Oracle® Database
GATEWAY Property File Creation

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1.1 Purpose

This guide is designed to help the user to quickly get acquainted with the Customer Standard Instructions maintenance process.

1.2 Audience

This guide is intended for the central administrator of the Bank who controls the system and application parameters and ensures smooth functionality and flexibility of the banking application.

1.3 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.

1.4 Conventions

The following text conventions are used in this document:

Table 1-1   Conventions

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.

Table 1-1   (Cont.) Conventions

Convention	Meaning
italic	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.

1.5 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.

1.6 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.

1.7 Basic Actions

Table 1-2   Basic Actions

Action	Description
Approve	Used to approve the initiated report. This button is displayed, once the user click **Authorize**.
Audit	Used to view the maker details, checker details, and report status.
Authorize	Used to authorize the report created. A maker of the screen is not allowed to authorize the report. Only a checker can authorize a report, created by a maker.
Close	Used to close a record. This action is available only when a record is created.
Confirm	Used to confirm the performed action.
Cancel	Used to cancel the performed action.
Compare	Used to view the comparison through the field values of old record and the current record. This button is displayed in the widget, once the user click **Authorize**.
Collapse All	Used to hide the details in the sections. This button is displayed, once the user click **Compare**.
Expand All	Used to expand and view all the details in the sections. This button is displayed, once the user click **Compare**.

Table 1-2   (Cont.) Basic Actions

Action	Description
New	Used to add a new record. When the user click **New**, the system displays a new record enabling to specify the required data.
OK	Used to confirm the details in the screen.
Save	Used to save the details entered or selected in the screen.
View	Used to view the report details in a particular modification stage. This button is displayed in the widget, once the user click **Authorize**.
View Difference only	Used to view a comparison through the field element values of old record and the current record, which has undergone changes. This button is displayed, once the user click **Compare**.
Unlock	Used to update the details of an existing record. System displays an existing record in editable mode.

1.8 Prerequisite

Specify the **User ID** and **Password**, and login to **Home** screen.

1.9 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.

2

Create Property File for Gateway Applications

- **Introduction**
  This document explains the steps to create the property file for the gateway components viz. Enterprise Java Bean (EJB), Message Driven Beans (MDB), Web Services, and Servlet.

- **Create Property Files**
  This topic explains systematic instructions to create the property file for the Gateway application.

2.1 Introduction

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

2.2 Create Property Files

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

1. Start Oracle FLEXCUBE Universal Banking Solutions Installer by clicking the **FCUBSInstaller.bat** from `INSTALLER\SOFT\GUI`.

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

Figure 2-1   Welcome To Oracle FLEXCUBE Universal Banking Installer
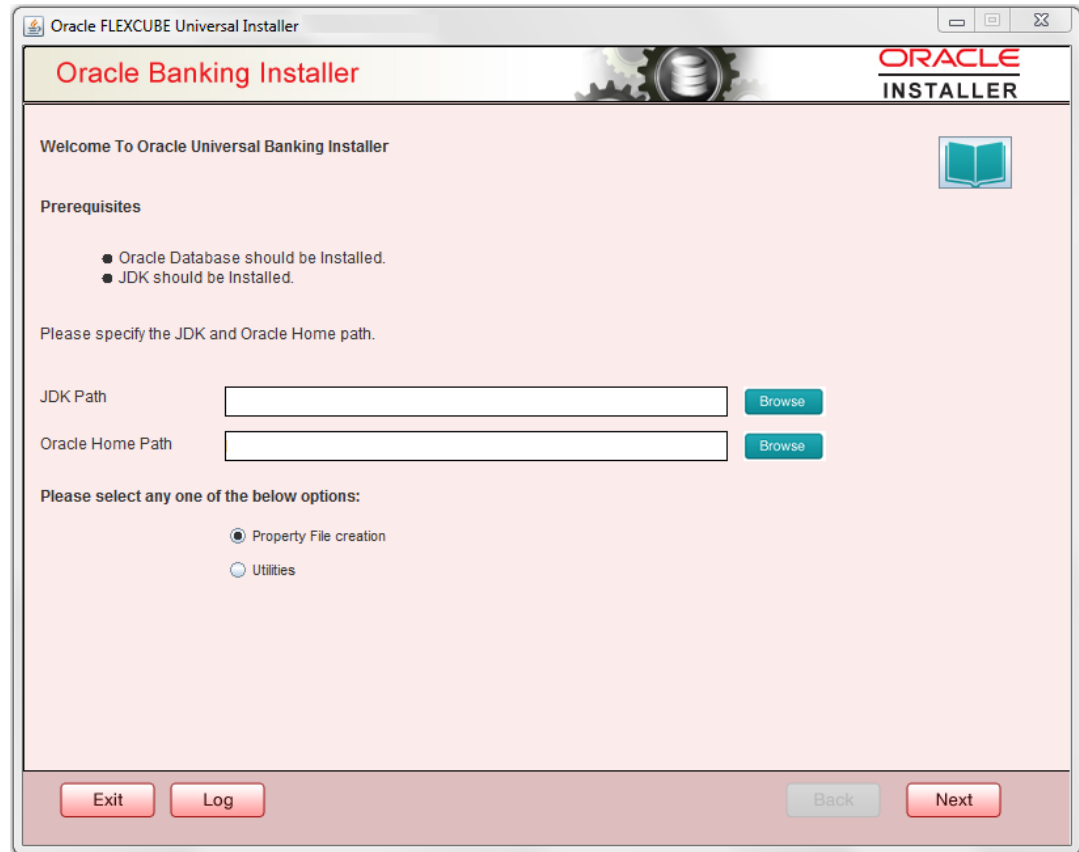
2. On the **Welcome To Oracle FLEXCUBE Universal Banking Installer** screen, click **Browse**, and specify the **JDK Path** and **Oracle Home Path**.

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 2-2   Select One of the Components

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

    The **Environment Details** screen displays.

Figure 2-3   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.

Figure 2-4   Gateway Property File Creation
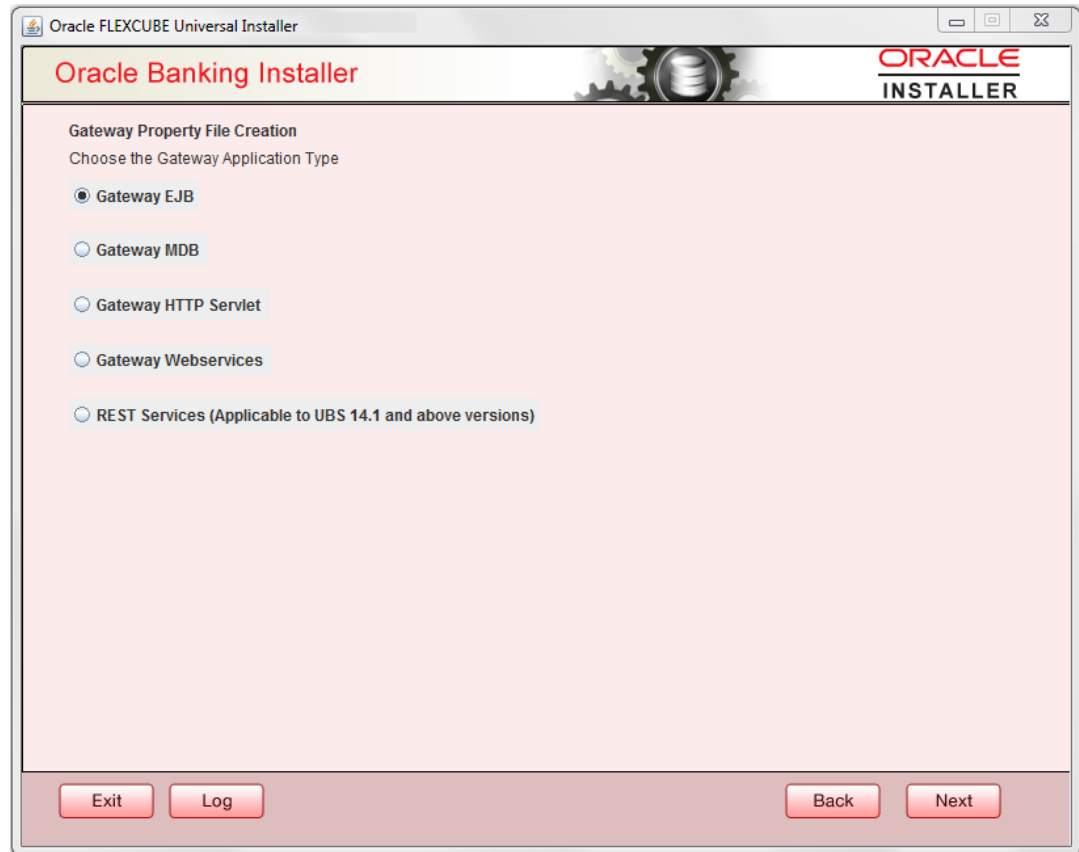
To create a property file through **Gateway EJB**, **Gateway MDB**, **Gateway HTTP Servlet**, **Gateway Webservices**, and **REST Services (Applicable to UBS 14.1 and above versions)**, refer to the following topics:

a.   #unique_24

b.   #unique_25

c.   #unique_26

d.   #unique_27

e.   #unique_28

- 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 type.

2.2.1 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, and click **Next**.

Figure 2-5   Gateway Property File Creation
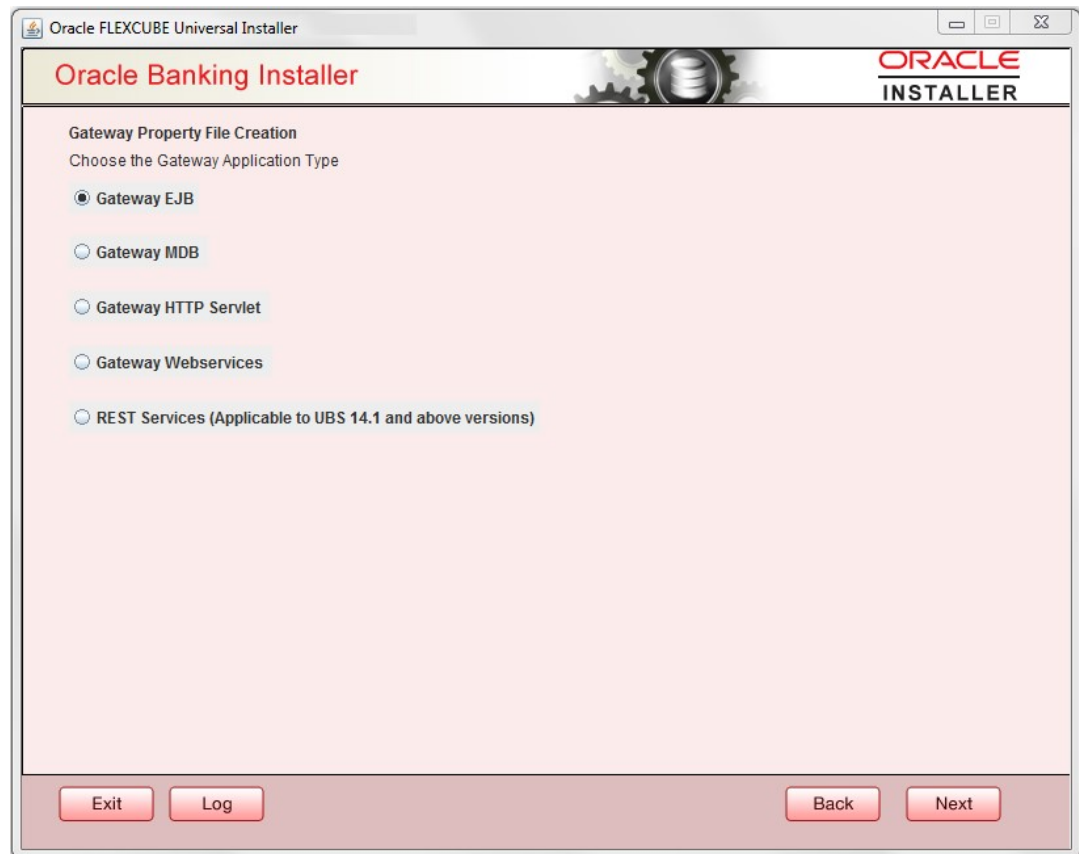
The **Multi Entity Names** screen displays.

Figure 2-6   Multi Entity Names

2. On the **Multi Entity Names** screen, specify the fields.

Table 2-1   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. On the **Multi Entity Names** screen, click **Next**.

The **Property File Creation** screen displays.

Figure 2-7   Property File Creation

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

Table 2-2   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**.

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

Field	Description
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.
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: • 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: • **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.

5. Click **Next**.

   The **Property File Creation** screen displays.

Figure 2-8   Property File Creation

6.   Specify the following LDAP server details.

Table 2-3   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.

Table 2-3   (Cont.) LDAP Server Details

Field	Description

Security Authentication Type	Depending on the authentication mechanism supported by the LDAP server, select one of the following:
	• **Simple**
	• **Strong**
	
	Note:
	
	    • 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.

7. Click **Next**.

   The **Property File Creation** screen displays.

Figure 2-9   Property File Creation

8. On the **Property File Creation** screen, specify the details.

Table 2-4   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 **/**. There must be a **/** at the end. All the relevant XSD files must be manually copied to this location. For example, • For Windows - *D:\Kernel11.1\GW_EJB\XSD* • For Linux - */Kernel11.1/GW_EJB/XSD/*
Logger File	Specify the path to the **gw_ejb_logger.properties** file with the file name. The file must be manually copied to the specified location. For example, • For Windows - *D:\Kernel11.1\GW_EJB\config\gw_ejb_logger.properties* • For Linux - */Kernel11.1/GW_EJB/config/gw_ejb_logger.properties*

Table 2-4   (Cont.) Property File Creation - Field Description

Field	Description
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, • For Windows - *D:\Kernel11.1\GW_EJB\log* • For Linux - */Kernel11.1/GW_EJB/log/*
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	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	If the schema is distributed, select **Yes**. If the schema is not distributed, select **No**.
MSG IN LOG Required	Select **Yes/No** from the drop-down box.
MSG OUT LOG Required	Select **Yes/No** from the drop-down box.

9. Click **Next**.

   The **Property Installation** screen displays.

Figure 2-10   Property Installation
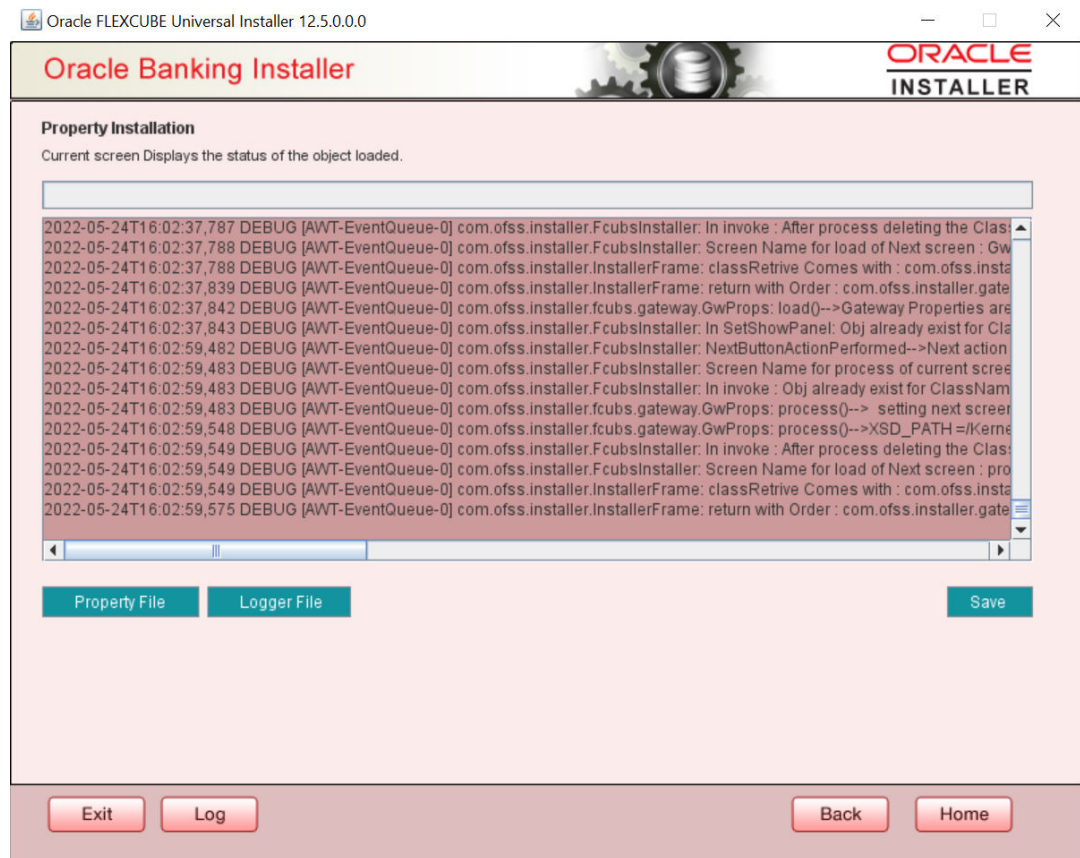
The property file will be created in a temporary folder.

10. Click **Property File** to view the created property file.

11. Click **Save** to save the created property file in the desired location.

2.2.2 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, and click **Next**.

Figure 2-11   Gateway MDB

The **Multi Entity Names** screen displays.

Figure 2-12   Multi Entity

2. On the **Multi Entity Names** screen, specify the fields.

Table 2-5   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	Enter the entity name as a single word. For example, ENTITY1

3. On the **Multi Entity Names** screen, click **Next**.

The **Property File Creation** screen displays.

Figure 2-13   Property File Creation

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

Table 2-6   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 Modifying the Gateway properties screen.

Table 2-6   (Cont.) Property File Creation - Field Description

Field	Description
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 using FCUBS user ID. If you do not check this box, the user can login using FCUBS user ID only. By default, this check box is unchecked. However, you can change this.
External Password Required	Check this box to allow user login using MSAD/LDAP password irrespective of the user ID. By default, this check box is unchecked. However, you can change this. **Note:** 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. The field **Authentication Type** is enabled if one of the check boxes (**External Password Required** or **External User Login Required**) is checked.
Authentication Type	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 - • MSAD (Microsoft Active Directory) • LDAP (Lightweight Directory Access Protocol) The default option is MSAD. However, it can be changed.

5. On the **Property File Creation** screen,click **Next**.

The **Property File Creation** screen displays.

Figure 2-14   Property File Creation

6. Specify the following LDAP server details.

Table 2-7   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.

Table 2-7   (Cont.) LDAP server details.

Field	Description
Security Authentication Type	Depending on the authentication mechanism supported by the LDAP server, select one of the following - • **Simple** • **Strong** **Note:** • 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.

7. Click **Next**.

   The **Property File Creation** screen displays.

Figure 2-15   Property File Creation

8. On the **Property File Creation** screen, specify the details.

Table 2-8   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, • 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, • For Windows - *D:\Kernel11.1\GW_MDB\config\gw_mdb_logger.properties* • For Linux - */Kernel11.1/GW_MDB/config/gw_mdb_logger.properties*

Table 2-8   (Cont.) Property File Creation - Field Description

Field	Description
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, • For Windows - *D:\Kernel11.1\GW_MDB\log* • For Linux - */Kernel11.1/GW_MDB/log/*
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	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	If the schema is distributed, select **Yes**. If the schema is not distributed, select **No**.

9. Click **Next**.

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

Figure 2-16   Gateway Property File Creation

10. On the **Gateway Property File Creation** screen, specify the details.

Table 2-9   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 **✎ Note:** Refer to the Resources To Be Created document 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 viz. **gw_mdb_logger.properties** and **GW_MDB_Prop.properties** in the path provided to save the files.

11. On the **Gateway Property File Creation** screen, click **Next**.

The **Property Installation** screen displays.

Figure 2-17   Property Installation
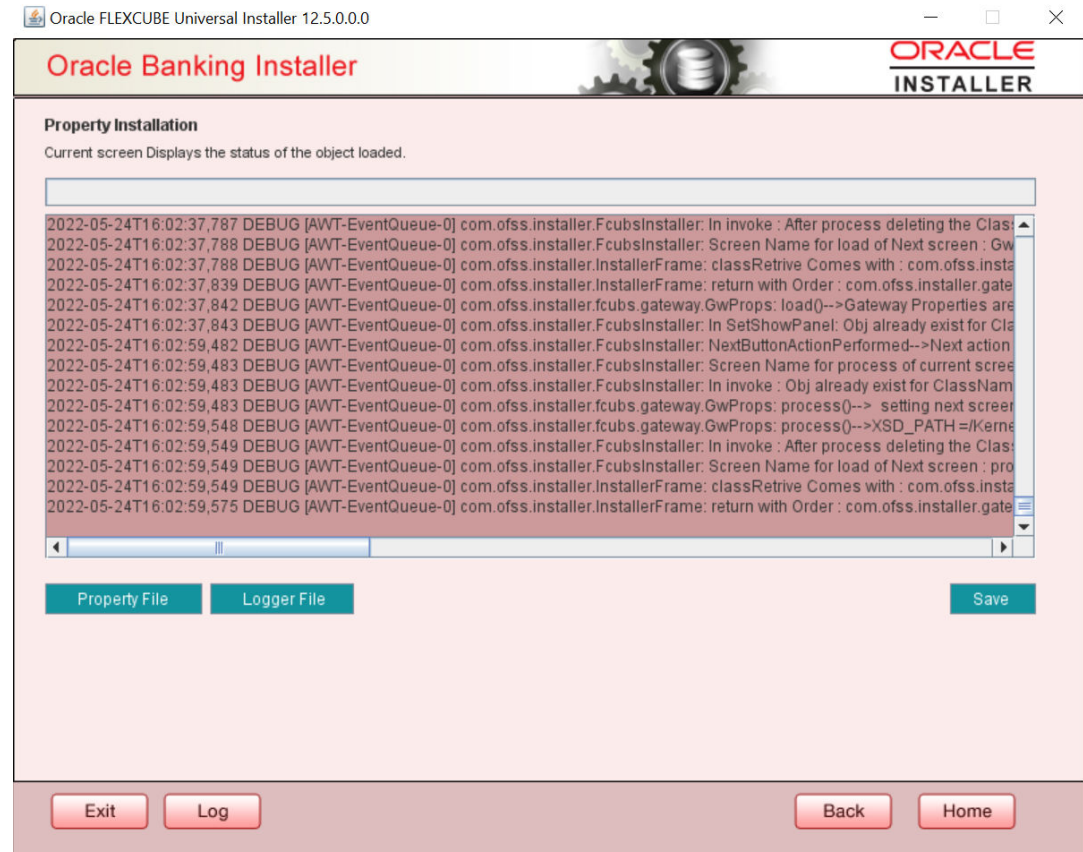
12. Click **Property File** to view the created property file.

13. Click **Save** to save the created property file in the desired location.

2.2.3 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, and click **Next**.

Figure 2-18   Gateway HTTP Servlet

The **Multi Entity Names** screen displays.

Figure 2-19   Multi Entity Names

2. On the **Multi Entity Names** screen, specify the details.

Table 2-10   Multi Entity Names - Field Description

Field	Description
MultiEntity Required	Check the **MultiEntity Required** box for enabling the multi-entity deployment. After checking this box, **+**, **-** 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. On the **Multi Entity Names** screen, click **Next**.

    The **Property File Creation** screen displays.

Figure 2-20   Property File Creation

4. On the **Property File Creation** screen, specify the details.

Table 2-11   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 **/**. There must be a **/** at the end. All the relevant XSD files must be manually copied to this location. For example, • 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, • For Windows - *D:\Kernel11.1\GW_HTTP\config\gw_http_logger.properties* • For Linux - */Kernel11.1/GW_HTTP/config/gw_http_logger.properties*

Table 2-11   (Cont.) Property File Creation - Field Description

| Field	Description
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, • For Windows - *D:\Kernel11.1\GW_HTTP\log* • For Linux - */Kernel11.1/GW_HTTP/log/*
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	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	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.

5. Click **Next**.

The **Property Installation** screen displays.

Figure 2-21   Property Installation
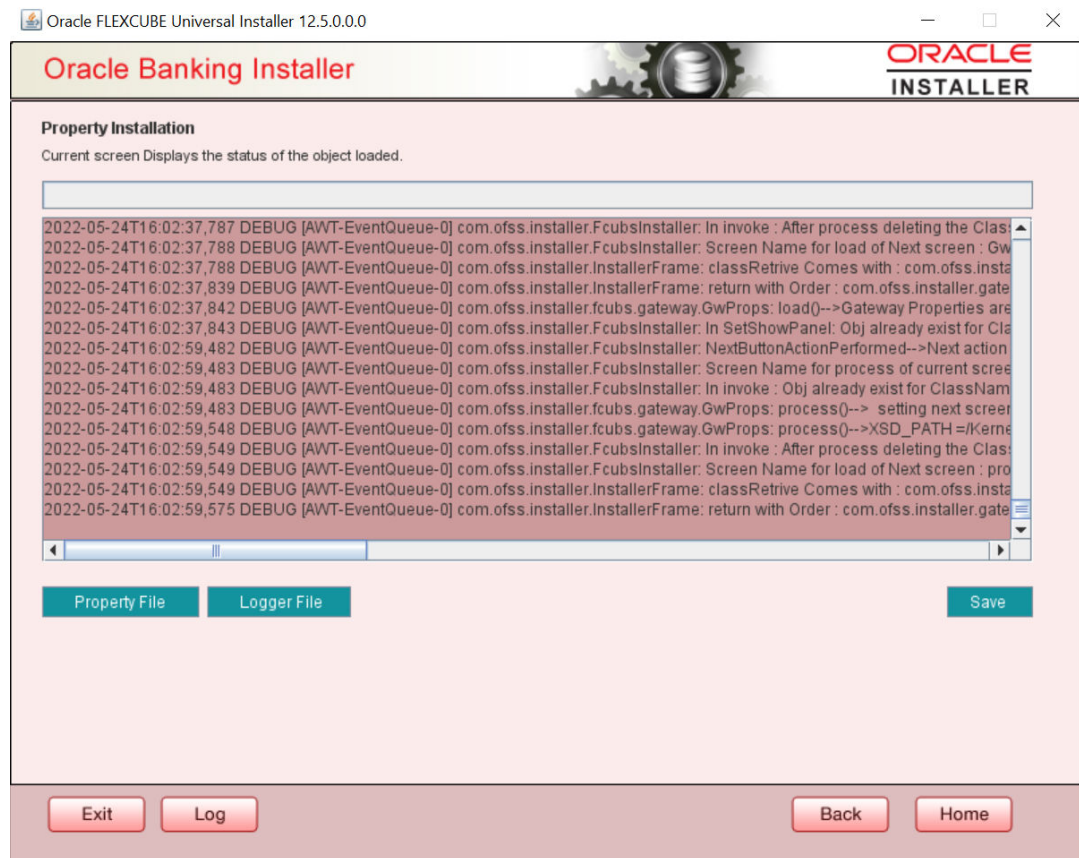
The property file will be created in a temporary folder.

6. Click **Property File** to view the created property file.

7. 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* document.

2.2.4 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, and click **Next**.

Figure 2-22   Gateway Web Service

The **Multi Entity Names** screen displays.

Figure 2-23   Multi Entity Names

2. On the **Multi Entity Names** screen, specify the details.

Table 2-12   Multi Entity Names - Field Description

Field	Description
MultiEntity Required	Check the **MultiEntity Required** box for enabling the multi-entity deployment. After checking this box, **+**, **-** 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. On the **Multi Entity Names** screen, click **Next**.

The **Property File Creation** screen displays.

Figure 2-24   Property File Creation

4. On the **Property File Creation** screen, specify the details.

Table 2-13   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**. The following screen is displayed.

Table 2-13   (Cont.) Property File Creation - Field Description

Field	Description
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 FCUBS user ID. If you do not check this box, the user can login using FCUBS user ID only.
External Password Required	Check this box to allow user login using MSAD/LDAP password irrespective of the user ID. **◆ Note:** If you check this box, the user can log in using MSAD/LDAP server password only. The user ID can be one of the following - • 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 - • MSAD (Microsoft Active Directory) • LDAP (Lightweight Directory Access Protocol) The default option is MSAD. However, it can be changed.

5. Click **Next**.

   The **Property File Creation** screen displays.

Figure 2-25   Property File Creation

6. Specify the following LDAP server details.

Table 2-14   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.

Table 2-14   (Cont.) LDAP server details.

Field	Description
Security Authentication Type	Depending on the authentication mechanism supported by the LDAP server, select one of the following - • **Simple** • **Strong** **Note:** • 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.

7. Click **Next**.

   The **Property File Creation** screen displays.

Figure 2-26   Property file Creation - Modify Gateway Properties

8. On the **Property File Creation** screen, specify the details.

Table 2-15   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 **/**. There must be a **/** at the end. All the relevant XSD files must be manually copied to this location. For example, • For Windows - *D:\Kernel11.1\GW_WS\XSD* • For Linux - */Kernel11.1/GW_WS/XSD/*
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, • For Windows - *D:\Kernel11.1\GW_WS\config\gw_ws_logge r.properties* • For Linux - */Kernel11.1/GW_WS/config/ gw_ws_logger.properties*

Table 2-15   (Cont.) Property File Creation - Field Description

Field	Description
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, • For Windows - *D:\Kernel11.1\GW_WS\log* • For Linux - */Kernel11.1/GW_WS/log/*
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	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	If the schema is distributed, select **Yes**. If the schema is not distributed, select **No**.
MSG IN LOG Required	Select **Yes/No** from the drop-down box.
MSG OUT LOG Required	Select **Yes/No** from the drop-down box.

9. Click **Next**.

   The **Property File Creation** screen displays.

10. On the **Property File Creation** screen, specify the name of the EJB application deployed.

    For example, GWEJB

11. Click **Next**.

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

12. Specify the Gateway property file details.

Table 2-16   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
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. Note: • 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.

13. Click **Next**.

The **Property Installation** screen displays.

Figure 2-27   Property Installation
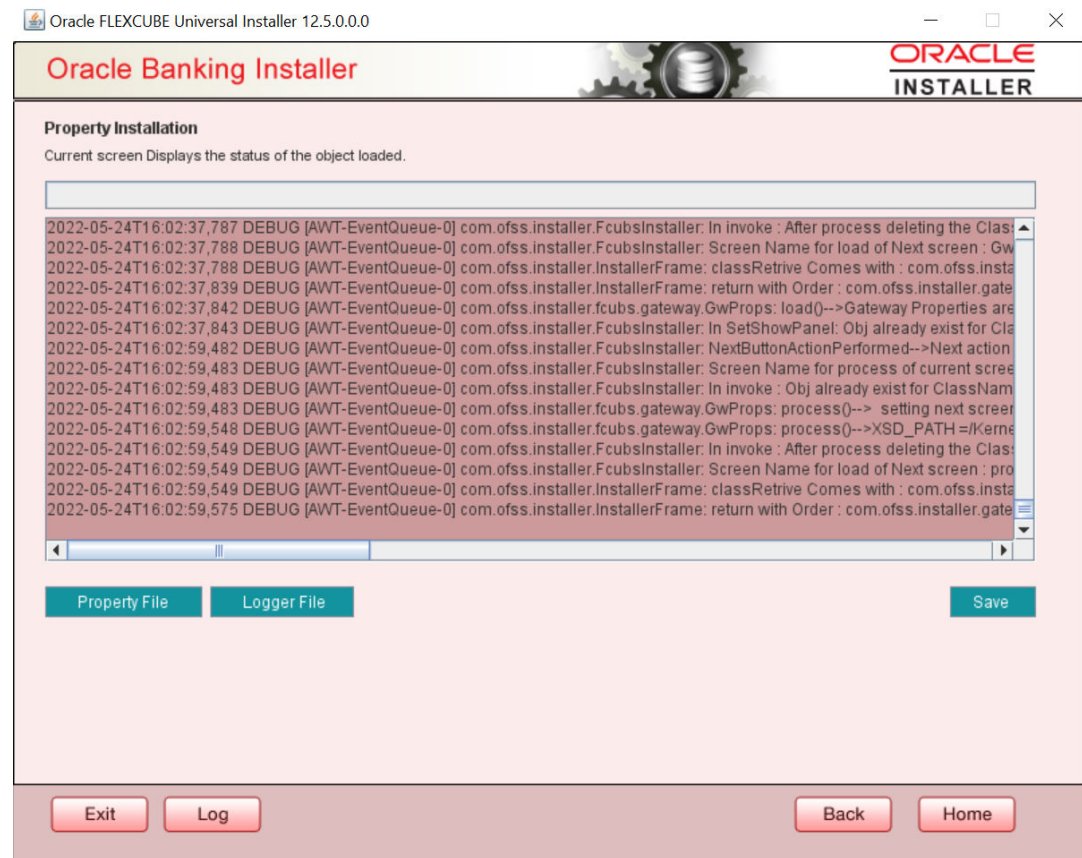
The property file will be created in a temporary folder.

14. Click **Property File** to view the created property file.

15. 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.

2.2.5 REST Services Application

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

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

Figure 2-28   REST Services_Gateway Property File Creation
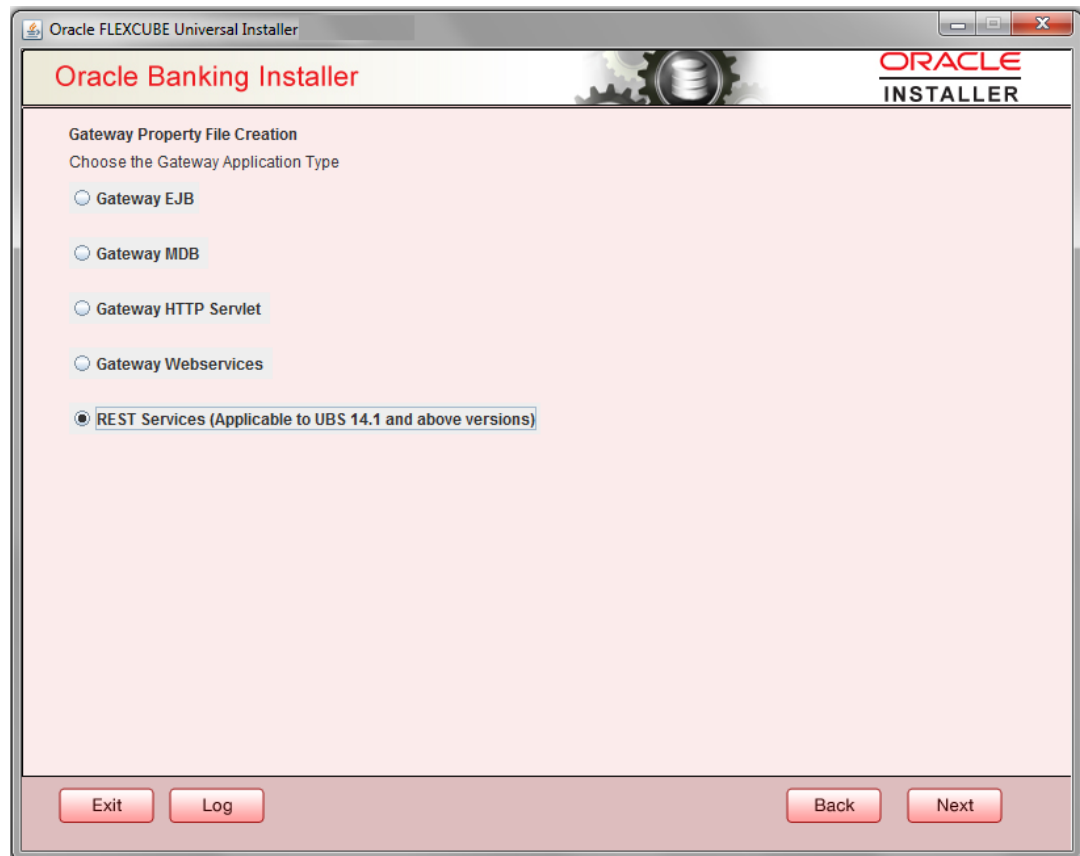
The **SMS Schema Details** screen displays.

Figure 2-29   SMS Schema Details

2. Enter a valid **Username**, **Password**, **Service Name IP Address**, **Port**, and **TNS Connect Descriptor**, and click **Test Connection**.

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

3. On the **SMS Schema Details** screen, click **Next**.

   The **Property File Creation** screen displays.

Figure 2-30   Property File Creation

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

Table 2-17   Property File Creation - File Description

Field	Description
XSD Path	Enter the XSD path.
Logger File	Enter logger property file path.
Debug Path	Enter 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	Enter valid pool name. This field displays the default value **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	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 2-17   (Cont.) Property File Creation - File Description

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

5. Click **Next** to enter REST Services information.

   The **RESTServices Properties** screen displays.

Figure 2-31   RESTServices Properties

6. On the **RESTServices Properties** screen, specify the fields.

Table 2-18   REST Services Properties

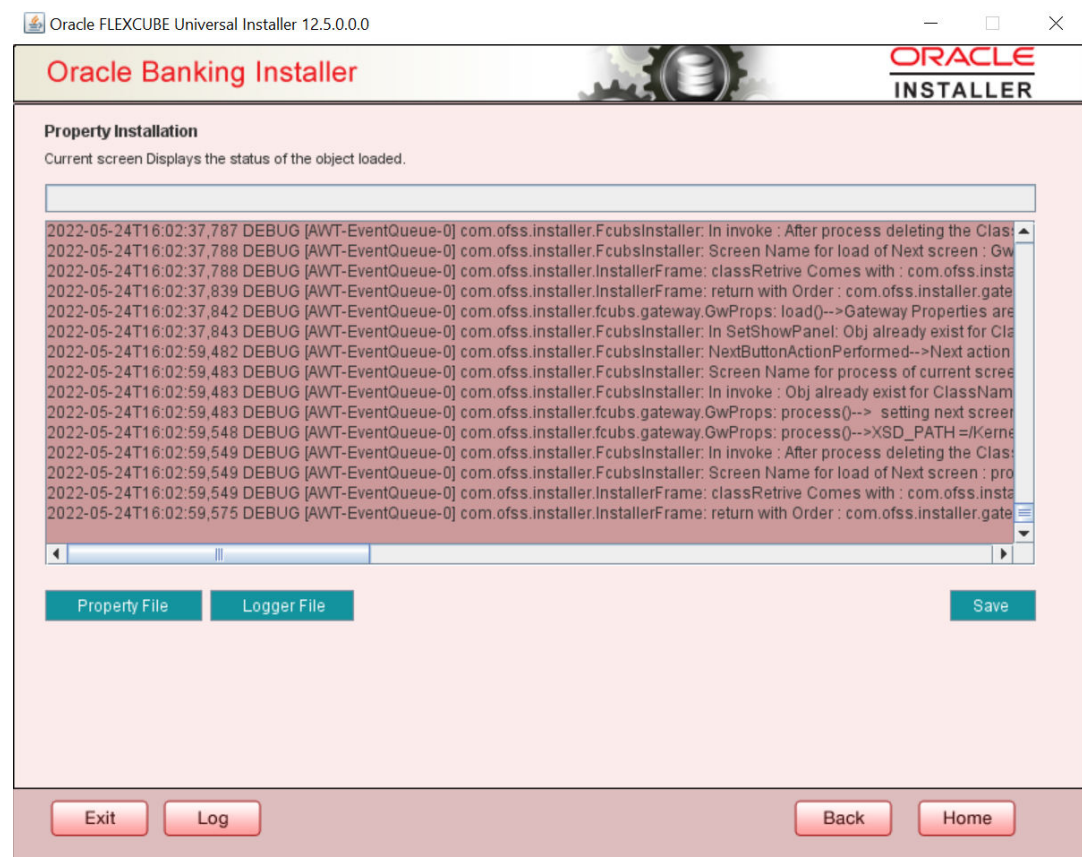| Field	Description
REST Services Logger File	Enter logger property file path.
REST Services Debug Path	Enter the path where debugs are to be written.
REST Services Security Key for Encryption	Specify the security key for the encryption. In this case, it is **oraclefinancialsolutions**.
REST Services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

Table 2-18   (Cont.) REST Services Properties

Field	Description
Authentication Scheme	Select **Authentication Scheme** from the drop-down list. • **OAUTH** • **FLEXCUBE** For the **FLEXCUBE** authentication scheme, **REST Client ID**, **REST Client Secret**, and **Access Token URL** are disabled. The same has to be entered if **OAUTH** is selected.
CTX factory	Enter valid CTX factory information.
Provider URL	Enter the URL with the valid port number.
Security Principal	Enter the security principal user name.
Security Credentials	Enter the security principal password.
JNDI Name	In this field, **JNDI Name** is defaulted based on the application server selected.

7. On the **RESTServices Properties** screen, click **Next**.

The **Property Installation** screen displays.

Figure 2-32   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.