Oracle® Banking Payments
GATEWAY Property File Creation

Release 14.7.0.0.0

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Oracle Banking Payments GATEWAY Property File Creation, Release 14.7.0.0.0

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Contents

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Preface

Purpose

This guide is designed to help acquaint you with the Oracle Banking Payments application. This guide provides answers to specific features and procedures that the user need to be aware of the module to function successfully.

Audience

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

Table 1-1   User Roles

Role	Function
Implementation & IT Staff	Implementation & Maintenance of the Software

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

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 make sure effective security, as strongly recommended by Oracle Software Security Assurance.

Diversity and Inclusion

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

Conventions

The following text conventions are used in this document:

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

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Creating Property File for Gateway Applications

- • Introduction
  This chapter 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 File
  This topic explains systematic instructions to create the property file for the Gateway application.

Introduction

This chapter 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 File

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
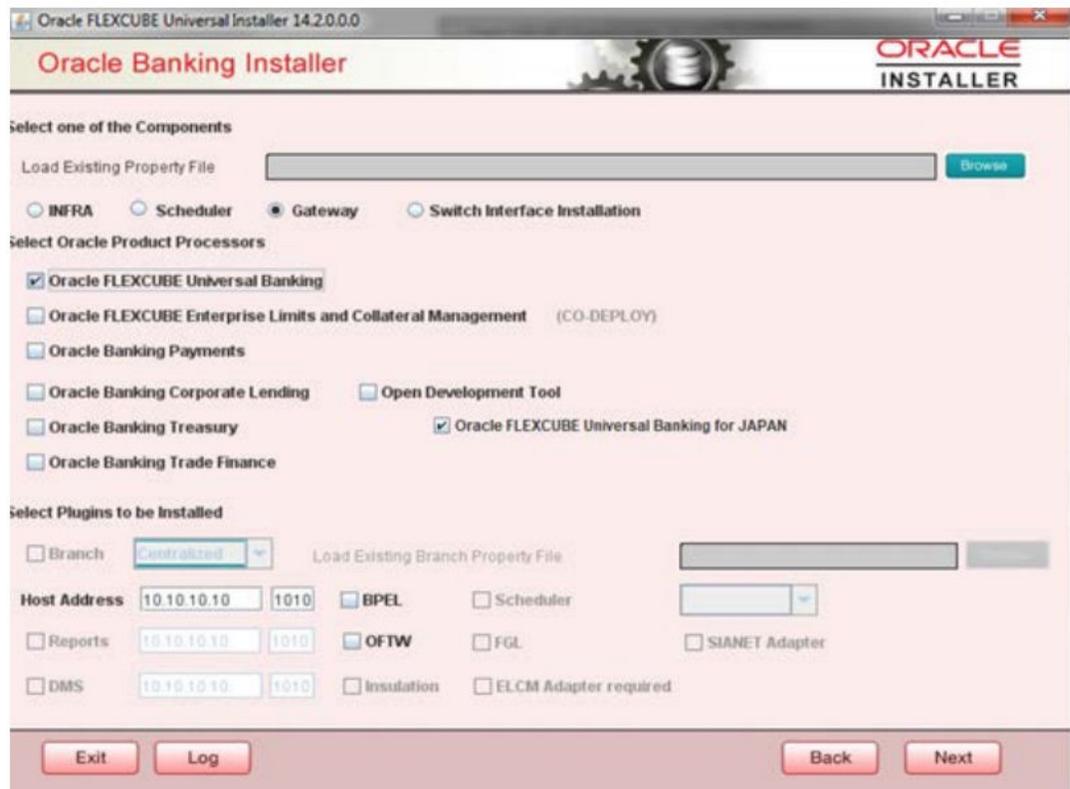
2. Select component as **Gateway**.

   OFTW plugin (Oracle FLEXCUBE Testing WorkBench) can be checked if needed and then Click **Next**button.

Figure 2-2   Gateway

3. Enter the Required details in the Screen.

Specify the **EAR name**, valid **Application Server Path**, **Source**, and **EAR destination path** and click **Next** button.

Figure 2-3   Provide Environmental details

- • [Gateway EJB Application]
- • [Gateway MDB Application]
- • [Gateway HTTP Servlet Application]

Gateway EJB Application

1. Select **Gateway EJB** as the application type .

Figure 2-4   Gateway Property File Creation
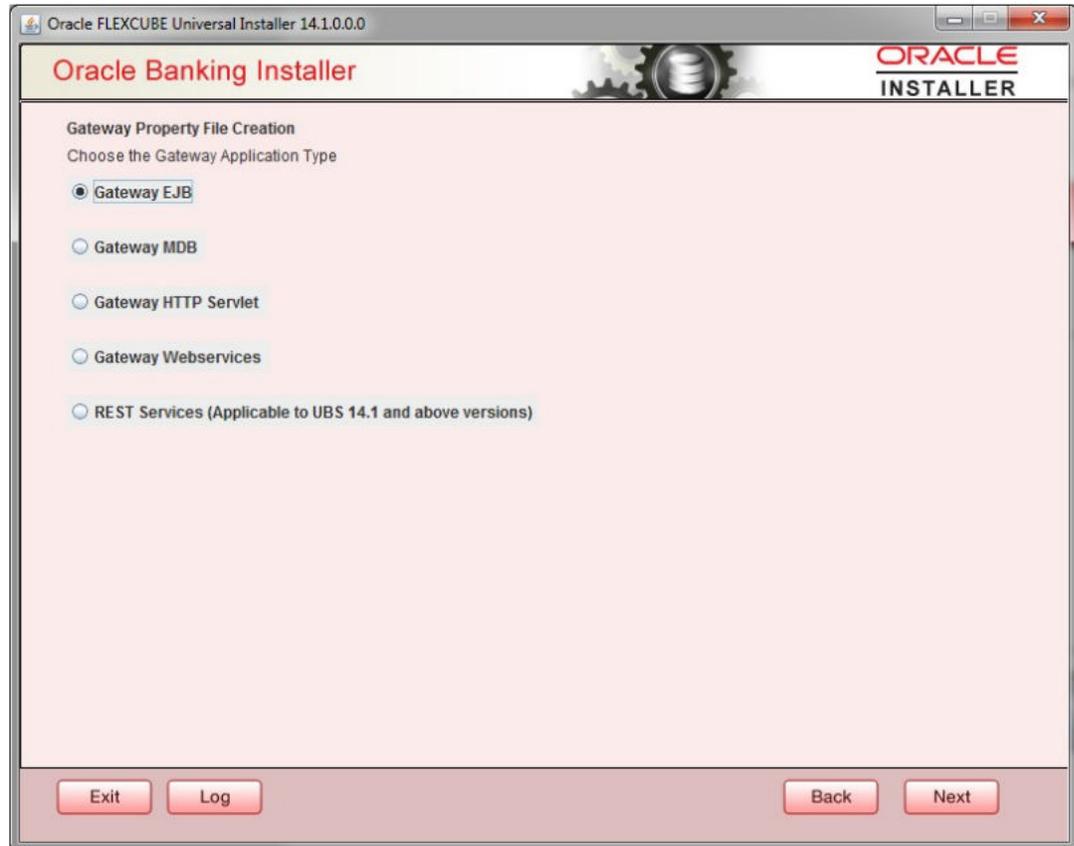
> **Note:**
>
> Before proceeding, ensure that the folder structures used in the following steps are created.

2. Click **Next** button.

The installer displays the 'Multi Entity' screen.

Figure 2-5   Multi Entity
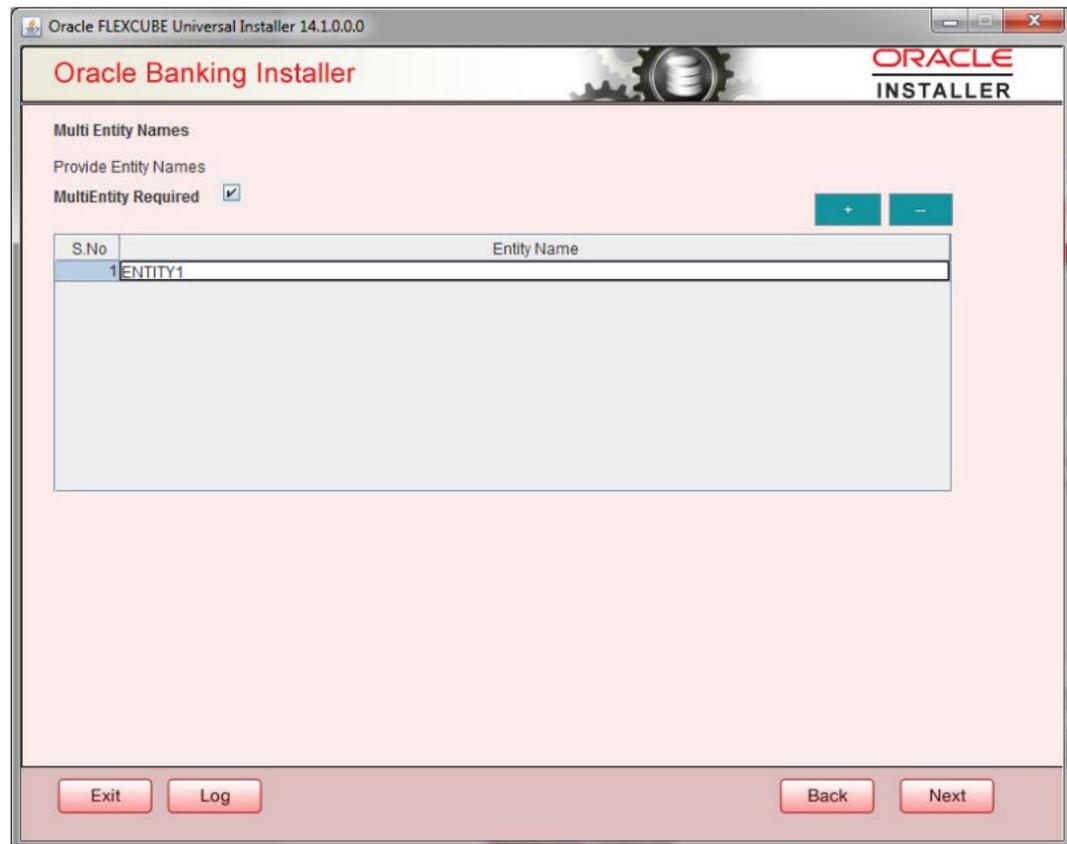
3. On the **Multi Entity Names** screen, specify the fields.

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

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

    The **Property File Creation** screen displays.

Figure 2-6   Property File Creation
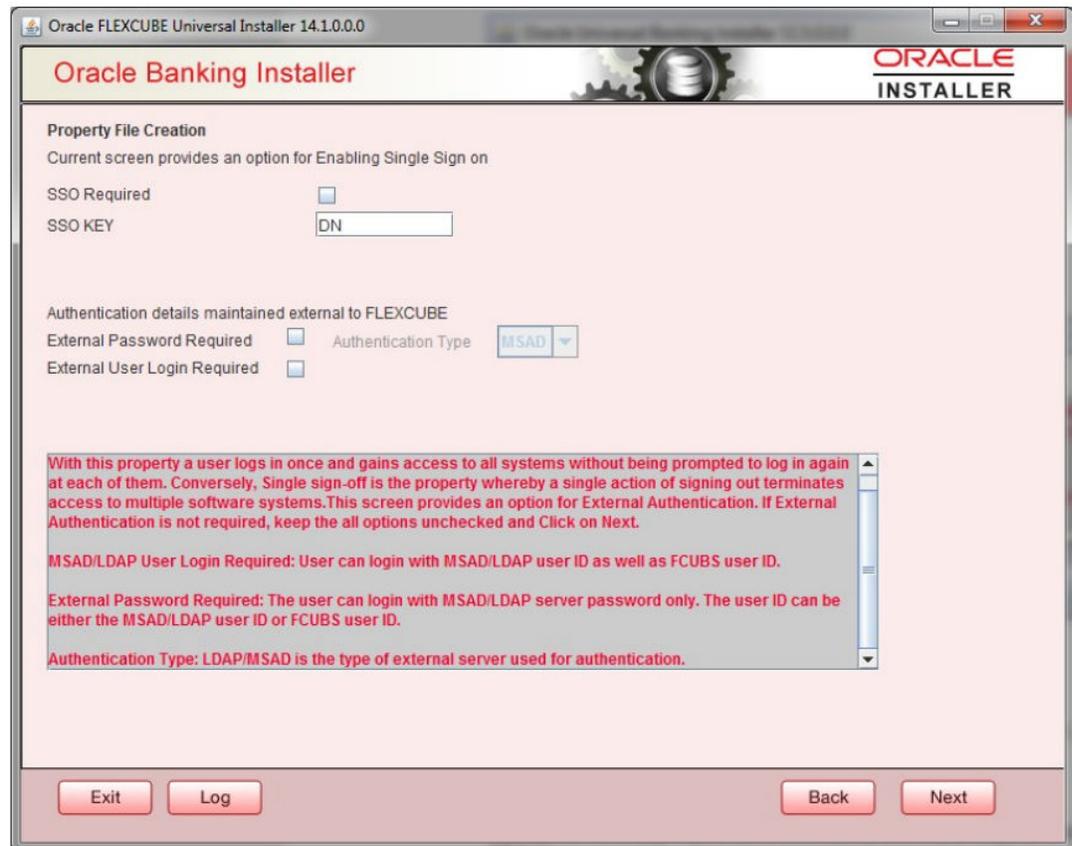
5. On the **Property File Creation** screen, specify the fields.

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. **Figure 2-7 Property File Creation**

Table 2-2   (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: • MSAD/LDAP user ID • Payments user Id If you do not check this box, then the installer skips the following screen and directly navigates to the Modifying Gateway Properties screen. **Figure 2-8 Property File Creation**
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.
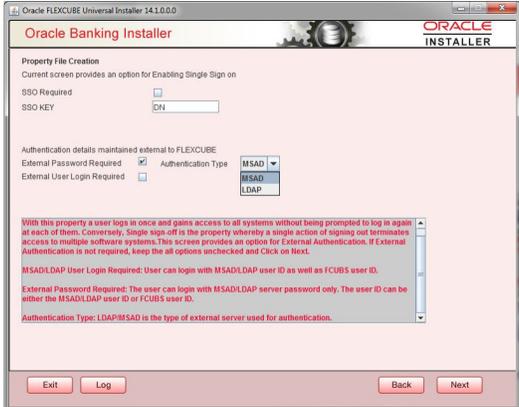
If you checked the boxes (**External User Login Required** and **External Password Required**, then the installer navigates to the following screen.

6. Click **Next**.

The **Property File Creation** screen displays.

Figure 2-9   Property File Creation
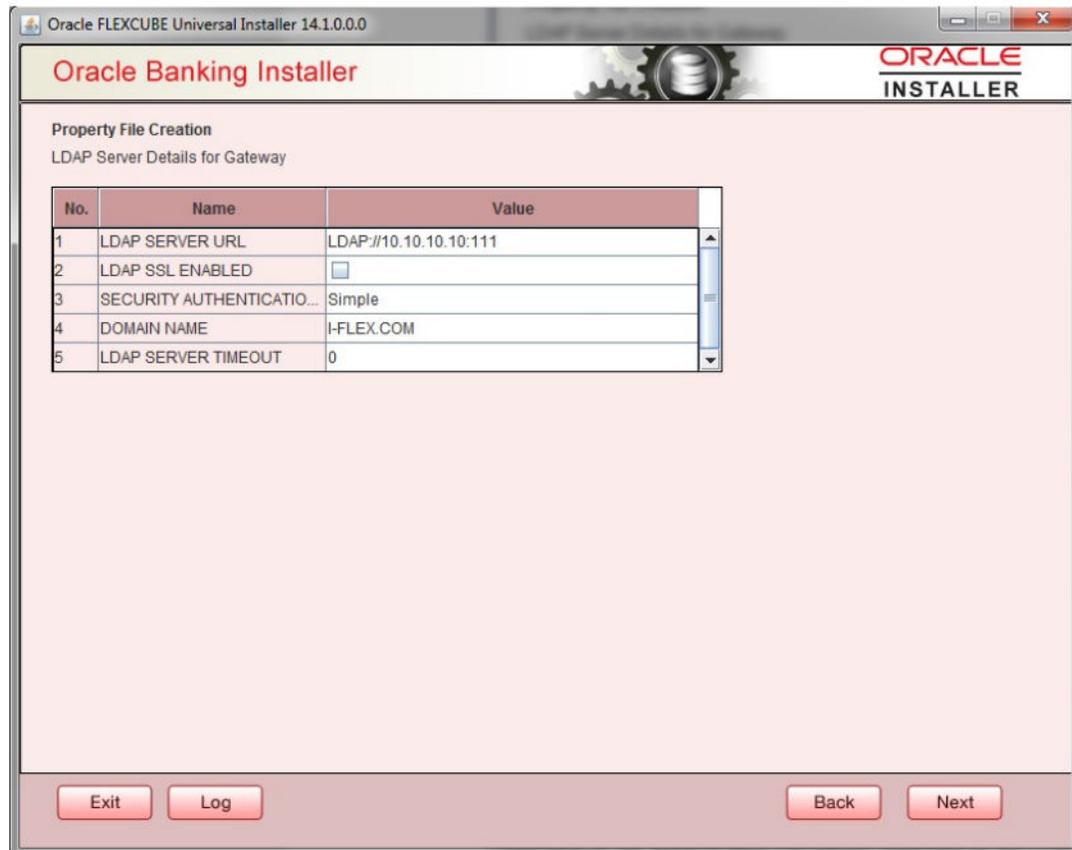
7. Specify the following LDAP server details.

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.

8. Click **Next**.

The **Property File Creation** screen displays.

Figure 2-10   Property File Creation
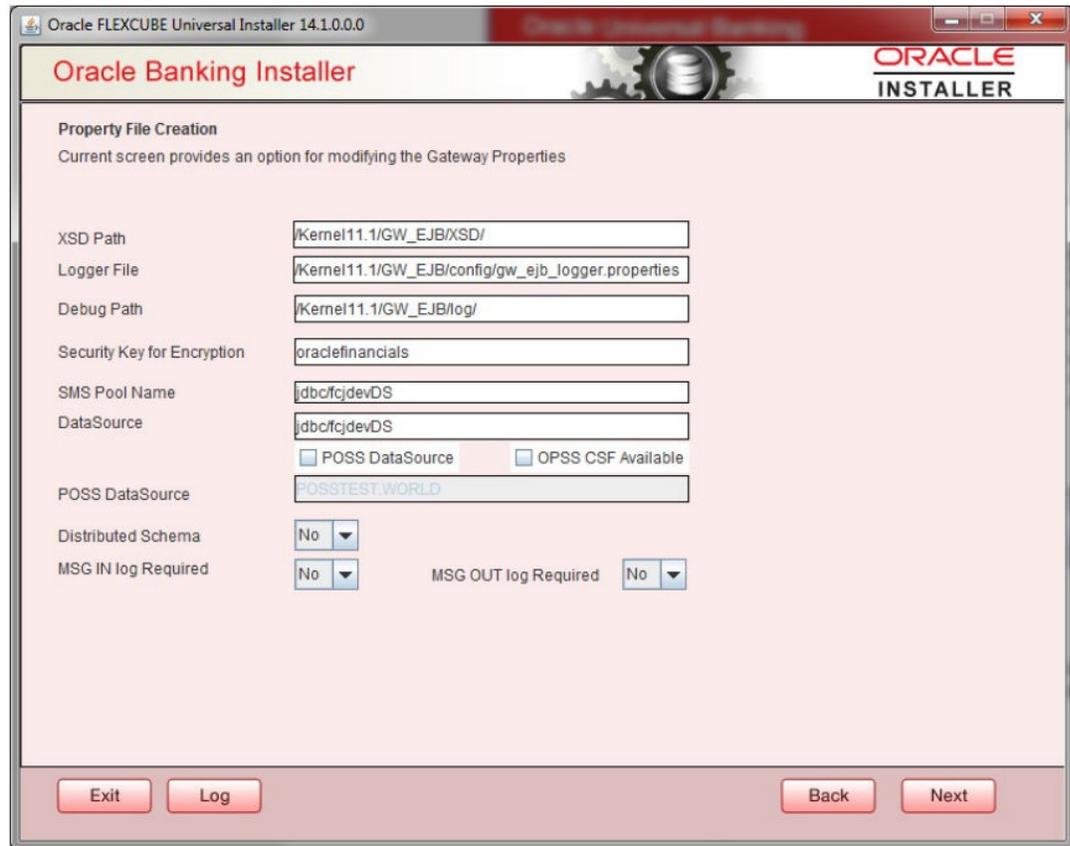
9.   On the **Property File Creation** screen, specify the details.

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/*

10. Click **Next**, specify the details.

> **Note:**
>
> The Installer creates two files viz. 'gw_ejb_logger.properties' and 'GW_EJB_Prop.propeties' in the path provided to save the files.

Figure 2-11 Property File Creation
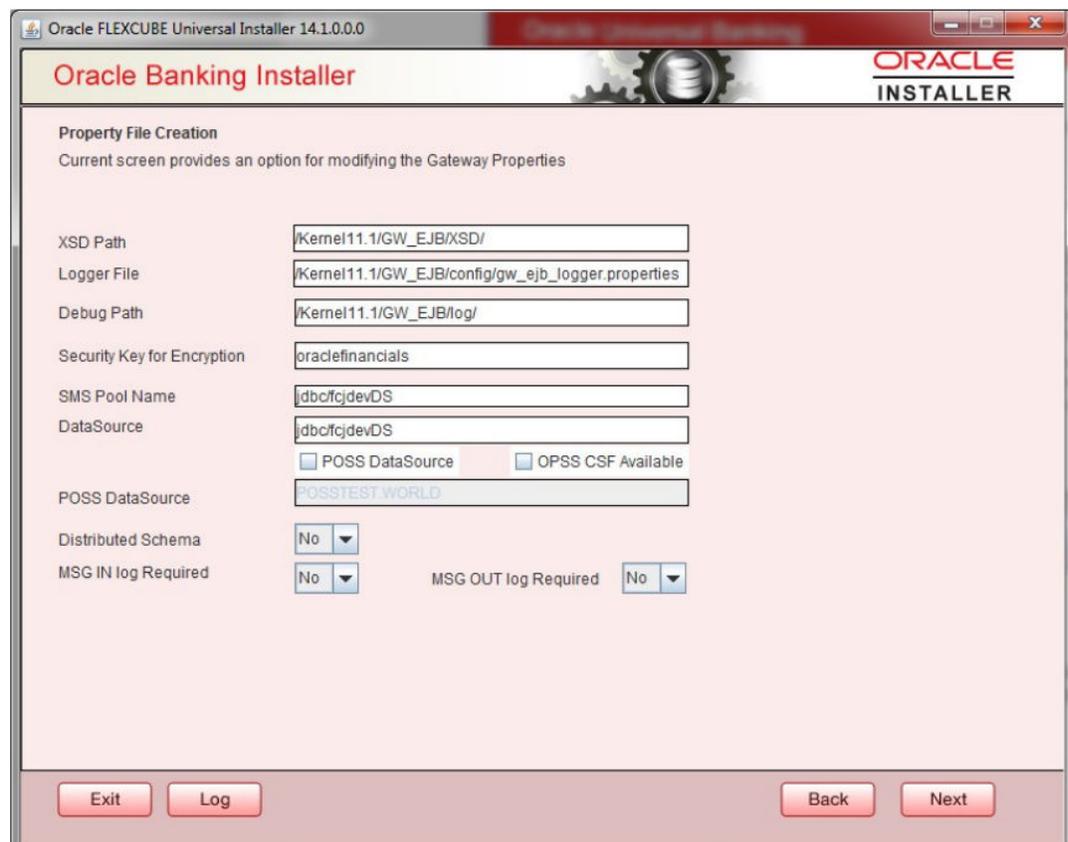
Table 2-5   Property File Creation - Field Description

Field	Description
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**.
Security Key for Encryption	Specify the security key for the Encription,here in this case it is 'Oraclefinancialsolutions'.
RTT plugin Required	Chose the check box if rtt plugin is required.
MSG IN LOG Required	Select **Yes/No** from the drop-down box.
MSG OUT LOG Required	Select **Yes/No** from the drop-down box.

11. Click **Next**.

    The **Property Installation** screen displays.

Figure 2-12   Property File Installation
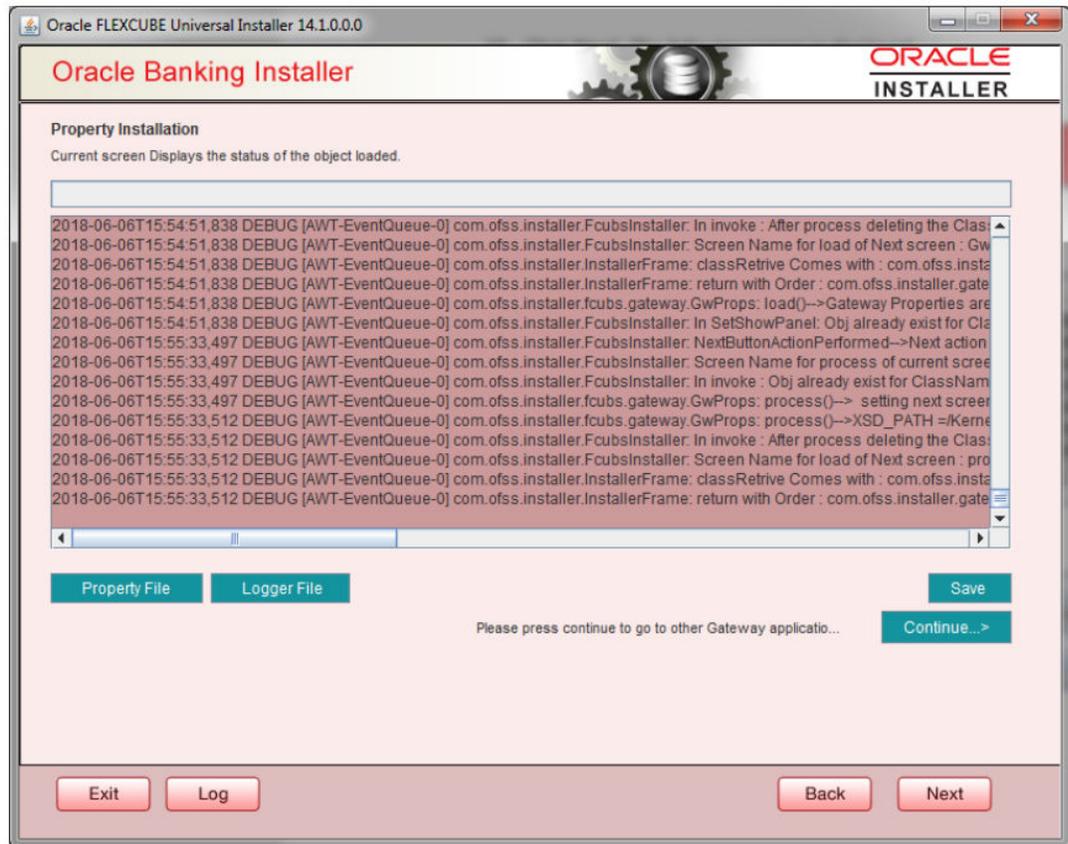
The property file will be created in a temporary folder.

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

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

14. Click **Continue** to continue the installation process with gateway application type.

15. Click **Next** to navigate to the installer home screen.

Gateway MDB Application

1. Start Oracle Universal Banking Solution Installer.

2. Select **Gateway MDB** application type, and click **Next**.

Figure 2-13   Provide Environment Details

3. Enter the Required details in the Screen. Specify the **EAR name**, valid **Application Server Path**, **Source**, and **EAR** destination path and click **Next** button.

Figure 2-14   Gateway Property File Creation
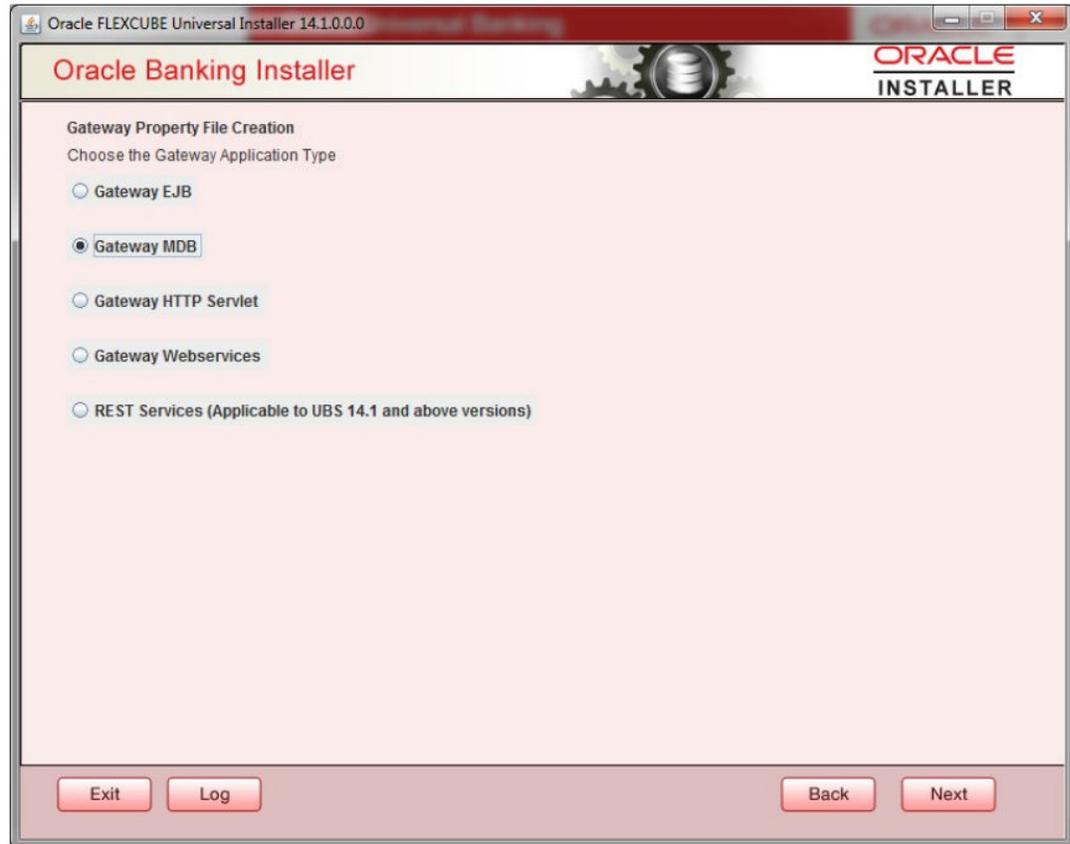
4. On the **Gateway Property File Creation** screen, select **Gateway MDB** to create configuration files for the application.

5. Click **Next**, the installer displays the **Multi Entity** screen.

Figure 2-15   Multi Entity Name
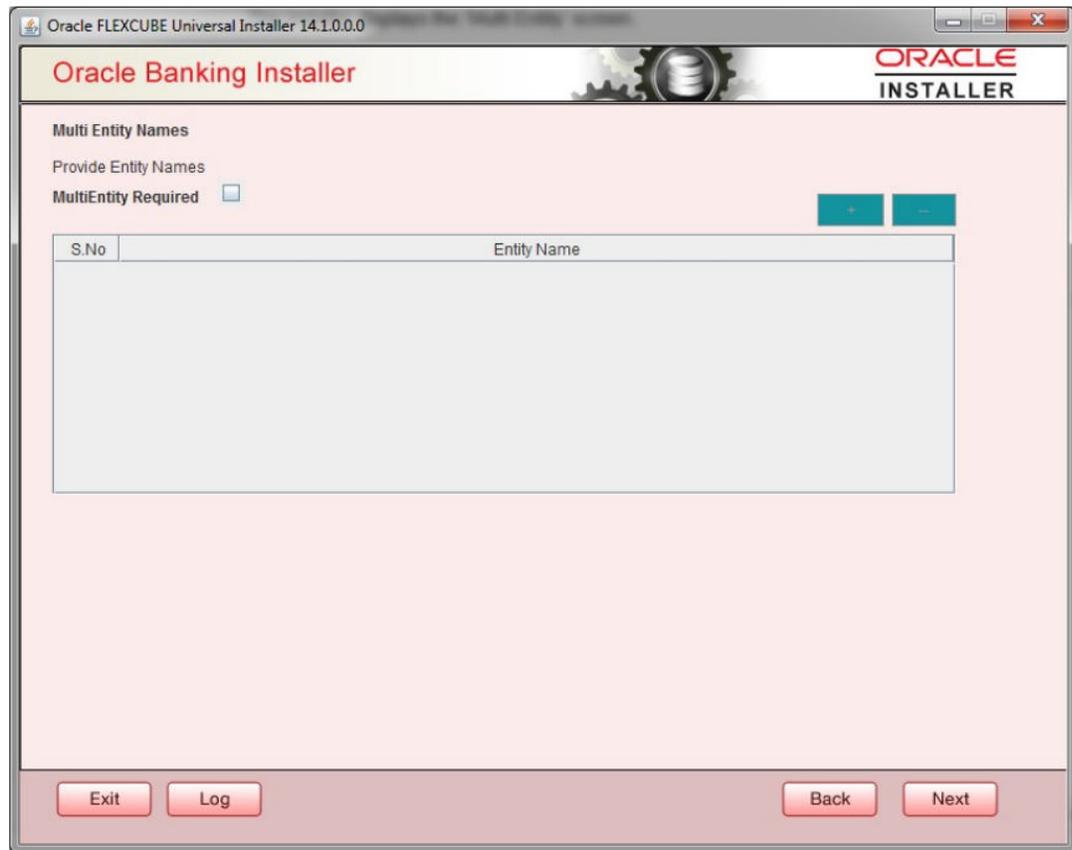
6. On the **Multi Entity Names** screen, specify the fields.

Table 2-6   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

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

Figure 2-16   Property File Creation
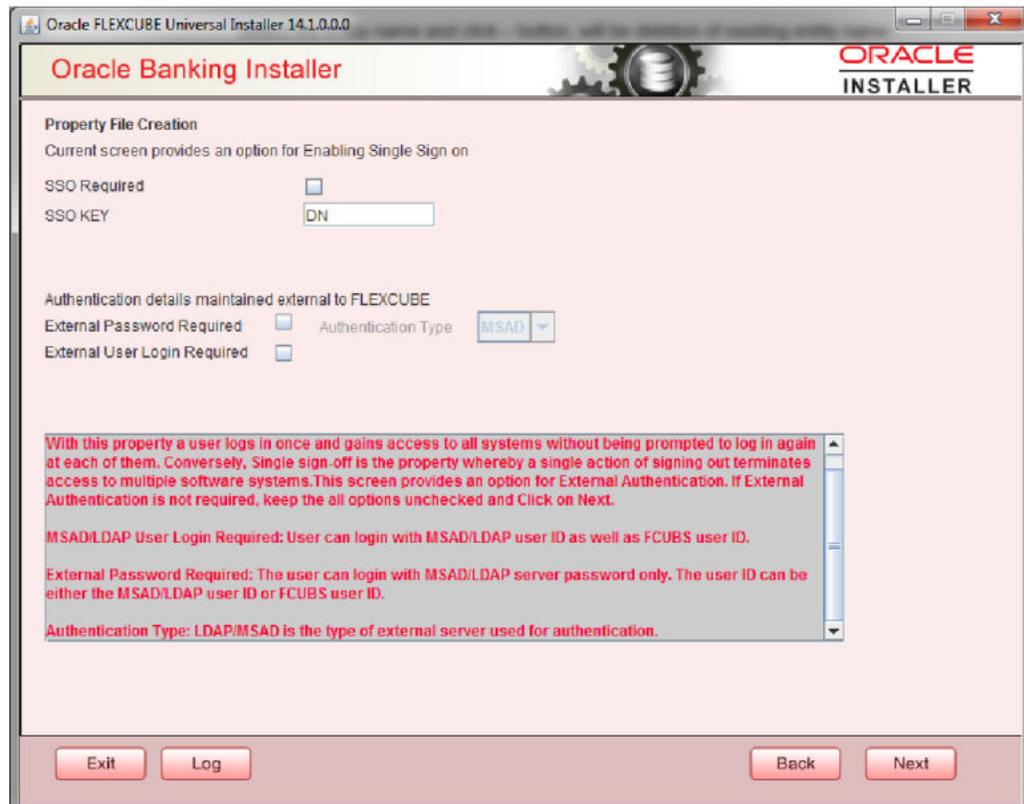
8. On the **Property File Creation** screen, specify the fields.

Table 2-7   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 2-7   (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. 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 Payments 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. **Figure 2-17 Property File Creation**

Table 2-7   (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 Payments user ID. If you do not check this box, the user can login using Payments user ID only.
	By default, this check box is unchecked. However, you can change this.
	Figure 2-18 Property File Creation
	✎ **Note:**
	The field 'Authentication Type' is enabled if one of the above check boxes 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.
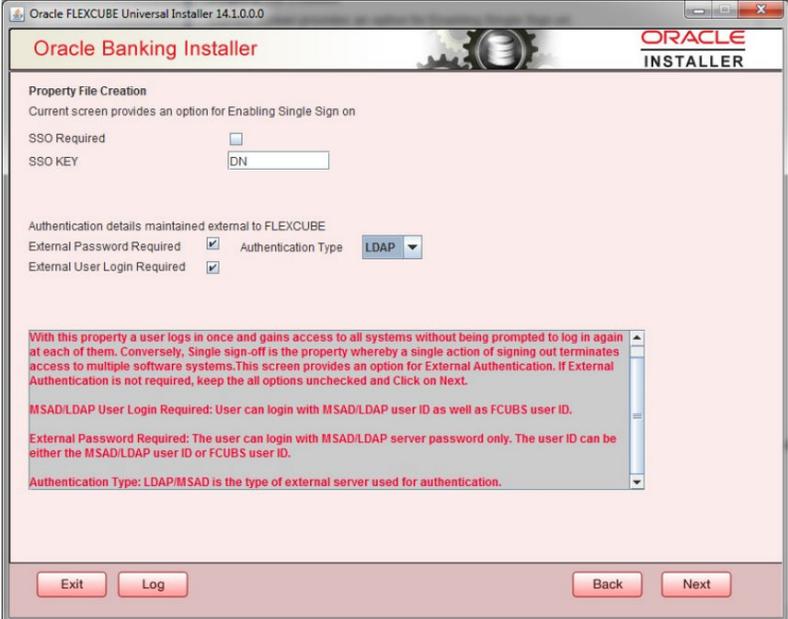
9. On the **Property File Creation** screen, click **Next**.

Figure 2-19   Property File Creation
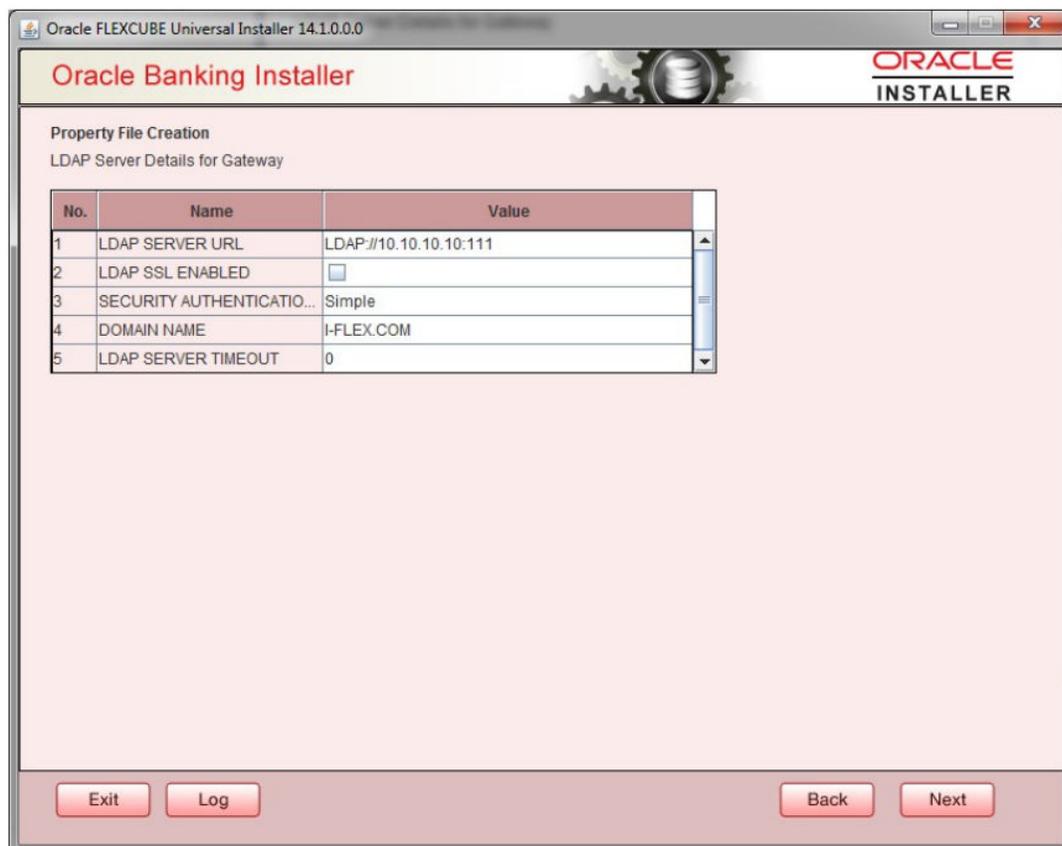
10. Specify the following LDAP server details.

Table 2-8   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 2-8   (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.

11. Click **Next**.

Figure 2-20   Property File Creation
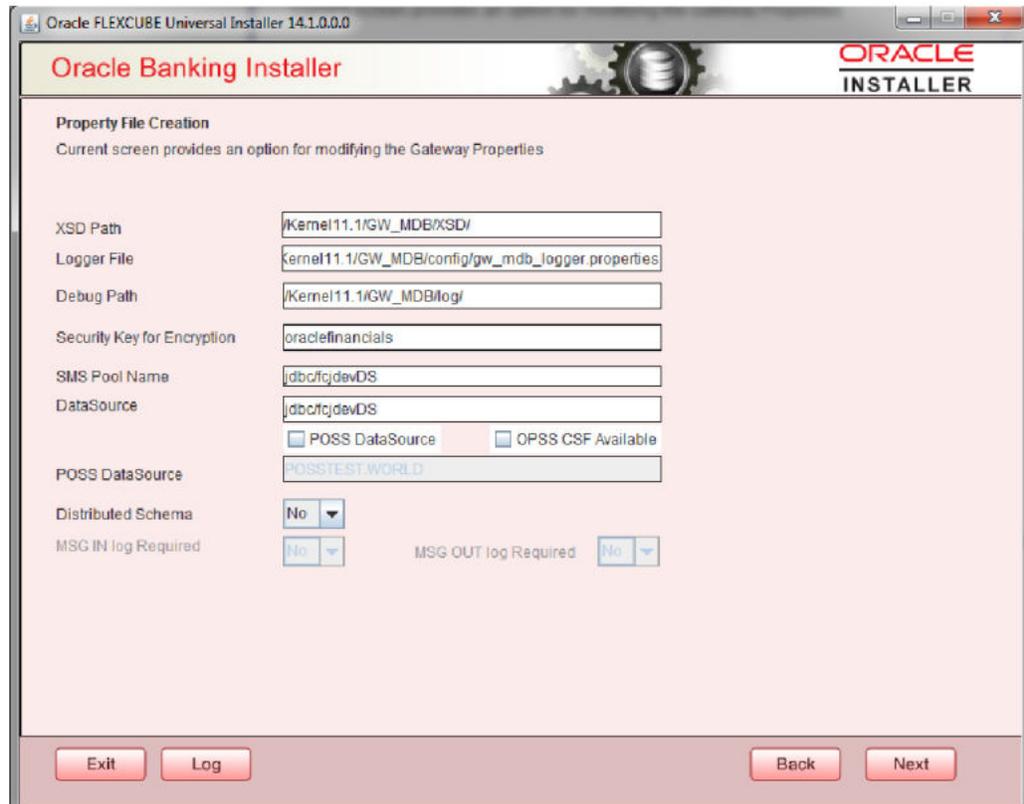
12. On the **Property File Creation** screen, specify the details.

Table 2-9   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_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_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, • For Windows - *D:\Kernel11.1\GW_MDB\log* • For Linux - */Kernel11.1/GW_MDB/log/*

13. Click **Next**.

> **✎ Note:**
>
> The Installer creates two files viz. **gw_ejb_logger.properties** and **GW_EJB_Prop.properties** in the path provided to save the files.

Figure 2-21   Property File Creation

Table 2-10   Property File Creation - Field Description

Field	Description
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.

Table 2-10   (Cont.) Property File Creation - Field Description

Field	Description
Distributed Schema	If the schema is distributed, select **Yes**. If the schema is not distributed, select **No**. **Note**: The Installer creates two files viz. **gw_ejb_logger.properties** and **GW_EJB_Prop.propertie** in the path provided to save the files.
Security Key for Encryption	Specify the security key for the encryption. Here, in this case, it is **Oraclefinancialsolutions**.

14. Click **Next**.

Figure 2-22   Gateway Property File Creation
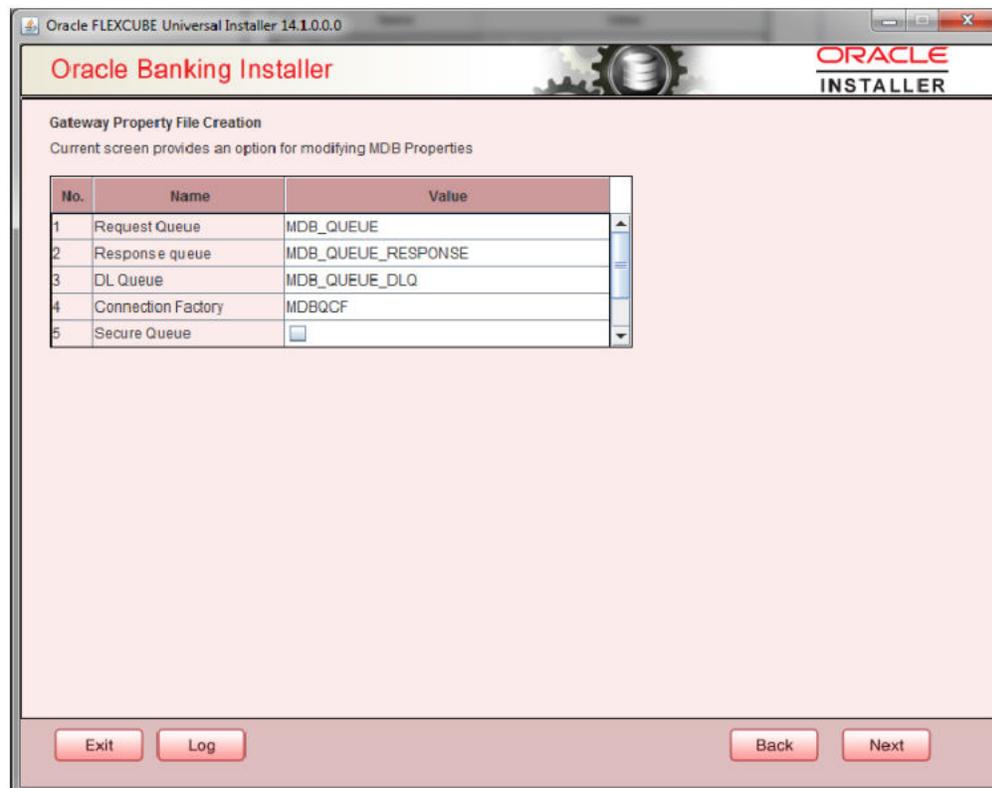
15. On the **Gateway Property File Creation** screen, specify the details.

Table 2-11   Gateway Property File Creation - Field Description

| Field	Description
Connection Factory	Specify the connection configuration parameters to create connections for JMS clients. For example, MDBQCF
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

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

Field	Description
DL Queue	Specify the dead letter queue name. For example, MDB_QUEUE_DLQ
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.

16. Click **Next**.

Figure 2-23   Property Installation
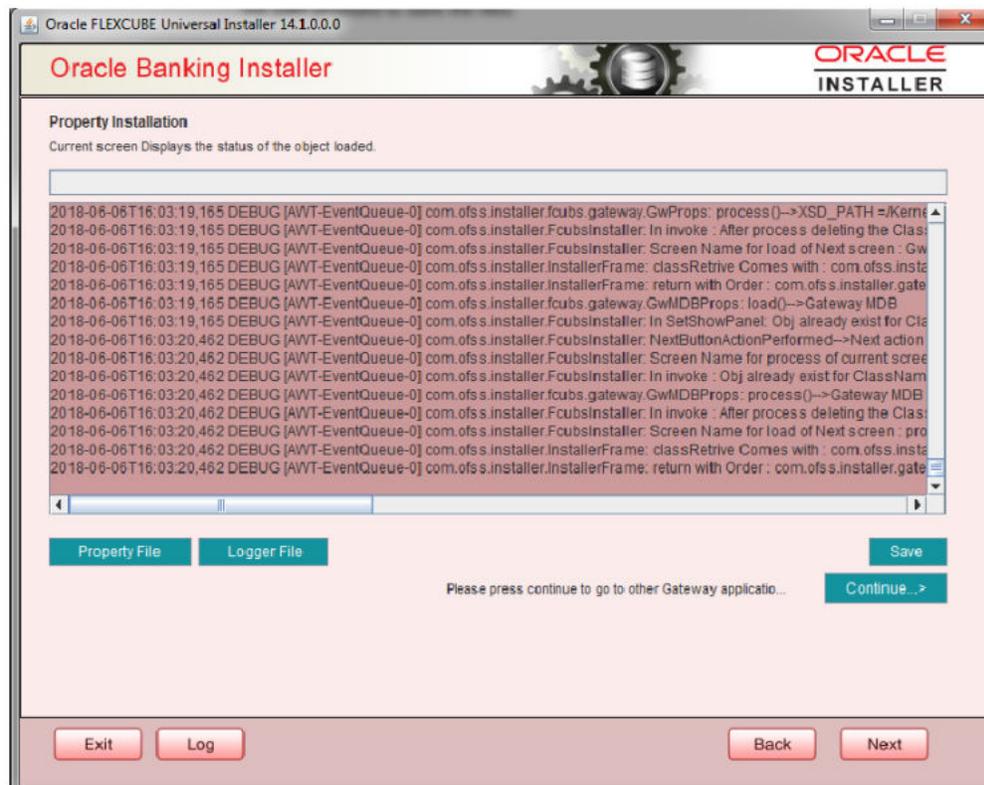
The property file will be created in a temporary folder.

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

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

19. Click **Continue** to continue the installation process with gateway application type.

20. Click **Next** to navigate to the installer home screen.

Gateway HTTP Servlet Application

1. Start Oracle Universal Banking Solution Installer.

2. Select **Gateway MDB** application type, and click **Next**.

Figure 2-24   Provide Environment Details

3. Specify the **EAR name**, valid **Application Server Path**, **Source**, and **EAR** destination path and click **Next** button.

4. Select **Gateway HTTP Servlet** to create configuration files for the application, and click **Next**.

Figure 2-25   Gateway Property File Creation
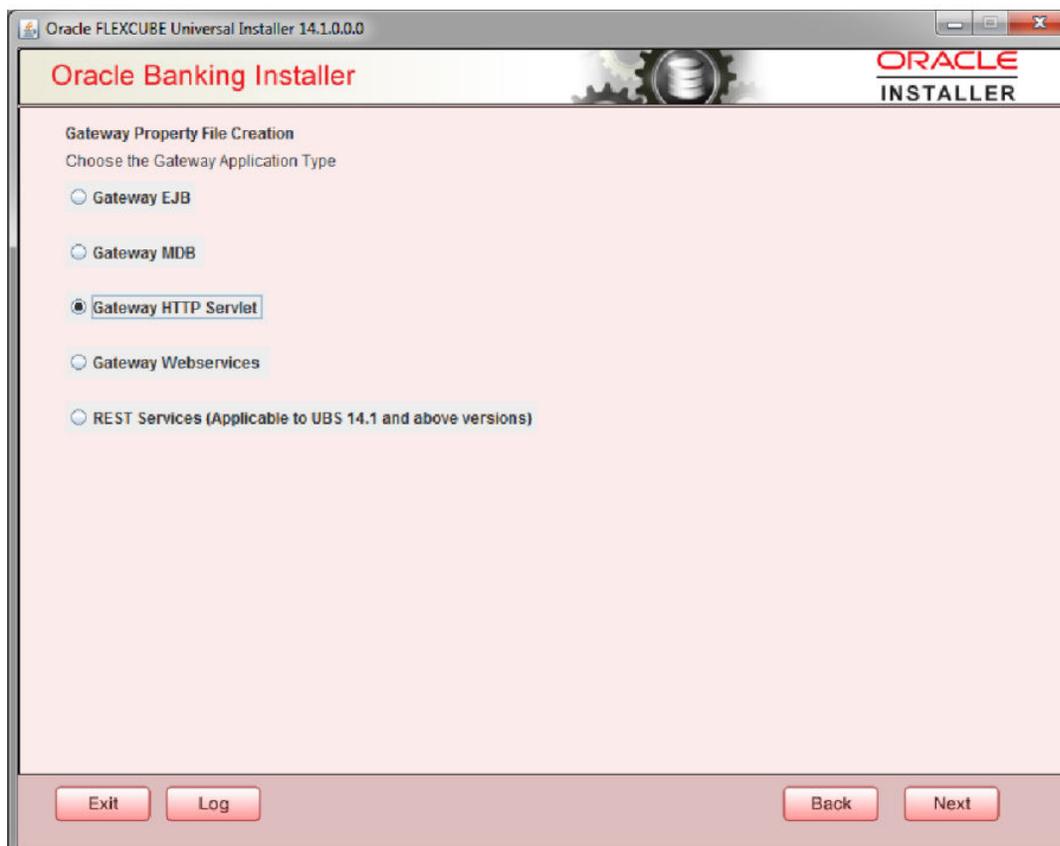
5. Click **Next**, the installer displays the **Multi Entity** screen.

Figure 2-26   Multi Entity Name

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

Table 2-12   Multi Entity Names - Field Description

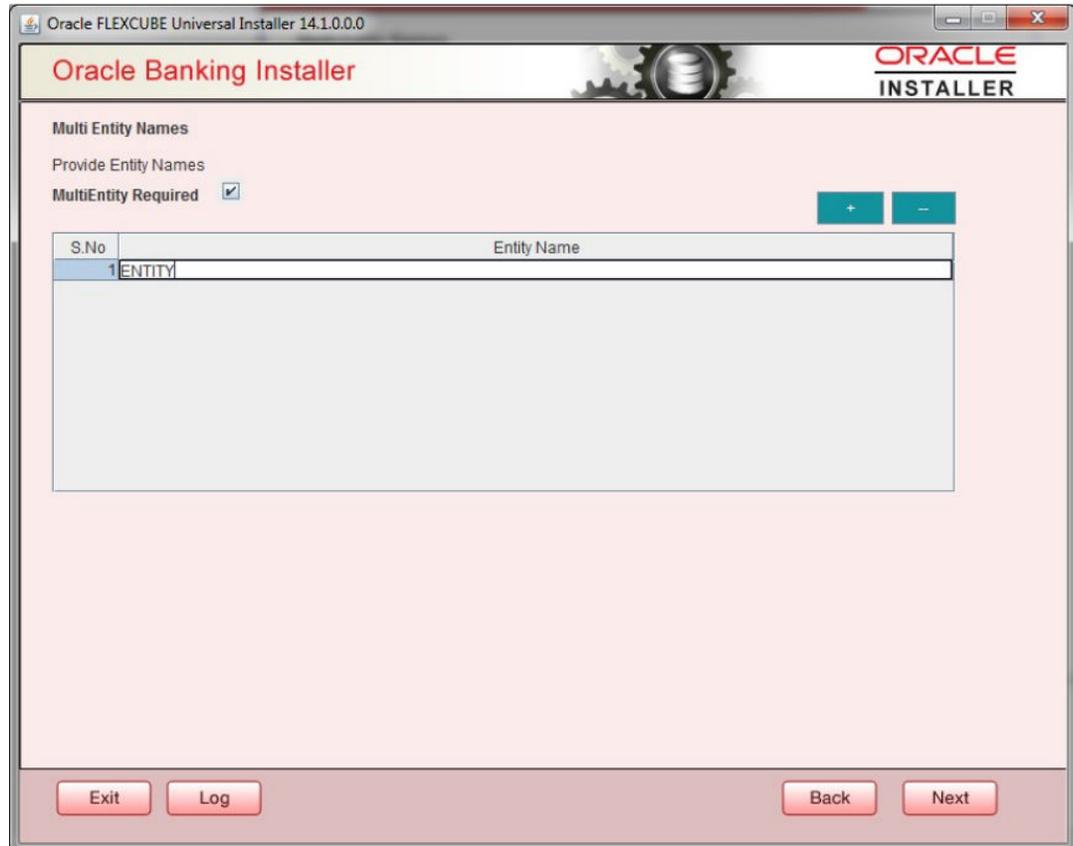| Field	Description
MultiEntity Required	Select the **MultiEntity Required** check box for enabling the multi-entity deployment. This will enable **+** and **-** for capturing the entity name.
+	Click **+** to add a new row for capturing the new entity name.
-	Select the entity name and click **-**,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

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

Figure 2-27   Property File Creation

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

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

9. Click **Next**.

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

Figure 2-28   Property File Creation
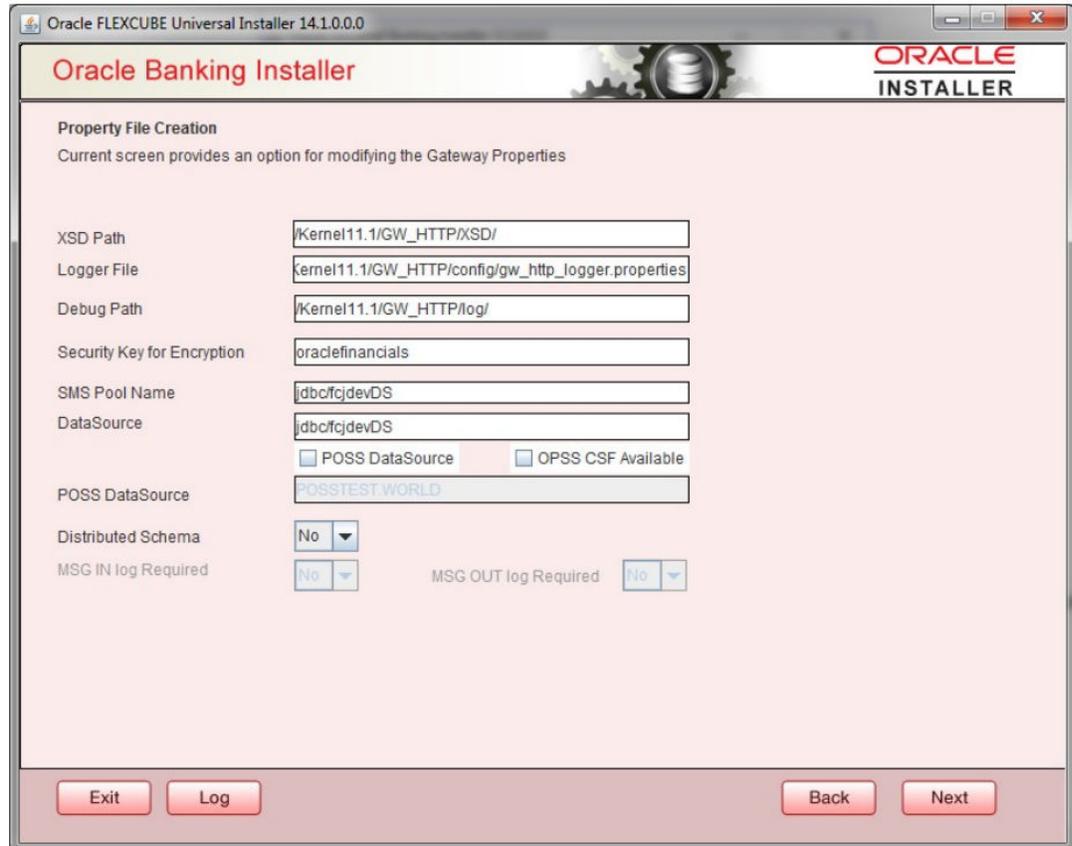
**Table 2-13   Property File Creation - Field Description**

Field	Description
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.

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

Field	Description
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**. **✏ Note:** The Installer creates two files viz. **gw_ejb_logger.properties** and **GW_EJB_Prop.propertie** in the path provided to save the files.
Security Key for Encryption	Specify the security key for the encryption. Here, in this case, it is **Oraclefinancialsolutions**.
RTT plugin Required	Chose the check box if rtt plugin is required

10. Click **Next**.

Figure 2-29   Property Installation
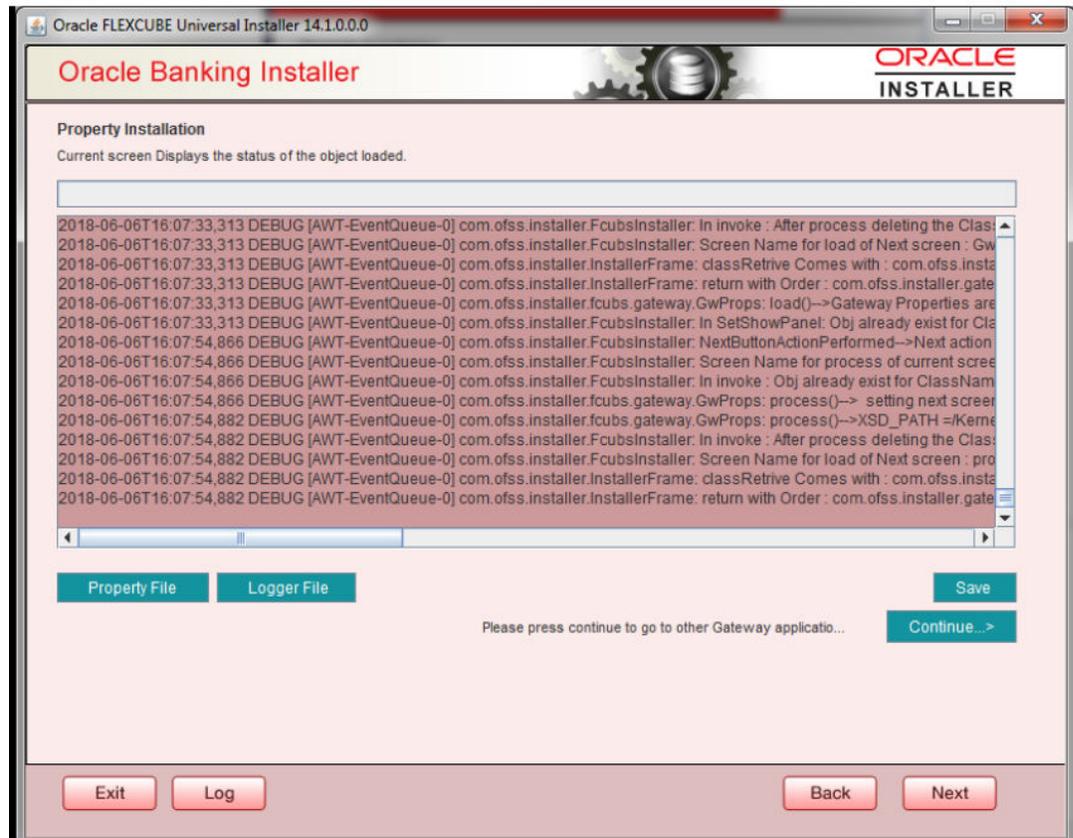
The property file will be created in a temporary folder.

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

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

13. Click **Continue** to continue the installation process with gateway application type.

14. Click **Next** to navigate to the installer home screen.

The property file will be created in the specified folder.