Oracle® Banking Treasury Management Gateway Property File Creation





Oracle Banking Treasury Management Gateway Property File Creation, Release 14.7.0.0.0

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Preface

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

- Audience
- · Acronyms and Abbreviations
- Related Resources

Audience

This guide is intended for anyone responsible for installing Oracle Banking Application.

Acronyms and Abbreviations

The acronyms and abbreviations are listed in this below table:

Table 1 Acronyms and Abbreviations

Abbreviations or Acronyms	Definition
DV	Derivatives
ETD	Exchange Traded Derivatives
FX	Foreign Exchange
FCUBS	Oracle FLEXCUBE Universal Banking
MM	Money Market
OBTR	Oracle Banking Treasury Management
ОТ	Over the Counter Options
SE	Securities
SR	Securities Repo

Related Resources

For more information, see these Oracle Banking Treasury Management resources:

- Oracle Banking Treasury Management Release Notes
- Oracle Banking Treasury Management Installer Index
- Oracle Banking Treasury Management Installer Prerequisite



1

Creating Property File for Gateway Applications

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.

This topic has the following sub-topics:

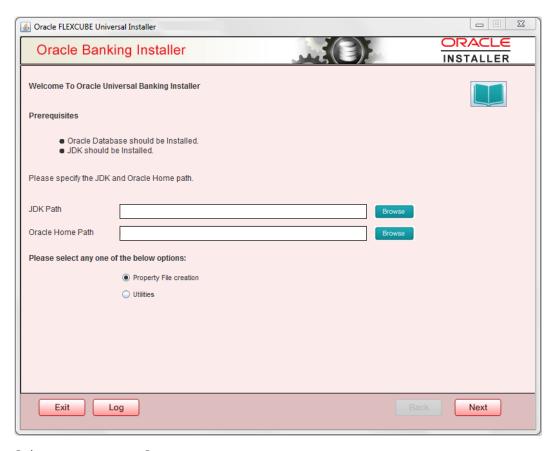
Create Property Files

1.1 Create Property Files

Follow the steps given below:

 Start Oracle Banking Trade Finance Solutions Installer - FCUBSInstaller.bat from INSTALLER\SOFT\GUI. Prerequisites screen is displayed.

Figure 1-1 Oracle Banking Installer- Welcome to Oracle Univaersal Banking Installer screen



Select component as Gateway.

ORACLE Oracle Banking Installer INSTALLER Select one of the Components Load Existing Property File O INFRA Scheduler Switch Interface Installation Select Oracle Product Processors Oracle FLEXCUBE Universal Banking Oracle FLEXCUBE Enterprise Limits and Collateral Management (CO-DEPLOY) Oracle Banking Payments Oracle Banking Corporate Lending Open Development Tool ✓ Oracle Banking Treasury Oracle Banking Trade Finance Select Plugins to be Installed Load Existing Branch Property File Host Address 10.10.10.10 1010 BPEL Scheduler OFTW SIANET Adapter DMS 1010 Insulation ELCM Adapter required Exit Log Back Next

Figure 1-2 Oracle Banking Installer- Select one of the Components screen

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 1-3 Oracle Banking Installer- Provide Environment details screen



- Gateway EJB Application
- Gateway MDB Application



- · Gateway HTTP Servlet Application
- Gateway Web Service Application
- REST Services Application

1.1.1 Gateway EJB Application

1. Select 'Gateway EJB' as the application type as shown in the below Screen.

Figure 1-4 Oracle Banking Installaer- Gateway Property File Creation screen



2. Click **Next**. The following screen is displayed:

The installer displays the **Multi Entity** screen.



Oracle Banking Installer

Multi Entity Names
Provide Entity Names
MultiEntity Required

S.No
Entity Name

Entity Name

Back Next

Figure 1-5 Oracle Banking Installer- Multi Entity Names

Table 1-1 Fields

Field	Description
MultiEntity Required	Select the multi entity check box for enabling the multi entity deployment.
	After selecting the multi entity option '+', '-'buttons will be enabled for capturing the entity Name.
+ Button	New row will be added for capturing new entity name.
- Button	Select the entity name and click – button, deletion of existing entity name will be done.
Entity Name	Enter the entity name as single word. For example: ENTITY1

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



- - X ORACLE Oracle Banking Installer INSTALLER **Property File Creation** Current screen provides an option for Enabling Single Sign on SSO Required SSO KEY DN Authentication details maintained external to FLEXCUBE External Password Required Authentication Type External User Login Required With this property a user logs in once and gains access to all systems without being prompted to log in again at each of them. Conversely, Single sign-off is the property whereby a single action of signing out terminates access to multiple software systems. This screen provides an option for External Authentication. If External Authentication is not required, keep the all options unchecked and Click on Next. MSAD/LDAP User Login Required: User can login with MSAD/LDAP user ID as well as FCUBS user ID. External Password Required: The user can login with MSAD/LDAP server password only. The user ID can be either the MSAD/LDAP user ID or FCUBS user ID. Authentication Type: LDAP/MSAD is the type of external server used for authentication Back Next Exit Log

Figure 1-6 Oracle Banking Installer- Property File Creation

4. Specify the following details, refer the table below:

Table 1-2 Fields

Field	Description
SSO Required	Check this box to enable single sign-on (SSO). If you check this box, you need to specify the SSO Key.
SSO Key	Specify the SSO key. If you have checked the box 'SSO Required', it is mandatory to specify the SSO key.
	If you have checked the box 'SSO Required', then the Installer will skip the following two screens and will directly navigate to the SSL screen shown below in this manual.
	If you have not checked the box 'SSO Required', then click 'Next'. The following screen is displayed.

External User Login Required

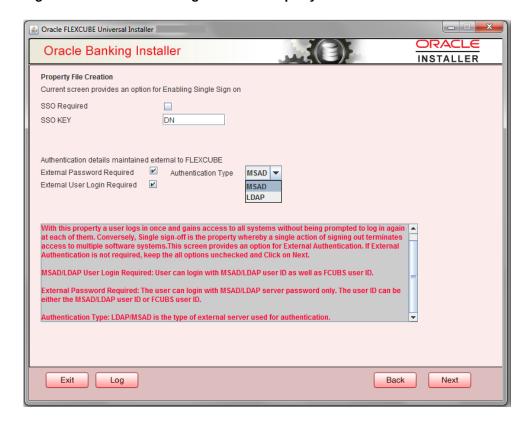
Check this box to enable user login using MSAD/LDAP user Id.

If you check this box, the user can login 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.





Figure 1-7 Oracle Banking Installer- Property File Creation



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 login using MSAD/LDAP server password only. The user Id can be one of the following:

- MSAD/LDAP user Id
- OBTFM 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. You can select one of the following options:

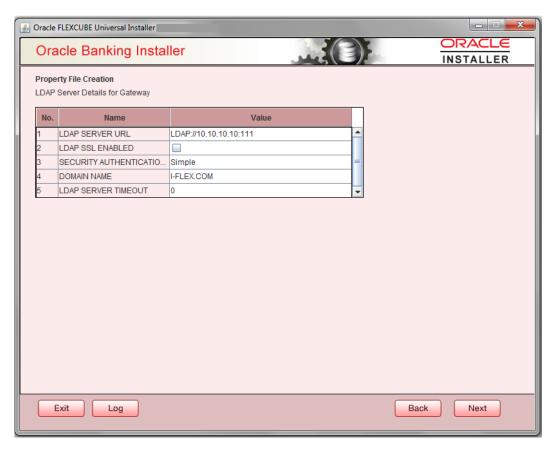
- MSAD (Microsoft Active Directory)
- LDAP (Lightweight Directory Access Protocol)

The default option is MSAD; however, you can change it



If you check the box, then the installer navigates to the following screen on clicking 'Next' button.

Figure 1-8 Oracle Banking Installer- Property File Creation



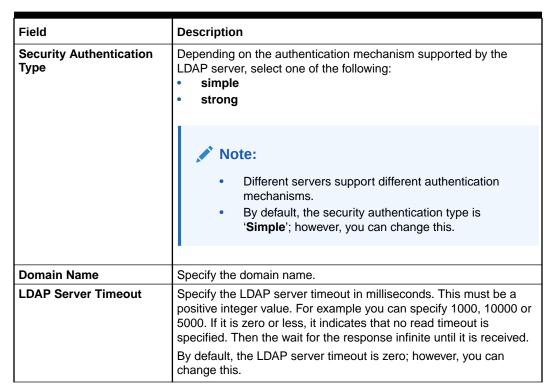
6. Specify the following LDAP server details., refer the table below:

Table 1-3 Fields

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 .

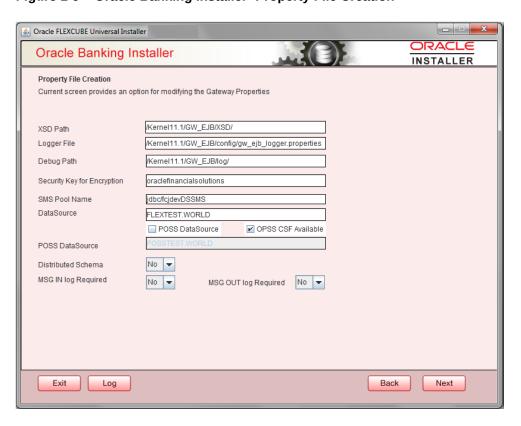


Table 1-3 (Cont.) Fields



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

Figure 1-9 Oracle Banking Installer- Property File Creation





8. Specify the following details, refer the table below:

Table 1-4 Fields

Field	Description
XSD Path	Specify the path to the XSD file. File name is not required. File separator must be 'f'. There must be a 'f' at the end. All the relevant XSD files must be manually copied to this location.
	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.
	Example:
	For windows:
	D:\Kernel11.1\GW_EJB\config\gw_ejb_logger.properties
	For Linux: /Kernel11.1/GW_EJB/config/gw_ejb_logger.properties
Debug Path	Specify the path to the folder where the application creates the logs. There must be a 'I' at the end. You need to manually create the specified folder structure.
	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 'Oraclefinancialsolutions'.
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 JNDI tree and provides database connectivity through a pool of JDBC connections.
POSS Datasource	Check this box if POSS is required. If you check this box, you need to specify the POSS Datasource Name in the field below this.
OPSS CSF Available	Indicate whether OPSS-CSF is installed or not.
	Please choose 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	Choose Yes/No from drop down box.
MSG OUT LOG Required	Choose Yes/No from drop down box.
	The Installer creates two files viz. 'gw_ejb_logger.properties' and 'GW_EJB_Prop.propeties' in the path provided to save the files.

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

The property file will be created in a temporary folder.



Oracle FLEXCUBE Universal Installer - X ORACLE Oracle Banking Installer INSTALLER Property Installation Current screen Displays the status of the object loaded 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke: After process deleting the Clas 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. Screen Name for load of Next screen: Gv 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Comes with : com.ofss.insta 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: return with Order: com.ofss.installer.gate 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwMDBProps: load()-->Gateway MDB 2017-11-16T11:09:33,184 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In SetShowPanel: Obj already exist for Cla 2017-11-16111:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. NextButtonActionPerformed—>Next action 2017-11-16111:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. Screen Name for process of current scree 2017-11-16111:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke: Obj already exist for ClassNam 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwMDBProps: process()-->Gateway MDB 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke: After process deleting the Clas 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. Screen Name for load of Next screen : pro 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Comes with : com.ofss.instal 2017-11-16T11:10:33,505 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: return with Order: com.ofss.installer.gate Please continue to go to other Gateway application Type Log Next

Figure 1-10 Property Installation

- 10. Click **Property File** to view the created property file.
- 11. Click **Save** to the save the created property file in desired location.
- Click Next to navigate to the installer home screen.For Gateway EJB EAR Building refer 'OBTR_EAR_Building document'

1.1.2 Gateway MDB Application

Follow the steps given below:

1. Select **Gateway MDB** as the application type as shown in the below Screen.



□ **□ □** Oracle FLEXCUBE Universal Installer ORACLE Oracle Banking Installer INSTALLER **Gateway Property File Creation** Choose the Gateway Application Type Gateway EJB Gateway MDB O Gateway HTTP Servlet O Gateway Webservices O REST Services (Applicable to UBS 14.1 and above versions) Exit Back Next Log

Figure 1-11 Oracle Banking Installer- Gateway MDB

Click Next. The following screen is displayed: The installer displays the Multi Entity screen.

Figure 1-12 Oracle Banking Installer- Multi Entity

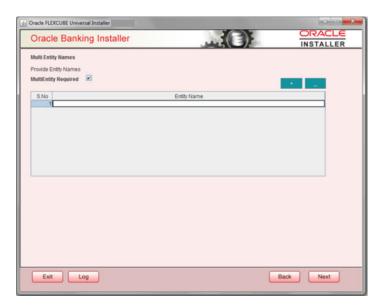


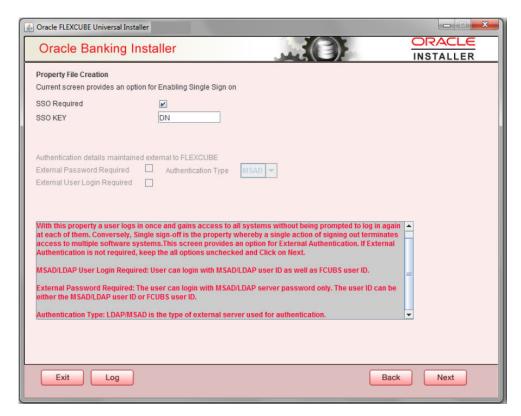


Table 1-5 Fields

Field	Description
MultiEntity Required	Select the multi entity check box for enabling the multi entity deployment.
	After selecting the multi entity option '+', '-'buttons will be enabled for capturing the entity Name.
+ Button	New row will be added for capturing new entity name.
- Button	Select the entity name and click – button, deletion of existing entity name will be done.
Entity Name	Enter the entity name as single word.
	For example: ENTITY1

3. Click **Next**. The following screen is displayed:

Figure 1-13 Oracle Banking Installer- Property File Creation



4. Specify the following details, refer the table below:

Table 1-6 Fields

Field	Description
SSO Required	Check this box to enable single sign-on (SSO). If you check this box, you need to specify the SSO Key.



Table 1-6 (Cont.) Fields

Field	Description
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.

External Password Required

Check this box to allow the user-login using MSAD/LDAP password irrespective of the user ID. If you check this box, the user ID can be either the MSAD/LDAP user ID or the FCUBS user ID. And the password can be MSAD/LDAP server password only.

By default, this check box is unchecked. However, you can change this.

If you do not check this box, the installer skips the following screen and directly navigates you to the Modifying the Gateway Properties Screen.

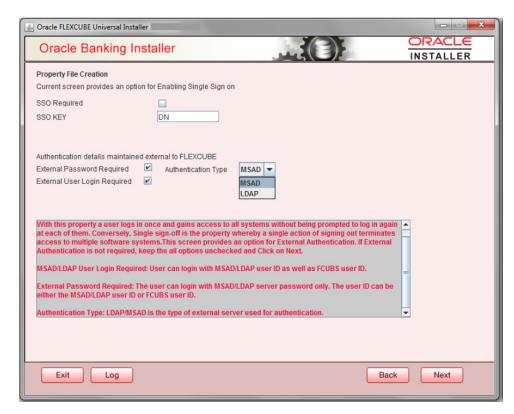
External User Login Required

Check this box to enable user login using MSAD/LDAP user ID. If you check this box, the user can login using MSAD/LDAP server user ID as well as using FCUBS user ID. If you do not check this, the user can login using FCUBS user ID only.

By default, this check box is unchecked. However, you can change this.



Figure 1-14 Oracle Banking Installer- Property file Creation- External Password Required



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

Authentication Type

Select the authentication type from the adjoining drop-down list. This is the type of external server that is used. You can select one of the following options:

- MSAD (Microsoft Active Directory)
- LDAP (Lightweight Directory Access Protocol)

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

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



 Oracle FLEXCUBE Universal Installer _ = X ORACLE Oracle Banking Installer INSTALLER **Property File Creation** LDAP Server Details for Gateway Name Value LDAP SERVER URL LDAP://10.10.10.10:111 LDAP SSL ENABLED SECURITY AUTHENTICATIO... Simple I-FLEX.COM DOMAIN NAME LDAP SERVER TIMEOUT Back Next Exit Log

Figure 1-15 Oracle Banking Installer- LDAP Server Details for Gateway

6. Specify the following LDAP server details and refer the table below:

Table 1-7 Fields

Field	Description
Field	Description
LDAP Server URL	Specify the URL to access the LDAP server where the external user ID and password are maintained.
LDAP SSL Enabled	Check this box if the LDAP server is SSL enabled. If you check this box, then you need to specify the SSL port also in the field LDAP SERVER URL .
	By default, this check box is unchecked. However, you can change this.
Security Authentication Type	Depending on the authentication mechanism supported by the LDAP server, select one of the following: • Simple • Strong
	Note the following: Different servers support different authentication mechanisms. By default, the security authentication type is 'Simple'; however, you can change this.
Domain Name	Specify the domain name.

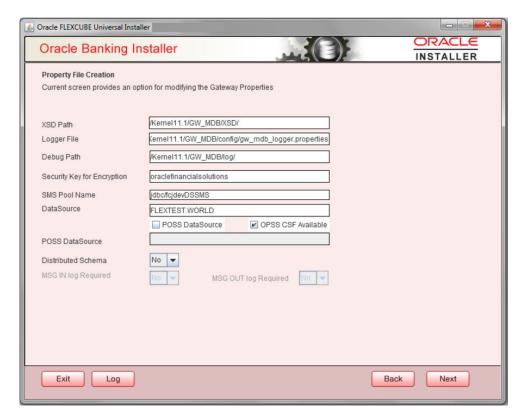


Table 1-7 (Cont.) Fields

Field	Description
LDAP Server Timeout	Specify the LDAP server timeout in milliseconds. This must be a positive integer value. For example you can specify 1000, 10000 or 5000. If it is zero or less, it indicates that no read timeout is specified. Then the wait for the response infinite until it is received. By default, the LDAP server timeout is zero; however, you can change this.

Click 'Next'. The following screen is displayed:

Figure 1-16 Oracle Banking Installer- Gateway Properties



7. Specify the following details, refer the table below:

Table 1-8 Fields

Field	Description
XSD Path	Specify the path to the XSD file. File name is not required. File separator must be 'I'. There must be a 'I' at the end. All the relevant XSD files must be manually copied to this location.
	Example:
	For Windows: D:\Kernel11.1\GW_MDB\XSD\
	For Linux: /Kernel11.1/GW_MDB/XSD/



Table 1-8 (Cont.) Fields

Field	Description
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. 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 'f' at the end. You need to manually create the specified folder structure.
	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 'Oraclefinancialsolutions'.
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 JNDI tree and provides database connectivity through a pool of JDBC connections.
POSS Datasource	Check this box if POSS is required. If you check this box, you need to specify the POSS Datasource Name in the field below this.
OPSS CSF Available	Indicate whether OPSS-CSF is installed or not.
	Choose 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 '.
	ii tilo solionia is flot distributed, select 140.

Click 'Next'. The following screen is displayed.



Oracle FLEXCUBE Universal Installer 12.5.0.0.0 ORACLE Oracle Banking Installer INSTALLER **Gateway Property File Creation** Current screen provides an option for modifying MDB Properties Name Request Queue MDB_QUEUE MDB_QUEUE_RESPONSE Response queue DL Queue MDB_QUEUE_DLQ Connection Factory MDBQCF Secure Queue Caller ID Caller Password Exit Back Next Log

Figure 1-17 Oracle Banking Installer0 Gateway Property File Creation

8. Specify the following details, refer the table below:

Table 1-9 Fields

Field	Description
Request Queue	Specify the request queue. This is the point-to-point destination type used for asynchronous peer communication. Example: MDB_QUEUE
Response Queue	Specify the response queue name. Example: MDB_QUEUE_RESPONSE
DL Queue	Specify the dead letter queue name. Example: MDB_QUEUE_DLQ Note: Refer Resources_To_ Be_Created.docx for creation of Queues
Connection Factory	Specify the connection configuration parameters to create connections for JMS clients. Example: MDBQCF

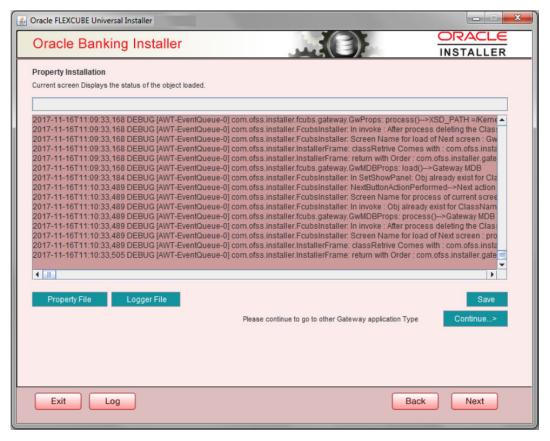


Table 1-9 (Cont.) Fields

Field	Description
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.

Click '**Next**'. The following screen is displayed and the property file will be created in a temporary folder.

Figure 1-18 Oracle Banking Installer- Property Installation



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

For Gateway MDB EAR Building refer 'OBTR_EAR_Building document'.

1.1.3 Gateway HTTP Servlet Application

Follow the steps given below:

 Select Gateway HTTP Servlet as the application type as shown in the below Screen.

Figure 1-19 Gateway Property File Creation



Click Next. The following screen is displayed:The installer displays the Multi Entity screen.

Figure 1-20 Mutli Entity Required

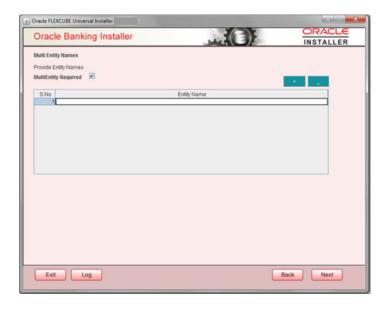
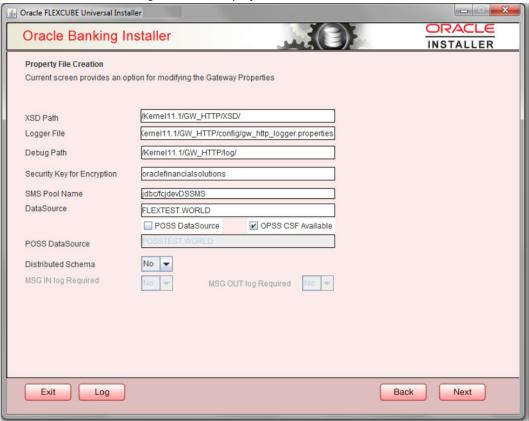




Table 1-10 Fields

Field	Description
MultiEntity Required	Select the multi entity check box for enabling the multi entity deployment.
	After selecting the multi entity option '+', '-'buttons will be enabled for capturing the entity Name.
+ Button:	New row will be added for capturing new entity name.
- Button	Select the entity name and click – button, deletion of existing entity name will be done.
Entity Name	Enter the entity name as single word. For example: ENTITY1

Click 'Next'. The following screen is displayed:



3. Specify the following details, refer the table below:

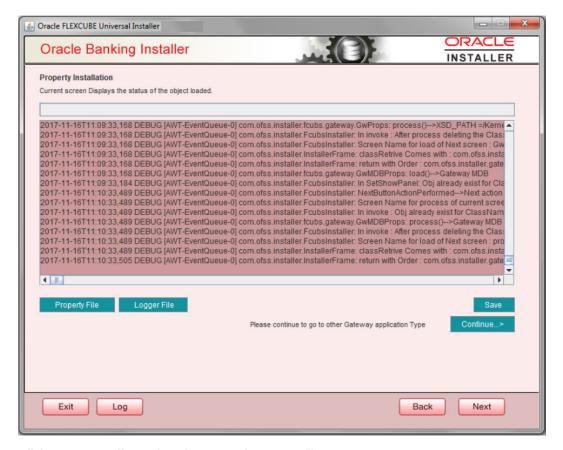
Table 1-11 Fields

Field	Description
XSD Path	Specify the path to the XSD file. File name is not required. File separator must be 'T'. There must be a 'T' at the end. All the relevant XSD files must be manually copied to this location.
	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.
	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 ' <i>I</i> ' at the end. You need to manually create the specified folder structure.
	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 'Oraclefinancialsolutions'.
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 JNDI tree and provides database connectivity through a pool of JDBC connections.
POSS Datasource	Check this box if POSS is required. If you check this box, you need to specify the POSS Datasource Name in the field below this.
OPSS CSF Available	Indicate whether OPSS-CSF is installed or not.
	Please choose 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

Click $\mbox{\bf Next}.$ The following screen is displayed. The property file will be created in a temporary folder.



Figure 1-21 Property Installation



- Click Property File to view the created property file.
- 5. Click **Save** to the save the created property file in desire location.
- **6.** Click **Continue** to continue the installation process with gateway application type.
- Click Next to navigate to the installer home screen.The property file will be created in the specified folder.

For Gateway HTTP EAR Building refer Treasury Management EAR Building document.

1.1.4 Gateway Web Service Application

Follow the steps given below:

1. Select **Gateway Web Service** as the application type as shown in the below Screen.

Oracle FLEXCUBE Universal Installer ORACLE Oracle Banking Installer INSTALLER **Gateway Property File Creation** Choose the Gateway Application Type Gateway EJB Gateway MDB Gateway HTTP Servlet Gateway Webservices O REST Services (Applicable to UBS 14.1 and above versions) Exit Log Back Next

Figure 1-22 Oracle Banking Installer- Gateway Property File Creation

2. Click **Next**. The following screen is displayed.

The installer displays the **Multi Entity** screen.

Figure 1-23 Oracle Banking Installer- Multi Entity

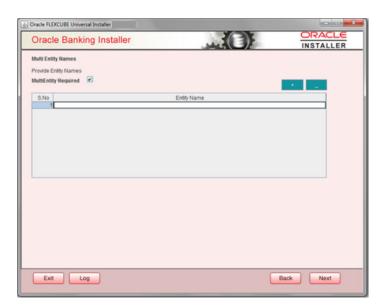


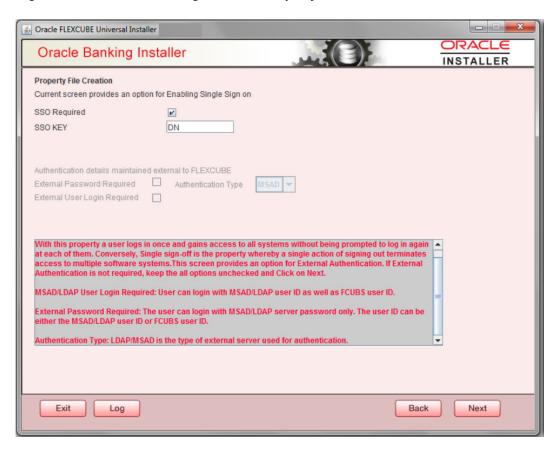


Table 1-12 Fields

Field	Description
MultiEntity Required	Select the multi entity check box for enabling the multi entity deployment.
	After selecting the multi entity option '+', '-'buttons will be enabled for capturing the entity Name.
+ Button:	New row will be added for capturing new entity name.
- Button	Select the entity name and click – button, deletion of existing entity name will be done.
Entity Name	Enter the entity name as single word. For example: ENTITY1

3. Click **Next**. The following screen is displayed:

Figure 1-24 Oracle Banking Installer- Property File Creation



4. Specify the following details, refer the table below:

Table 1-13 Fields

Field	Description
SSO Required	Check this box to enable single sign-on (SSO). If you check this box, you need to specify the SSO Key.



Table 1-13 (Cont.) Fields

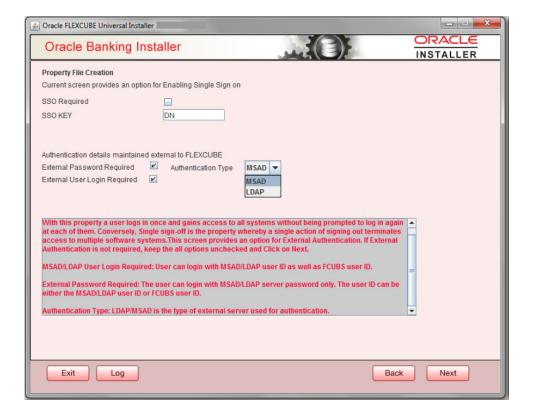
Field	Description
SSO Key	Specify the SSO key. If you have checked the box 'SSO Required', it is mandatory to specify the SSO key.
	If you have checked the box 'SSO Required', then the Installer will skip the following two screens and will directly navigate to the Modifying the Gateway properties Screen.
	If you have not checked the box 'SSO Required', then click 'Next'. The following screen is displayed.

External User Login Required

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

If you check this box, the user can login 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.

Figure 1-25 Oracle Banking Intaller- Property File Creation



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 login using MSAD/LDAP server password only. The user Id can be one of the following:



- MSAD/LDAP user Id
- 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.

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

Authentication Type

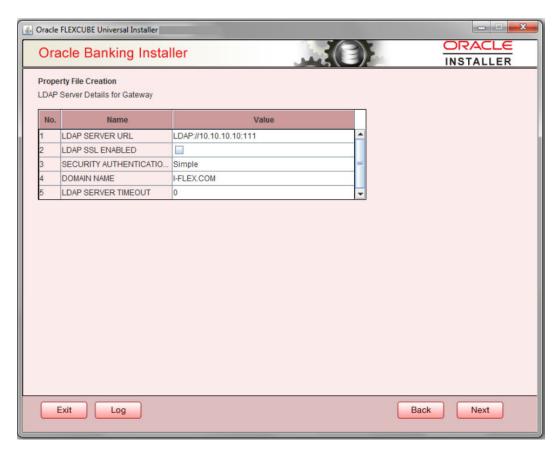
Select the authentication type. This is the type of external server that is used. You can select one of the following options:

- MSAD (Microsoft Active Directory)
- LDAP (Lightweight Directory Access Protocol)

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

If you check the box, then the installer navigates to the following screen on clicking 'Next' button.

Figure 1-26 Oracle Banking Installer- Property File Creation



6. Specify the following LDAP server details, refer the table below:



Table 1-14 Fields

Field	Description
LDAP Server URL	Specify the URL to access the LDAP server where the external user ID and password are maintained.
LDAP SSL Enabled	Check this box if the LDAP server is SSL enabled. If you check this box, then you need to specify the SSL port also in the field LDAP SERVER URL.
	By default, this check box is unchecked. However, you can change this.
Security Authentication Type	Depending on the authentication mechanism supported by the LDAP server, select one of the following: • Simple • Strong Note the following: • Different servers support different authentication mechanisms. • By default, the security authentication type is 'Simple'; however, you can change this.
Domain Name	Specify the domain name.
LDAP Server Timeout	Specify the LDAP server timeout in milliseconds. This must be a positive integer value. For example you can specify 1000, 1000 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 following screen is displayed:



Oracle FLEXCUBE Universal Installer _ _ X ORACLE Oracle Banking Installer INSTALLER **Property File Creation** Current screen provides an option for modifying the Gateway Properties /Kernel11.1/GW_WS/XSD/ XSD Path /Kernel11.1/GW_WS/config/gw_ws_logger.properties Logger File Debug Path /Kernel11.1/GW_WS/log/ Security Key for Encryption oraclefinancialsolutions jdbc/fcjdevDSSMS SMS Pool Name FLEXTEST.WORLD DataSource POSS DataSource OPSS CSF Available POSS DataSource No -Distributed Schema MSG IN log Required No 🕶 MSG OUT log Required No ▼ Exit Log Back Next

Figure 1-27 Oracle Banking Installer- Property File Creation

8. Specify the following details, refer the table:

Table 1-15 Fields

Field	Description
XSD Path	Specify the path to the XSD file. File name is not required. File separator must be 'f'. There must be a 'f' at the end. All the relevant XSD files must be manually copied to this location.
	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.
	Example:
	For windows:
	D:\Kernel11.1\GW_WS\config\gw_ws_logger.properties
	For Linux: /Kernel11.1/GW_WS/config/gw_ws_logger.properties
Debug Path	Specify the path to the folder where the application creates the logs. There must be a ' <i>I</i> ' at the end. You need to manually create the specified folder structure.
	Example:
	For windows: D:\Kernel11.1\GW_WS\log\
	For Linux: /Kernel11.1/GW_WS/log/



Table 1-15 (Cont.) Fields

Field	Description
Security Key for Encryption	Specify the security key for the Encryption,here in this case it is 'Oraclefinancialsolutions'.
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 JNDI tree and provides database connectivity through a pool of JDBC connections.
POSS Datasource	Check this box if POSS is required. If you check this box, you need to specify the POSS Datasource Name in the field below this.
OPSS CSF Available	Indicate whether OPSS-CSF is installed or not.
	Choose this only if Oracle Platform Security Services - Credential Store Framework (CSF) is installed as per the guidelines in the prerequisite 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	Choose Yes/No from drop down box.
MSG OUT LOG Required	Choose Yes/No from drop down box.

9. Specify the following details.

EJB Application Name

Specify the name of the EJB application deployed.

E.g.: GWEJB.

Click 'Next'. The following screen is displayed.



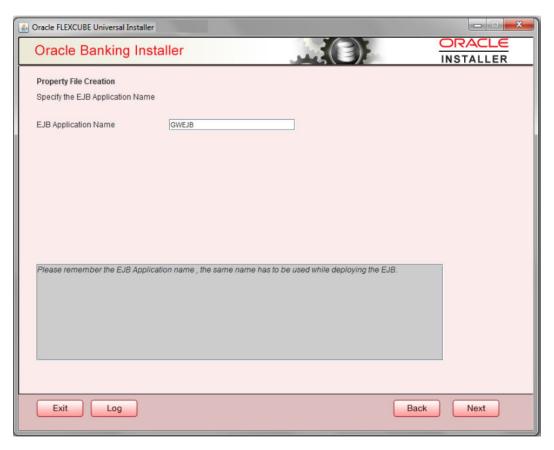


Figure 1-28 Oracle Banking Installer- EJB Application Name

10. Specify the following details:



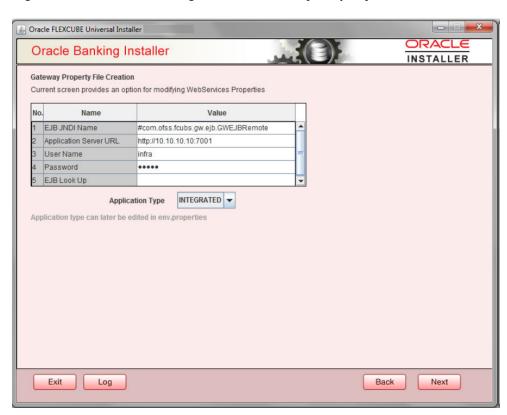


Figure 1-29 Oracle Banking Installer- Gateway Property File Creation

Table 1-16 Fields

Field	Description
EJB JNDI Name	If you build the EJB application with 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.GWEJ BRemote. in 'GW_WS_Prop.properties' file</ejb_application_name>
	Example:
	Weblogic/Websphere: GWEJB #com.ofss.fcubs.gw.ejb.GWEJBRemote
Application Server URL	Specify the URL of the application server where the webservice application is hosted.
	Example:
	Weblogic: t3://10.10.10.10:7001
	Or
	Websphere: iiop://10.10.10.10:2815
User Name	Specify the user name to access the application server where the EJB application is deployed. Example: infra
Password	Specify the password for the above user name.
EJB Look Up	Specify the EJB look up type from the drop down-list. The options are LOCAL/REMOTE



Table 1-16 (Cont.) Fields

Field	Description
Application Type	Specify the Application Type from the drop down list: If the Application type is 'INTEGRATED' then the EJB look up type should be select as 'LOCAL' If the Application type is 'INDIVIDUAL' then the EJB look up type should be select as 'REMOTE' and EJB should configure in any server.('REMOTE' only works with combination of EJB & GWWS) The Installer creates two files viz. 'gw_ws_logger.properties' and 'GW_WS_Prop.properties' in the path provided to save the files.

Click '**Next**'. The following screen is displayed. The property file will be created in a temporary folder.

- 11. Click 'Property File' to view the created property file.
- **12.** Click '**Save**' to the save the created property file in desire 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.

15. If Application Server is "**Websphere**" and EJB Look Up is "**REMOTE**", change below entry in GW_WS_Prop.properties:

EJB CTX FACTORY=weblogic.jndi.WLInitialContextFactory

to

EJB_CTX_FACTORY=com.ibm.websphere.naming.WsnInitialContextFactory

1.1.5 REST Services Application

Follow the steps given below:

- 1. Select **Rest Services** as the application type as shown in the below Screen.
- Click Next. The following screen is displayed to capture Schema details. Enter valid username, password, IP Address, port and TNS descriptor and click on Test Connection.



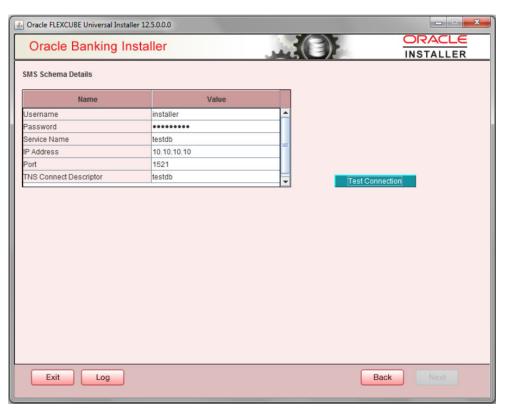


Figure 1-30 Oracle Banking Installer- SMS Schema Details

3. Successful test connection will enable Next button. Click on it o proceed to next page.

_ _ X ♣ Oracle FLEXCUBE Universal Installer ORACLE Oracle Banking Installer INSTALLER **REST EJB Properties** Current screen provides an option for modifying the REST EJB Properties REST EJB Logger File /Kernel11.1/REST_EJB/config/gw_restejb_logger.properties /Kernel11.1/REST_EJB/log/ REST EJB Debug Path REST EJB Security Key for Encryption oraclefinancial solutions REST EJB Msg Schema Pool Name jdbc/fcjdevDSSMS MSG IN log Required No -No -MSG OUT log Required Log Exit Back Next

Figure 1-31 Oracle Banking Installer- REST EJB Properties

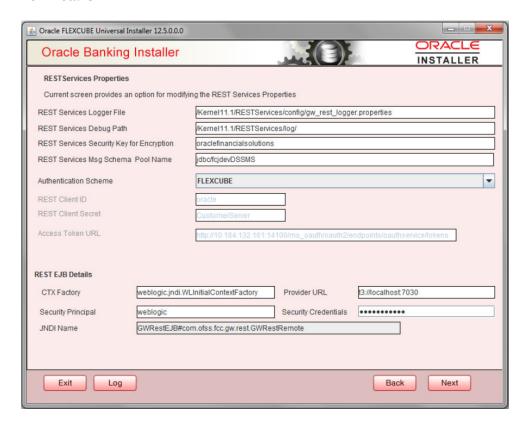
In above page, Enter the below REST EJB details, refer the table below:

Table 1-17 Fields

Field	Description
REST EJB Logger File	Enter logger property file path.
REST EJB Debug Path	Enter path where debugs are to be written.
REST EJB Security Key for Encryption	Specify the security key for the Encryption. In this case it is 'oraclefinancialsolutions'.
REST EJB Msg Schema Pool Name	Enter valid pool name. by default it is : jdbc/fcjdevDSSMS
MSG IN LOG Required	Choose Yes/No from drop down box.
MSG OUT LOG Required	Choose Yes/No from drop down box

4. Click on 'Next' Button to enter REST Services information.

Figure 1-32 Oracle Banking Installer- REST Services Properties and REST EJB Details



This Screen captures below properties, refer the table below:

Table 1-18 Fields

Field	Description
REST Services Logger File	Enter logger property file path.
REST Services Debug Path	Enter 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 valid pool name. by default it is : jdbc/fcjdevDSSMS
Authentication Scheme	OAUTH and FLEXCUBE are two types of Authentication Schemes available.
	Please note, for FLEXCUBE authentication Scheme, REST Client ID, REST Client Secret, Access Token URL are disabled.
	The same has to be entered if AOUTH is selected.
CTX factory	Provide valid CTX factory information.
Provider URL	Enter URL with valid port number.
Security Principal	Provide Security principal username.
Security Credentials	Provide Security principal password.

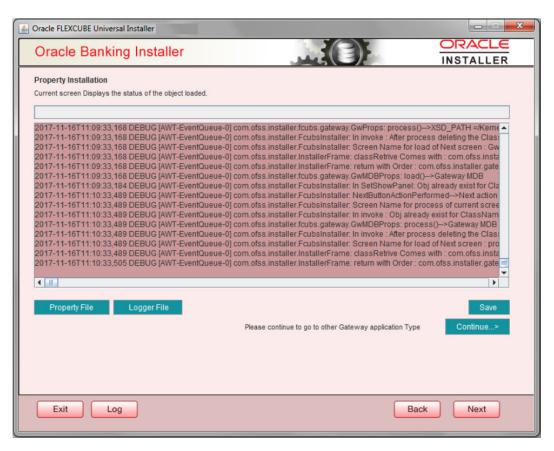


Table 1-18 (Cont.) Fields

Field	Description
JNDI Name	JNDI Name will be defaulted based on application server selected.

Click on Next button.

Figure 1-33 Oracle Banking Installer- Property File Creation



- 5. Click **Property File** to view the created property file.
- **6.** Click **Save** to the save the created property file in desire location.
- 7. Click **Continue** to continue the installation process with gateway application type.
- 8. Click **Next** to navigate to the installer home screen.

The property file will be created in a temporary folder.

For Gateway MDB EAR Building refer Treasury Management EAR Building document.