

GATEWAY Property File Creation  
Oracle FLEXCUBE Investor Servicing

Release 14.5.4.0.0

[May] [2022]



---

# Table of Contents

- 1. CREATING PROPERTY FILE FOR GATEWAY APPLICATIONS ..... 1-1**
  - 1.1 INTRODUCTION ..... 1-1
  - 1.2 CREATING PROPERTY FILES ..... 1-1
    - 1.2.1 *Gateway EJB Application*..... 1-2
    - 1.2.2 *Gateway MDB Application*..... 1-14
    - 1.2.3 *Gateway HTTP Servlet Application*..... 1-28
    - 1.2.4 *Gateway Web Service Application*..... 1-37

---

# 1. Creating Property File for Gateway Applications

## 1.1 Introduction

This chapter explains the steps to create the property file for the gateway components namely, Enterprise Java Bean (EJB), Message Driven Beans (MDB), Web Services and HTTP Servlet.

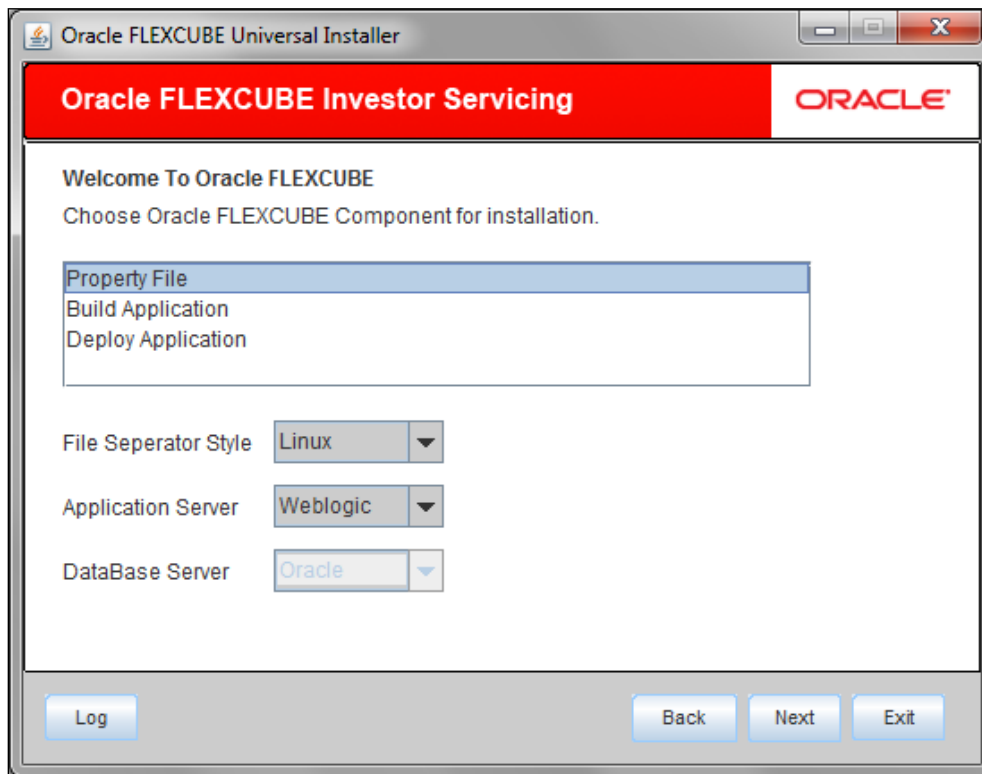
## 1.2 Creating Property Files

Follow the steps given below:

1. Start Oracle FLEXCUBE Universal Installer Welcome screen is displayed.
2. Select 'Oracle FLEXCUBE Gateway' and click 'Next'.

### 1.2.1 Gateway EJB Application

The following screen is displayed:



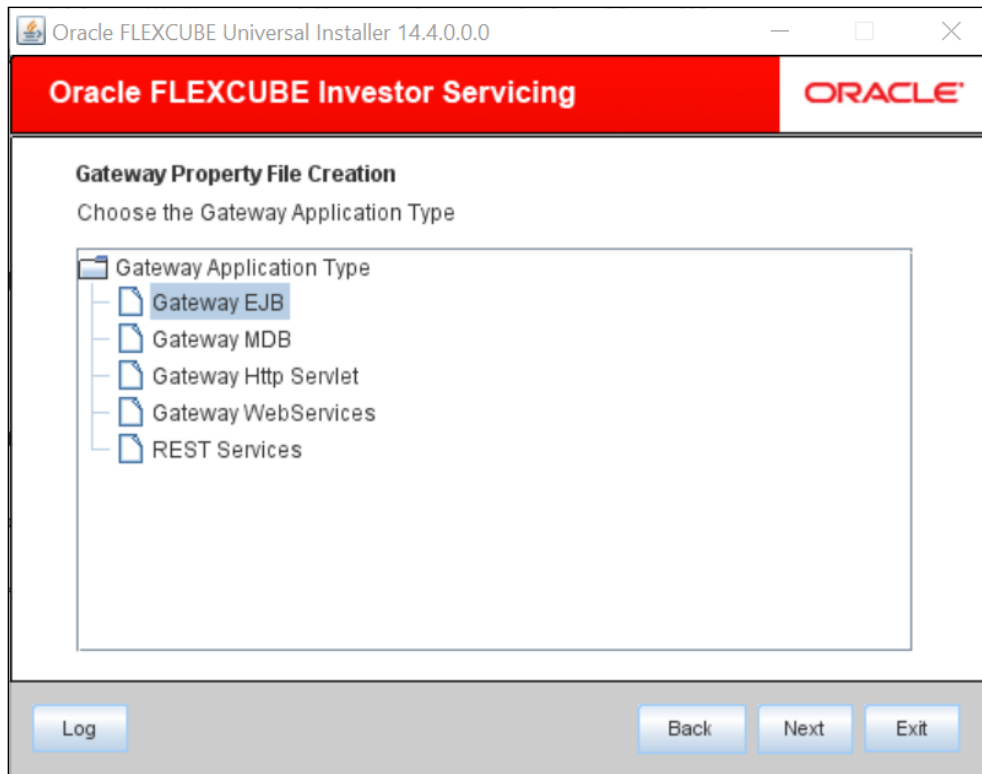
1. Choose the option 'Property File'.
2. Specify the following details:

#### Operating System

Specify the operating system in which you are creating the property file. Choose the appropriate one from the drop-down list.

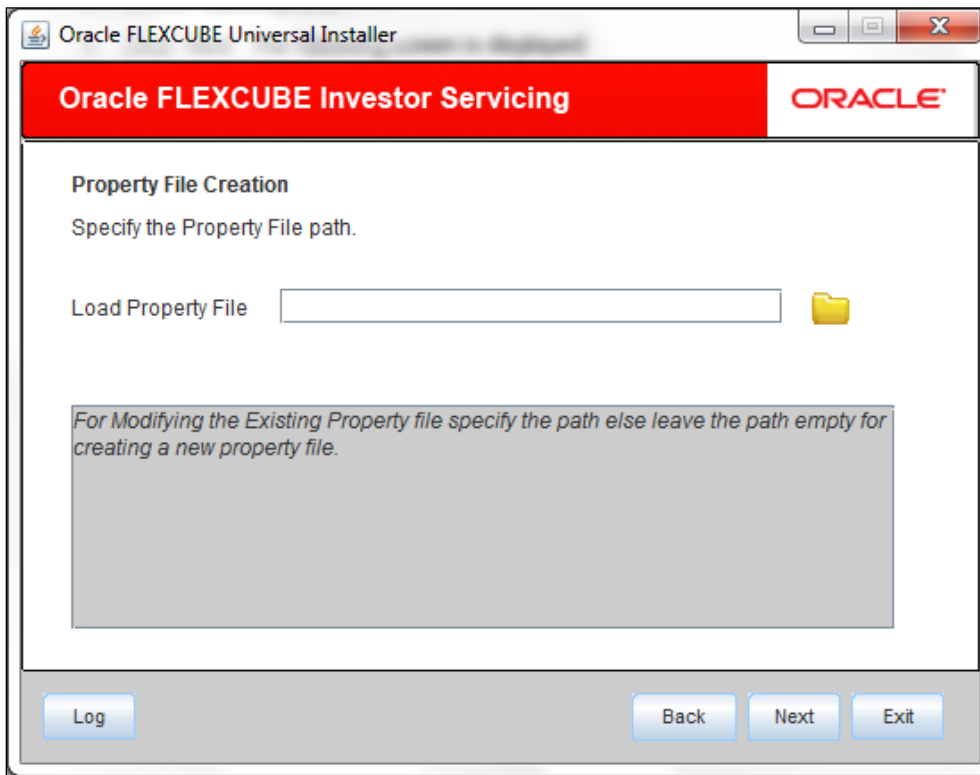
## Application Server

Specify the application server in which you are creating the property file. Choose the appropriate one from the drop-down list.



3. Select 'Gateway EJB'.

4. Click 'Next'. The following screen is displayed.



5. Specify the following details:

### **Load Property File**

If you are creating a new property file, leave the field blank. If you wish to modify an existing property file, you can manually specify the location of the property file.

**Note:** Before proceeding, ensure that the folder structures used in the following steps are created.

6. Click 'Next'. The following screen is displayed:

Oracle FLEXCUBE Universal Installer 14.4.0.0.0

**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 ☐

**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 authentication.**

Log Back Next Exit

7. Specify the following details.

### External User Login Required

Check this box to enable user login using MSAD/LDAP user ID.

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 screenshot shows the 'Oracle FLEXCUBE Investor Servicing' window with the 'ORACLE' logo. The main title is 'Property File Creation'. Below it, a message states: 'Current screen provides an option for Enabling Single Sign on Authentication details maintained external to FLEXCUBE'. There are two checked checkboxes: 'External Password Required' and 'External User Login Required'. To the right of these is a label 'Authentication Type' followed by a dropdown menu showing 'MSAD' and 'LDAP' options. Below these elements is a large text box containing red text: '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.' and 'Authentication Type: LDAP/MSAD is the type of external server used for'. At the bottom of the window are four buttons: 'Log', 'Back', 'Next', and 'Exit'.

### External Password Required

Check this box to allow user login using MSAD/LDAP password irrespective of the user ID.

Note: 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.

Oracle FLEXCUBE Universal Installer 14.4.0.0.0

**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 authentication.

Log Back Next Exit

### 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)

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.

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	FCISTEST
5	LDAP SERVER TIMEOUT	0

8. Specify the following LDAP server details.

#### **LDAP Server URL**

Specify the URL to access the LDAP server where the external user ID and password are maintained.

#### **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.

#### **Security Authentication Type**

Depending on the authentication mechanism supported by the LDAP server, select one of the following:

- Simple
- Strong

Note the following:

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

## Domain Name

Specify the domain name.

## 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.

9. Click 'Next'. The following screen is displayed:

The screenshot shows a software window titled "Oracle FLEXCUBE Investor Servicing" with the Oracle logo in the top right corner. The main content area is titled "Property File Creation" and contains the text "Current screen provides an option for modifying the Gateway Properties". Below this text are four input fields with labels to their left: "XSD Path" with the value "/Kernel11.1/GW\_EJB/XSD/", "Logger File" with the value "/Kernel11.1/GW\_EJB/config/gw\_ejb\_logger.properties", "Debug Path" with the value "/Kernel11.1/GW\_EJB/log/", and "Security Key for Encryption" with the value "oraclefinancials". At the bottom of the window is a grey bar containing four buttons: "Log", "Back", "Next", and "Exit".

Specify the following details.

## XSD Path

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

E.g.:

For Windows: D:\GW\_EJB\XSD\

For Linux: /GW\_EJB/XSD/

## Logger File

Specify the path to the 'gw\_ejb\_logger.properties' file with the file name. The file must be manually copied to the specified location.

E.g.:

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. There must be a '/' at the end. You need to manually create the specified folder structure.

E.g.:

For windows: D:\GW\_EJB\log\

For Linux: /GW\_EJB/log/

## Security Key for Encryption

Specify the security key for the Encryption, here in this case it is 'oraclefinancials'.

10. Click 'Next'.

**Note:** The Installer creates two files viz. 'gw\_ejb\_logger.properties' and 'GW\_EJB\_Prop.properties' in the path provided to save the files.

Oracle FLEXCUBE Investor Servicing
ORACLE

### Property File Creation

Current screen provides an option for modifying the Gateway Properties

DataSource

☐ POSS DataSource
☒ Platform Security

SMS Security Key

POSS DataSource

Distributed Schema

Msg In Log Required
Msg Out Log Required

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 this.

#### Platform Security

Platform Security is available only for weblogic and is not supported for Websphere.

If Platform Security is not enabled, the Installer will pop-up a window.

Choose Option


Are you sure you want to change the setting to Platform Security Disabled?  
The current security settings will put your application at risk.

IF Platform Security is checked for weblogic the symmetric key is not stored in the property file for security reasons. If Platform Security is unchecked the symmetric key is available in the property file and a warning message is displayed to the user.

## SMS Security Key

Specify the security key for the Encryption, here in this case it is 'oraclefinancials'. Distributed Schema

Select Distributed Schema as 'Yes'.

## MSG IN LOG Required

Select the from the drop down box if message in logging is required yes/no

## MSG OUT LOG Required

Select the from the drop down box if message out logging is required yes/no

11. Click 'Next'. The following screen is displayed.

Oracle FLEXCUBE Universal Installer

**Oracle FLEXCUBE Investor Servicing** ORACLE

Installation Type

FC Home

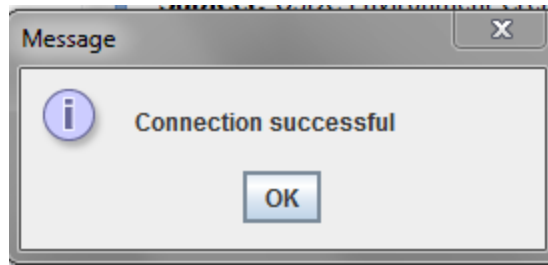
☒ EAR Build ☐ EAR Build Rolled-up

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

12. Enter the source path in FC Home and provide the SMS schema details for path installation.

On Click on Test Connection the following message will be displayed.



13. If connection is successful, click 'Next' to navigate to next screen.

**Oracle FLEXCUBE Investor Servicing****ORACLE®**

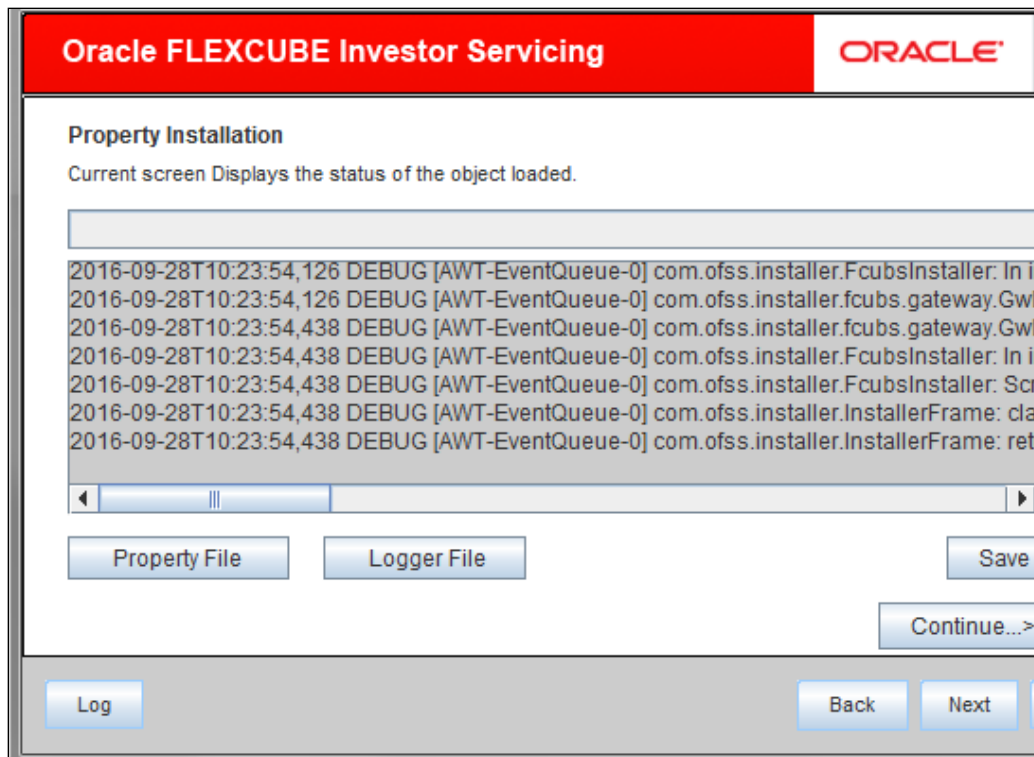
**Property File Creation**  
Current screen provides an option for OFTW Details

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

Log

BackNextExit

14. Click 'Next' to navigate to next screen.



The property file will be created in a temporary folder.

1. Click 'Property File' to view the created property file.
2. Click 'Save' to save the created property file in the desired location.
3. Click 'Continue' to continue the installation process with gateway application type.

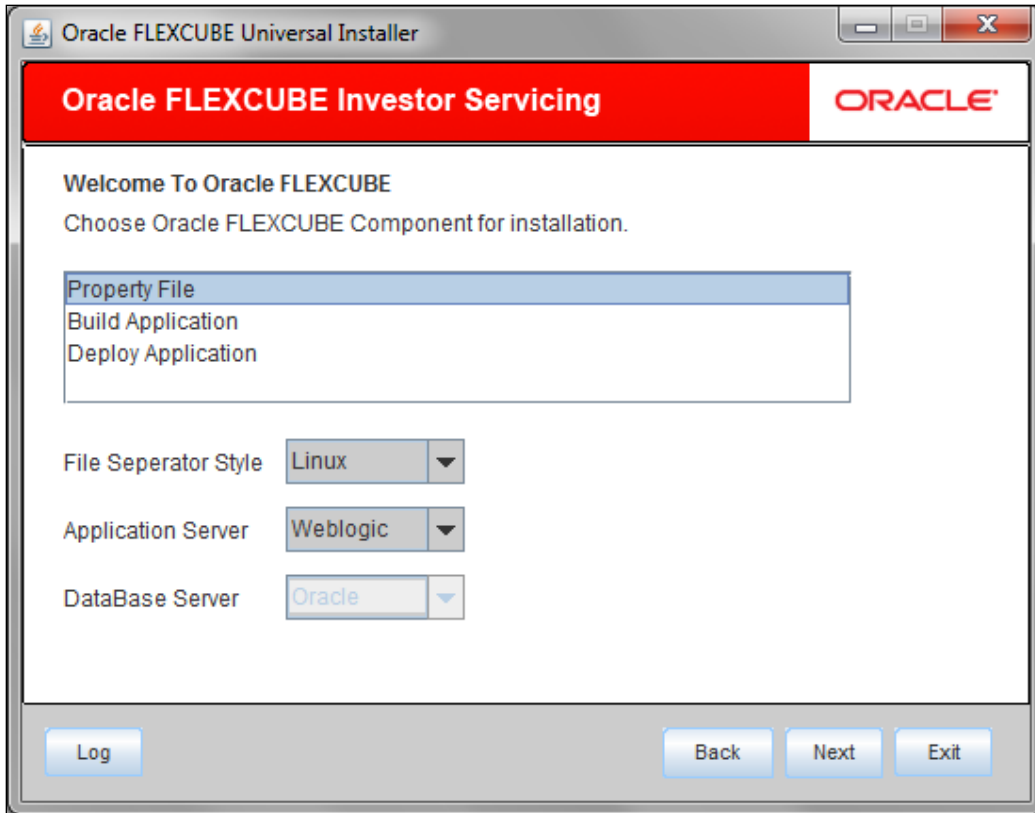
Click 'Next' to navigate to the installer home screen.

### 1.2.2 **Gateway MDB Application**

Follow the steps given below:

1. Start Oracle FLEXCUBE Investor Servicing Installer. Select 'Oracle FLEXCUBE Gateway' and click 'Next'. Following screen is displayed.





2. Choose the option 'Property File'.
3. Specify the following details:

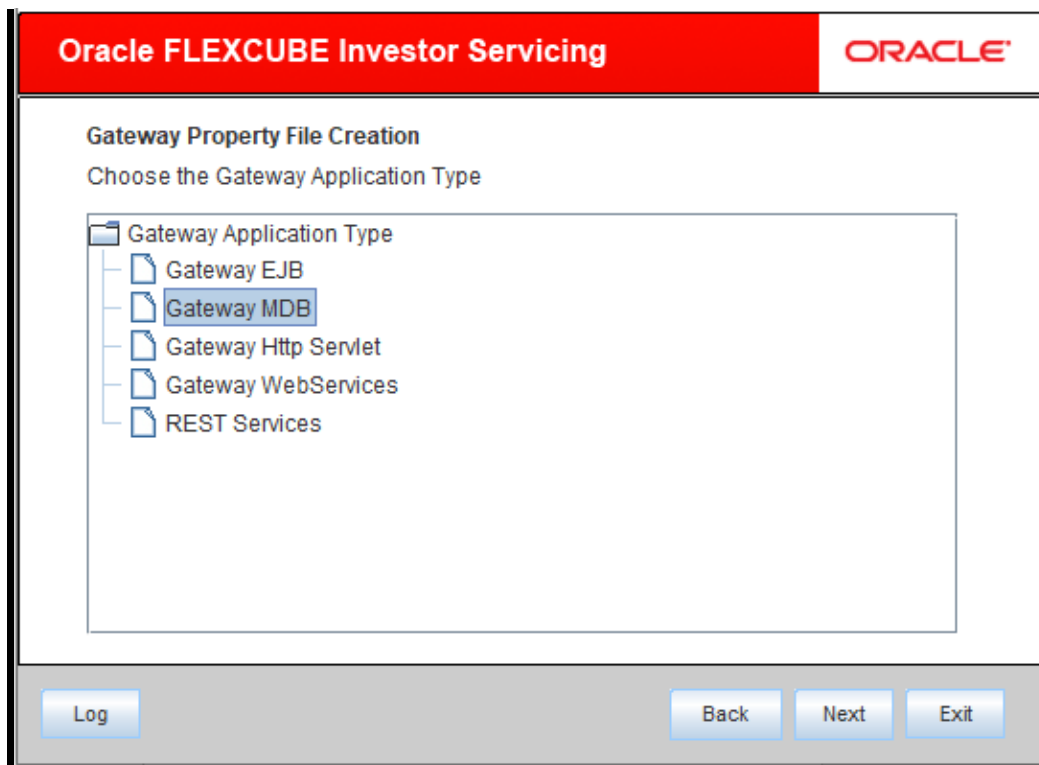
### **Operating System**

Specify the operating system in which you are creating the property file. Choose the appropriate one from the drop-down list.

### **Application Server**

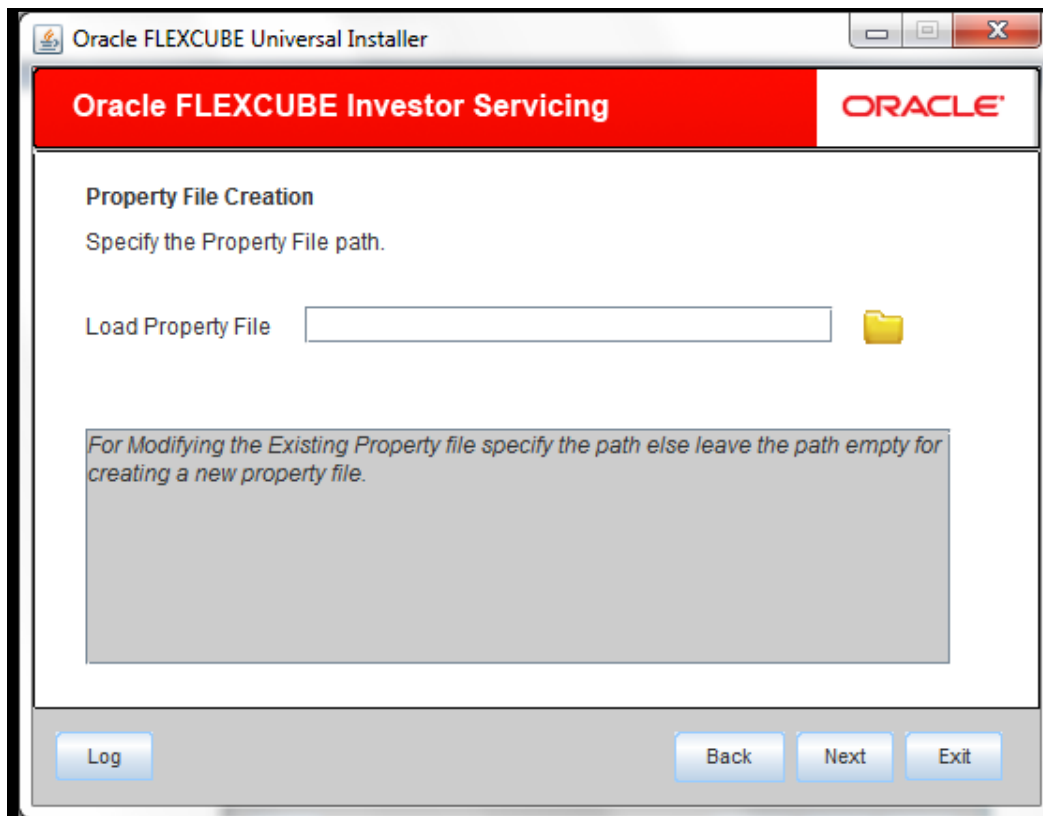
Specify the application server in which you are creating the property file. Choose the appropriate one from the drop-down list.

Click 'Next'. The following screen is displayed.



4. Select 'Gateway MDB' to create configuration files for the application.

5. Click 'Next'. The following screen is displayed



6. Specify the following details:

### Load Property File

If you are creating a new property file, leave the field blank. If you wish to modify an existing property file, you can manually specify the location of the property file.

**Note:** Before proceeding, ensure that the folder structures used in the following steps are created.

Click 'Next'. The following screen is displayed:

Oracle FLEXCUBE Universal Installer 14.4.0.0.0

**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 ☐

**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 authentication.**

Log Back Next Exit

7. Specify the following details.

### 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.

Oracle FLEXCUBE Universal Installer 14.4.0.0.0

**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 authentication.**

Log Back Next Exit

#### 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.

The screenshot shows the 'Oracle FLEXCUBE Investor Servicing' window. The title bar is red with the Oracle logo. The main content area is titled 'Property File Creation' and contains the following text: 'Current screen provides an option for Enabling Single Sign on' and 'Authentication details maintained external to FLEXCUBE'. Below this, there are two checked checkboxes: 'External Password Required' and 'External User Login Required'. To the right of these checkboxes is a label 'Authentication Type' and a drop-down menu. The drop-down menu is currently open, showing three options: 'LDAP', 'MSAD', and 'LDAP'. Below the checkboxes and the drop-down menu, there is a text box with red text: '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.' and 'Authentication Type: LDAP/MSAD is the type of external server used for authentication.' At the bottom of the window, there are four buttons: 'Log', 'Back', 'Next', and 'Exit'.

Note: The field 'Authentication Type' is enabled if one of the above check boxes is checked:

### Authentication Type

Select the authentication type from the adjoining drop-down list. 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)

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

Click 'Next'. The following screen is displayed.

**Oracle FLEXCUBE Universal Installer**

**Oracle FLEXCUBE Investor Servicing** **ORACLE**

**Property File Creation**  
LDAP Server Details for Gateway

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	
5	LDAP SERVER TIMEOUT	0

Log Back Next Exit

8. Specify the following LDAP server details.

#### **LDAP Server URL**

Specify the URL to access the LDAP server where the external user ID and password are maintained.

#### **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.

#### **Security Authentication Type**

Depending on the authentication mechanism supported by the LDAP server, select one of the following:

- Simple
- Strong

#### **Note the following:**

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

#### **Domain Name**

Specify the domain name.

## 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.

Click 'Next'. The following screen is displayed:

The screenshot shows a web application window titled "Oracle FLEXCUBE Investor Servicing" with the Oracle logo in the top right corner. The main heading is "Property File Creation" with a subtext: "Current screen provides an option for modifying the Gateway Properties". Below this, there are four input fields:

- XSD Path: /GW\_MDB/XSD/
- Logger File: /GW\_MDB/config/gw\_mdb\_logger.properties
- Debug Path: /GW\_MDB/log/
- Security Key for Encryption: oraclefinancials

At the bottom of the window, there are three buttons: "Log" on the left, and "Back" and "Next" on the right.

9. Specify the following details.

### XSD Path

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

E.g.:

For Windows: D:\GW\_MDB\XSD\

For Linux: /GW\_MDB/XSD/

### Logger File

Specify the path to the 'gw\_ejb\_logger.properties' file with the file name. The file must be manually copied to the specified location.



E.g.:

For windows: D:\GW\_MDB\config\gw\_mdb\_logger.properties

For Linux: /GW\_MDB/config/gw\_mdb\_logger.properties

### Debug Path

Specify the path to the folder where the application creates the logs. There must be a '/' at the end. You need to manually create the folder structure.

E.g.:

For windows: D:\GW\_MDB\log\

For Linux: /GW\_MDB/log/

### Security Key for Encryption

Specify the security key for the Encryption, here in this case it is 'oraclefinancials'.

10. Click 'Next'.

**Note:** The Installer creates two files viz. 'gw\_ejb\_logger.properties' and 'GW\_EJB\_Prop.properties' in the path provided to save the files.

The screenshot shows a window titled "Oracle FLEXCUBE Investor Servicing" with the Oracle logo in the top right corner. The main content area is titled "Property File Creation" and contains the text: "Current screen provides an option for modifying the Gateway Properties". Below this text are several input fields and checkboxes:

- DataSource:** A text box containing "FLEXTEST.WORLD".
- POSS DataSource:** A checkbox that is unchecked.
- Platform Security:** A checkbox that is checked.
- SMS Security Key:** A text box containing "oraclefinancials".
- POSS DataSource:** A text box containing "POSSTEST.WORLD".
- Distributed Schema:** A dropdown menu with "Yes" selected.

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

11. 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.

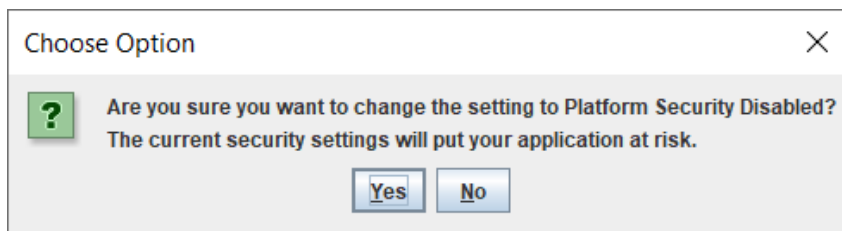
### **POSS Datasource**

Check this box if POSS is required. If you check this box, you need to specify the POSS Datasource Name in the field below this.

### **Platform Security**

Platform Security is available only for weblogic and is not supported for Websphere.

If Platform Security is not enabled, the Installer will pop-up a window.



IF Platform Security is checked for weblogic the symmetric key is not stored in the property file for security reasons. If Platform Security is unchecked the symmetric key is available in the property file and a warning message is displayed to the user.

### **SMS Security Key**

**Specify the security key for the Encryption, here in this case it is 'oraclefinancials'.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.

Click 'Next'. The following screen is displayed.

The screenshot shows a window titled "Oracle FLEXCUBE Investor Servicing" with the Oracle logo in the top right corner. The main heading is "Property File Creation". Below it, a text label states: "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

Below the table is a large empty rectangular box. At the bottom of the window, there is a "Log" button on the left and "Back", "Next", and "Exit" buttons on the right.

Click 'Next'. You will be navigated to the next screen.

The screenshot shows a window titled "Oracle FLEXCUBE Universal Installer" with the Oracle logo in the top right corner. The main heading is "Gateway Property File Creation". Below it, a text label states: "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	

Below the table is a large empty rectangular box. At the bottom of the window, there is a "Log" button on the left and "Back", "Next", and "Exit" buttons on the right.

12. Specify the following details:

**Connection Factory**

Specify the connection configuration parameters to create connections for JMS clients.

E.g.: MDBQCF

**Request Queue**

Specify the request queue. This is the point-to-point destination type used for asynchronous peer communication.

E.g.: MDB\_QUEUE

**Response Queue**

Specify the response queue name.

E.g.: MDB\_QUEUE\_RESPONSE

**DL Queue**

Specify the dead letter queue name.

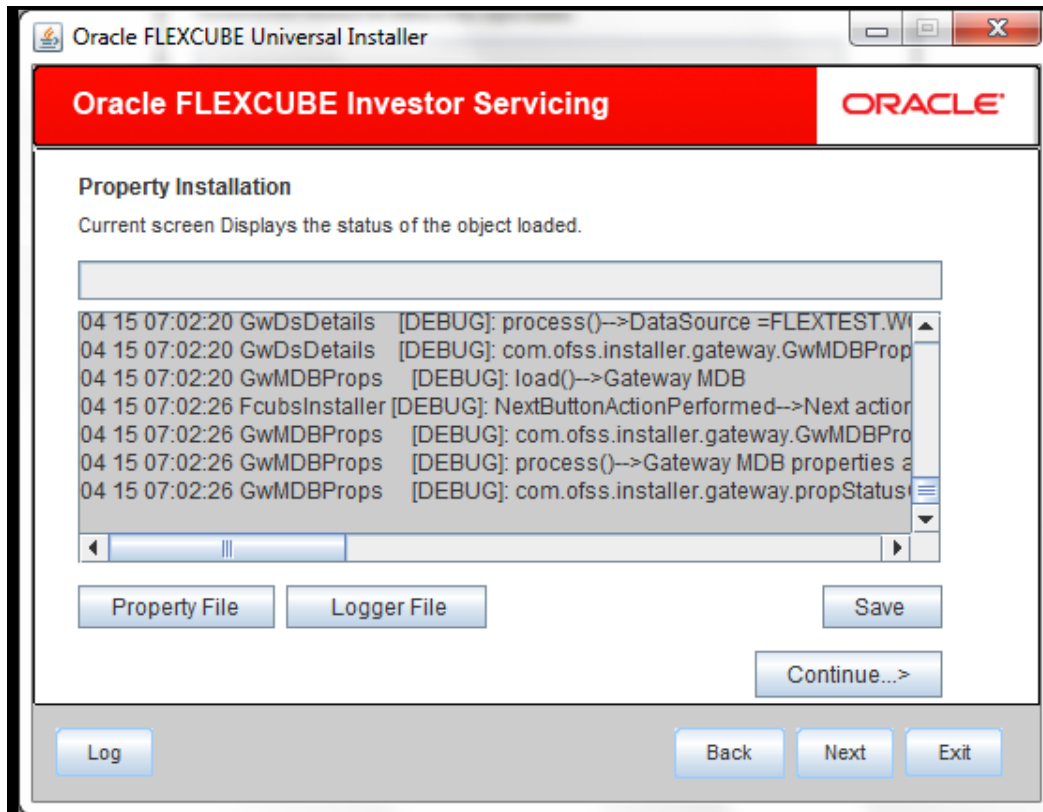
E.g.: MDB\_QUEUE\_DLQ

**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.

Click 'Next'. The following screen is displayed.



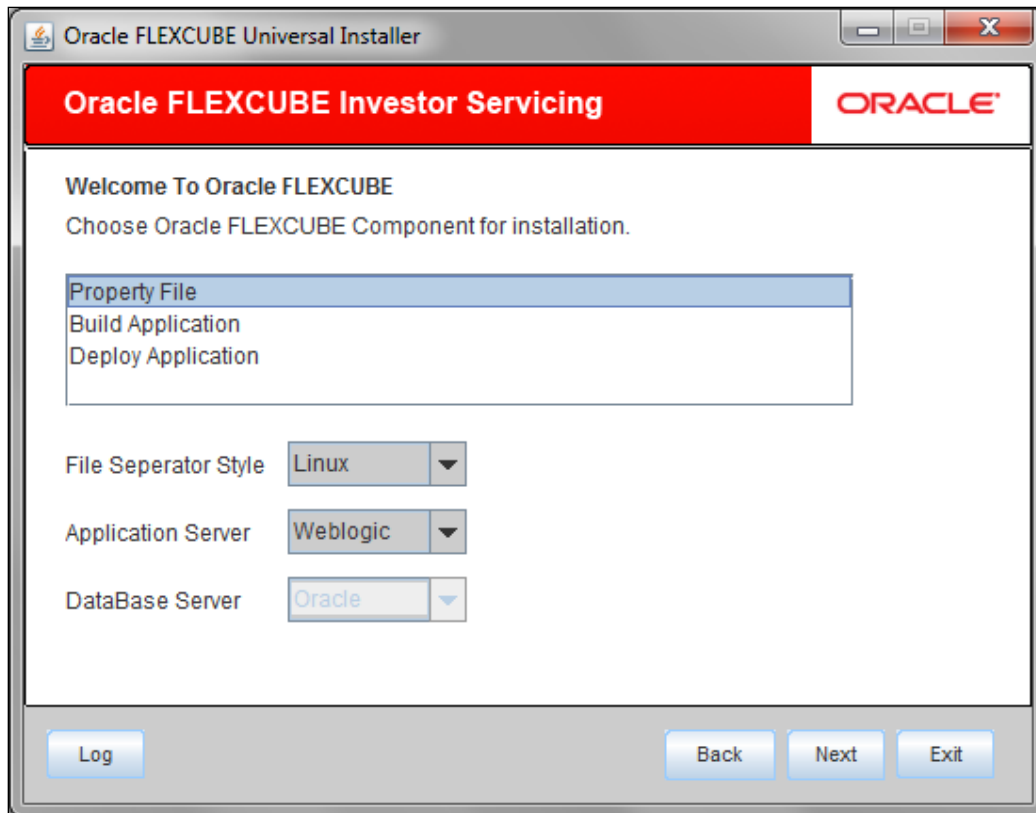
The property file will be created in a temporary folder.

13. Click 'Property File' to view the created property file.
14. Click 'Save' to save the created property file in desired location.
15. Click 'Continue' to continue the installation process with gateway application type.
16. Click 'Next' to navigate to the installer home screen.

### 1.2.3 Gateway HTTP Servlet Application

Follow the steps given below:

1. Start Oracle FLEXCUBE Investor Servicing Installer. Select 'Oracle FLEXCUBE Gateway' and click 'Next'. Following screen is displayed.



2. Choose the option 'Property File'.
3. Specify the following details:

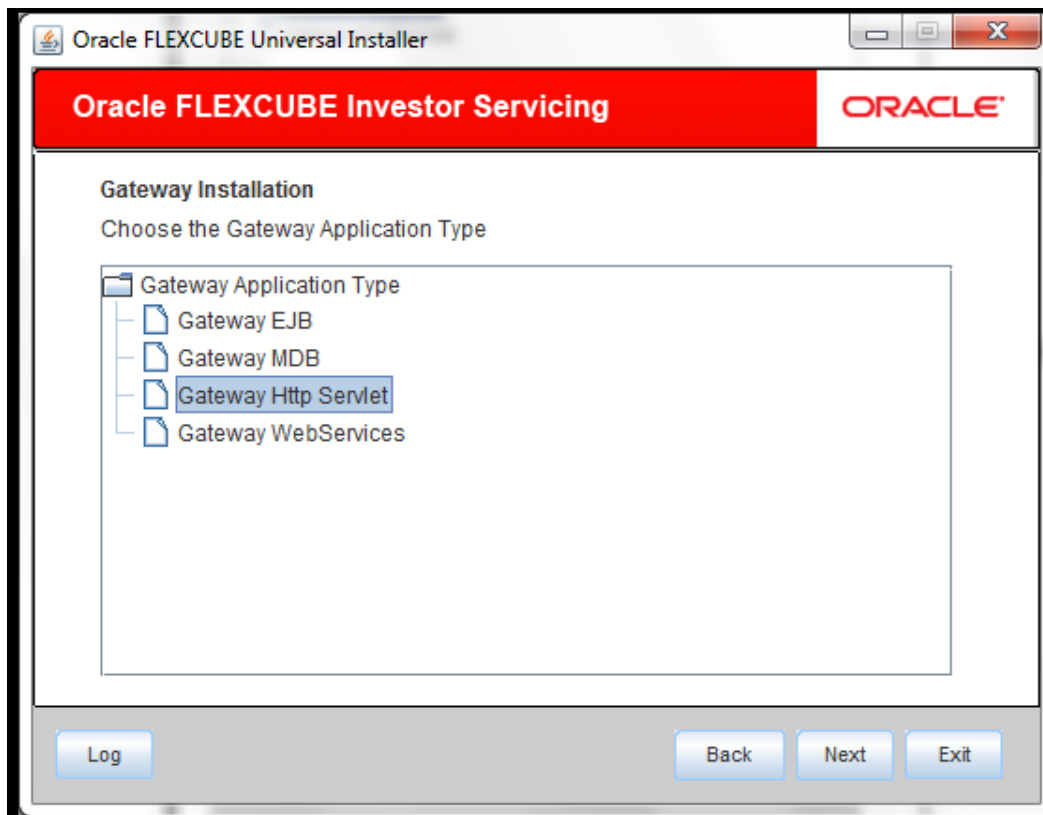
#### Operating System

Specify the operating system in which you are creating the property file. Choose the appropriate one from the drop-down list.

#### Application Server

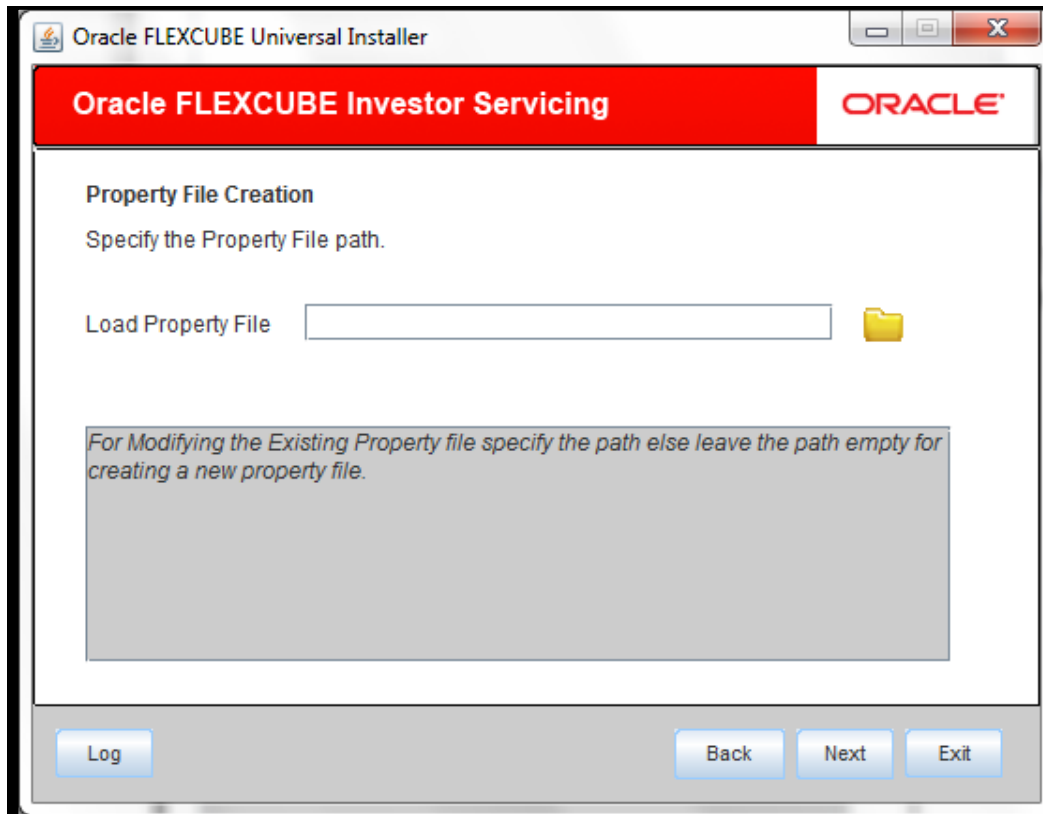
Specify the application server in which you are creating the property file. Choose the appropriate one from the drop-down list.

Once you have specified the details, click 'Next' to continue. The following screen is displayed.



4. Select 'Gateway Http Servlet' to create configuration files for the application.

5. Click 'Next'. The following screen is displayed.



6. Specify the following details:

#### **Load Property File**

If you are creating a new property file, leave the field blank. If you wish to modify an existing property file, you can manually specify the location of the property file.

**Note:** Before proceeding, ensure that the folder structures used in the following steps are created.



Click 'Next'. The following screen is displayed:

The screenshot shows a web application window titled "Oracle FLEXCUBE Investor Servicing" with the Oracle logo in the top right corner. The main content area is titled "Property File Creation" and contains the text "Current screen provides an option for modifying the Gateway Properties". Below this, there are four input fields with labels to their left: "XSD Path" with the value "/Kernel11.1/GW\_HTTP/XSD/", "Logger File" with the value "Kernel11.1/GW\_HTTP/config/gw\_http\_logger.properties", "Debug Path" with the value "/Kernel11.1/GW\_HTTP/log/", and "Security Key for Encryption" with the value "oraclefinancials". At the bottom of the window, there is a navigation bar with four buttons: "Log", "Back", "Next", and "Exit".

7. Specify the following details.

#### **XSD Path**

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

E.g.:

For Windows: D:\GW\_HTTP\XSD\

For Linux: /GW\_HTTP/XSD/

## Logger File

Specify the path to the 'gw\_ejb\_logger.properties' file with the file name. The file must be manually copied to the specified location.

E.g.:

For windows: D:\GW\_HTTP\config\gw\_http\_logger.properties

For Linux: /GW\_HTTP/config/gw\_http\_logger.properties

## Debug Path

Specify the path to the folder where the application creates the logs. There must be a '/' at the end. You need to manually create the folder structure.

E.g.:

For windows: D:\GW\_HTTP\log\

For Linux: /GW\_HTTP/log/

## Security Key for Encryption

Specify the security key for the Encryption, here in this case it is 'oraclefinancials'.

8. Click 'Next'.

**Note:** The Installer creates two files viz. 'gw\_http\_logger.properties' and 'GW\_HTTP\_Prop.properties' in the path provided to save the files.

The following screen is displayed

The screenshot shows a software window titled "Oracle FLEXCUBE Investor Servicing" with the Oracle logo in the top right corner. The main content area is titled "Property File Creation" and contains the text "Current screen provides an option for modifying the Gateway Properties". Below this, there are several input fields and checkboxes:

- DataSource:** A text box containing "FLEXTEST.WORLD".
- POSS DataSource:** A checkbox that is unchecked.
- Platform Security:** A checkbox that is checked.
- SMS Security Key:** A text box containing "oraclefinancials".
- POSS DataSource:** A text box containing "POSSTEST.WORLD".
- Distributed Schema:** A dropdown menu with "Yes" selected.

At the bottom of the window, there is a navigation bar with four buttons: "Log", "Back", "Next", and "Exit".

31. 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 this.

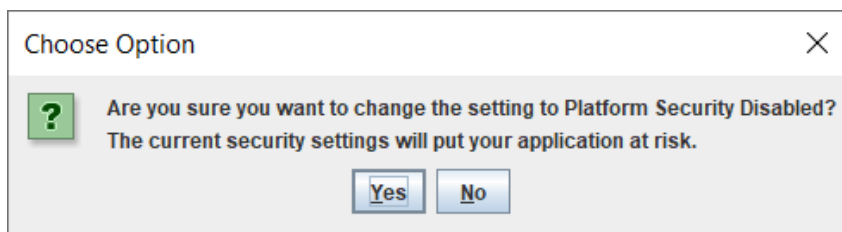
### **Distributed Schema**

Select Distributed Schema as 'Yes'.

### **Platform Security**

Platform Security is available only for weblogic and is not supported for Websphere.

If Platform Security is not enabled, the Installer will pop-up a window.



IF Platform Security is checked for weblogic the symmetric key is not stored in the property file for security reasons. If Platform Security is unchecked the symmetric key is available in the property file and a warning message is displayed to the user.

### **SMS Security Key**

Specify the security key for the Encryption, here in this case it is 'oraclefinancials'.

Click 'Next'. The following screen is displayed.

Oracle FLEXCUBE Universal Installer

**Oracle FLEXCUBE Investor Servicing** ORACLE

Installation Type

FC Home

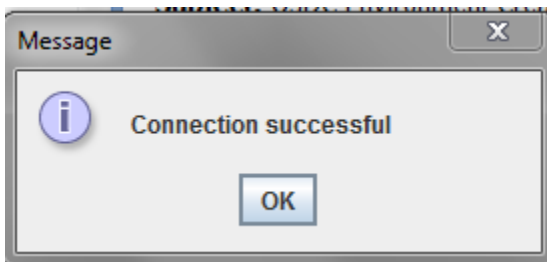
☒ EAR Build ☐ EAR Build Rolled-up

Provide SMS schema details for patch install...

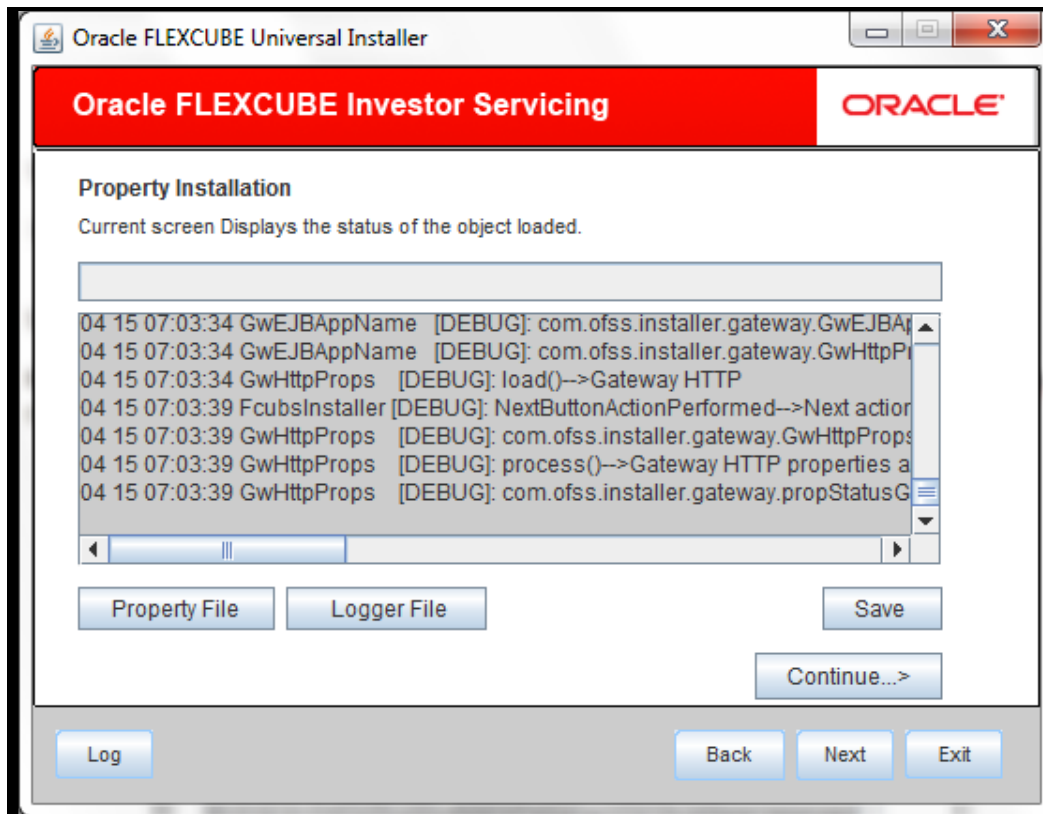
Name	Value
Username	test
Password	••••
Service Name	test
IP Address	10.10.10.10
Port	1234
TNS Connect Descriptor	test

Enter the source path in FC Home and provide the SMS schema details for path installation.

On Click on Test Connection the following message will be displayed.



If connection is successful, click 'Next' to navigate to next screen.



The property file will be created in a temporary folder.

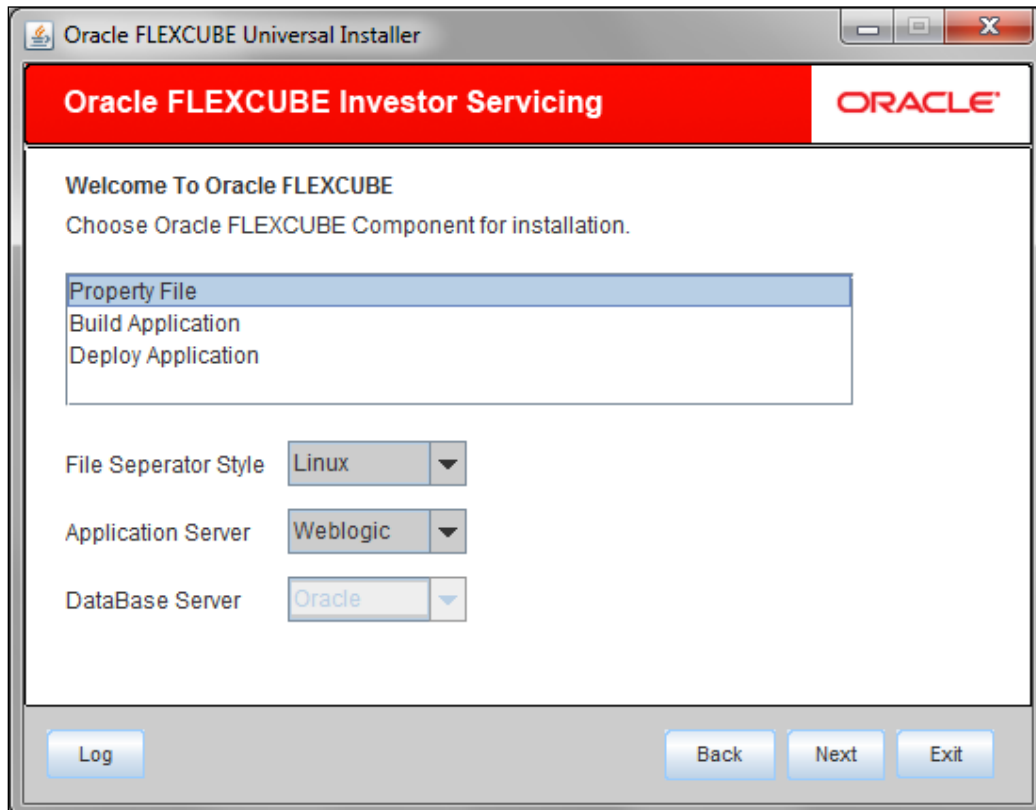
9. Click 'Property File' to view the created property file.
10. Click 'Save' to save the created property file in desired location.
11. Click 'Continue' to continue the installation process with gateway application type.
12. Click 'Next' to navigate to the installer home screen.

### 1.2.4 Gateway Web Service Application

Follow the steps given below:

1. Start Oracle FLEXCUBE Investor Servicing Installer. Select 'Oracle FLEXCUBE Gateway' and click 'Next'.

Following screen is displayed.



2. Choose the option 'Property File'.
3. Specify the following details:

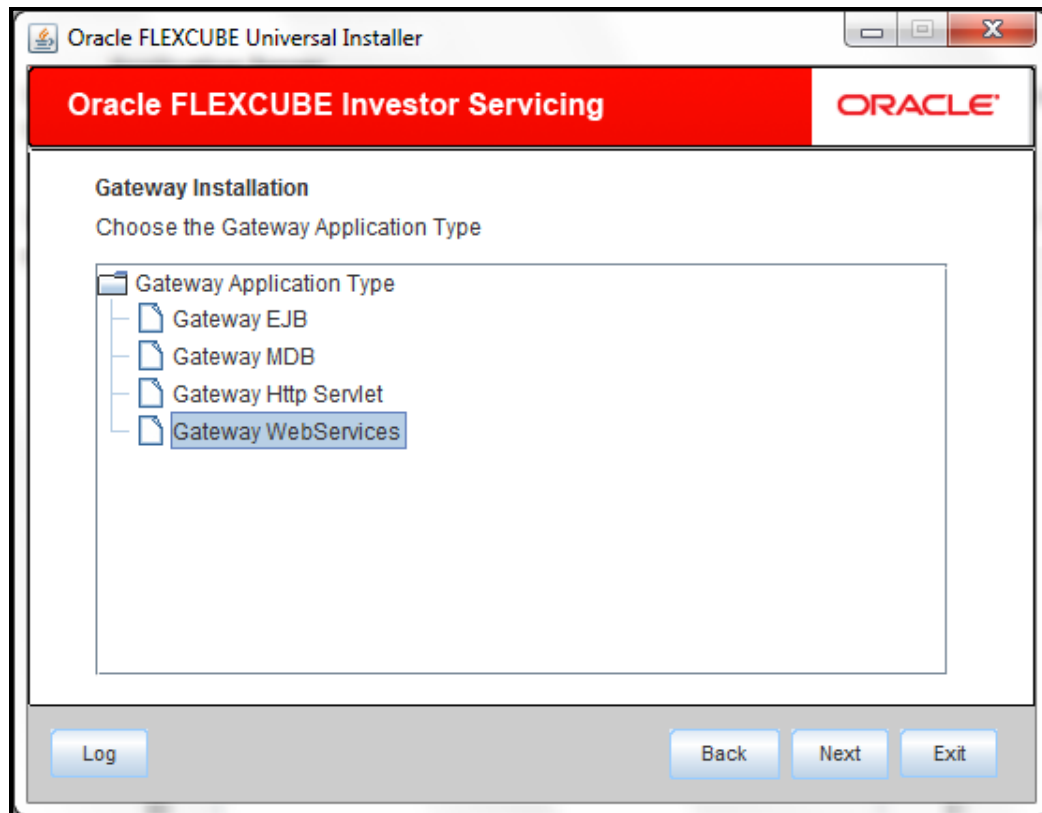
#### Operating System

Specify the operating system in which you are creating the property file. Choose the appropriate one from the drop-down list.

#### Application Server

Specify the application server in which you are creating the property file. Choose the appropriate one from the drop-down list.

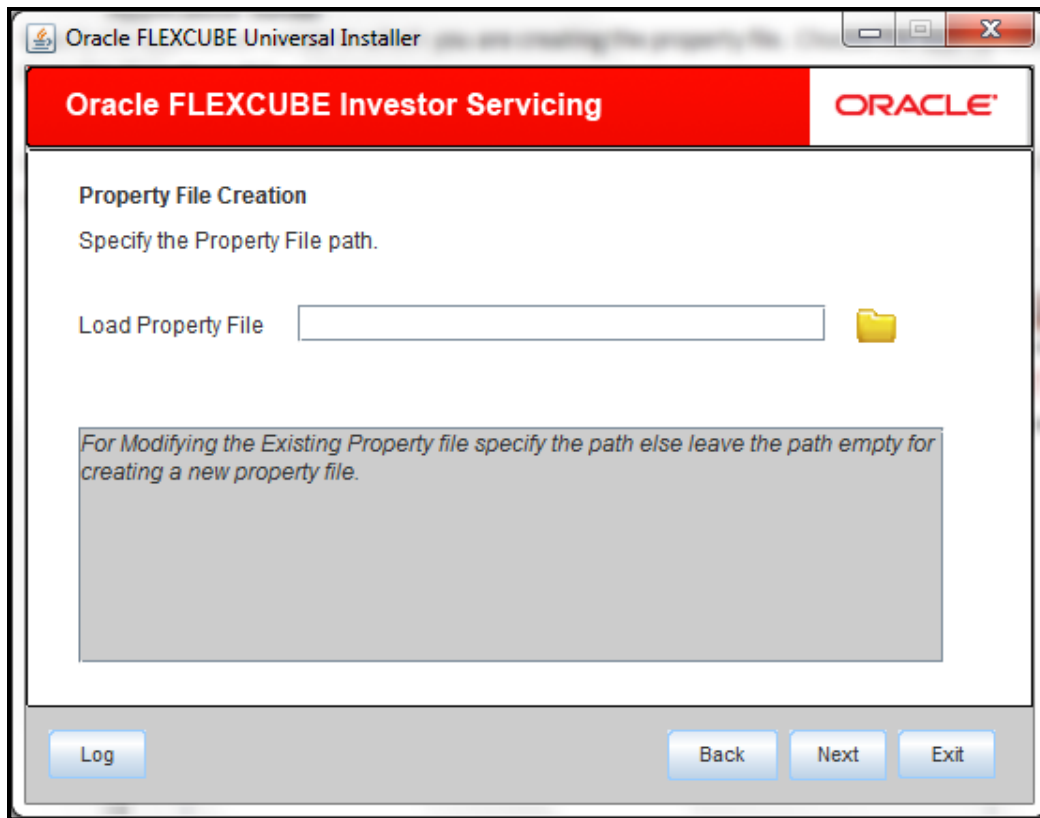
Click 'Next'.



Select 'Gateway WebServices' to create configuration files for the application.



Click 'Next'. The following screen is displayed.



1. Specify the following details:

### Load Property File

If you are creating a new property file, leave the field blank. If you wish to modify an existing property file, you can manually specify the location of the property file.

**Note:** Before proceeding, ensure that the folder structures used in the following steps are created.

Click 'Next'. The following screen is displayed:

Oracle FLEXCUBE Universal Installer 14.4.0.0.0

**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 ☐

**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 authentication.**

Log Back Next Exit

49. Specify the following details.

### 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.

Oracle FLEXCUBE Universal Installer 14.4.0.0.0

**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 FCIS user ID.

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

Log Back Next Exit

**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.

**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 authentication.**

**Log** **Back** **Next** **Exit**

Note: The field 'Authentication Type' is enabled if one of the above check boxes is checked:

### Authentication Type

Select the authentication type from the adjoining drop-down list. 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)

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

If LDAP is selected, the followed screen is displayed

Oracle FLEXCUBE Investor Servicing

ORACLE

Property File Creation

LDAP Server Details for Gateway

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

### 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:

- Simple (in most cases)
- 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.

50. Click 'Next'. The following screen is displayed.

The screenshot shows a web application window titled "Oracle FLEXCUBE Investor Servicing" with the Oracle logo in the top right corner. The main heading is "Property File Creation", followed by the text "Current screen provides an option for modifying the Gateway Properties". Below this, there are four input fields: "XSD Path" with the value "/GW\_MDB/XSD/", "Logger File" with the value "/GW\_MDB/config/gw\_mdb\_logger.properties", "Debug Path" with the value "/GW\_MDB/log/", and "Security Key for Encryption" with the value "oraclefinancials". At the bottom of the window, there are three buttons: "Log", "Back", and "Next".

51. Specify the following details.

### **XSD Path**

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

E.g.:

For Windows: D:\GW\_WS\XSD\

For Linux: /GW\_WS/XSD/

### **Logger File**

Specify the path to the 'gw\_ejb\_logger.properties' file with the file name. The file must be manually copied to the specified location.

E.g.:

For windows: D:\GW\_WS\config\gw\_ws\_logger.properties

For Linux: /GW\_WS/config/gw\_ws\_logger.properties

## Debug Path

Specify the path to the folder where the application creates the logs. There must be a '/' at the end. You need to manually create the folder structure.

E.g.:

For windows: D:\GW\_WS\log\

For Linux: /GW\_WS/log/

## Security Key for Encryption

Specify the security key for the Encryption, here in this case it is 'oraclefinancials'.

Click 'Next'.

The screenshot shows a window titled "Oracle FLEXCUBE Investor Servicing" with the Oracle logo in the top right corner. The main content area is titled "Property File Creation" and contains the following fields and controls:

- DataSource:** A text field containing "FLEXTEST.WORLD". Below it are two checkboxes: "POSS DataSource" (unchecked) and "Platform Security" (unchecked).
- SMS Security Key:** A text field containing "oraclefinancials".
- POSS DataSource:** A text field containing "POSSTEST.WORLD".
- Distributed Schema:** A dropdown menu with "Yes" selected.
- Msg In Log Required:** A dropdown menu with "No" selected.
- Msg Out Log Required:** A dropdown menu with "No" selected.

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

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.

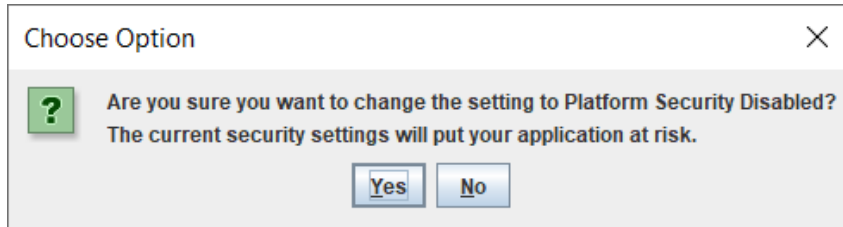
### POSS Datasource

Check this box if POSS is required. If you check this box, you need to specify the POSS Datasource Name in the field below this.

## Platform Security

Platform Security is available only for weblogic and is not supported for Websphere.

If Platform Security is not enabled, the Installer will pop-up a window.



IF Platform Security is checked for weblogic the symmetric key is not stored in the property file for security reasons. If Platform Security is unchecked the symmetric key is available in the property file and a warning message is displayed to the user.

## SMS Security Key

Specify the security key for the Encryption, here in this case it is 'oraclefinancials'.

## Distributed Schema

Select Distributed Schema as 'Yes'.

## MSG IN LOG Required

Select the from the drop down box if message in logging is required yes/no

## MSG OUT LOG Required

Select the from the drop down box if message out logging is required yes/no

**Note:** The Installer creates two files namely, 'gw\_ws\_logger.properties' and 'GW\_WS\_Prop.properties' in the path provided to save the files.

The following screen is displayed.



Oracle FLEXCUBE Universal Installer

**Oracle FLEXCUBE Investor Servicing** ORACLE

Installation Type

FC Home

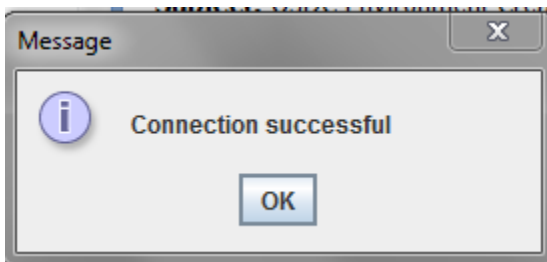
☒ EAR Build ☐ EAR Build Rolled-up

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

Enter the source path in FC Home and provide the SMS schema details for path installation.

On Click on Test Connection the following message will be displayed.



If connection is successful, click 'Next' to navigate to next screen.

Oracle FLEXCUBE Investor Servicing

ORACLE®

Property File Creation

Current screen provides an option for OFTW Details

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

Log

Back

Next

Exit

Click 'Next' to navigate to next screen.

Oracle FLEXCUBE Universal Installer

Oracle FLEXCUBE Investor Servicing

ORACLE®

Property File Creation

Specify the EJB Application Name

EJB Application Name

Please remember the EJB Application name , the same name has to be used while deploying the EJB.

Log

Back

Next

Exit

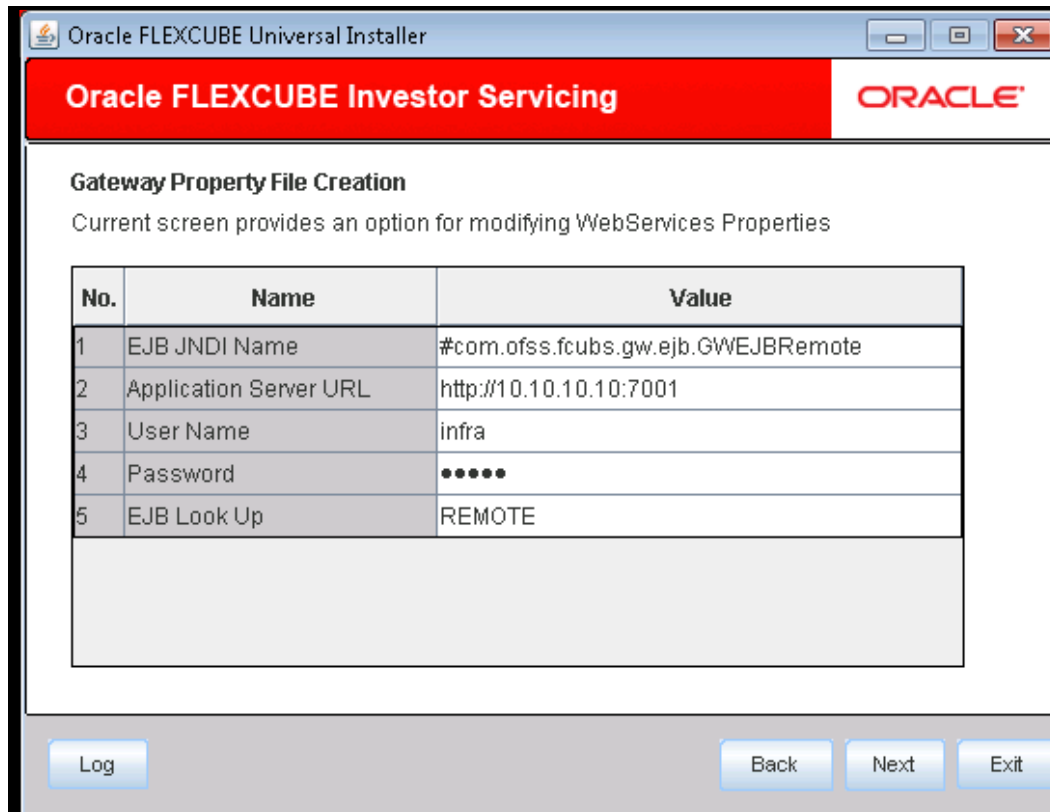
52. Specify the following details:

### EJB Application Name

Specify the name of the EJB application deployed.

E.g.: GWEJB

Click 'Next'. The following screen is displayed.



The screenshot shows the Oracle FLEXCUBE Universal Installer window. The title bar reads "Oracle FLEXCUBE Universal Installer". The main window has a red header bar with "Oracle FLEXCUBE Investor Servicing" and the Oracle logo. Below the header, the text "Gateway Property File Creation" is displayed, followed by "Current screen provides an option for modifying WebServices Properties". A table with 3 columns (No., Name, Value) contains 5 rows of properties. At the bottom, there are buttons for "Log", "Back", "Next", and "Exit".

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

53. Specify the following details:

### 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`'

E.g.: 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`'.

E.g.:

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

Or

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.

### **Application Server URL**

Specify the URL of the application server where the webservice application is hosted.

E.g.:

Weblogic:    <t3://10.10.10.10:7001>

Or

Websphere:    <iiop://10.10.10.10:2815>

### **User Name**

Specify the user name to access the application server where the EJB application is deployed.

E.g.: infra

### **Password**

54. Specify the password for the above user name.

### **ELB Look Type**

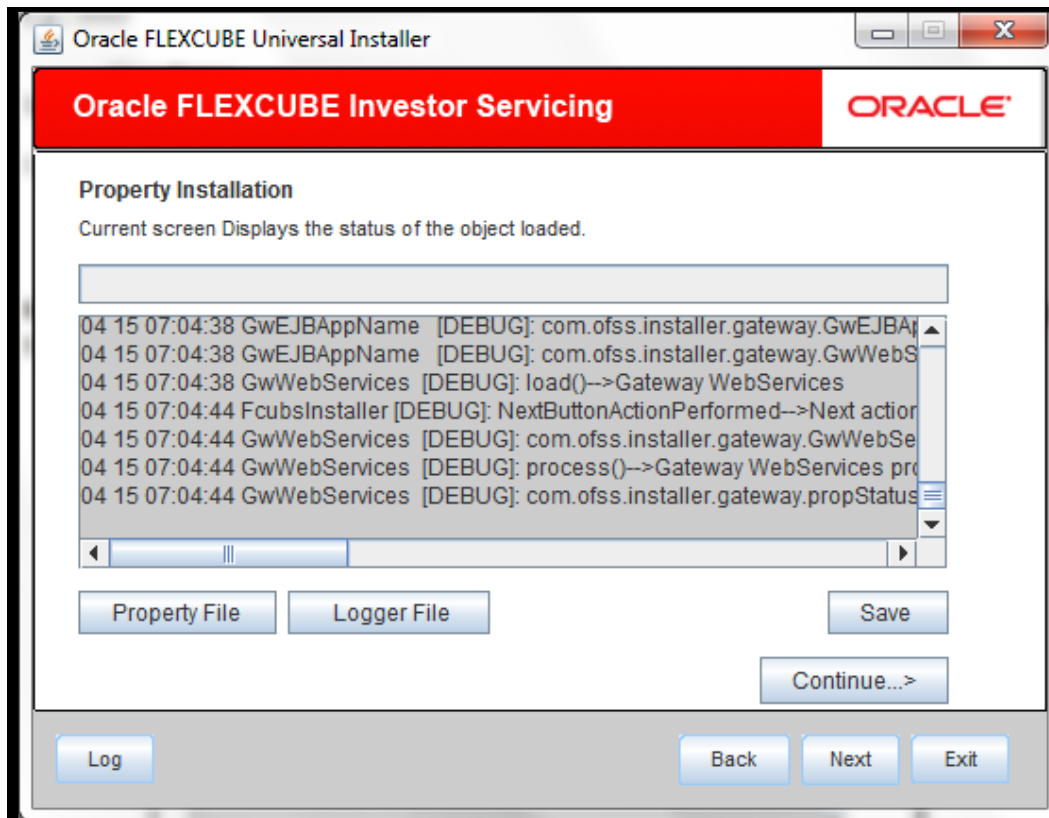
Select from the drop box, REMOTE/LOCAL.

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.

Click 'Next'. The following screen is displayed.



The property file will be created in a temporary folder.

55. Click 'Property File' to view the created property file.

56. Click 'Save' to save the created property file in desired location.

57. Click 'Continue' to continue the installation process with gateway application type.

58. Click 'Next' to navigate to the installer home screen.

This completes the property file creation for Gateway.



Setting up Property File  
[May] [2022]  
Version 14.5.4.0.0

Oracle Financial Services Software Limited  
Oracle Park  
Off Western Express Highway  
Goregaon (East)  
Mumbai, Maharashtra 400 063  
India

Worldwide Inquiries:  
Phone: +91 22 6718 3000  
Fax: +91 22 6718 3001  
[www.oracle.com/financialservices/](http://www.oracle.com/financialservices/)

Copyright © [2007], [2022], Oracle and/or its affiliates.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

**U.S. GOVERNMENT END USERS:** Oracle programs (including any operating system, integrated software, any programs embedded, installed or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software" or "commercial computer software documentation" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

This software or hardware and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.