataSource: POSSTEST.WORLD

Distributed Schema: Yes

Msg In Log Required: No

Msg Out Log Required: No

Log Back Next Exit

17. Specify the following details:

- DataSource:** The JDBC data source is an object bound to JNDI tree and provides database connectivity through a pool of JDBC connections.
- POSS DataSource:** Check this box if POSS is required. If you check this box, you need to specify the POSS Datasource Name in the field below.
- Distributed Schema:** Select Distributed Schema as **Yes**.
- MSG IN LOG Required:** Select if message in logging is required as **Yes** or **No**.
- MSG OUT LOG Required:** Select if message out logging is required as **Yes** or **No**.

Note

The Installer creates two files viz. `gw_ejb_logger.properties` and `GW_EJB_Prop.properties` in the path provided to save the files.

Click **Next**. The following screen is displayed:

Figure 1-46 Webservice Properties

No.	Name	Value
1	EJB JNDI Name	#com.ofss.fcubs.gw.ejb.GWEJBRemote
2	Application Server URL	http://10.10.10.10:7001
3	User Name	infra
4	Password	*****
5	EJB Look Up	REMOTE

18. Specify the following details:

- a. **EJB JNDI Name:** This is the reference name of the EJB by which it has been deployed. This should be <EJB_APPLICATION_NAME>_GW_EJB_Bean.

Example: GWEJB_GW_EJB_Bean

If you build the EJB application with GWEJB name, this should be the name with which the EJB EAR file is built. If you select EJB Call Type as REMOTE, this should be EJB_APPLICATION_NAME #com.ofss.fcubs.gw.ejb.GWEJBRemote.

Weblogic: GWEJB #com.ofss.fcubs.gw.ejb.GWEJBRemote

Websphere: ejb/GWEJB/GWEJB.jar/GWEJB#com.ofss.fcubs.gw.ejb.GWEJBRemote

If you build the EJB application with GWEJB name, this should be the name the EJB EAR file which is built.

- b. **Application Server URL:** Specify the URL of the application server where the webservice application is hosted.

Weblogic: t3://10.10.10.10:7001

Websphere: iiop://10.10.10.10:2815

- c. **User Name:** Specify the user name to access the application server where the EJB application is deployed.

Eg: infra

- d. **Password:** Specify the password for the above user name.

- e. **ELB Look Type:** Select from the drop box, REMOTE/LOCAL.

Note

When REMOTE is selected, it is mandatory that a ejb ear has to be built, a web service ear has to be built and both to be deployed.

When LOCAL is selected, new option in EAR build is provided where gateway ejb and web services are packaged in the same project. That single is deployed will suffice the web services.

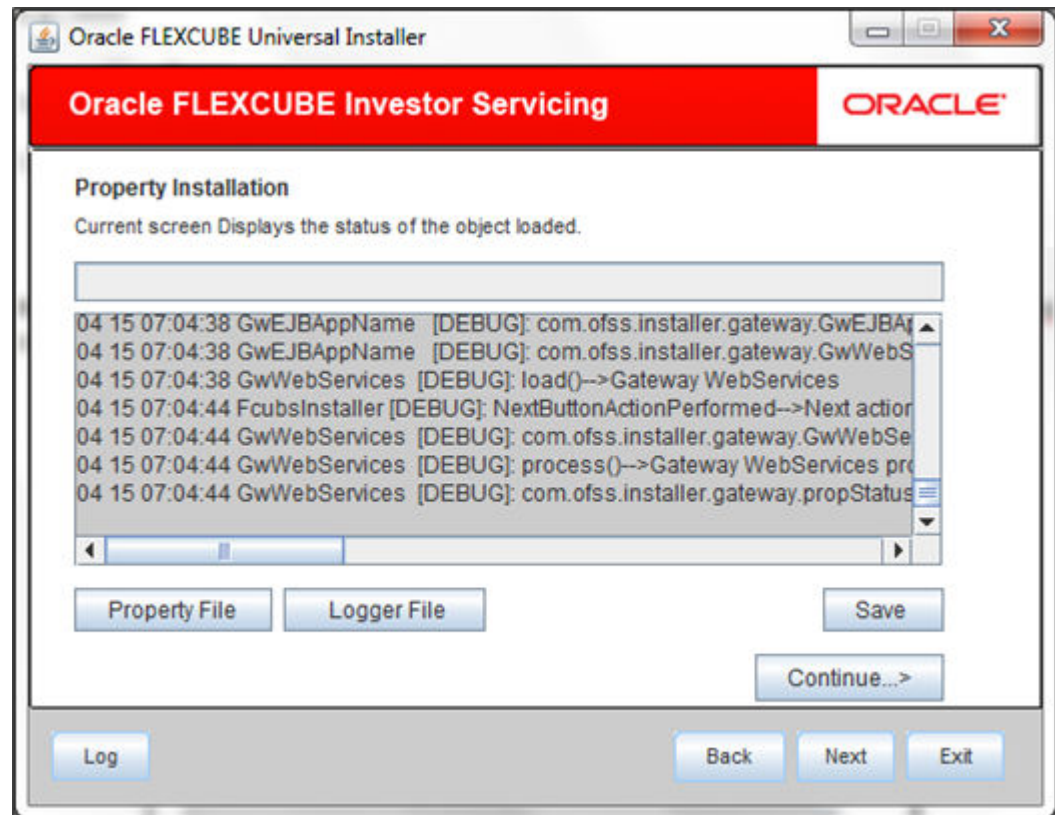
Note

The Installer creates two files viz. gw_WS_logger.properties and GW_WS_Prop.properties in the path provided to save the files.

19. Click Next.

The following screen is displayed:

Figure 1-47 Property Installation

**20. You can save the property file created in a temporary folder and continue with the installation process.**

- a. Click **Property File** to view the created property file.
- b. Click **Save** to save the created property file in the desired location.
- c. Click **Continue** to continue the installation process with gateway application type.

- d. Click **Next** to navigate to the installer home screen.

This completes the property file creation for Gateway.