

# Oracle® Banking Corporate Lending

## GATEWAY Property File Creation



Release 14.7.6.0.0

G32287-01

April 2025

The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

ORACLE®

Oracle Banking Corporate Lending GATEWAY Property File Creation, Release 14.7.6.0.0

G32287-01

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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
<b>Administrator</b>	Who controls the system and application parameters and ensures smooth functionality and flexibility of the banking application.
<b>Implementation team</b>	Implementation of Oracle Banking Corporate Lending Solution
<b>Pre-sales team</b>	Install Oracle Banking Corporate Lending for demo purpose
<b>Bank personnel</b>	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
<b>boldface</b>	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

## Screenshot Disclaimer

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

## Acronyms and Abbreviations

The list of the acronyms and abbreviations used 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.

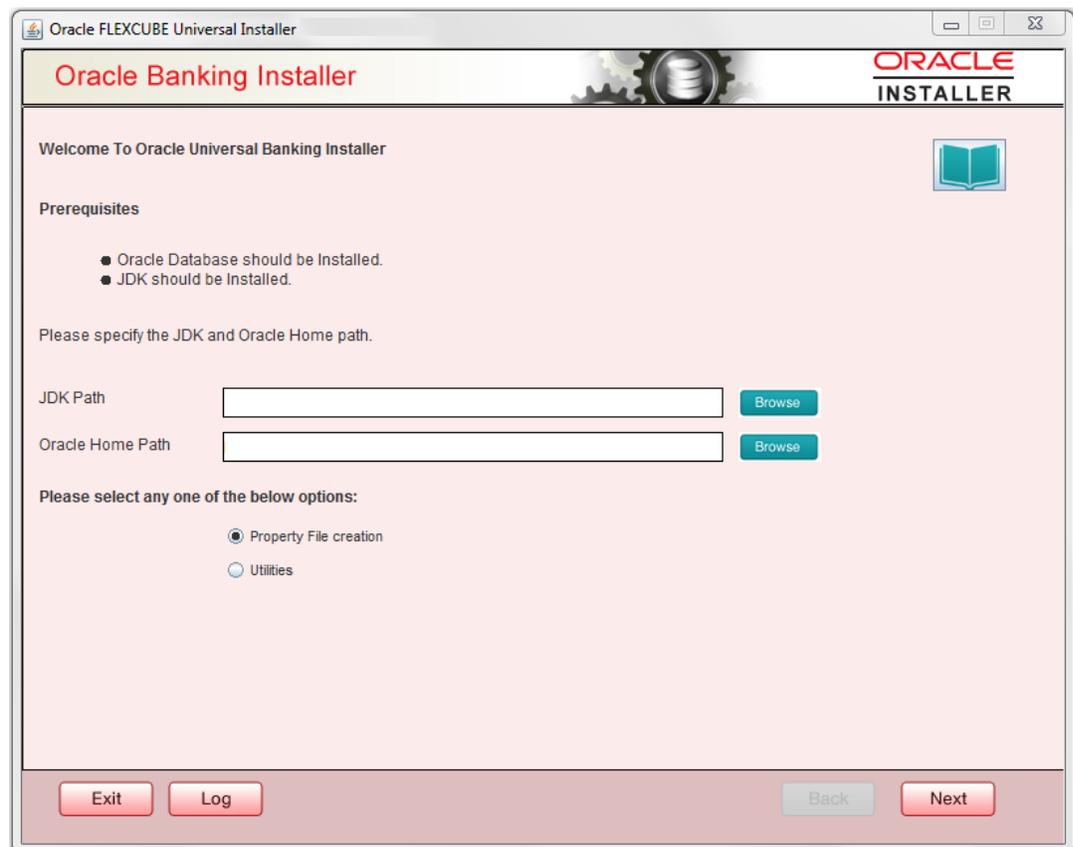
### 1.1 Create Property Files

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**

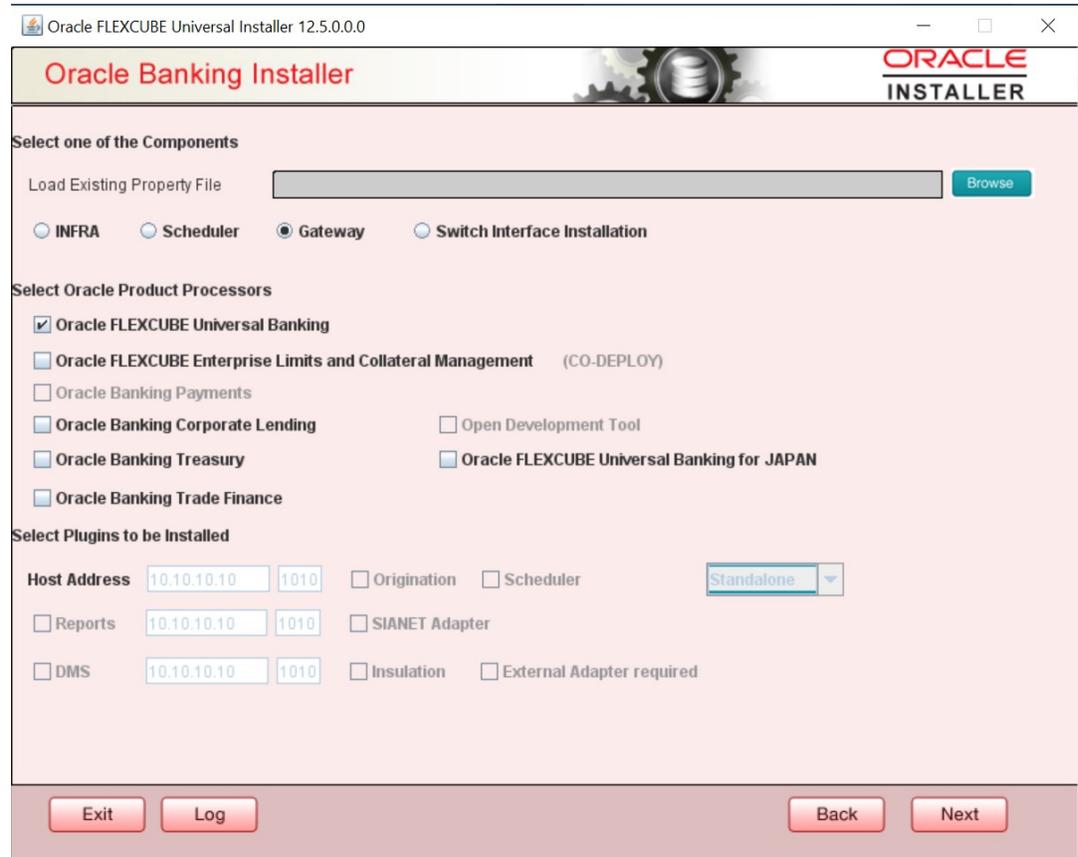


2. On the **Welcome To Oracle FLEXCUBE Universal Banking Installer** screen, click **Browse**, and specify the **JDK Path** and **Oracle Home Path**.

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**



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

The **Environment Details** screen displays.

**Figure 1-3 Environment Details**

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.

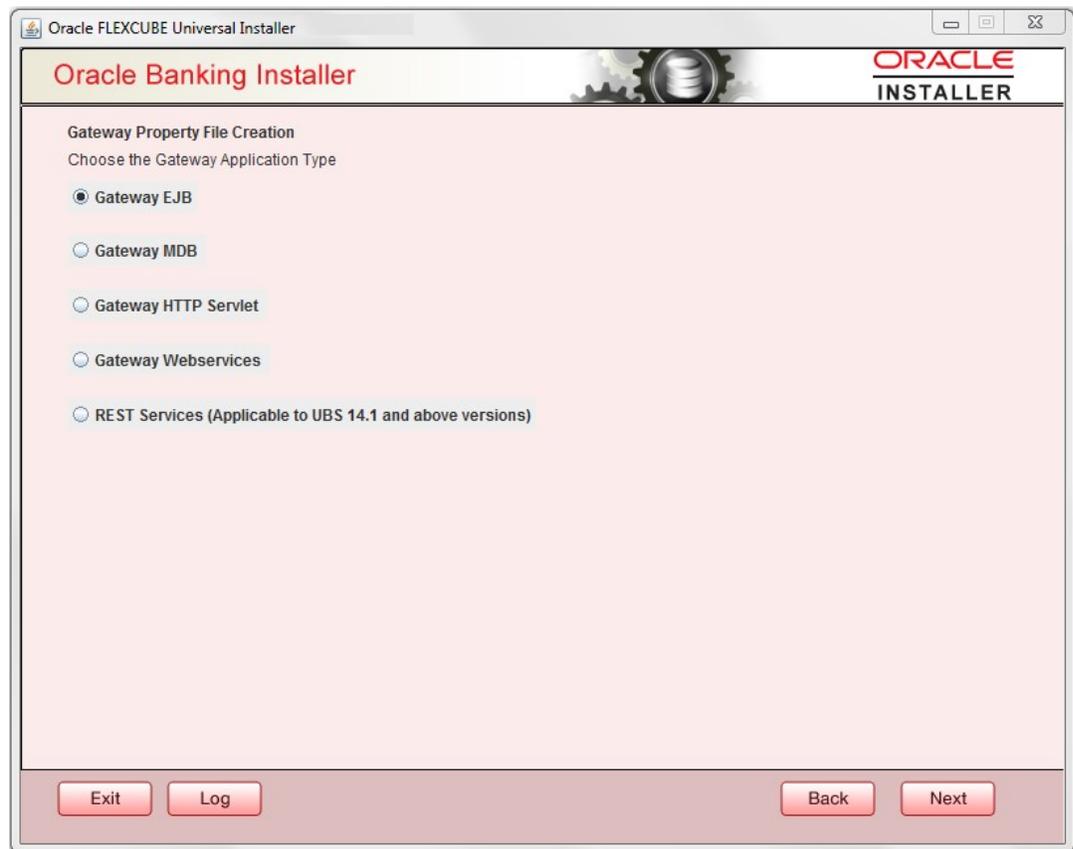
- [Gateway EJB Application](#)  
This topic explains systematic instructions to create a property file by choosing Gateway EJB as the application type.
- [Gateway MDB Application](#)  
This topic provides systematic instructions to create a Property File by choosing Gateway MDB Application as the application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

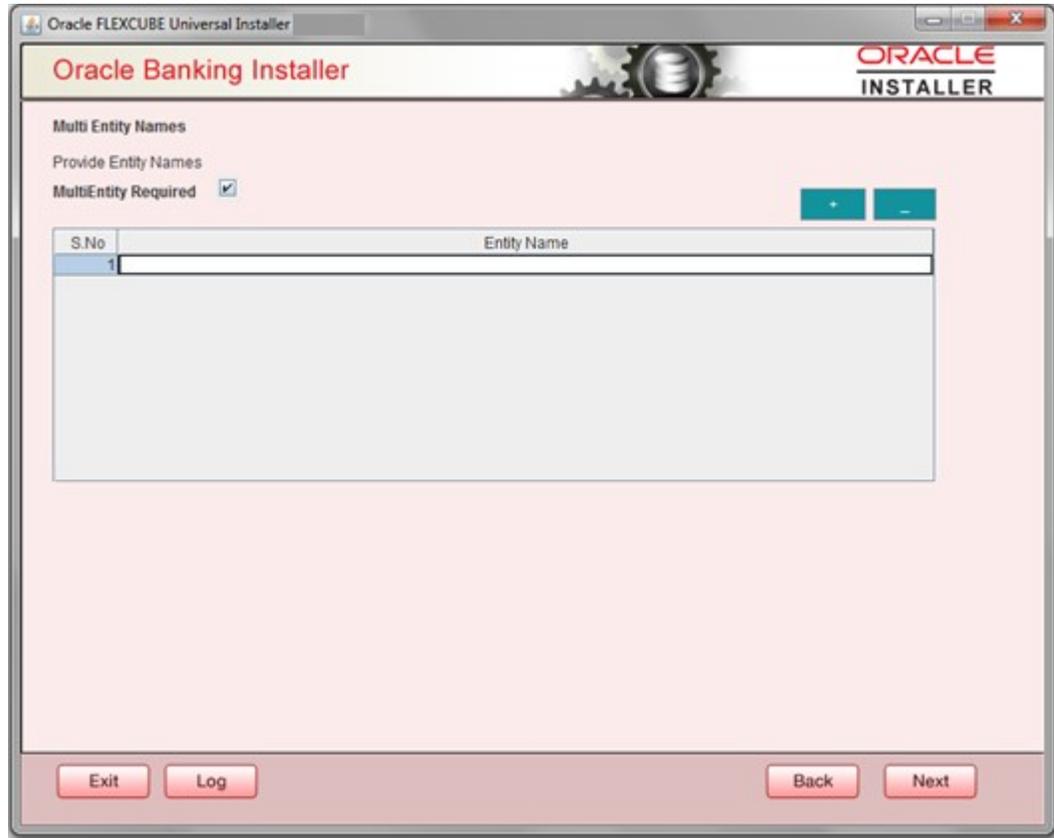
1. On the **Gateway Property File Creation** screen, select **Gateway EJB** application type.

**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.

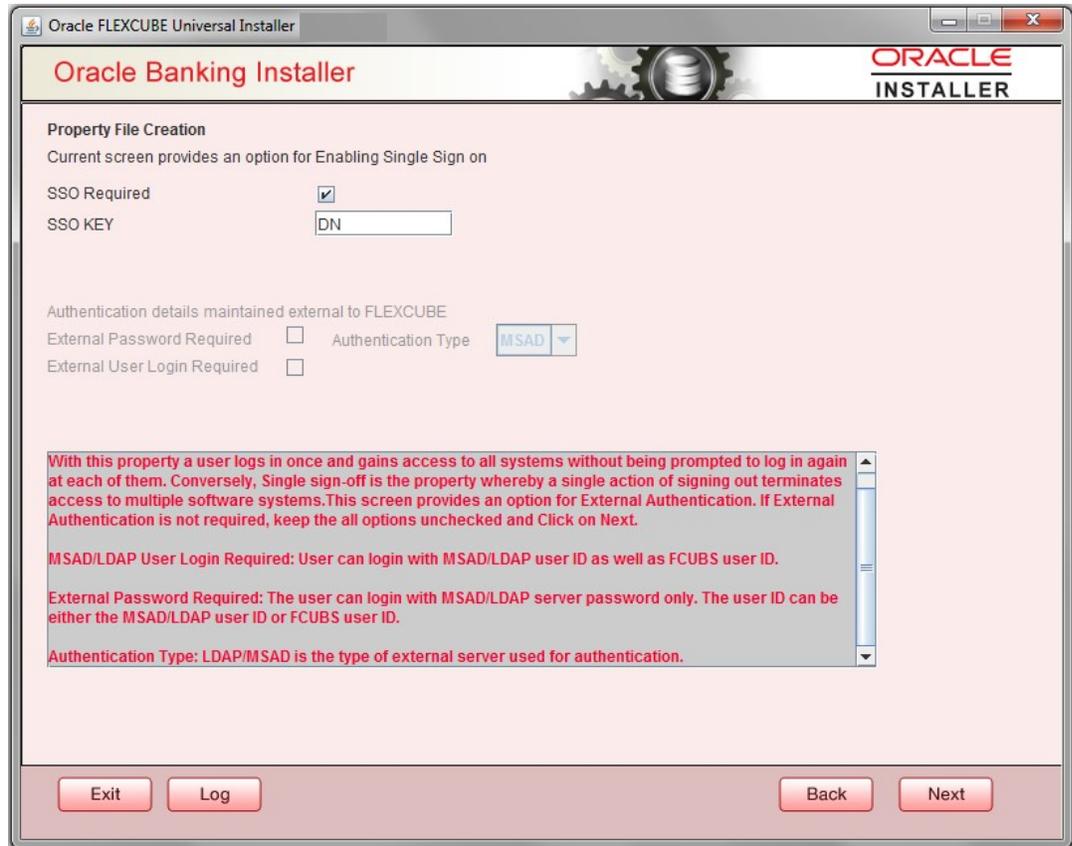
**Table 1-1 Multi Entity Names - Field Description**

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

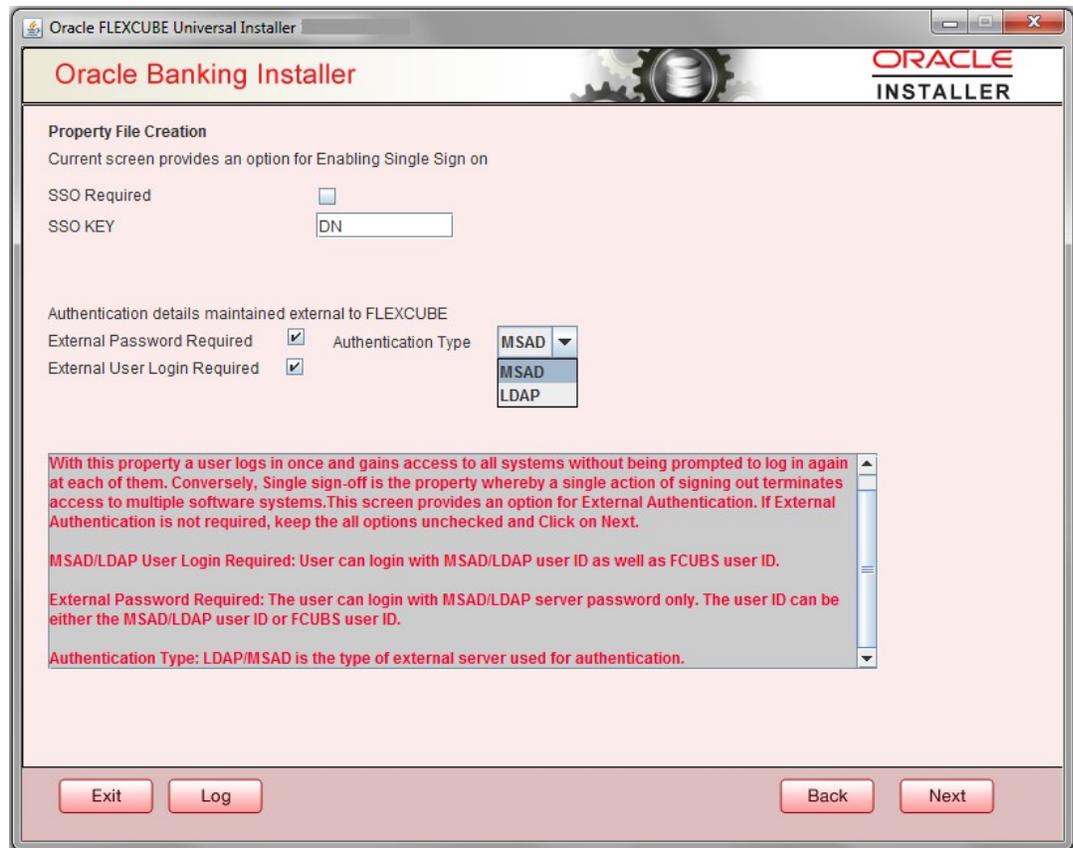
3. Click **Next**.

The **Property File Creation** screen displays.

Figure 1-6 Property File Creation



**Figure 1-7 Property File Creation -Authendication details**



For more information, refer to the fields description table.

**Table 1-2 Property File Creation - Field Description**

Field	Description
<b>SSO Required</b>	Check this box to enable single sign-on (SSO). If you check this box, specify the <b>SSO Key</b> .
<b>SSO Key</b>	Specify the <b>SSO Key</b> . If you have checked the box <b>SSO Required</b> , it is mandatory to specify the SSO key. If you have checked the box <b>SSO Required</b> , 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 <b>SSO Required</b> , then click <b>Next</b> .
<b>External User Login Required</b>	Check this box to enable user login using MSAD (Microsoft Active Directory)/LDAP (Lightweight Directory Access Protocol) user ID. <b>Note:</b> 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**

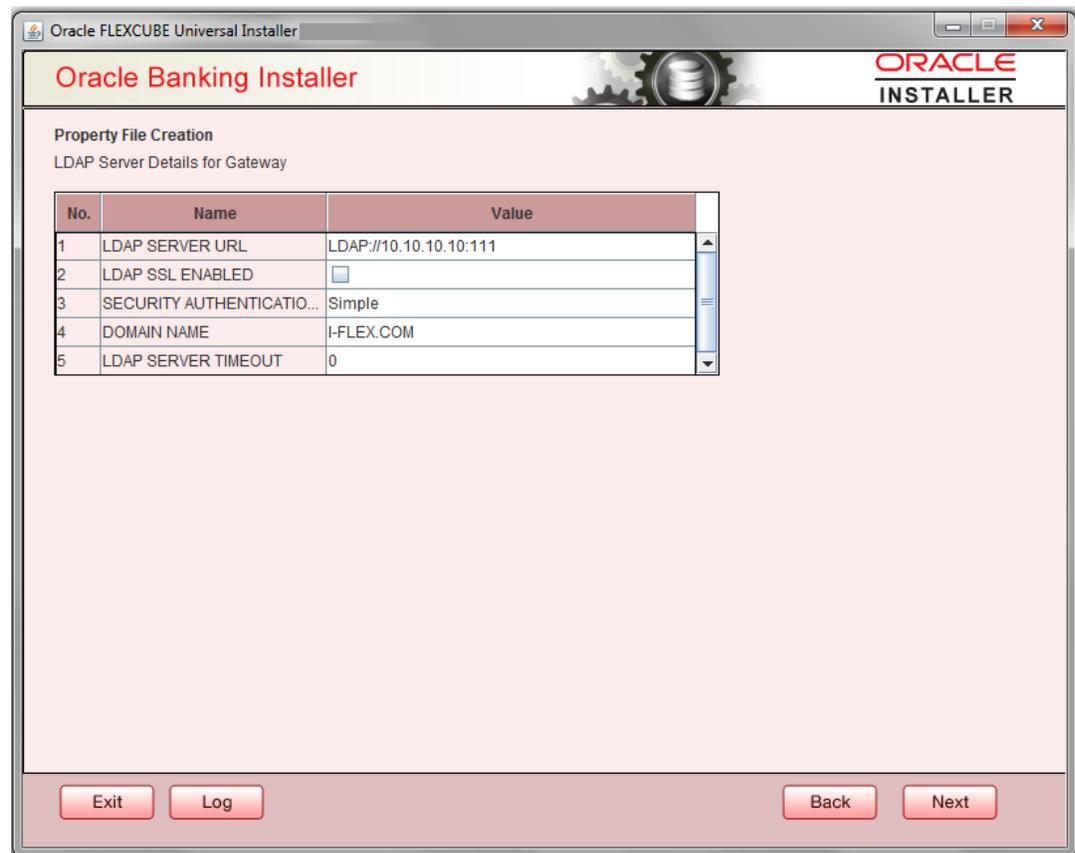
Field	Description
<b>External Password Required</b>	<p>Check this box to allow user login using MSAD/LDAP password irrespective of the user ID. If you check this box, the user can log in using MSAD/LDAP server password only. The user ID can be one of the following:</p> <ul style="list-style-type: none"> <li>MSAD/LDAP user ID</li> <li>FCUBS user ID</li> </ul> <p>If you do not check this box, then the installer skips the following screen and directly navigates to the Modifying Gateway Properties screen.</p>
<b>Authentication Type</b>	<p>Select the authentication type. This is the type of external server that is used. Select one of the following options:</p> <ul style="list-style-type: none"> <li><b>MSAD (Microsoft Active Directory)</b></li> <li><b>LDAP (Lightweight Directory Access Protocol)</b></li> </ul> <p>The default option is <b>MSAD</b>, and this can be modified.</p>

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**



For more information, refer to the fields description table.

**Table 1-3 LDAP Server Details**

Field	Description
<b>LDAP Server URL</b>	Specify the URL to access the LDAP server where the external user ID and password are maintained.
<b>LDAP SSL Enabled</b>	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.
<b>Security Authentication Type</b>	Depending on the authentication mechanism supported by the LDAP server, select one of the following: <ul style="list-style-type: none"><li>• <b>Simple</b></li><li>• <b>Strong</b></li></ul> <b>Notes:</b> <ul style="list-style-type: none"><li>• Different servers support different authentication mechanisms.</li><li>• By default, the security authentication type is <b>Simple</b>. However, the user can change this.</li></ul>
<b>Domain Name</b>	Specify the domain name.
<b>LDAP Server Timeout</b>	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**

For more information, refer to the fields description table.

**Table 1-4 Property File Creation - Field Description**

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

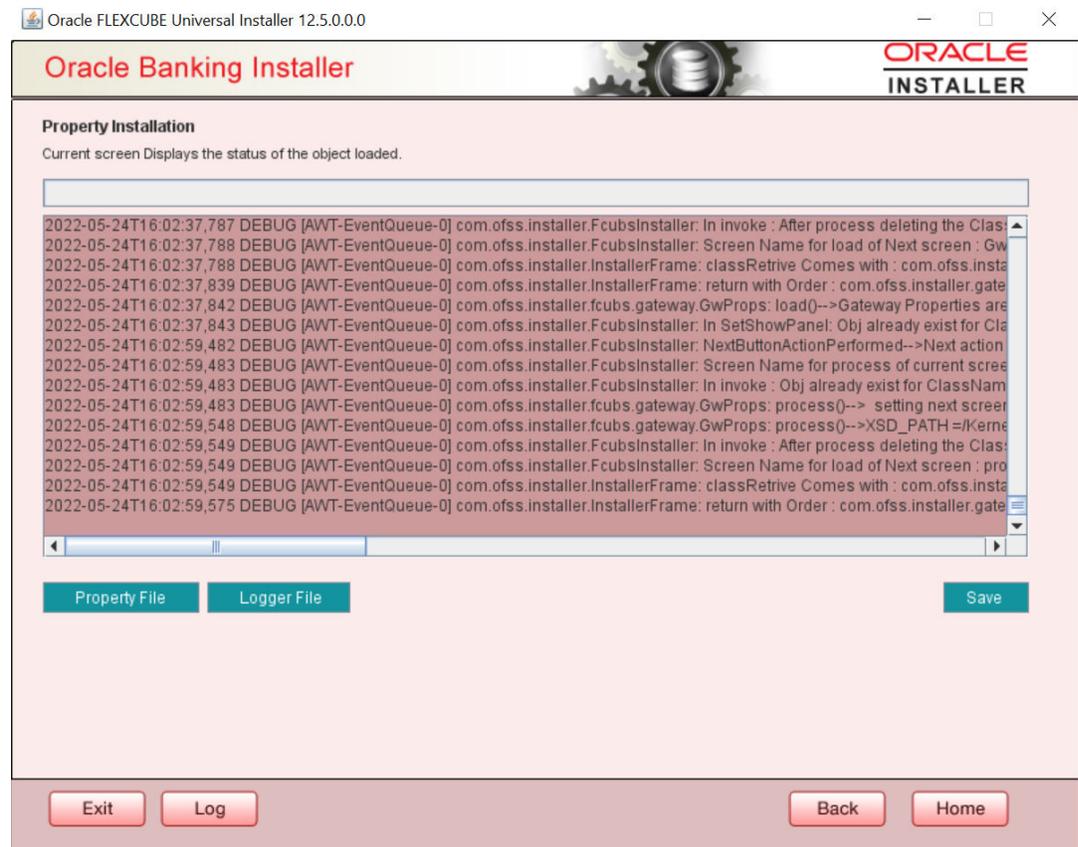
**Table 1-4 (Cont.) Property File Creation - Field Description**

Field	Description
<b>Security Key for Encryption</b>	Specify the security key for the encryption. Here, in this case, it is <b>oraclefinancials</b> .
<b>SMS Pool Name</b>	Specify SMS Pool name. Here, in this case, it is <b>jdbc/fcdevDSSMS</b> .
<b>DataSource</b>	The JDBC data source is an object bound to the JNDI tree and provides database connectivity through a pool of JDBC connections.
<b>POSS Datasource</b>	Check this box if POSS is required. If you check this box, specify the POSS datasource name in the field below this.
<b>OPSS CSF Available</b>	Indicates whether OPSS-CSF is installed or not. <b>Note:</b> 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.
<b>Distributed Schema</b>	<ul style="list-style-type: none"> <li>If the schema is distributed, select <b>Yes</b>.</li> <li>If the schema is not distributed, select <b>No</b>.</li> </ul>
<b>MSG IN LOG Required</b>	Select <b>Yes</b> or <b>No</b> from the drop-down.
<b>MSG OUT LOG Required</b>	Select <b>Yes</b> or <b>No</b> from the drop-down.

- Click **Next**.

The **Property Installation** screen displays.

**Figure 1-10 Property Installation**



The property file will be created in a temporary folder.

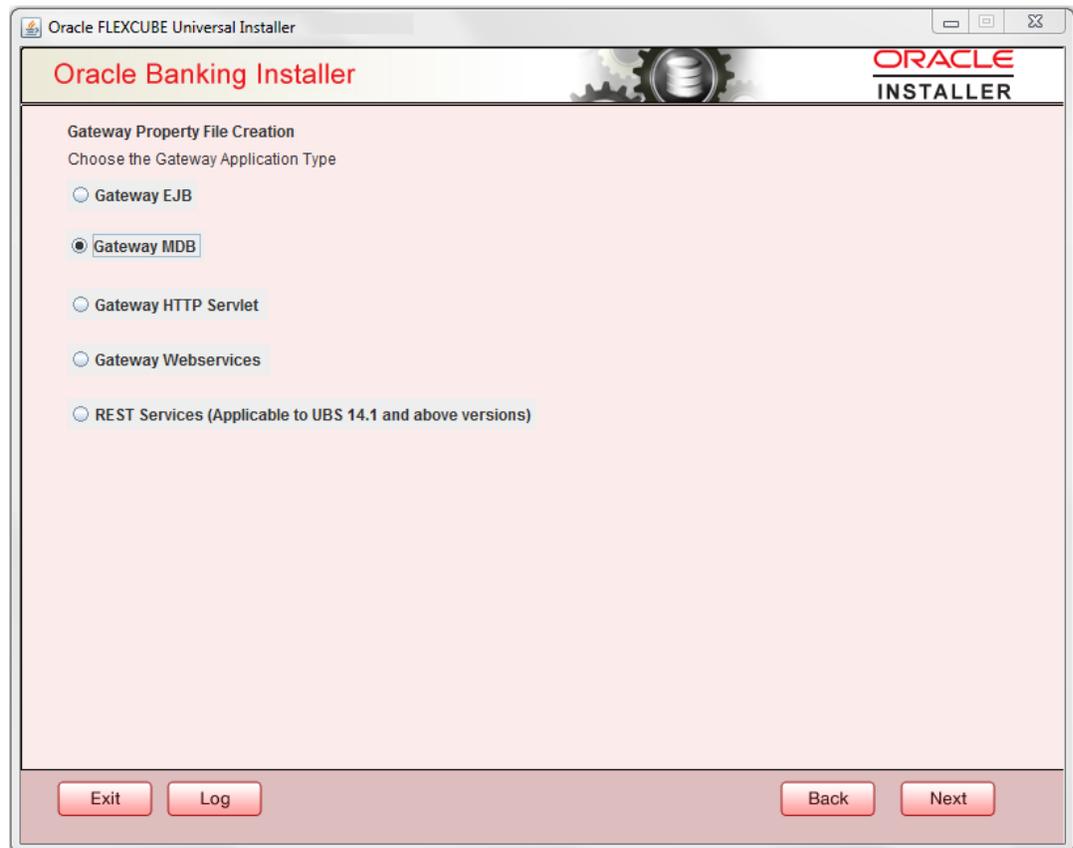
7. Click **Property File** to view the created property file.
8. Click **Save** to save the created property file in the desired location.

## 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.

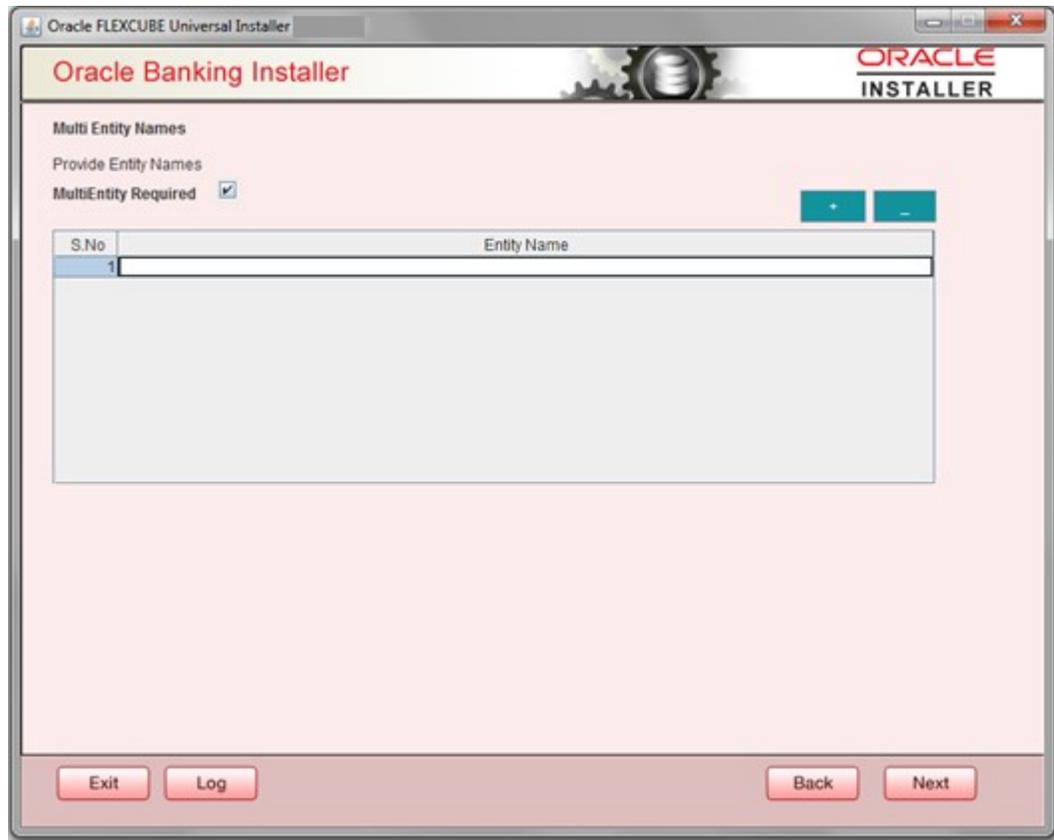
1. On the **Gateway Property File Creation** screen, select **Gateway MDB** application type.

**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.

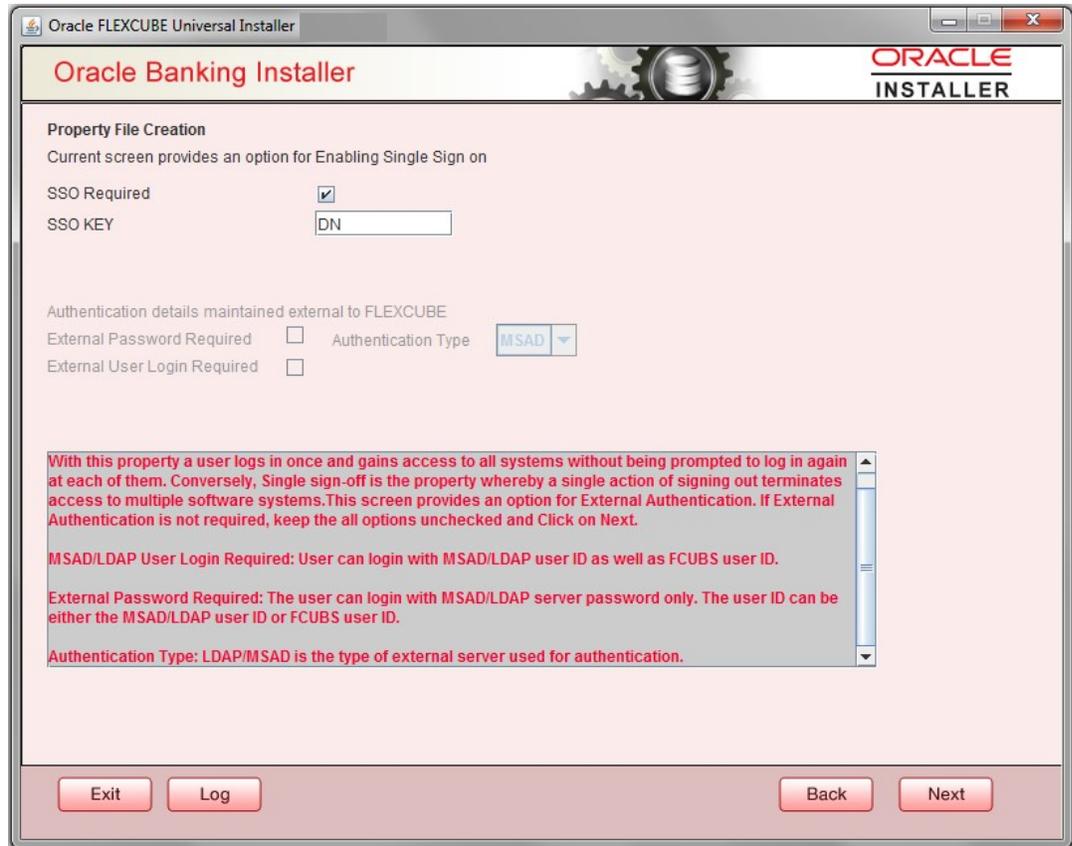
**Table 1-5 Multi Entity Names - Field Description**

Field	Description
<b>MultiEntity Required</b>	Select the <b>MultiEntity Required</b> 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.
<b>Entity Name</b>	Specify the entity name as a single word. For example, ENTITY1

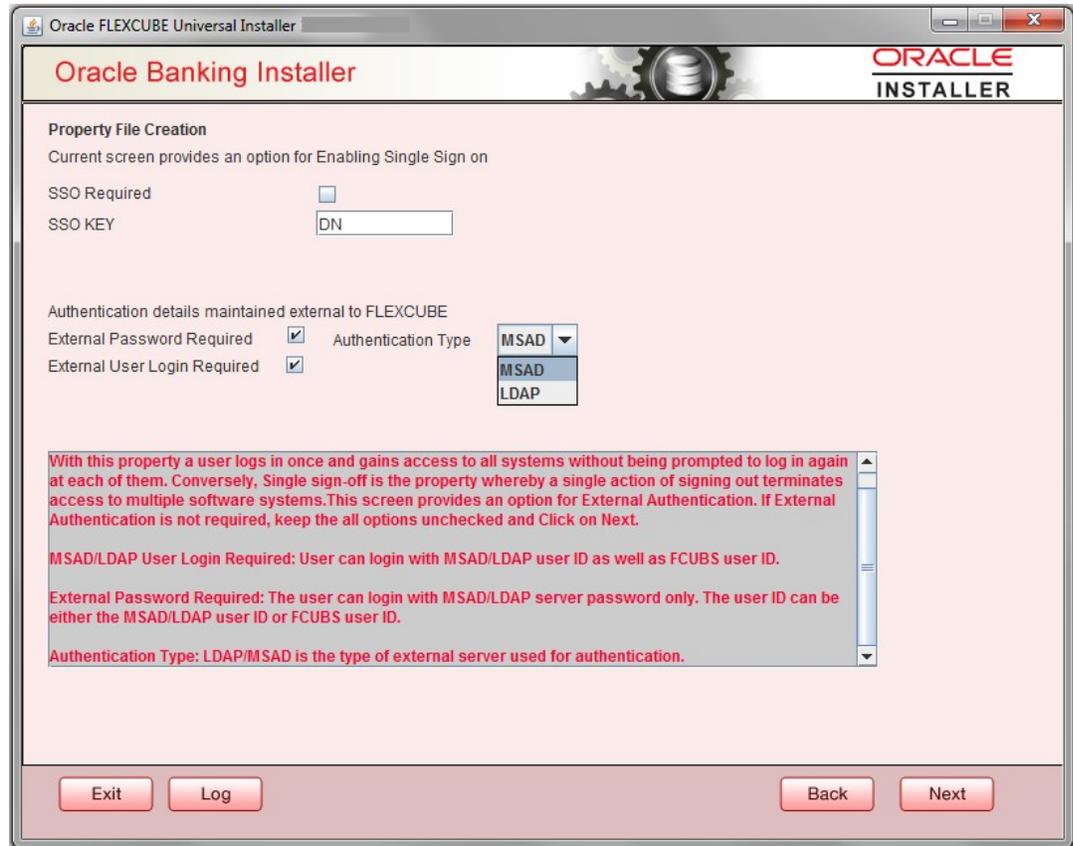
3. Click **Next**.

The **Property File Creation** screen displays.

Figure 1-13 Property File Creation



**Figure 1-14 Property File Creation - Authentication Type**



For more information, refer to the fields description table.

**Table 1-6 Property File Creation - Field Description**

Field	Description
<b>SSO Required</b>	Select this box to enable single sign-on (SSO). If you check this box, specify the SSO Key.
<b>SSO Key</b>	Specify the SSO key. If you have checked the box <b>SSO Required</b> , it is mandatory to specify the SSO key. If you have not checked the box <b>SSO Required</b> , then the Installer will skip the following two screens and will directly navigate to the Modifying the Gateway properties screen.
<b>External User Login Required</b>	Check this box to enable user login using MSAD/LDAP user ID. By default, this check box is unchecked. However, you can change this. <b>Note:</b> 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.

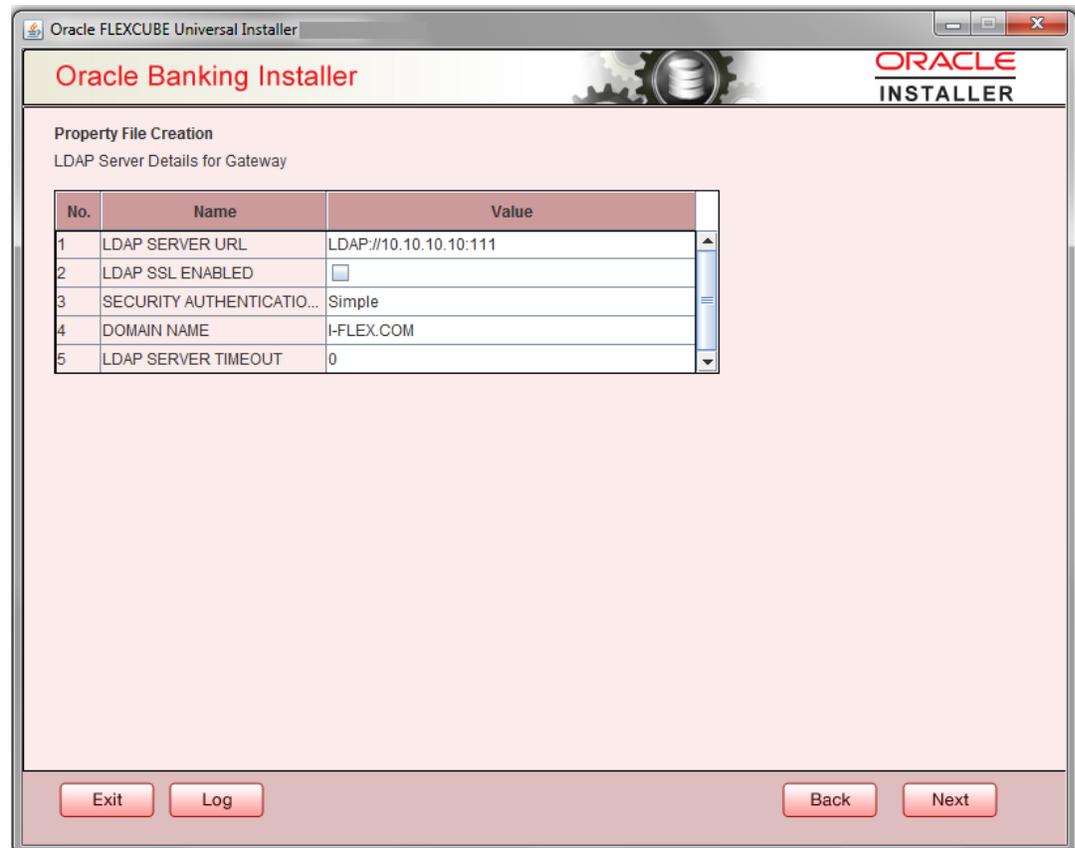
**Table 1-6 (Cont.) Property File Creation - Field Description**

Field	Description
<b>External Password Required</b>	<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><b>Notes:</b></p> <ul style="list-style-type: none"> <li>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.</li> <li>If you do not check this box, then the installer skips the following screen and directly navigates to the Modifying Gateway Properties screen.</li> </ul> <p>The field <b>Authentication Type</b> is enabled if one of the check boxes (<b>External Password Required</b> or <b>External User Login Required</b>) is selected.</p>
<b>Authentication Type</b>	<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"> <li><b>MSAD</b> (Microsoft Active Directory)</li> <li><b>LDAP</b> (Lightweight Directory Access Protocol)</li> </ul> <p>The default option is <b>MSAD</b>. However, you can change this.</p>

4. Click **Next**.

The **Property File Creation** screen displays.

**Figure 1-15 Property File Creation - LDAP Server Details**



For more information, refer to the fields description table.

**Table 1-7 LDAP server details.**

Field	Description
<b>LDAP Server URL</b>	Specify the URL to access the LDAP server where the external user ID and password are maintained.
<b>LDAP SSL Enabled</b>	Check this box if the LDAP server is SSL enabled. If you check this box, then specify the SSL port also in the field <b>LDAP SERVER URL</b> . By default, this check box is unchecked. However, you can change this.
<b>Security Authentication Type</b>	Depending on the authentication mechanism supported by the LDAP server, select one of the following - <ul style="list-style-type: none"><li>• <b>Simple</b></li><li>• <b>Strong</b></li></ul> <b>Notes:</b> <ul style="list-style-type: none"><li>• Different servers support different authentication mechanisms.</li><li>• By default, the security authentication type is <b>Simple</b>, however, you can change this.</li></ul>
<b>Domain Name</b>	Specify the domain name.
<b>LDAP Server Timeout</b>	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**

For more information, refer to the fields description table.

**Table 1-8 Property File Creation - Field Description**

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

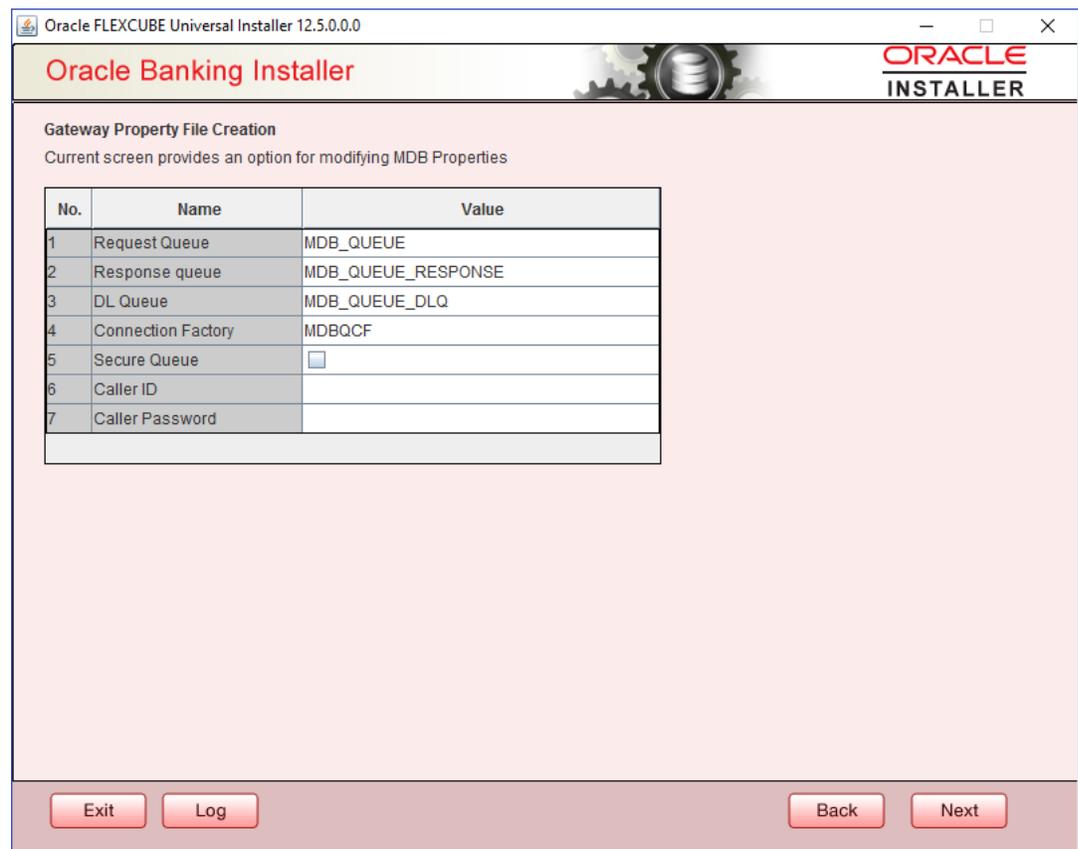
**Table 1-8 (Cont.) Property File Creation - Field Description**

Field	Description
<b>Security Key for Encryption</b>	Specify the security key for the encryption. Here, in this case, it is <b>oraclefinancials</b> .
<b>SMS Pool Name</b>	Specify SMS pool name. Here, in this case, it is <b>jdbc/fcjdevDSSMS</b> .
<b>DataSource</b>	The JDBC data source is an object bound to the JNDI tree and provides database connectivity through a pool of JDBC connections.
<b>POSS Datasource</b>	Select this checkbox if POSS is required. If you select this checkbox, specify the POSS Datasource name in the field below this.
<b>OPSS CSF Available</b>	Indicates whether OPSS-CSF is installed or not. <b>Note:</b> 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.
<b>Distributed Schema</b>	<ul style="list-style-type: none"> <li>If the schema is distributed, select <b>Yes</b>.</li> <li>If the schema is not distributed, select <b>No</b>.</li> </ul>

6. Click **Next**.

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

**Figure 1-17 Gateway Property File Creation**



For more information, refer to the fields description table.

**Table 1-9 Gateway Property File Creation - Field Description**

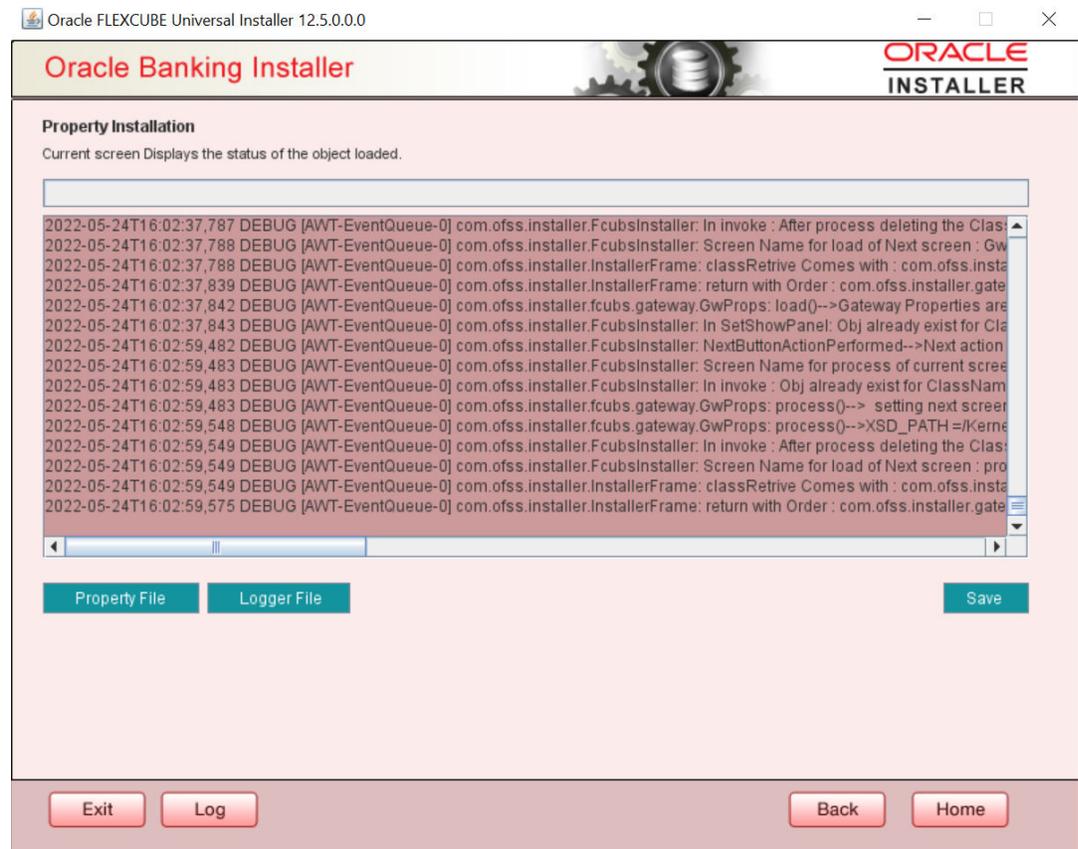
Field	Description
<b>Request Queue</b>	Specify the request queue. This is the point-to-point destination type used for asynchronous peer communication. For example, MDB_QUEUE
<b>Response Queue</b>	Specify the response queue name. For example, MDB_QUEUE_RESPONSE
<b>DL Queue</b>	Specify the dead letter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



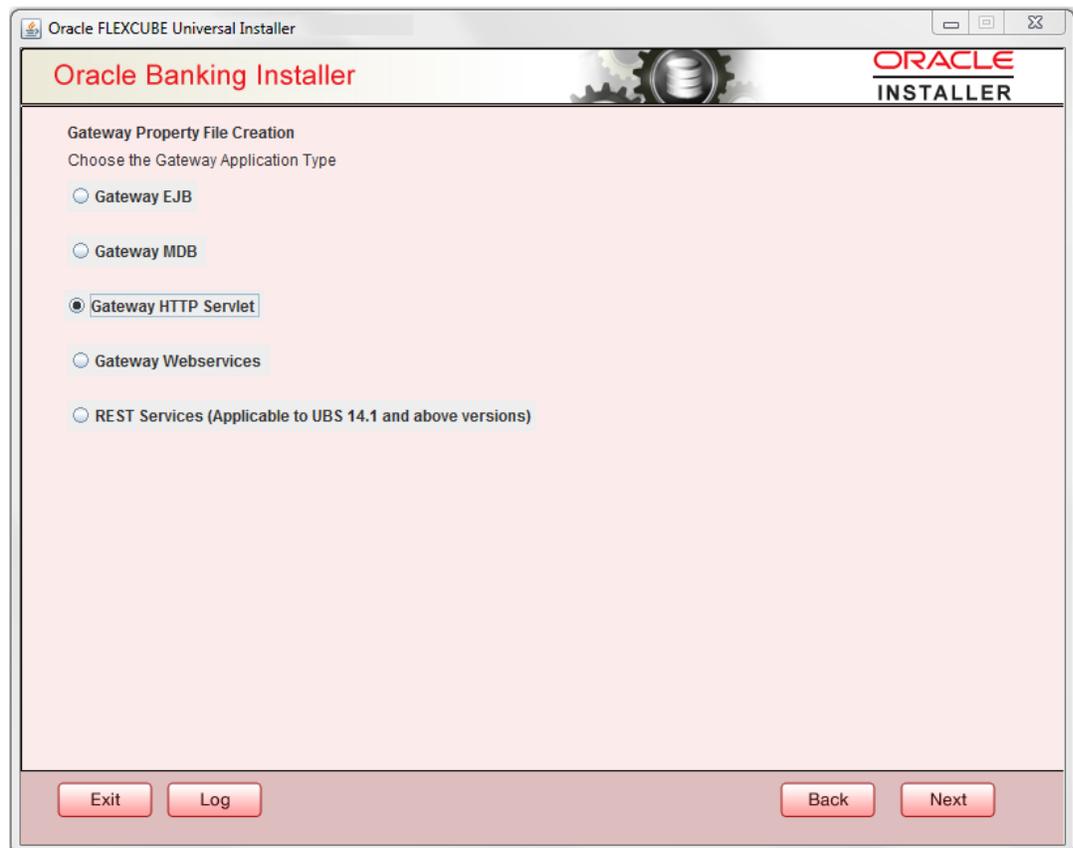
8. Click **Property File** to view the created property file.
9. Click **Save** to save the created property file in the desired location.

### 1.1.3 Gateway HTTP Servlet Application

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

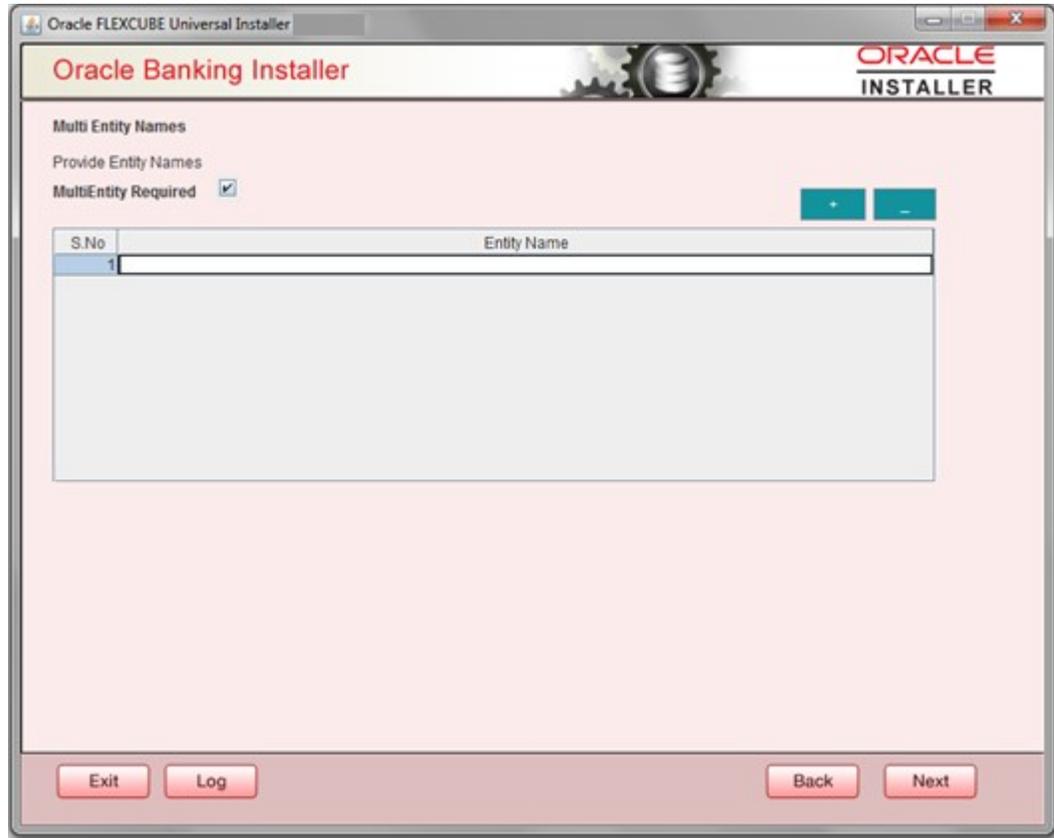
1. On the **Gateway Property File Creation** screen, select **Gateway HTTP Servlet** application type.

**Figure 1-19 Gateway Property File Creation**



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

**Figure 1-20 Multi Entity Names**



For more information, refer to the fields description table.

**Table 1-10 Multi Entity Names - Field Description**

Field	Description
<b>MultiEntity Required</b>	Select the <b>MultiEntity Required</b> 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.
<b>Entity Name</b>	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**

For more information, refer to the fields description table.

**Table 1-11 Property File Creation - Field Description**

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

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

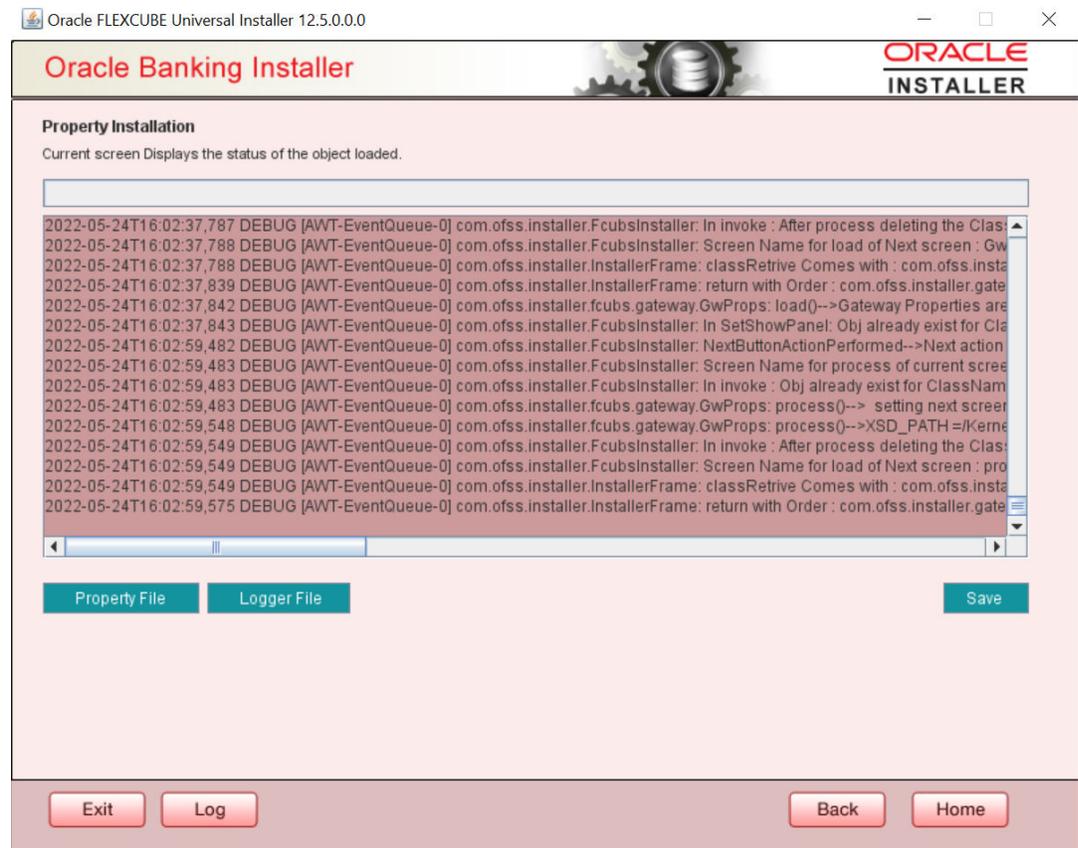
Field	Description
<b>Security Key for Encryption</b>	Specify the security key for the encryption. Here, in this case, it is <b>oraclefinancials</b> .
<b>SMS Pool Name</b>	Specify SMS Pool Name. Here, in this case, it is <b>jdbc/fcjdevDSSMS</b> .
<b>DataSource</b>	The JDBC data source is an object bound to the JNDI tree and provides database connectivity through a pool of JDBC connections.
<b>POSS Datasource</b>	Check this box if POSS is required. If you check this box, specify the POSS Datasource Name in the field below this.
<b>OPSS Available</b>	Indicates whether OPSS-CSF is installed or not. <b>Note:</b> 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.
<b>Distributed Schema</b>	<ul style="list-style-type: none"> <li>If the schema is distributed, select <b>Yes</b>.</li> <li>If the schema is not distributed, select <b>No</b>.</li> </ul>

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.

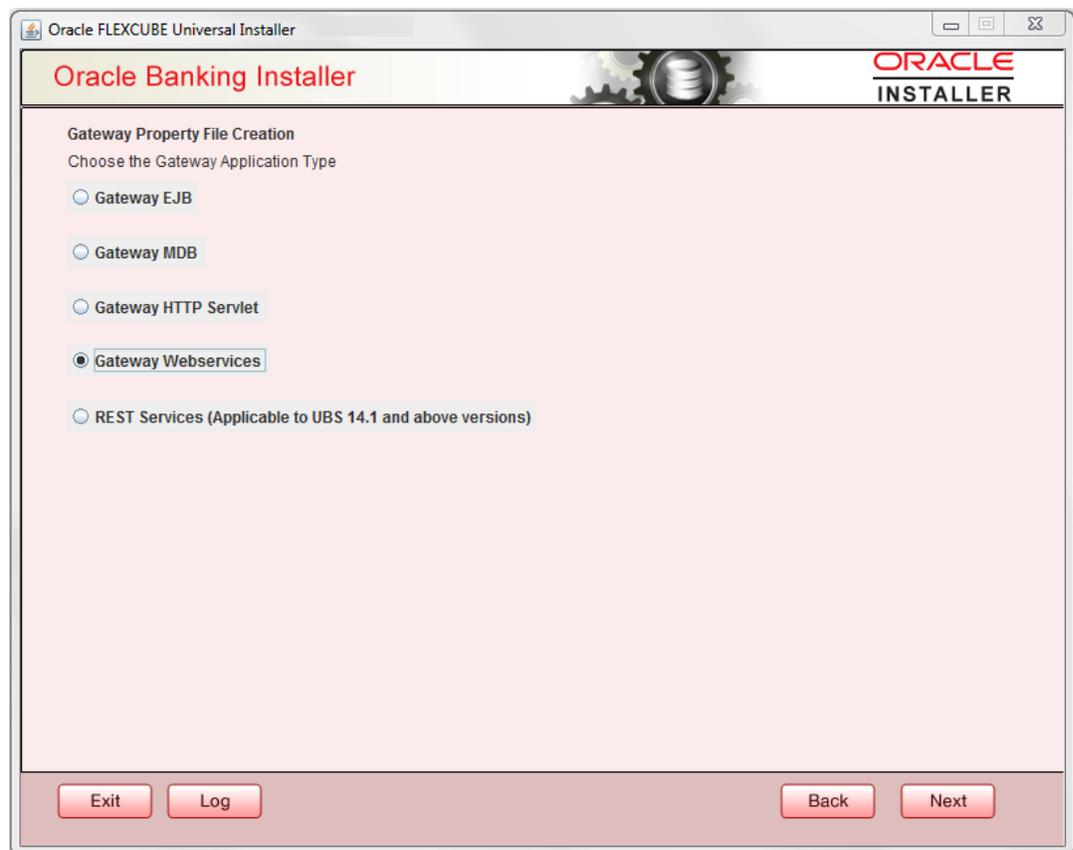
For Gateway EAR Building, refer to the *Installer EAR Building* user guide.

## 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.

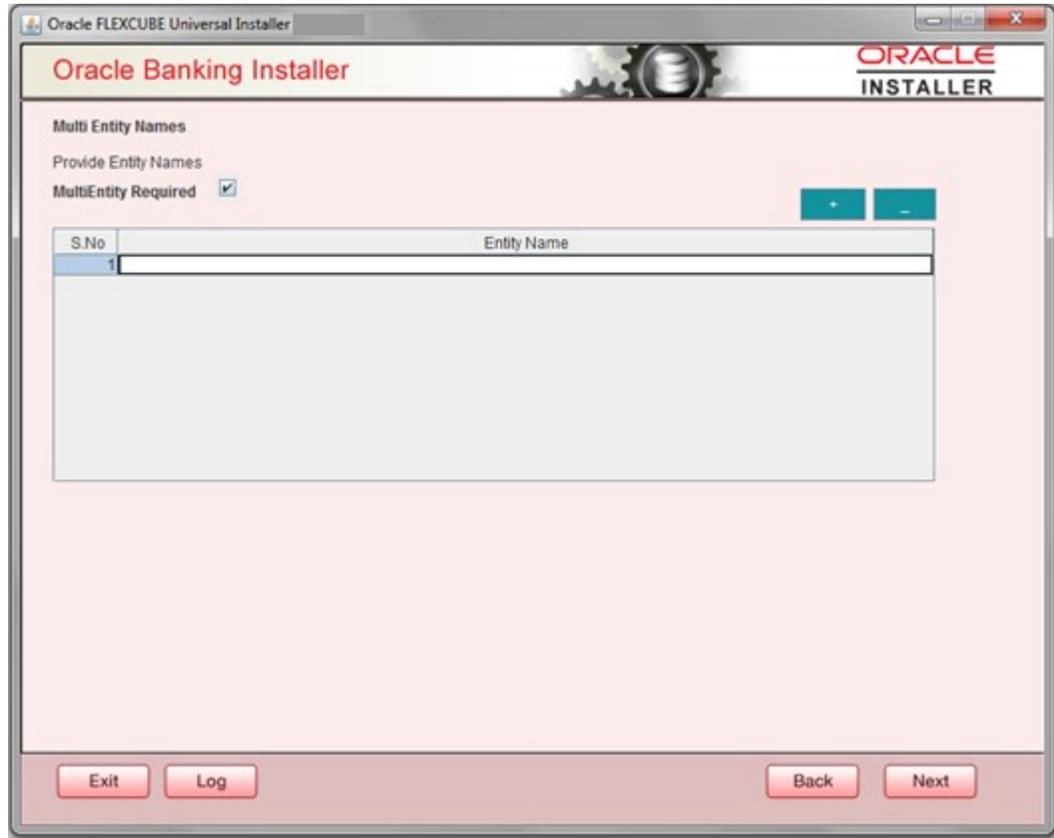
**Figure 1-23 Gateway Property File Creation**



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
<b>MultiEntity Required</b>	Select the <b>MultiEntity Required</b> checkbox for enabling the multi-entity deployment. After selecting this checkbox, the + and - icons will be enabled for capturing the entity name.
<b>+</b>	Click + to add a new row for capturing the new entity name.
<b>-</b>	Select the entity name and click -, the deletion of the existing entity name will be done.
<b>Entity Name</b>	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

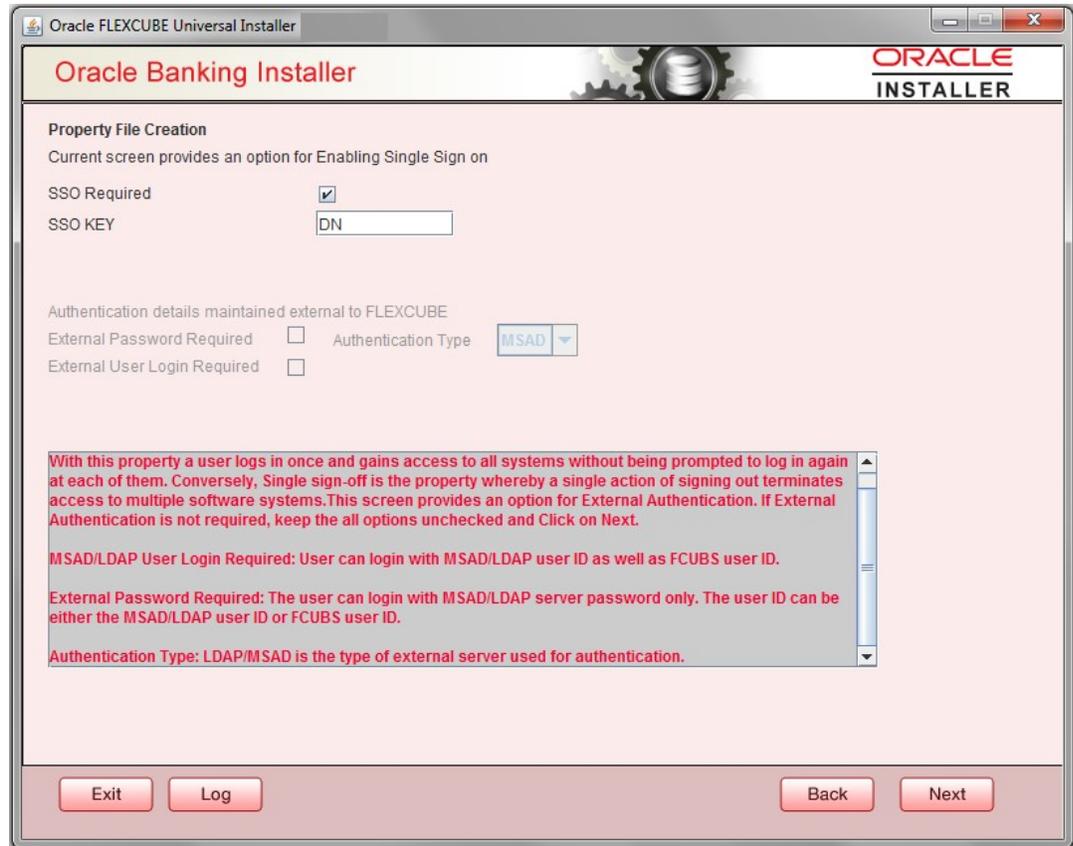


Table 1-13 Property File Creation - Field Description

Field	Description
<b>SSO Required</b>	Select this checkbox to enable single sign-on (SSO). If you select this checkbox, you must specify the SSO Key.
<b>SSO Key</b>	Specify the SSO key. If you have checked the box <b>SSO Required</b> , it is mandatory to specify the SSO key. If you have checked the box <b>SSO Required</b> , 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 <b>SSO Required</b> , then click <b>Next</b> . The following screen is displayed.
<b>External User Login Required</b>	Check this box to enable user login using MSAD/LDAP user ID. <b>Note:</b> 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.

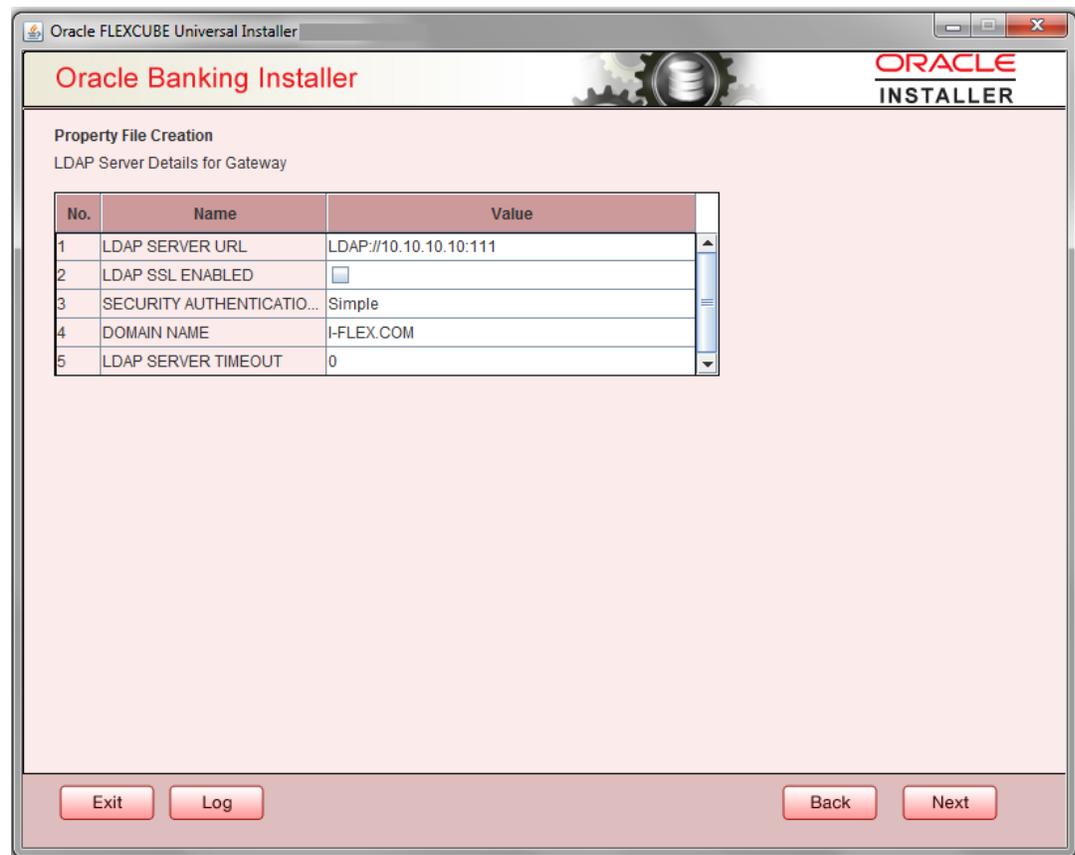
**Table 1-13 (Cont.) Property File Creation - Field Description**

Field	Description
<b>External Password Required</b>	<p>Check this box to allow user login using MSAD/LDAP password irrespective of the user ID.</p> <p>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 -</p> <ul style="list-style-type: none"> <li>MSAD/LDAP user ID</li> <li>FCUBS user ID</li> </ul> <p>If you do not check this box, then the installer skips the following screen and directly navigates to the Modifying Gateway Properties screen.</p>
<b>Authentication Type</b>	<p>Select the authentication type. This is the type of external server that is used. Select one of the following options -</p> <ul style="list-style-type: none"> <li><b>MSAD</b> (Microsoft Active Directory)</li> <li><b>LDAP</b> (Lightweight Directory Access Protocol)</li> </ul> <p>The default option is MSAD. However, it can be changed.</p>

4. Click **Next**.

The **Property File Creation** screen displays.

**Figure 1-26 Property File Creation**



For more information, refer to the fields description table.

Table 1-14 LDAP server details.

Field	Description
<b>LDAP Server URL</b>	Specify the URL to access the LDAP server where the external user ID and password are maintained.
<b>LDAP SSL Enabled</b>	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.
<b>Security Authentication Type</b>	Depending on the authentication mechanism supported by the LDAP server, select one of the following - <ul style="list-style-type: none"><li>• <b>Simple</b></li><li>• <b>Strong</b></li></ul> <b>Notes:</b> <ul style="list-style-type: none"><li>• Different servers support different authentication mechanisms.</li><li>• By default, the security authentication type is <b>Simple</b>, however, you can change this.</li></ul>
<b>Domain Name</b>	Specify the domain name.
<b>LDAP Server Timeout</b>	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
<b>XSD Path</b>	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"> <li>For Windows - <i>D:\Kernel11.1\GW_WS\XSD\</i></li> <li>For Linux - <i>/Kernel11.1/GW_WS/XSD/</i></li> </ul>
<b>Logger File</b>	Specify the path to the <b>gw_ws_logger.properties</b> file with the file name. The file must be manually copied to the specified location. For example, <ul style="list-style-type: none"> <li>For Windows - <i>D:\Kernel11.1\GW_WS\config\gw_ws_logger.properties</i></li> <li>For Linux - <i>/Kernel11.1/GW_WS/config/gw_ws_logger.properties</i></li> </ul>
<b>Debug Path</b>	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"> <li>For Windows - <i>D:\Kernel11.1\GW_WS\log\</i></li> <li>For Linux - <i>/Kernel11.1/GW_WS/log/</i></li> </ul>

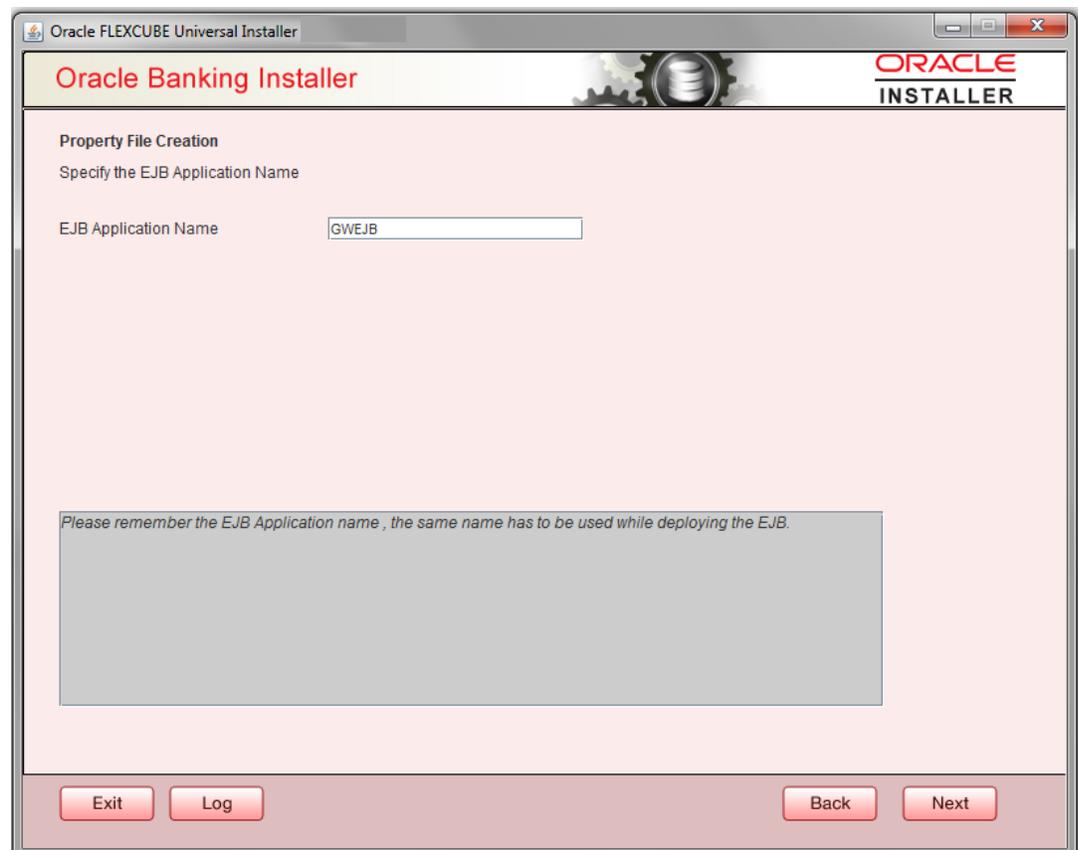
**Table 1-15 (Cont.) Property File Creation - Field Description**

Field	Description
<b>Security Key for Encryption</b>	Specify the security key for the encryption. Here, in this case, it is <b>oraclefinancials</b> .
<b>SMS Pool Name</b>	Specify SMS Pool Name. Here, in this case, it is <b>jdbc/fcjdevDSSMS</b> .
<b>DataSource</b>	The JDBC data source is an object bound to the JNDI tree and provides database connectivity through a pool of JDBC connections.
<b>POSS Datasource</b>	Check this box if POSS is required. If you check this box, specify the POSS Datasource Name in the field below this.
<b>OPSS CSF Available</b>	Indicates whether OPSS-CSF is installed or not. <b>Note:</b> 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.
<b>Distributed Schema</b>	<ul style="list-style-type: none"> <li>• If the schema is distributed, select <b>Yes</b>.</li> <li>• If the schema is not distributed, select <b>No</b>.</li> </ul>
<b>MSG IN LOG Required</b>	Select <b>Yes</b> or <b>No</b> from the drop-down.
<b>MSG OUT LOG Required</b>	Select <b>Yes</b> or <b>No</b> from the drop-down.

6. Click **Next**.

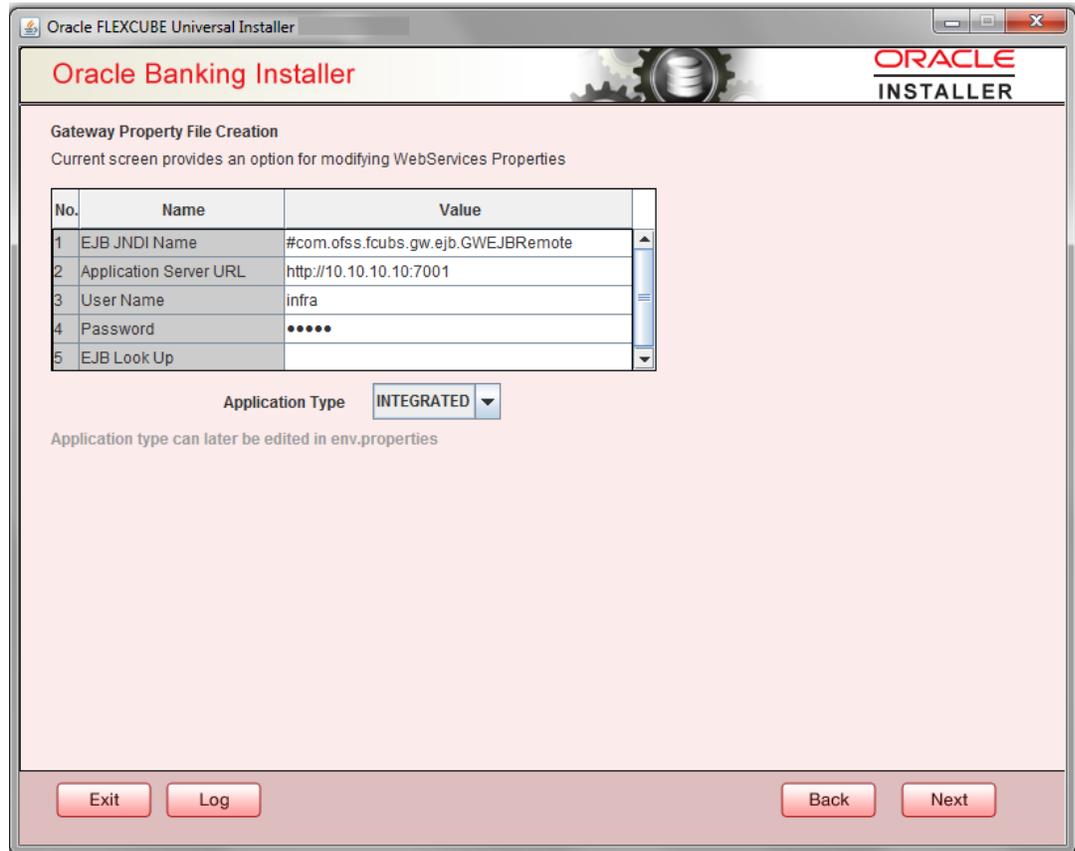
The **Property File Creation** screen displays.

**Figure 1-28 Property File Creation**



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**



For more information, refer to the fields description table.

**Table 1-16 Gateway Property File Creation - Field Description**

Field	Description
<b>EJB JNDI Name</b>	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 <b>REMOTE</b> , this will create <b>&lt;EJB_APPLICATION_NAME&gt;#com.ofss.fcubs.gw.ejb.GWEJBRemote</b> in <b>GW_WS_Prop.properties</b> file. For example, Weblogic/ : GWEJB #com.ofss.fcubs.gw.ejb.GWEJBRemote
<b>Application Server URL</b>	Specify the URL of the application server where the web service application is hosted. For example, Weblogic: t3://10.10.10.10:7001

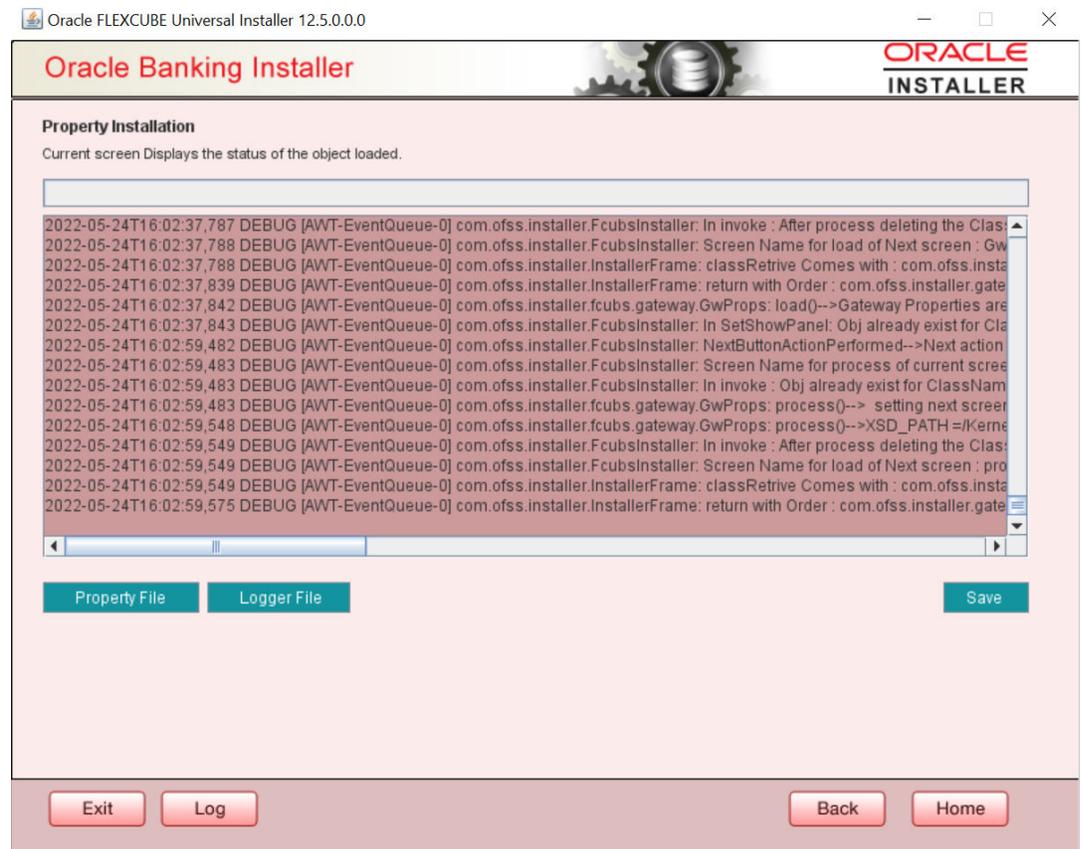
**Table 1-16 (Cont.) Gateway Property File Creation - Field Description**

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

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.

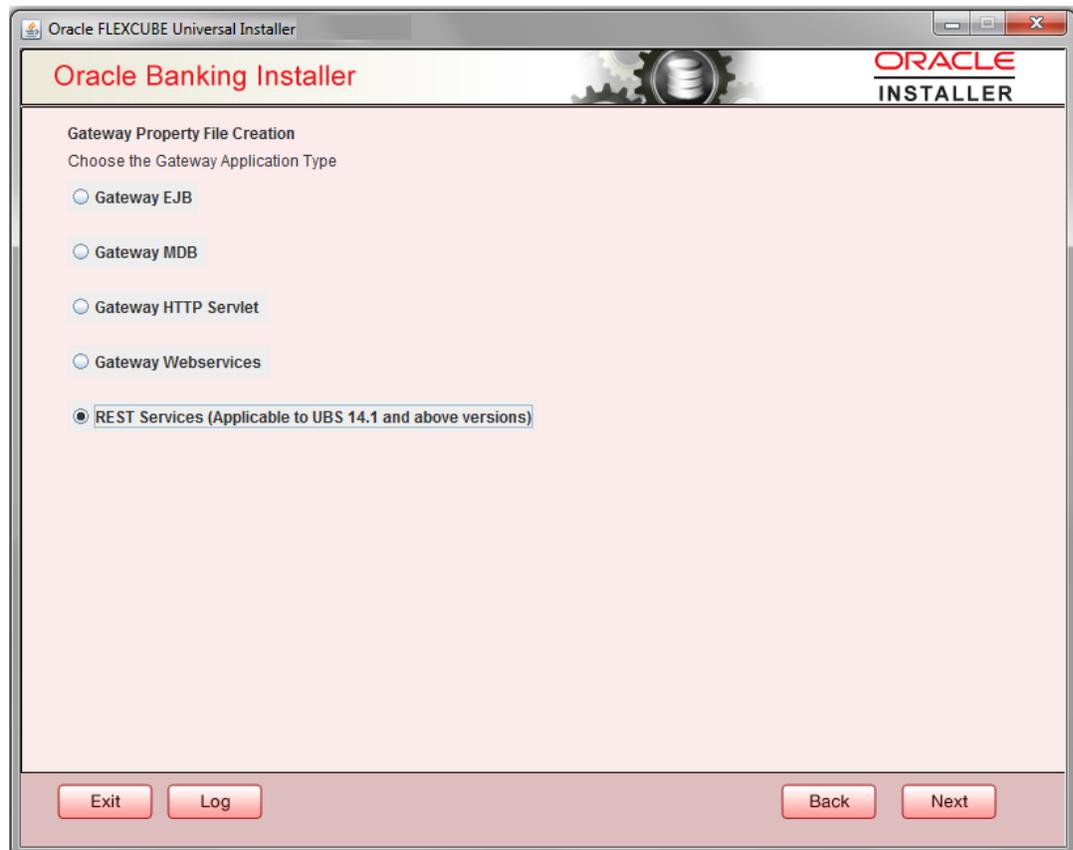
For Gateway EAR Building, refer to the *Installer EAR Building* document.

## 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

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**

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

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

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

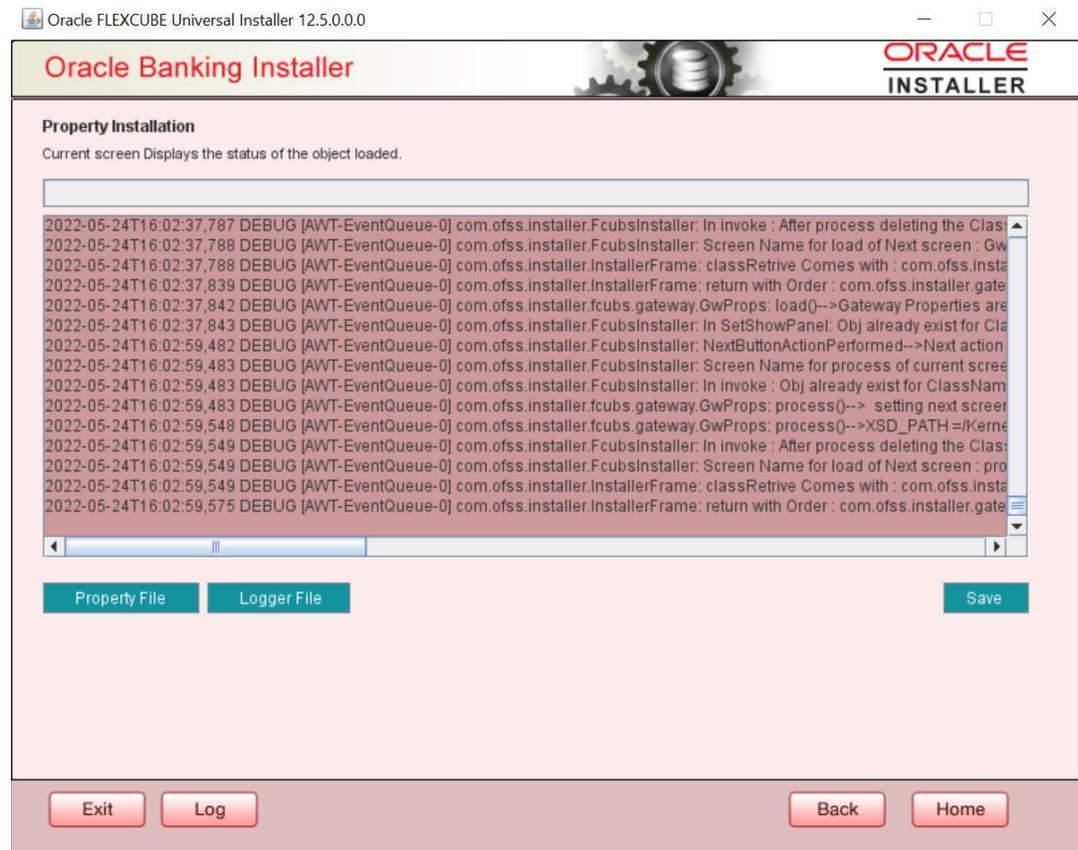
**Table 1-18 (Cont.) REST Services Properties**

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

- Click **Next**.

The **Property Installation** screen displays.

**Figure 1-35 Property Installation**



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

The property file will be created in a temporary folder.