

Oracle® Banking Corporate Lending

GATEWAY Property File Creation



Release 14.8.0.0.0

G29783-01

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ORACLE®

Oracle Banking Corporate Lending GATEWAY Property File Creation, Release 14.8.0.0.0

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1 Create Property File for Gateway Applications

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Preface

This topic contains the following sub-topics:

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

Purpose

This guide explains the steps to create the property file for the gateway components through Enterprise Java Bean (EJB), Message Driven Beans (MDB), Web Services, and Servlet. This guide helps the user with the installation of Oracle Banking Application.

Audience

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

Table 1 Audience

| Role | Function |
|----------------------------|---|
| Administrator | Who controls the system and application parameters and ensures smooth functionality and flexibility of the banking application. |
| Implementation team | Implementation of Oracle Banking Corporate Lending Solution |
| Pre-sales team | Install Oracle Banking Corporate Lending for demo purpose |
| Bank personnel | Who installs Oracle Banking Corporate Lending |

The user of this manual is expected to have basic understanding of Oracle Banking Application installation.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <https://www.oracle.com/corporate/accessibility/>.

Access to Oracle Support

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

Critical Patches

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

Diversity and Inclusion

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

Related Resources

For more information on any related features, refer to the following documents:

- Oracle Banking Corporate Lending User Guides.
- Oracle Banking Corporate Lending Installation Guides.

Conventions

The following text conventions are used in this document:

Table 2 Conventions

| 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. |
| <code>monospace</code> | 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 in this guide are as follows:

Table 3 Acronyms and Abbreviations

| Abbreviation | Description |
|--------------|---|
| CSF | Credential Store Framework |
| EAR | Enterprise Archive |
| EJB | Enterprise Java Bean |
| FCUBS | Oracle FLEXCUBE Universal banking Solutions |
| GW | Gateway |
| JDBC | Java Database Connectivity |
| JNDI | Java Naming and Directory Interface |
| LDAP | Lightweight Directory Access Protocol |
| MDB | Message Driven Beans |
| MSAD | Microsoft Active Directory |
| SSO | Single sign-on |

1

Create Property File for Gateway Applications

This topic contains the following sub-topic:

- [Create Property Files](#)
This topic explains systematic instructions to create the property file for the Gateway application.

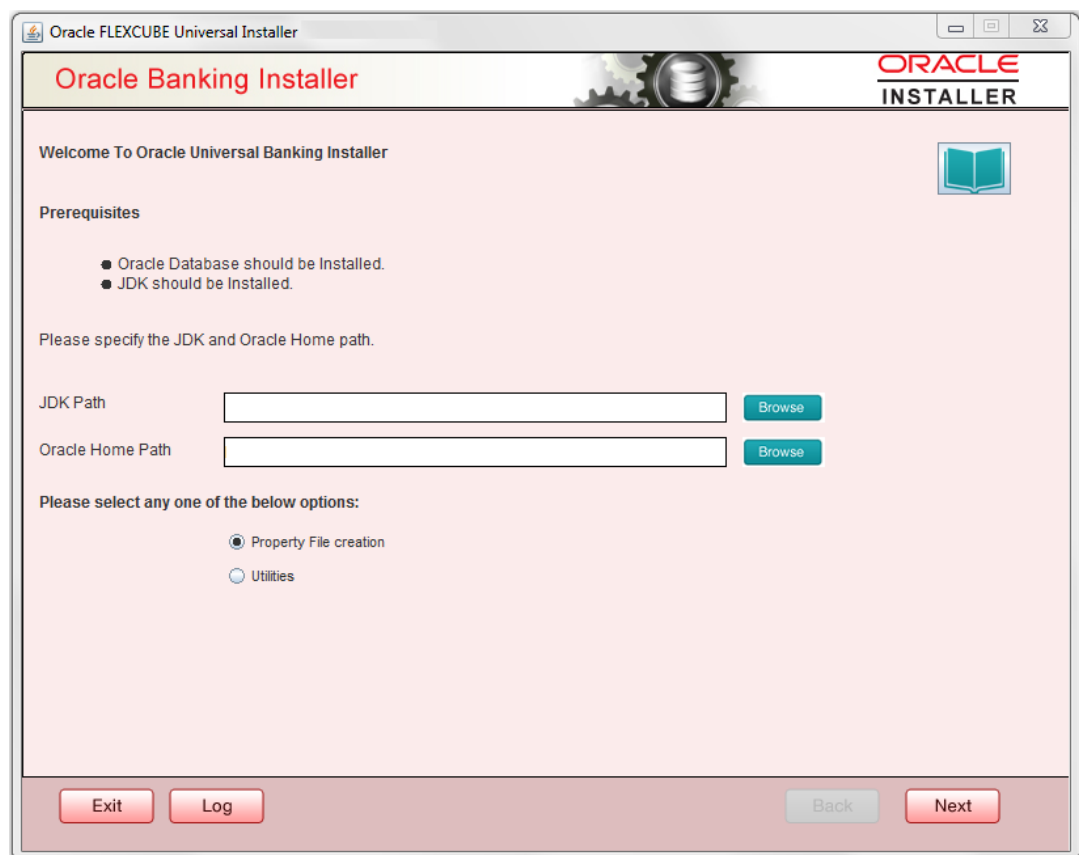
1.1 Create Property Files

This topic explains systematic instructions to create the property file for the Gateway application.

1. Click the **FCUBSInstaller.bat** to launch launch **Oracle Banking Installer** from the `INSTALLER\SOFT\GUI` folder path.

The **Welcome To Oracle FLEXCUBE Universal Banking Installer** screen displays.

Figure 1-1 Welcome To Oracle Universal Banking Installer



2. On the **Welcome To Oracle FLEXCUBE Universal Banking Installer** screen, click **Browse**, and specify the **JDK Path** and **Oracle Home Path**.

3. On the **Welcome To Oracle FLEXCUBE Universal Banking Installer** screen, select the **Property File Creation** option, and click **Next**.

The **Select One of the Components** screen displays.

Figure 1-2 Select One of the Components

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

Oracle Banking Installer **ORACLE INSTALLER**

Select one of the Components

Load Existing Property File

☐ INFRA ☐ Scheduler ☒ Gateway ☐ Switch Interface Installation

Select Oracle Product Processors

☒ Oracle FLEXCUBE Universal Banking

☐ Oracle FLEXCUBE Enterprise Limits and Collateral Management (CO-DEPLOY)

☐ Oracle Banking Payments

☐ Oracle Banking Corporate Lending ☐ Open Development Tool

☐ Oracle Banking Treasury ☐ Oracle FLEXCUBE Universal Banking for JAPAN

☐ Oracle Banking Trade Finance

Select Plugins to be Installed

Host Address 10.10.10.10 1010 ☐ Origination ☐ Scheduler

☐ Reports 10.10.10.10 1010 ☐ SIANET Adapter

☐ DMS 10.10.10.10 1010 ☐ Insulation ☐ External Adapter required

4. Select the **Gateway** component, and click **Next**.

The **Environment Details** screen displays.

Figure 1-3 Environment Details

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

Oracle Banking Installer **ORACLE INSTALLER**

Provide Environment details.

EAR Name:

File Separator Style:

Application Server:

☐ OBMA PP Installed

Application Server Path:

Source Path:

Ear Destination Path:

Cookie-Name (JSESSION_ID):

5. Specify the **EAR Name**, **Application Server Path**, **Source Path**, and **EAR destination path**, and then click **Next**.

The **Gateway Property File Creation** screen displays.

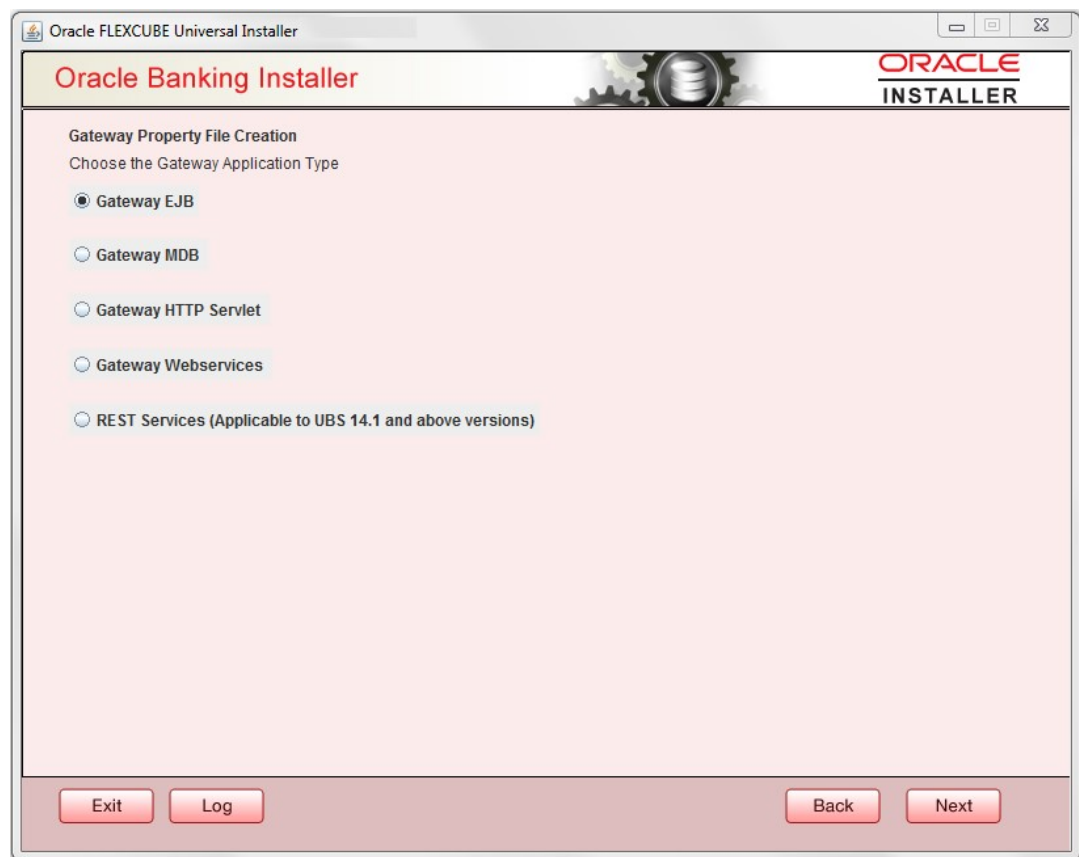
- [Gateway EJB Application](#)
This topic explains systematic instructions to create a property file by choosing Gateway EJB as the application type.
- [Gateway MDB Application](#)
This topic provides systematic instructions to create a Property File by choosing Gateway MDB Application as the application type.
- [Gateway HTTP Servlet Application](#)
This topic explains systematic instructions to create a property file through the Gateway HTTP Servlet application type.
- [Gateway Webservices Application](#)
This topic explains systematic instructions to create a property file through the Gateway Webservices application type.
- [REST Services Application](#)
This topic explains systematic instructions to create a property file through the REST Services application.

1.1.1 Gateway EJB Application

This topic explains systematic instructions to create a property file by choosing Gateway EJB as the application type.

1. On the **Gateway Property File Creation** screen, select **Gateway EJB** application type.

Figure 1-4 Gateway Property File Creation



2. Click **Next**.
The **Multi Entity Names** screen displays.

Figure 1-5 Multi Entity Names

For more information, refer to the fields description table.

Table 1-1 Multi Entity Names - Field Description

| Field | Description |
|-----------------------------|--|
| MultiEntity Required | Check the MultiEntity Required box to enable the multi-entity deployment. This will enable + and - for capturing the Entity Name . |
| + | Click + to add a new row for capturing the new entity name. |
| - | Select the entity name and click - for deletion of the existing entity name. |
| Entity Name | Enter the entity name as a single word. For example, ENTITY1 |

3. Click **Next**.

The **Property File Creation** screen displays.

Figure 1-6 Property File Creation

The screenshot shows the 'Oracle FLEXCUBE Universal Installer' window with the 'Oracle Banking Installer' title bar. The main window has a header with the Oracle logo and 'INSTALLER'. The title of the current screen is 'Property File Creation'. Below the title, a message states: 'Current screen provides an option for Enabling Single Sign on'. There are two input fields: 'SSO Required' with a checked checkbox, and 'SSO KEY' with a text box containing 'DN'. Below these, there is a section for 'Authentication details maintained external to FLEXCUBE'. It includes 'External Password Required' (unchecked), 'External User Login Required' (unchecked), and 'Authentication Type' (a dropdown menu showing 'MSAD'). A large text area at the bottom contains detailed instructions in red text: 'With this property a user logs in once and gains access to all systems without being prompted to log in again at each of them. Conversely, Single sign-off is the property whereby a single action of signing out terminates access to multiple software systems. This screen provides an option for External Authentication. If External Authentication is not required, keep the all options unchecked and Click on Next.', 'MSAD/LDAP User Login Required: User can login with MSAD/LDAP user ID as well as FCUBS user ID.', '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 are four buttons: 'Exit', 'Log', 'Back', and 'Next'.

Oracle FLEXCUBE Universal Installer

Oracle Banking Installer

**ORACLE
INSTALLER**

Property File Creation

Current screen provides an option for Enabling Single Sign on

SSO Required ☒

SSO KEY

Authentication details maintained external to FLEXCUBE

External Password Required ☐ Authentication Type

External User Login Required ☐

With this property a user logs in once and gains access to all systems without being prompted to log in again at each of them. Conversely, Single sign-off is the property whereby a single action of signing out terminates access to multiple software systems. This screen provides an option for External Authentication. If External Authentication is not required, keep the all options unchecked and Click on Next.

MSAD/LDAP User Login Required: User can login with MSAD/LDAP user ID as well as FCUBS user ID.

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.

Exit Log Back Next

Figure 1-7 Property File Creation -Authendication details

Oracle FLEXCUBE Universal Installer

Oracle Banking Installer

Property File Creation

Current screen provides an option for Enabling Single Sign on

SSO Required ☐

SSO KEY

Authentication details maintained external to FLEXCUBE

External Password Required ☒ Authentication Type MSAD

External User Login Required ☒ MSAD

LDAP

With this property a user logs in once and gains access to all systems without being prompted to log in again at each of them. Conversely, Single sign-off is the property whereby a single action of signing out terminates access to multiple software systems. This screen provides an option for External Authentication. If External Authentication is not required, keep the all options unchecked and Click on Next.

MSAD/LDAP User Login Required: User can login with MSAD/LDAP user ID as well as FCUBS user ID.

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.

Exit Log Back Next

For more information, refer to the fields description table.

Table 1-2 Property File Creation - Field Description

| Field | Description |
|-------------------------------------|---|
| SSO Required | Check this box to enable single sign-on (SSO). If you check this box, specify the SSO Key . |
| SSO Key | Specify the SSO Key . If you have checked the box SSO Required , it is mandatory to specify the SSO key. If you have checked the box SSO Required , then the Installer will skip the following two screens and will directly navigate to the SSL screen shown below in this manual. If you have not checked the box SSO Required , then click Next . |
| External User Login Required | Check this box to enable user login using MSAD (Microsoft Active Directory)/LDAP (Lightweight Directory Access Protocol) user ID. Note: If you check this box, the user can log in with MSAD/LDAP server user ID as well as FCUBS user ID. If you do not check this box, the user can log in using Oracle FLEXCUBE Universal Banking User ID only. |

Table 1-2 (Cont.) Property File Creation - Field Description

| Field | Description |
|-----------------------------------|---|
| External Password Required | Check this box to allow user login using MSAD/LDAP password irrespective of the user ID. If you check this box, the user can log in using MSAD/LDAP server password only. The user ID can be one of the following: <ul style="list-style-type: none">• MSAD/LDAP user ID• FCUBS 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. |
| Authentication Type | Select the authentication type. This is the type of external server that is used. Select one of the following options: <ul style="list-style-type: none">• MSAD (Microsoft Active Directory)• LDAP (Lightweight Directory Access Protocol) The default option is MSAD , and this can be modified. |

If you checked the boxes (External User Login Required and External Password Required, then the installer navigates to the following screen.

4. Click **Next**.

The **Property File Creation** screen displays.

Figure 1-8 Property File Creation - LDAP Server Details

The screenshot shows the 'Oracle FLEXCUBE Universal Installer' window. The title bar says 'Oracle FLEXCUBE Universal Installer'. The main window has a header with 'Oracle Banking Installer' and the 'ORACLE INSTALLER' logo. Below the header, the text 'Property File Creation' and 'LDAP Server Details for Gateway' is displayed. A table with 3 columns (No., Name, Value) contains the following data:

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

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

For more information, refer to the fields description table.

Table 1-3 LDAP Server Details

| Field | Description |
|-------------------------------------|---|
| 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 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: <ul style="list-style-type: none">• Simple• Strong Notes: <ul style="list-style-type: none">• Different servers support different authentication mechanisms.• By default, the security authentication type is Simple. However, the user 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 is infinite until it is received. By default, the LDAP server timeout is zero, However, you can change this. |

5. Click **Next**.

The **Property File Creation** screen displays.

Figure 1-9 Property File Creation

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

Oracle Banking Installer

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

XSD Path: /Kernel11.1/GW_EJB/XSD/

Logger File: /Kernel11.1/GW_EJB/config/gw_ejb_logger.properties

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

Security Key for Encryption: oraclefinancials

SMS Pool Name: jdbc/fcdevDSSMS

DataSource: FLEXTEST.WORLD

☐ POSS DataSource ☒ OPSS CSF Available

POSS DataSource: FOSSTEST.WORLD

Distributed Schema: No

MSG IN log Required: No

MSG OUT log Required: No

☐ Integration with CN Logger

Exit Log Back Next

For more information, refer to the fields description table.

Table 1-4 Property File Creation - Field Description

| Field | Description |
|--------------------|--|
| XSD Path | Specify the path to the XSD file. The file name is not required. File separator must be <code>/</code> . There must be a <code>/</code> at the end. All the relevant XSD files must be manually copied to this location. For example, <ul style="list-style-type: none"> For Windows - <code>D:\Kernel11.1\GW_EJB\XSD\</code> For Linux - <code>/Kernel11.1/GW_EJB/XSD/</code> |
| 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. For example, <ul style="list-style-type: none"> For Windows - <code>D:\Kernel11.1\GW_EJB\config\gw_ejb_logger.properties</code> For Linux - <code>/Kernel11.1/GW_EJB/config/gw_ejb_logger.properties</code> |
| Debug Path | Specify the path to the folder where the application creates the logs. There must be a <code>/</code> at the end. You need to manually create the folder structure. For example, <ul style="list-style-type: none"> For Windows - <code>D:\Kernel11.1\GW_EJB\log\</code> For Linux - <code>/Kernel11.1/GW_EJB/log/</code> |

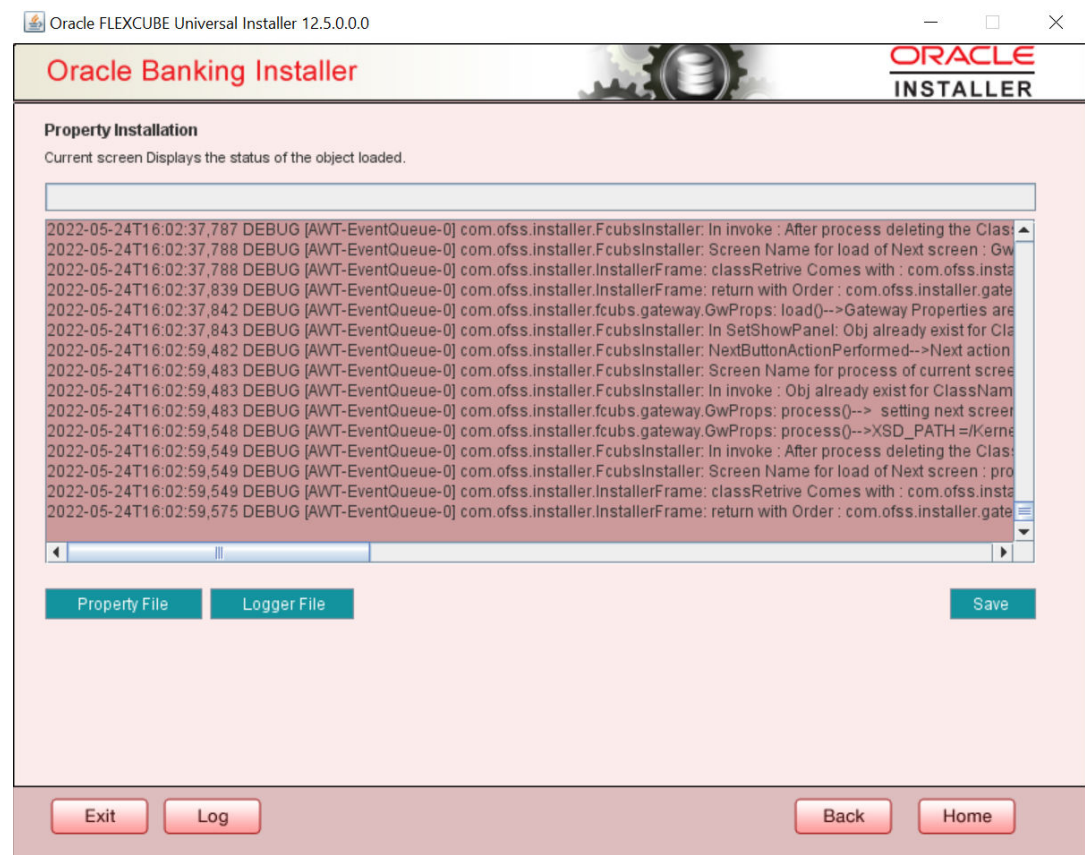
Table 1-4 (Cont.) Property File Creation - Field Description

| Field | Description |
|------------------------------------|---|
| Security Key for Encryption | Specify the security key for the encryption. Here, in this case, it is oraclefinancials . |
| SMS Pool Name | Specify SMS Pool name. Here, in this case, it is jdbc/fcdevDSSMS . |
| DataSource | The JDBC data source is an object bound to the 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, specify the POSS datasource name in the field below this. |
| OPSS CSF Available | Indicates whether OPSS-CSF is installed or not. Note: Select this only if Oracle Platform Security Services - Credential Store Framework (CSF) is installed as per the guidelines in the pre-requisite document. It is recommended that you install CSF for safeguarding application-specific security credentials. |
| Distributed Schema | <ul style="list-style-type: none"> If the schema is distributed, select Yes. If the schema is not distributed, select No. |
| MSG IN LOG Required | Select Yes or No from the drop-down. |
| MSG OUT LOG Required | Select Yes or No from the drop-down. |

6. Click **Next**.

The **Property Installation** screen displays.

Figure 1-10 Property Installation



The property file will be created in a temporary folder.

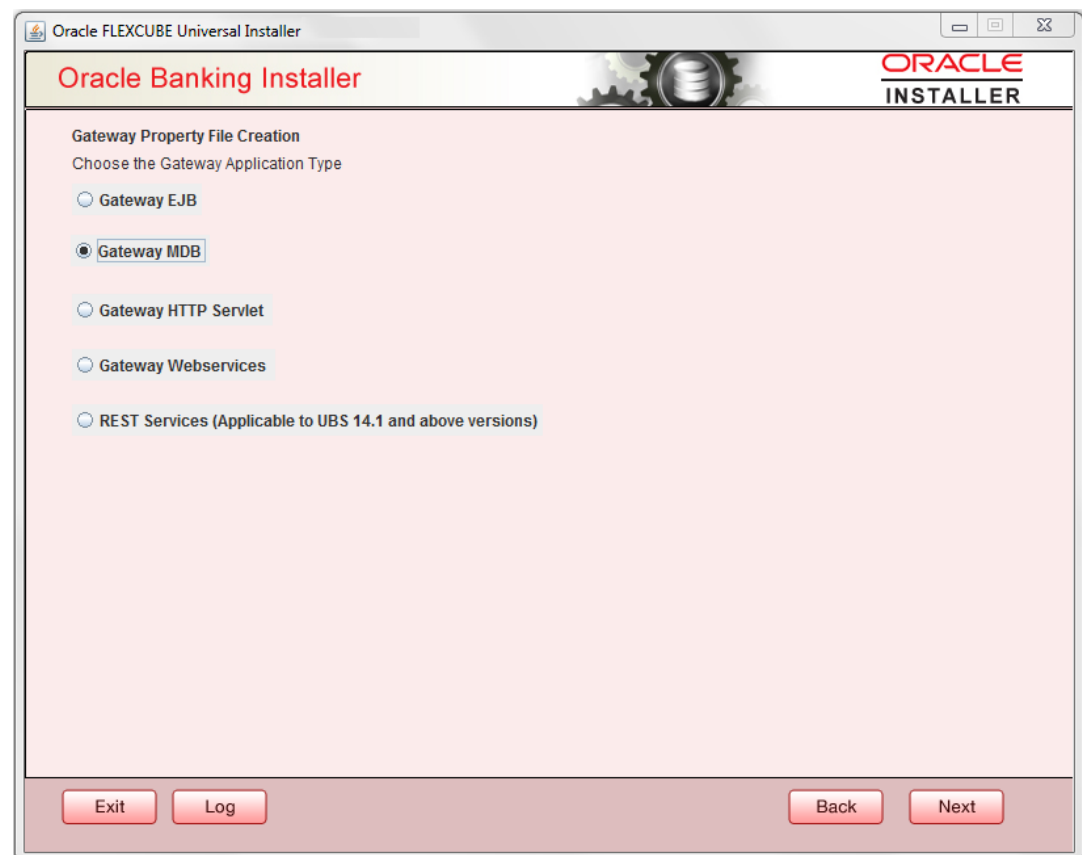
7. Click **Property File** to view the created property file.
8. Click **Save** to save the created property file in the desired location.

1.1.2 Gateway MDB Application

This topic provides systematic instructions to create a Property File by choosing Gateway MDB Application as the application type.

1. On the **Gateway Property File Creation** screen, select **Gateway MDB** application type.

Figure 1-11 Gateway Property File Creation



2. Click **Next**.
The **Multi Entity Names** screen displays.

Figure 1-12 Multi Entity Names

For more information, refer to the fields description table.

Table 1-5 Multi Entity Names - Field Description

| Field | Description |
|-----------------------------|--|
| MultiEntity Required | Select the MultiEntity Required check box for enabling the multi-entity deployment. This will enable + and - for capturing the entity name. |
| + | Click + to add a new row for capturing the new entity name. |
| - | Select the entity name and click -, the deletion of the existing entity name will be done. |
| Entity Name | Specify the entity name as a single word. For example, ENTITY1 |

3. Click **Next**.

The **Property File Creation** screen displays.

Figure 1-13 Property File Creation

Oracle FLEXCUBE Universal Installer

Oracle Banking Installer

Property File Creation
Current screen provides an option for Enabling Single Sign on

SSO Required ☒

SSO KEY

Authentication details maintained external to FLEXCUBE

External Password Required ☐ Authentication Type

External User Login Required ☐

With this property a user logs in once and gains access to all systems without being prompted to log in again at each of them. Conversely, Single sign-off is the property whereby a single action of signing out terminates access to multiple software systems. This screen provides an option for External Authentication. If External Authentication is not required, keep the all options unchecked and Click on Next.

MSAD/LDAP User Login Required: User can login with MSAD/LDAP user ID as well as FCUBS user ID.

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.

Exit Log Back Next

Figure 1-14 Property File Creation - Authentication Type

Oracle FLEXCUBE Universal Installer

Oracle Banking Installer ORACLE INSTALLER

Property File Creation
Current screen provides an option for Enabling Single Sign on

SSO Required ☐

SSO KEY

Authentication details maintained external to FLEXCUBE

External Password Required ☒ Authentication Type MSAD

External User Login Required ☒ MSAD

LDAP

With this property a user logs in once and gains access to all systems without being prompted to log in again at each of them. Conversely, Single sign-off is the property whereby a single action of signing out terminates access to multiple software systems. This screen provides an option for External Authentication. If External Authentication is not required, keep the all options unchecked and Click on Next.

MSAD/LDAP User Login Required: User can login with MSAD/LDAP user ID as well as FCUBS user ID.

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.

Exit Log Back Next

For more information, refer to the fields description table.

Table 1-6 Property File Creation - Field Description

| Field | Description |
|-------------------------------------|---|
| SSO Required | Select this box to enable single sign-on (SSO). If you check this box, specify the SSO Key. |
| SSO Key | Specify the SSO key. If you have checked the box SSO Required , it is mandatory to specify the SSO key. If you have not checked the box SSO Required , then the Installer will skip the following two screens and will directly navigate to the Modifying the Gateway properties screen. |
| 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 log in with MSAD/LDAP server user ID as well as using OBCL user ID. If you do not check this box, the user can login using OBCL user ID only. |

Table 1-6 (Cont.) Property File Creation - Field Description

| Field | Description |
|-----------------------------------|---|
| External Password Required | <p>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.</p> <p>Notes:</p> <ul style="list-style-type: none"> If you check this box, the user ID can be either MSAD/LDAP user ID or the FCUBS user ID, and the password can be MSAD/LDAP server password only. If you do not check this box, then the installer skips the following screen and directly navigates to the Modifying Gateway Properties screen. <p>The field Authentication Type is enabled if one of the check boxes (External Password Required or External User Login Required) is selected.</p> |
| Authentication Type | <p>Select the authentication type from the drop-down list. This is the type of external server that is used. Select one of the following options -</p> <ul style="list-style-type: none"> MSAD (Microsoft Active Directory) LDAP (Lightweight Directory Access Protocol) <p>The default option is MSAD. However, you can change this.</p> |

4. Click **Next**.

The **Property File Creation** screen displays.

Figure 1-15 Property File Creation - LDAP Server Details

The screenshot shows the 'Oracle FLEXCUBE Universal Installer' window with the 'Oracle Banking Installer' title bar. The main window is titled 'Property File Creation' and 'LDAP Server Details for Gateway'. It contains a table with 5 rows and 3 columns: No., Name, and Value.

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

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

For more information, refer to the fields description table.

Table 1-7 LDAP server details.

| Field | Description |
|-------------------------------------|---|
| 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 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 - <ul style="list-style-type: none">• Simple• Strong Notes: <ul style="list-style-type: none">• 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, 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. |

5. Click **Next**.

The **Property File Creation** screen displays.

Figure 1-16 Property File Creation

Oracle Banking Installer

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

XSD Path: /Kernel11.1/GW_EJB/XSD/

Logger File: /Kernel11.1/GW_EJB/config/gw_ejb_logger.properties

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

Security Key for Encryption: oraclefinancials

SMS Pool Name: jdbc/fc/devDSSMS

DataSource: FLEXTEST.WORLD

☐ POSS DataSource ☒ OPSS CSF Available

POSS DataSource: FOSSTEST.WORLD

Distributed Schema: No

MSG IN log Required: No

MSG OUT log Required: No

☐ Integration with CN Logger

Exit Log Back Next

For more information, refer to the fields description table.

Table 1-8 Property File Creation - Field Description

| Field | Description |
|--------------------|---|
| XSD Path | Specify the path to the XSD file. The 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. For example, <ul style="list-style-type: none"> For Windows - D:\Kernel11.1\GW_MDB\XSD\ For Linux - /Kernel11.1/GW_MDB/XSD/ |
| Logger File | Specify the path to the gw_mdb_logger.properties file with the file name. The file must be manually copied to the specified location. For example, <ul style="list-style-type: none"> For Windows - D:\Kernel11.1\GW_MDB\config\gw_mdb_logger.properties For Linux - /Kernel11.1/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. For example, <ul style="list-style-type: none"> For Windows - D:\Kernel11.1\GW_MDB\log\ For Linux - /Kernel11.1/GW_MDB/log/ |

Table 1-8 (Cont.) Property File Creation - Field Description

| Field | Description |
|------------------------------------|---|
| Security Key for Encryption | Specify the security key for the encryption. Here, in this case, it is oraclefinancials . |
| SMS Pool Name | Specify SMS pool name. Here, in this case, it is jdbc/fcjdevDSSMS . |
| DataSource | The JDBC data source is an object bound to the JNDI tree and provides database connectivity through a pool of JDBC connections. |
| POSS Datasource | Select this checkbox if POSS is required. If you select this checkbox, specify the POSS Datasource name in the field below this. |
| OPSS CSF Available | Indicates whether OPSS-CSF is installed or not. Note: Select this only if Oracle Platform Security Services - Credential Store Framework (CSF) is installed as per the guidelines in the pre-requisite document. It is recommended that you install CSF for safeguarding application-specific security credentials. |
| Distributed Schema | <ul style="list-style-type: none"> If the schema is distributed, select Yes. If the schema is not distributed, select No. |

6. Click **Next**.

The **Gateway Property File Creation** screen displays.

Figure 1-17 Gateway Property File Creation

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Oracle Banking Installer **ORACLE INSTALLER**

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

| 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 | |

Exit Log Back Next

For more information, refer to the fields description table.

Table 1-9 Gateway Property File Creation - Field Description

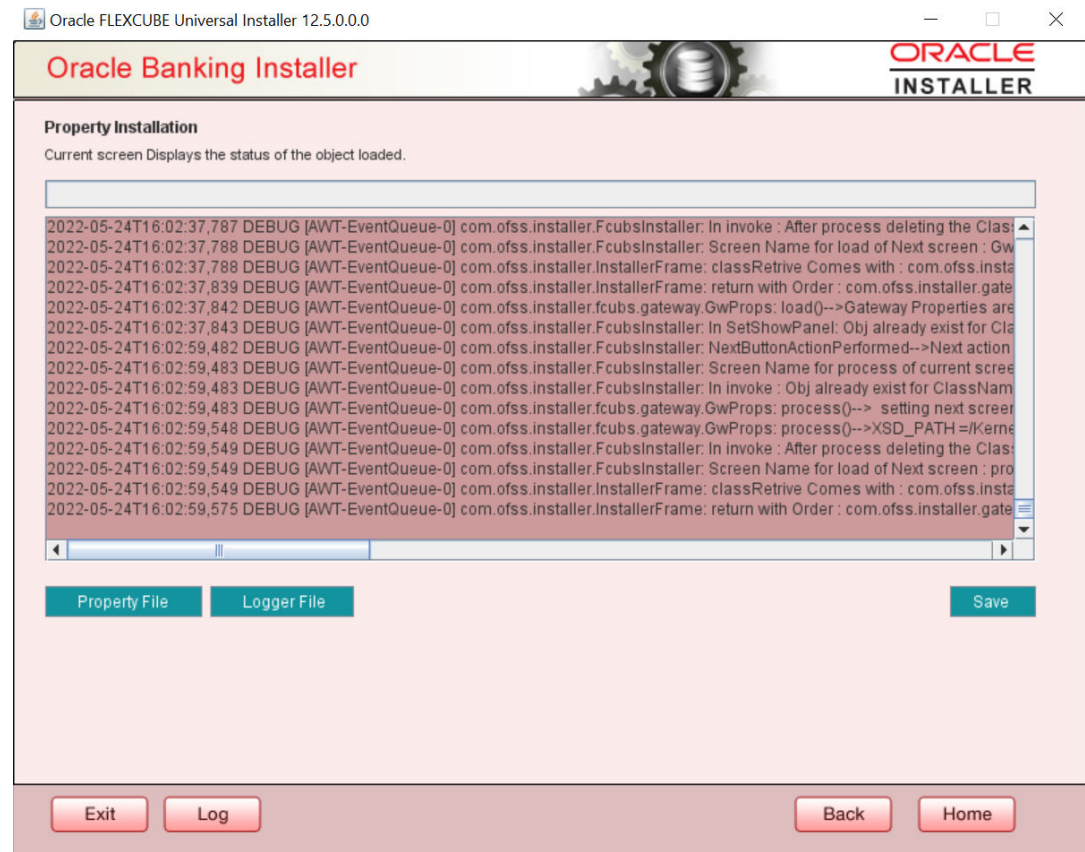
| Field | Description |
|---------------------------|--|
| Request Queue | Specify the request queue. This is the point-to-point destination type used for asynchronous peer communication. For example, MDB_QUEUE |
| Response Queue | Specify the response queue name. For example, MDB_QUEUE_RESPONSE |
| DL Queue | Specify the dead letter queue name. For example, MDB_QUEUE_DLQ Refer to the <i>Resources To Be Created</i> guide for the creation of queues. |
| Connection Factory | Specify the connection configuration parameters to create connections for JMS clients. For example, MDBQCF |
| Secure Queue | Check this box if the Caller ID and Caller Password values have to be entered. |

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

7. Click **Next**.

The **Property Installation** screen displays.

Figure 1-18 Property Installation



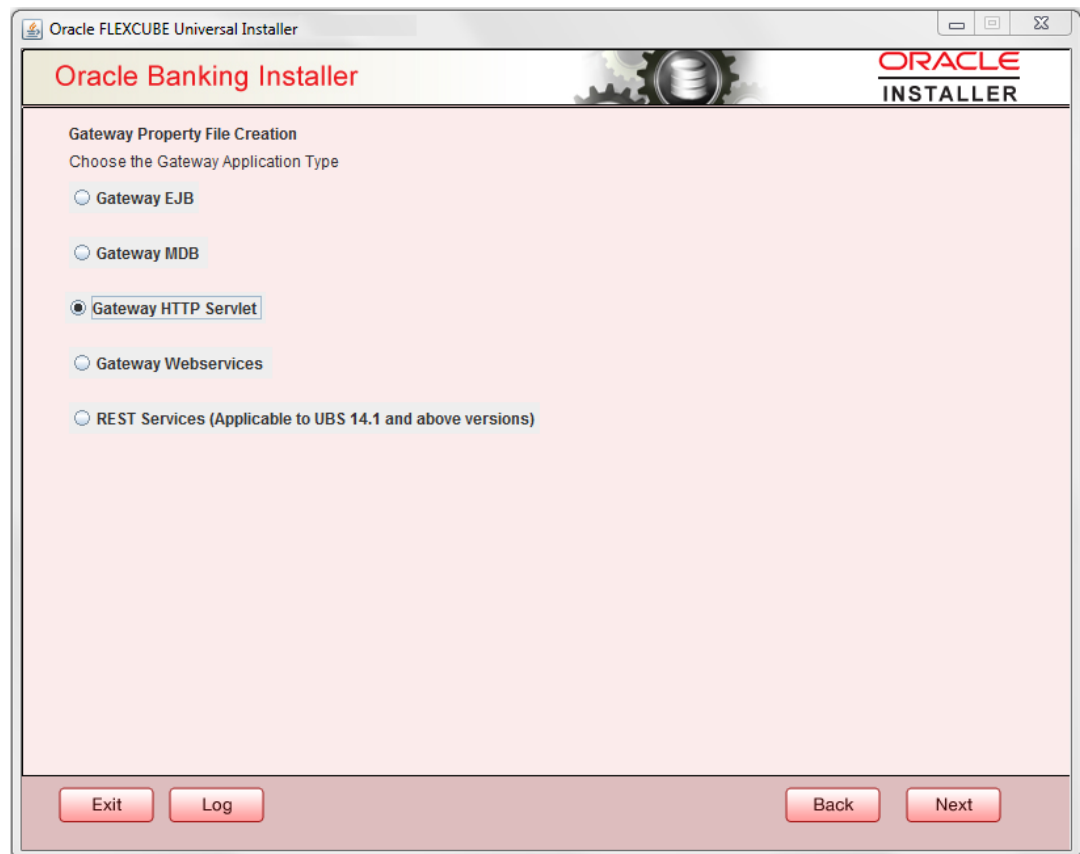
8. Click **Property File** to view the created property file.
9. Click **Save** to save the created property file in the desired location.

1.1.3 Gateway HTTP Servlet Application

This topic explains systematic instructions to create a property file through the Gateway HTTP Servlet application type.

1. On the **Gateway Property File Creation** screen, select **Gateway HTTP Servlet** application type.

Figure 1-19 Gateway Property File Creation



2. Click **Next**.
The **Multi Entity Names** screen displays.

Figure 1-20 Multi Entity Names

Oracle FLEXCUBE Universal Installer

Oracle Banking Installer

ORACLE
INSTALLER

Multi Entity Names

Provide Entity Names

MultiEntity Required ☒

| S.No | Entity Name |
|------|-------------|
| 1 | |

Exit Log Back Next

For more information, refer to the fields description table.

Table 1-10 Multi Entity Names - Field Description

| Field | Description |
|-----------------------------|--|
| MultiEntity Required | Select the MultiEntity Required checkbox for enabling the multi-entity deployment. After selecting this checkbox, +, - icons will be enabled for capturing the entity name. |
| + | Click + to add a new row for capturing the new entity name. |
| - | Select the entity name and click -, the deletion of the existing entity name will be done. |
| Entity Name | Enter the entity name as a single word. For example, ENTITY1 |

3. Click **Next**.

The **Property File Creation** screen displays.

Figure 1-21 Property File Creation

Oracle Banking Installer

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

XSD Path: /Kernel11.1/GW_EJB/XSD/

Logger File: /Kernel11.1/GW_EJB/config/gw_ejb_logger.properties

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

Security Key for Encryption: oraclefinancials

SMS Pool Name: jdbc/fcjddevDSSMS

DataSource: FLEXTTEST.WORLD

☐ POSS DataSource ☒ OPSS CSF Available

POSS DataSource: FOSSTTEST.WORLD

Distributed Schema: No

MSG IN log Required: No

MSG OUT log Required: No

☐ Integration with CN Logger

Exit Log Back Next

For more information, refer to the fields description table.

Table 1-11 Property File Creation - Field Description

| Field | Description |
|--------------------|--|
| XSD Path | Specify the path to the XSD file. The file name is not required. File separator must be a /. There must be a / at the end. All the relevant XSD files must be manually copied to this location. For example, <ul style="list-style-type: none"> For Windows - D:\Kernel11.1\GW_HTTP\XSD\ For Linux - /Kernel11.1/GW_HTTP/XSD/ |
| Logger File | Specify the path to the gw_http_logger.properties file with the file name. The file must be manually copied to the specified location. For example, <ul style="list-style-type: none"> For Windows - D:\Kernel11.1\GW_HTTP\config\gw_http_logger.properties For Linux - /Kernel11.1/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. For example, <ul style="list-style-type: none"> For Windows - D:\Kernel11.1\GW_HTTP\log\ For Linux - /Kernel11.1/GW_HTTP/log/ |

Table 1-11 (Cont.) Property File Creation - Field Description

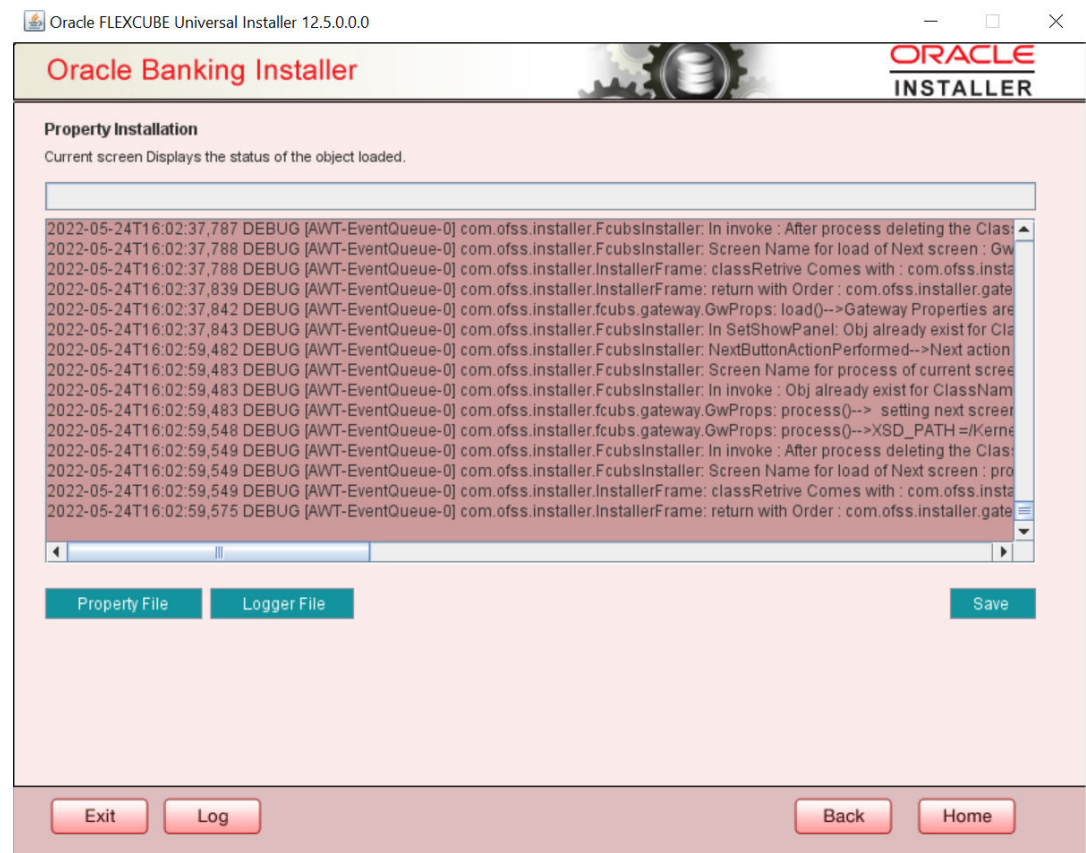
| Field | Description |
|------------------------------------|---|
| Security Key for Encryption | Specify the security key for the encryption. Here, in this case, it is oraclefinancials . |
| SMS Pool Name | Specify SMS Pool Name. Here, in this case, it is jdbc/fcjddevDSSMS . |
| DataSource | The JDBC data source is an object bound to the 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, specify the POSS Datasource Name in the field below this. |
| OPSS Available | Indicates whether OPSS-CSF is installed or not. Note: Select this only if Oracle Platform Security Services - Credential Store Framework (CSF) is installed as per the guidelines in the pre-requisite document. It is recommended that you install CSF for safeguarding application-specific security credentials. |
| Distributed Schema | <ul style="list-style-type: none"> If the schema is distributed, select Yes. If the schema is not distributed, select No. |

The Installer creates two files viz. **gw_http_logger.properties** and **GW_HTTP_Prop.properties** in the path provided to save the files.

4. Click **Next**.

The **Property Installation** screen displays.

Figure 1-22 Property Installation



The property file will be created in a temporary folder.

5. Click **Property File** to view the created property file.
6. Click **Save** to save the created property file in the desired location.

The property file will be created in a specified folder.

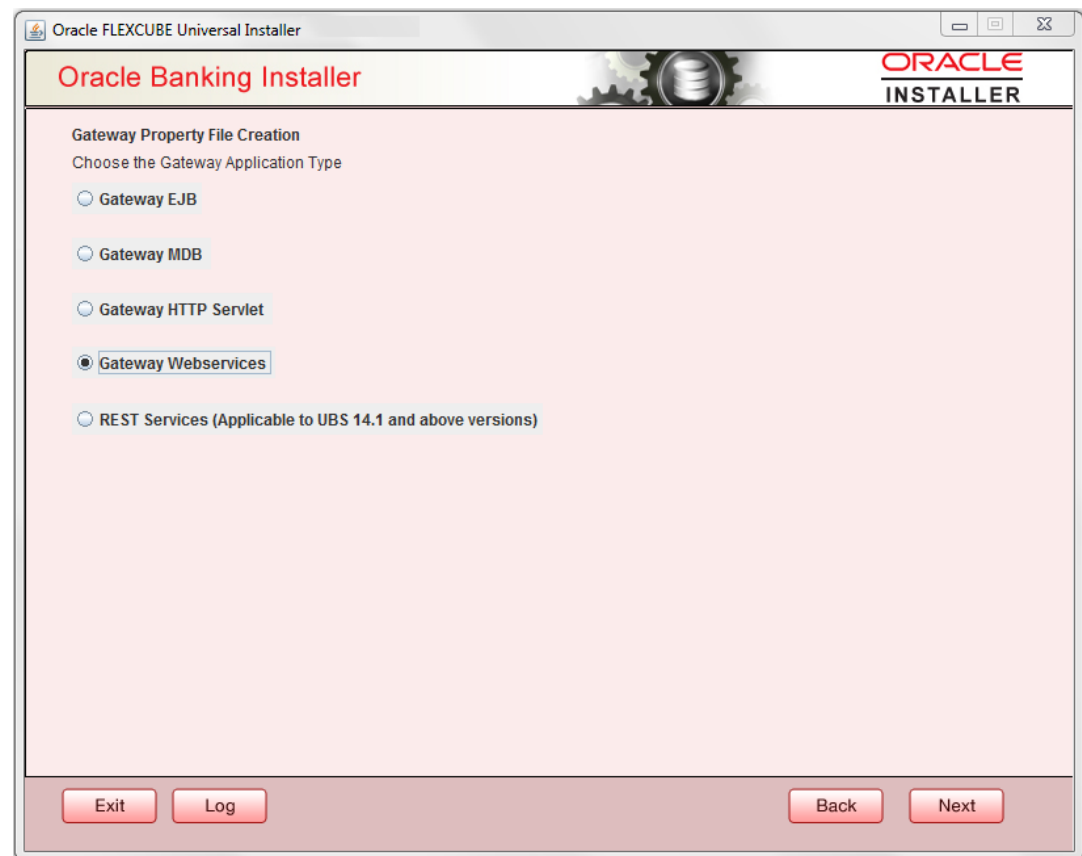
For Gateway EAR Building, refer to the *Installer EAR Building* user guide.

1.1.4 Gateway Webservices Application

This topic explains systematic instructions to create a property file through the Gateway Webservices application type.

1. On the **Gateway Property File Creation** screen, select **Gateway Webservices** application type.

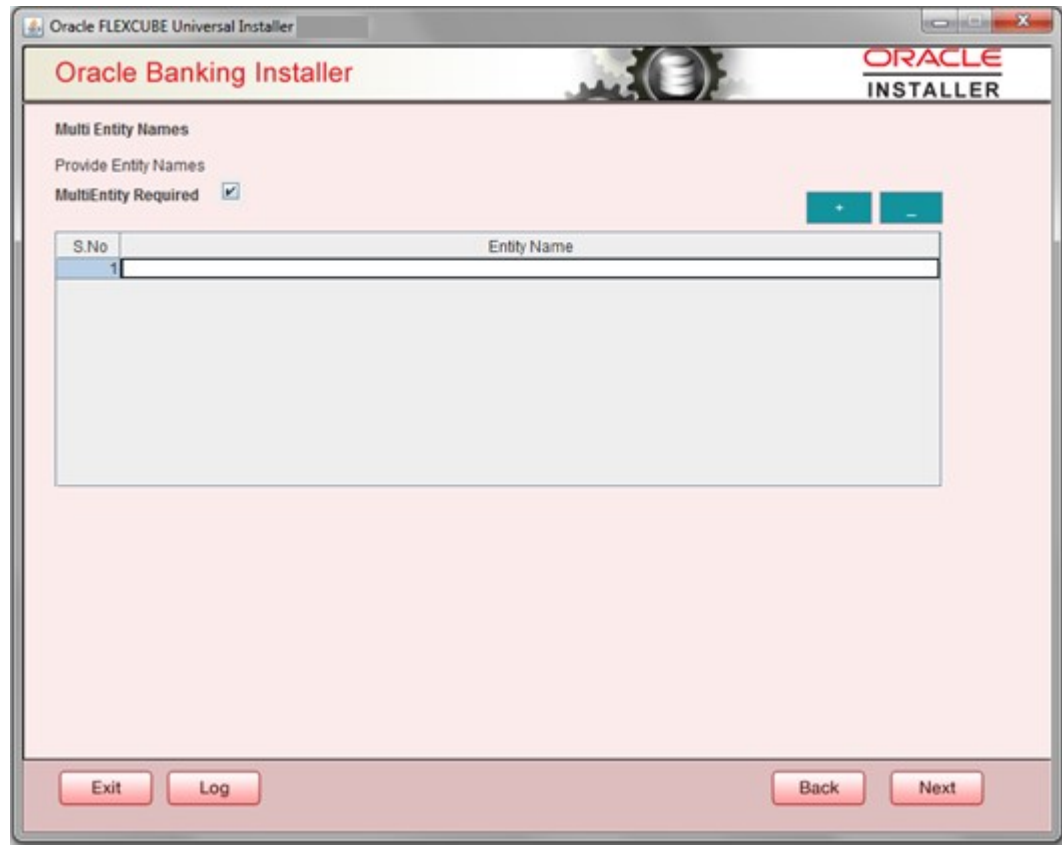
Figure 1-23 Gateway Property File Creation



2. Click **Next**.

The **Multi Entity Names** screen displays.

Figure 1-24 Multi Entity Names



For more information, refer to the fields description table.

Table 1-12 Multi Entity Names - Field Description

| Field | Description |
|-----------------------------|--|
| MultiEntity Required | Select the MultiEntity Required checkbox for enabling the multi-entity deployment. After selecting this checkbox, the + and - icons will be enabled for capturing the entity name. |
| + | Click + to add a new row for capturing the new entity name. |
| - | Select the entity name and click -, the deletion of the existing entity name will be done. |
| Entity Name | Specify the entity name as a single word. For example, ENTITY1 |

3. Click **Next**.

The **Property File Creation** screen displays.

Figure 1-25 Property File Creation

Oracle Banking Installer

Property File Creation
Current screen provides an option for Enabling Single Sign on

SSO Required ☒

SSO KEY

Authentication details maintained external to FLEXCUBE

External Password Required ☐ Authentication Type

External User Login Required ☐

With this property a user logs in once and gains access to all systems without being prompted to log in again at each of them. Conversely, Single sign-off is the property whereby a single action of signing out terminates access to multiple software systems. This screen provides an option for External Authentication. If External Authentication is not required, keep all options unchecked and Click on Next.

MSAD/LDAP User Login Required: User can login with MSAD/LDAP user ID as well as FCUBS user ID.

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.

Exit Log Back Next

Table 1-13 Property File Creation - Field Description

| Field | Description |
|-------------------------------------|--|
| SSO Required | Select this checkbox to enable single sign-on (SSO). If you select this checkbox, you must specify the SSO Key. |
| SSO Key | Specify the SSO key. If you have checked the box SSO Required , it is mandatory to specify the SSO key. If you have checked the box SSO Required , then the installer will skip the following two screens and will directly navigate to the SSL screen shown below in this manual. If you have not checked the box SSO Required , then click Next . The following screen is displayed. |
| 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 log in with MSAD/LDAP server user ID as well as OBCL user ID. If you do not check this box, the user can login using OBCL user ID only. |

Table 1-13 (Cont.) Property File Creation - Field Description

| Field | Description |
|-----------------------------------|---|
| External Password Required | Check this box to allow user login using MSAD/LDAP password irrespective of the user ID. If you check this box, the user can log in using MSAD/LDAP server password only. The user ID can be one of the following - <ul style="list-style-type: none">• MSAD/LDAP user ID• FCUBS 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. |
| Authentication Type | Select the authentication type. This is the type of external server that is used. Select one of the following options - <ul style="list-style-type: none">• MSAD (Microsoft Active Directory)• LDAP (Lightweight Directory Access Protocol) The default option is MSAD. However, it can be changed. |

4. Click **Next**.

The **Property File Creation** screen displays.

Figure 1-26 Property File Creation

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

For more information, refer to the fields description table.

Table 1-14 LDAP server details.

| Field | Description |
|------------------------------|---|
| 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 - <ul style="list-style-type: none">• Simple• Strong Notes: <ul style="list-style-type: none">• 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, 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. |

5. Click **Next**.

The **Property File Creation** screen displays.

Figure 1-27 Property file Creation - Modify Gateway Properties

For more information, refer to the fields description table.

Table 1-15 Property File Creation - Field Description

| Field | Description |
|--------------------|---|
| XSD Path | Specify the path to the XSD file. The file name is not required. File separator must be <code>/</code> . There must be a <code>/</code> at the end. All the relevant XSD files must be manually copied to this location. For example, <ul style="list-style-type: none"> For Windows - <code>D:\Kernel11.1\GW_WS\XSD\</code> For Linux - <code>/Kernel11.1/GW_WS/XSD/</code> |
| Logger File | Specify the path to the gw_ws_logger.properties file with the file name. The file must be manually copied to the specified location. For example, <ul style="list-style-type: none"> For Windows - <code>D:\Kernel11.1\GW_WS\config\gw_ws_logger.properties</code> For Linux - <code>/Kernel11.1/GW_WS/config/gw_ws_logger.properties</code> |
| Debug Path | Specify the path to the folder where the application creates the logs. There must be a <code>/</code> at the end. You need to manually create the folder structure. For example, <ul style="list-style-type: none"> For Windows - <code>D:\Kernel11.1\GW_WS\log\</code> For Linux - <code>/Kernel11.1/GW_WS/log/</code> |

Table 1-15 (Cont.) Property File Creation - Field Description

| Field | Description |
|------------------------------------|---|
| Security Key for Encryption | Specify the security key for the encryption. Here, in this case, it is oraclefinancials . |
| SMS Pool Name | Specify SMS Pool Name. Here, in this case, it is jdbc/fcjddevDSSMS . |
| DataSource | The JDBC data source is an object bound to the 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, specify the POSS Datasource Name in the field below this. |
| OPSS CSF Available | Indicates whether OPSS-CSF is installed or not. Note: Select this only if Oracle Platform Security Services - Credential Store Framework (CSF) is installed as per the guidelines in the pre-requisite document. It is recommended that you install CSF for safeguarding application-specific security credentials. |
| Distributed Schema | <ul style="list-style-type: none"> If the schema is distributed, select Yes. If the schema is not distributed, select No. |
| MSG IN LOG Required | Select Yes or No from the drop-down. |
| MSG OUT LOG Required | Select Yes or No from the drop-down. |

6. Click **Next**.

The **Property File Creation** screen displays.

Figure 1-28 Property File Creation

Oracle FLEXCUBE Universal Installer

Oracle Banking Installer ORACLE INSTALLER

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.

Exit Log Back Next

7. On the **Property File Creation** screen, specify the name of the EJB application deployed.
For example, GWEJB
8. Click **Next**.
The **Gateway Property File Creation** screen displays.

Figure 1-29 Gateway Property File Creation

Oracle FLEXCUBE Universal Installer

Oracle Banking Installer **ORACLE INSTALLER**

Gateway Property File Creation
Current screen provides an option for modifying WebServices 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 | |

Application Type: **INTEGRATED**

Application type can later be edited in env.properties

Exit Log Back Next

For more information, refer to the fields description table.

Table 1-16 Gateway Property File Creation - Field Description

| Field | Description |
|-------------------------------|--|
| EJB JNDI Name | If you build the EJB application with the GWEJB name, this will create the name with which the EJB EAR file is built. If you select EJB Call Type as REMOTE , this will create <EJB_APPLICATION_NAME>#com.ofss.fcubs.gw.ejb.GWEJBRemote in GW_WS_Prop.properties file. For example, Weblogic/ : GWEJB #com.ofss.fcubs.gw.ejb.GWEJBRemote |
| Application Server URL | Specify the URL of the application server where the web service application is hosted. For example, Weblogic: t3://10.10.10.10:7001 |

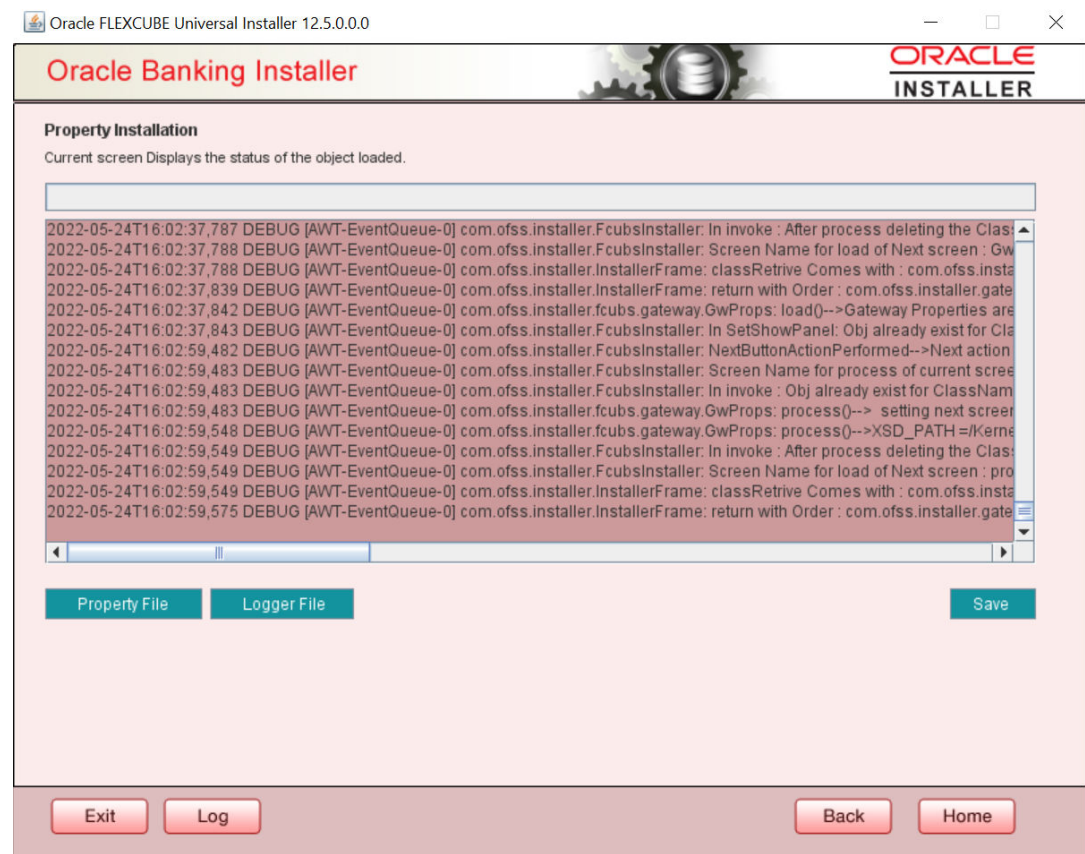
Table 1-16 (Cont.) Gateway Property File Creation - Field Description

| Field | Description |
|-------------------------|---|
| User Name | Specify the user name to access the application server where the EJB application is deployed. For example, INFRA |
| Password | Specify the password for the user name. |
| EJB Look Up | Specify the EJB look up type from the drop-down list. The options are LOCAL/REMOTE . |
| Application Type | Specify the application type from the drop-down list. Notes: <ul style="list-style-type: none"> If the Application Type is INTEGRATED then the EJB Look Up should be selected as LOCAL. If the Application Type is INDIVIDUAL then the EJB Look Up should be selected as REMOTE, and EJB should configure in any server. (REMOTE only works with the combination of EJB and GWWS). The Installer creates two files viz. gw_ws_logger.properties and GW_WS_Prop.properties in the path provided to save the files. |

9. Click **Next**.

The **Property Installation** screen displays.

Figure 1-30 Property Installation



The property file will be created in a temporary folder.

10. Click **Property File** to view the created property file.
11. Click **Save** to save the created property file in the desired location.

The property file will be created in a temporary folder.

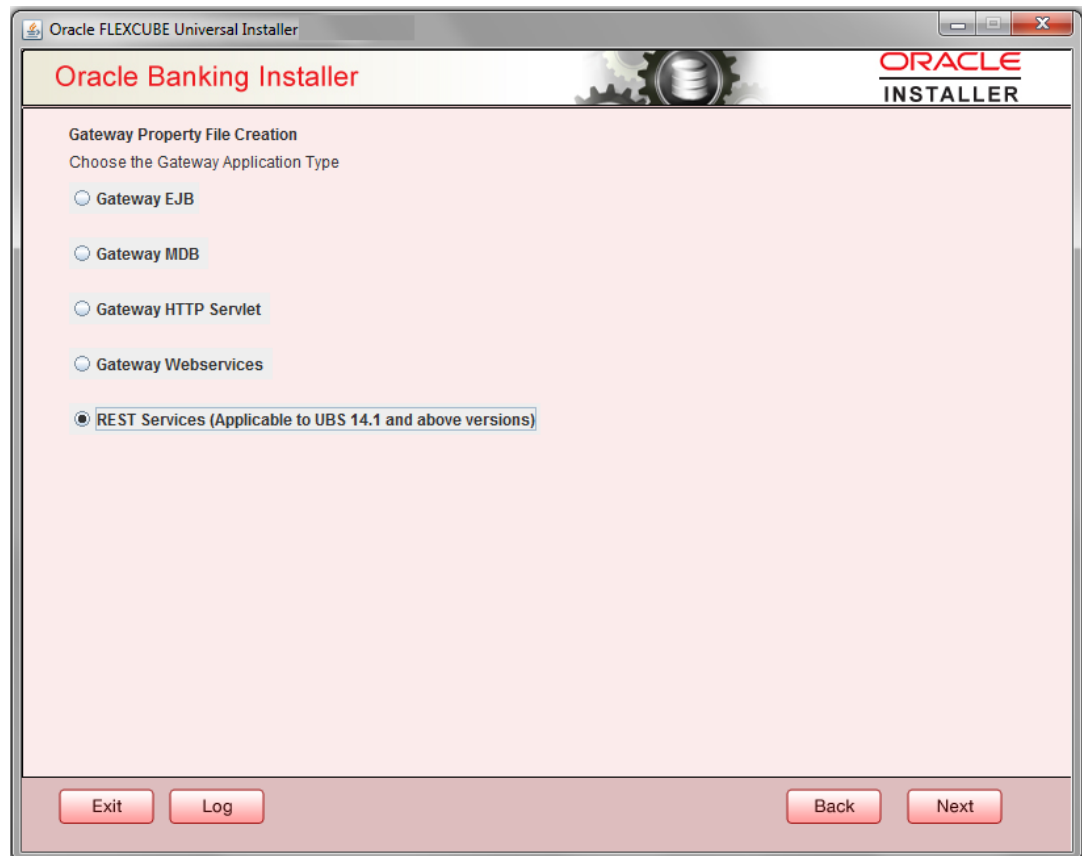
For Gateway EAR Building, refer to the *Installer EAR Building* document.

1.1.5 REST Services Application

This topic explains systematic instructions to create a property file through the REST Services application.

1. On the **Gateway Property File Creation** screen, select **REST Services (Applicable to UBS 14.1 and above versions)** application type.

Figure 1-31 REST Services_Gateway Property File Creation



2. Click **Next**.

The **SMS Schema Details** screen displays.

Figure 1-32 SMS Schema Details

| Name | Value |
|------------------------|-------------|
| Username | installer |
| Password | •••••••• |
| Service Name | testdb |
| IP Address | 10.10.10.10 |
| Port | 1521 |
| TNS Connect Descriptor | testdb |

Test Connection

Exit Log Back Next

3. Specify the valid **Username**, **Password**, **Service Name** **IP Address**, **Port**, and **TNS Connect Descriptor**, and then click **Test Connection**.

The successful test connection will enable the **Next** button.

4. Click **Next**.

The **Property File Creation** screen displays.

5. On the **Property File Creation** screen, specify the fields.

Figure 1-33 Property File Creation

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

Oracle Banking Installer **ORACLE INSTALLER**

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

XSD Path: /Kernel11.1/GW_EJB/XSD/

Logger File: /Kernel11.1/GW_EJB/config/gw_ejb_logger.properties

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

Security Key for Encryption: oraclefinancials

SMS Pool Name: jdbc/fcdevDSSMS

DataSource: FLEXTTEST.WORLD

☐ POSS DataSource ☒ OPSS CSF Available

POSS DataSource: FOSSTEST.WORLD

Distributed Schema: No

MSG IN log Required: No

MSG OUT log Required: No

☐ Integration with CN Logger

Exit Log Back Next

For more information, refer to the fields description table.

Table 1-17 Property File Creation - File Description

| Field | Description |
|------------------------------------|---|
| XSD Path | Specify the XSD path. |
| Logger File | Specify logger property file path. |
| Debug Path | Specify the path where debugs are to be written. |
| Security Key for Encryption | Specify the security key for the encryption. Here specify oraclefinancialsolutions . |
| SMS Pool Name | Specify valid pool name. This field displays the default value jdbc/fcdevDSSMS . |
| DataSource | The JDBC data source is an object bound to the JNDI tree and provides database connectivity through a pool of JDBC connections. |
| POSS DataSource | Check this box if POSS is required. |
| OPSS CSF Available | This check box indicates whether OPSS-CSF is installed or not. |
| POSS DataSource | If the POSS DataSource box is checked, specify the POSS Datasource Name in this field. |
| Distributed Schema | Select either Yes or No from the drop-down list. |
| MSG IN Log Required | Select either Yes or No from the drop-down list. |
| MSG OUT Log Required | Select either Yes or No from the drop-down list. |

Table 1-17 (Cont.) Property File Creation - File Description

| Field | Description |
|-----------------------------------|--|
| Integration with CN Logger | Check this box for the Integration with CN Logger. |

- Click **Next** to Specify REST Services information.
The **RESTServices Properties** screen displays.

Figure 1-34 RESTServices Properties

For more information, refer to the fields description table.

Table 1-18 REST Services Properties

| Field | Description |
|--|--|
| REST Services Logger File | Specify logger property file path. |
| REST Services Debug Path | Specify the path where debugs are to be written. |
| REST Services Security Key for Encryption | Specify the security key for the encryption. In this case, it is oraclefinancialsolutions . |
| REST Services Msg Schema Pool Name | Specify a valid pool name. This field displays the default value as jdbc/fcdevDSSMS . |

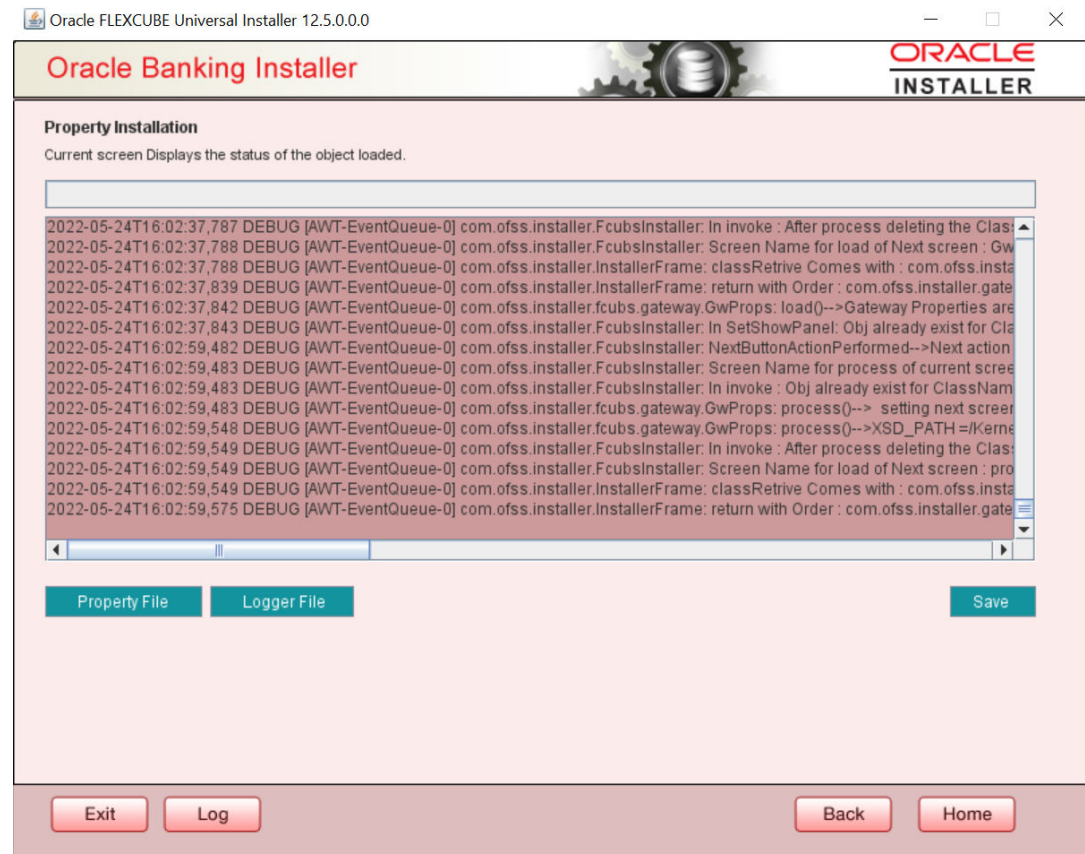
Table 1-18 (Cont.) REST Services Properties

| Field | Description |
|------------------------------|---|
| Authentication Scheme | Select Authentication Scheme from the drop-down list. <ul style="list-style-type: none"> OAUTH FLEXCUBE For the FLEXCUBE authentication scheme, REST Client ID , REST Client Secret , and Access Token URL are disabled. The same has to be specified if OAUTH is selected. |
| CTX factory | Specify valid CTX factory information. |
| Provider URL | Specify the URL with the valid port number. |
| Security Principal | Specify the security principal user name. |
| Security Credentials | Specify the security principal password. |
| JNDI Name | In this field, JNDI Name is defaulted based on the application server selected. |

7. Click **Next**.

The **Property Installation** screen displays.

Figure 1-35 Property Installation



8. Click **Property File** to view the created property file.
9. Click **Save** to save the created property file in the desired location.

The property file will be created in a temporary folder.