# Oracle® Banking Corporate Lending GATEWAY Property File Creation



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ORACLE

Oracle Banking Corporate Lending GATEWAY Property File Creation, Release 14.7.6.0.0

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# Preface

This topic contains the following sub-topics:

- Purpose
- Audience
- Documentation Accessibility
- Critical Patches
- Diversity and Inclusion
- Related Resources
- Conventions
- Screenshot Disclaimer
- Acronyms and Abbreviations

### Purpose

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

# Audience

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

Table 1	Audience
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Role	Function
Administrator	Who controls the system and application parameters and ensures smooth functionality and flexibility of the banking application.
Implementation team	Implementation of Oracle Banking Corporate Lending Solution
Pre-sales team	Install Oracle Banking Corporate Lending for demo purpose
Bank personnel	Who installs Oracle Banking Corporate Lending

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

# **Documentation Accessibility**

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



#### Access to Oracle Support

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

### **Critical Patches**

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

## **Diversity and Inclusion**

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

# **Related Resources**

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

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

### Conventions

The following text conventions are used in this document:

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

#### Table 2 Conventions

## Screenshot Disclaimer

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



# Acronyms and Abbreviations

The list of the acronyms and abbreviations used in this guide are as follows:

 Table 3
 Acronyms and Abbreviations

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

# 1 Create Property File for Gateway Applications

This topic contains the following sub-topic:

Create Property Files

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

# **1.1 Create Property Files**

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

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

The Welcome To Oracle FLEXCUBE Universal Banking Installer screen displays.

Gracle FLEXCUBE Univer	rsal Installer	
Oracle Banki	ng Installer	
Welcome To Oracle Univ	versal Banking Installer	
Prerequisites		
<ul> <li>Oracle Databa</li> <li>JDK should be</li> </ul>	ase should be installed. e installed.	
Please specify the JDK a	nd Oracle Home path.	
JDK Path		Browse
Oracle Home Path		Browse
Please select any one of	f the below options:	
	Property File creation	
	<ul> <li>Utilities</li> </ul>	
Exit	B	Back

### Figure 1-1 Welcome To Oracle Universal Banking Installer

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



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

The Select One of the Components screen displays.

Solution of the second	0.0.0	- 🗆 X	
Oracle Banking Install	er	ORACLE INSTALLER	
Select one of the Components			
Load Existing Property File		Browse	
◯ INFRA ◯ Scheduler ⑧ Gate	way O Switch Interface Installation		
Select Oracle Product Processors			
✓ Oracle FLEXCUBE Universal Banking			
Oracle FLEXCUBE Enterprise Limits	and Collateral Management (CO-DEPLOY)		
Oracle Banking Payments			
Oracle Banking Corporate Lending	Open Development Tool		
Oracle Banking Treasury	Oracle FLEXCUBE Universal Banking for JAPAN		
Oracle Banking Trade Finance	Oracle Banking Trade Finance		
Select Plugins to be Installed			
Host Address 10.10.10.10 1010	Origination Scheduler Standalone 💌		
<b>Reports</b> 10.10.10.10 1010	SIANET Adapter		
DMS 10.10.10.10 1010	Insulation External Adapter required		
Exit Log	Back	Next	

### Figure 1-2 Select One of the Components

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

The **Environment Details** screen displays.



Oracle FLEXCUBE Universal Installer	12.5.0.0.0	- X
Oracle Banking Inst	aller	
Provide Environment details.		
EAR Name FCUBS		
File Seperator Style	<b>•</b>	
Application Server Weblogic	<b>•</b>	
	OBMA PP Installed	
Application Server Path	C:/Oracle/Middleware/wlserver	Browse
Source Path	C:/FCUBS_146/FCUBS_14.6.0.0.0	Browse
Ear Destination Path	C:/FCUBS_146/FCUBS_14.6.0.0.0	Browse
Cookie-Name (JSESSION_ID)		
Exit Log		Back Next

Figure 1-3 Environment Details

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

The Gateway Property File Creation screen displays.

Gateway EJB Application

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

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

### 1.1.1 Gateway EJB Application

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



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

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

Figure 1-4 Gateway Property File Creation

2. Click Next.

The Multi Entity Names screen displays.



G Oracle FLEXCUBE Universal Installer		
Oracle Banking Installer		
Multi Entity Names		
Provide Entity Names		
MultiEntity Required		
S.No 1	Entity Name	
Exit Log		Back Next

### Figure 1-5 Multi Entity Names

For more information, refer to the fields description table.

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

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

3. Click Next.

The **Property File Creation** screen displays.



Source FLEXCUBE Universal Installer		_ = <b>X</b>
Oracle Banking Inst	aller	
Property File Creation Current screen provides an option f	or Enabling Single Sign on	
SSO Required	V	
SSO KEY	DN	
Authentication details maintained e External Password Required External User Login Required	Authentication Type	
With this property a user logs in or at each of them. Conversely, Singli access to multiple software syste Authentication is not required, kee MSAD/LDAP User Login Required: External Password Required: The either the MSAD/LDAP user ID or F Authentication Type: LDAP/MSAD i	ice and gains access to all systems without being prompted to log in again a sign-off is the property whereby a single action of signing out terminates ms.This screen provides an option for External Authentication. If External p the all options unchecked and Click on Next. Jser can login with MSAD/LDAP user ID as well as FCUBS user ID. user can login with MSAD/LDAP server password only. The user ID can be CUBS user ID. s the type of external server used for authentication.	
Exit Log	Back	K Next

right for rioperty ric creation	Figure 1-6	Property File Creation
---------------------------------	------------	------------------------

Oracle FLEXCUBE Universal Installer		
Oracle Banking Install	er 💦	
Property File Creation Current screen provides an option for Er SSO Required SSO KEY	nabling Single Sign on ] N	
Authentication details maintained extern External Password Required External User Login Required	al to FLEXCUBE Authentication Type MSAD MSAD LDAP	
With this property a user logs in once a at each of them. Conversely, Single sig access to multiple software systems. Authentication is not required, keep the MSAD/LDAP User Login Required: User External Password Required: The user either the MSAD/LDAP user ID or FCUB	and gains access to all systems without being prompted to lo In-off is the property whereby a single action of signing out te This screen provides an option for External Authentication. If I e all options unchecked and Click on Next. In can login with MSAD/LDAP user ID as well as FCUBS user ID. In can login with MSAD/LDAP server password only. The user I S user ID.	g in again rminates External D can be
Authentication Type: LDAP/MSAD is the	e type of external server used for authentication.	Pack Navt

Figure 1-7 Property File Creation -Authendication details

 Table 1-2
 Property File Creation - Field Description

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

Field	Description
External Password Required	<ul> <li>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:</li> <li>MSAD/LDAP user ID</li> <li>FCUBS user ID</li> <li>If you do not check this box, then the installer skips the following screen and directly navigates to the Modifying Gateway Properties screen.</li> </ul>
Authentication Type	<ul> <li>Select the authentication type. This is the type of external server that is used. Select one of the following options:</li> <li>MSAD (Microsoft Active Directory)</li> <li>LDAP (Lightweight Directory Access Protocol)</li> <li>The default option is MSAD, and this can be modified.</li> </ul>

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

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

4. Click Next.

The **Property File Creation** screen displays.

### Figure 1-8 Property File Creation - LDAP Server Details

🔬 Oracle	FLEXCUBE Universal Installer			<b>X</b>
Ora	acle Banking Instal	ler		
Prope	erty File Creation			
LDAP	Server Details for Gateway			
No.	Name	Value		
1	LDAP SERVER URL	LDAP://10.10.10.10:111	<b>^</b>	
2	LDAP SSL ENABLED			
3	SECURITY AUTHENTICATIO	Simple	=	
4	DOMAIN NAME	I-FLEX.COM		
5	LDAP SERVER TIMEOUT	0	-	
E	Exit			Back Next



Table 1-3	LDAP	Server	Details
-----------	------	--------	---------

Field	Description
LDAP Server URL	Specify the URL to access the LDAP server where the external user ID and password are maintained.
LDAP SSL Enabled	Check this box if the LDAP server is SSL enabled. If you check this box, then specify the SSL port also in the field LDAP SERVER URL. By default, this check box is unchecked. However, you can change this.
Security Authentication Type	<ul> <li>Depending on the authentication mechanism supported by the LDAP server, select one of the following:</li> <li>Simple</li> <li>Strong</li> <li>Notes:</li> <li>Different servers support different authentication mechanisms.</li> <li>By default, the security authentication type is Simple. However, the user can change this.</li> </ul>
Domain Name	Specify the domain name.
LDAP Server Timeout	Specify the LDAP server timeout in milliseconds. This must be a positive integer value. For example, you can specify 1000, 10000, or 5000. If it is zero or less, it indicates that no read timeout is specified. Then the wait for the response is infinite until it is received. By default, the LDAP server timeout is zero, However, you can change this.

5. Click Next.

The **Property File Creation** screen displays.



🕌 Oracle FLEXCUBE Universal Insta	ller 12.5.0.0.0	- 🗆 X
Oracle Banking In	staller	
Property File Creation Current screen provides an op	tion for modifying the Gateway Properties	
XSD Path	/Kernel11.1/GW_EJB/XSD/	
Logger File	/Kernel11.1/GW_EJB/config/gw_ejb_logger.properties	
Debug Path	/Kernel11.1/GW_EJB/log/	
Security Key for Encryption	oraclefinancials	
SMS Pool Name	jdbc/fcjdevDSSMS	
DataSource	FLEXTEST.WORLD	
	POSS DataSource OPSS CSF Available	
POSS DataSource	POSSIEST.WORLD	
Distributed Schema	No 💌	
MSG IN log Required	No 🔽 MSG OUT log Required No 🔽	
	Integration with CN Logger	
Exit Log		Back Next

Figure 1-9 Property File Creation	Figure 1-9	Property File Creation
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 Table 1-4
 Property File Creation - Field Description

Field	Description
XSD Path	<ul> <li>Specify the path to the XSD file. The file name is not required. File separator must be <i>I</i>. There must be a <i>I</i> at the end. All the relevant XSD files must be manually copied to this location.</li> <li>For example,</li> <li>For Windows - D:\Kernel11.1\GW_EJB\XSD\</li> <li>For Linux - /Kernel11.1/GW_EJB\XSD/</li> </ul>
Logger File	<ul> <li>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,</li> <li>For Windows - D:\Kernel11.1\GW_EJB\config\gw_ejb_logger.properties</li> <li>For Linux - /Kernel11.1/GW_EJB/config/ gw_ejb_logger.properties</li> </ul>
Debug Path	<ul> <li>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.</li> <li>For example,</li> <li>For Windows - D:\Kernel11.1\GW_EJB\log\</li> <li>For Linux - /Kernel11.1/GW_EJB\log/</li> </ul>



Field	Description	
Security Key for Encryption	Specify the security key for the encryption. Here, in this case, it is <b>oraclefinancials</b> .	
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. <b>Note:</b> Select this only if Oracle Platform Security Services - Credential Store Framework (CSF) is installed as per the guidelines in the pre-requisite document. It is recommended that you install CSF for safeguarding application-specific security credentials.	
Distributed Schema	<ul> <li>If the schema is distributed, select Yes.</li> <li>If the schema is not distributed, select No.</li> </ul>	
MSG IN LOG Required	Select Yes or No from the drop-down.	
MSG OUT LOG Required	Select Yes or No from the drop-down.	

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

6. Click Next.

The Property Installation screen displays.

#### Figure 1-10 Property Installation

Oracle FLEXCUBE Universal Installer 12.5.0.0.0 X ORACLE Oracle Banking Installer INSTALLER **Property Installation** Current screen Displays the status of the object loaded. 2022-05-24T16:02:37,787 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After process deleting the Clast 2022-05-24T16:02:37,788 DEBUG [AWT-EventQueue-0] com.ofss.installer.Fcubsinstaller: Screen Name for load of Next screen : Gw 2022-05-24T16:02:37,788 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Comes with : com.ofss.instal 2022-05-24T16:02:37,839 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: return with Order : com.ofss.installer.gate 2022-05-24T16:02:37,842 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwProps: load()-->Gateway Properties are 2022-05-24T16:02:37,843 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In SetShowPanel: Obj already exist for Cla 2022-05-24T16:02:59,482 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: NextButtonActionPerformed->Next action 2022-05-24T16:02:59,483 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: Screen Name for process of current scree 2022-05-24T16:02:59,483 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : Obj already exist for ClassNam 2022-05-24T16:02:59,483 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwProps: process()--> setting next scree 2022-05-24T16:02:59,548 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwProps: process0-->XSD\_PATH =/Kerne 2022-05-24T16:02:59,549 DEBUG [AWT-EventQueue-0] com.ofss.installer.Fcubsinstaller: In invoke : After process deleting the Clas 2022-05-24T16:02:59;549 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: Screen Name for load of Next screen : pro 2022-05-24T16:02:59;549 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Comes with : com.ofss.insta 2022-05-24T16:02:59,575 DEBUG [AWT-EventQueue-0] com.ofss.installer.Installer.Frame: return with Order : com.ofss.installer.gate 4 • Save Back Exit Home Log

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The property file will be created in a temporary folder.

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

### 1.1.2 Gateway MDB Application

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

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

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

Figure 1-11 Gateway Property File Creation

2. Click Next.

The Multi Entity Names screen displays.

G. Oracle FLEXCUBE Universal Installer		
Oracle Banking Installer		
Multi Entity Names		
Provide Entity Names		
MultiEntity Required		1 A
S.No	Entity Name	
Exit Log		Back Next

Figure 1-12 Multi Entity Names

For more information, refer to the fields description table.

Table 1-5	Multi Entity	/ Names -	Field	Descrip	otion
-----------	--------------	-----------	-------	---------	-------

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

3. Click Next.

The **Property File Creation** screen displays.



Garacle FLEXCUBE Universal Installer	
Oracle Banking Installer	ORACLE INSTALLER
Property File Creation Current screen provides an option for Enabling Single Sign on	
SSO Required  SSO KEY DN	
Authentication details maintained external to FLEXCUBE External Password Required Authentication Type MSAD 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.	V
Exit Log Back	Next

### Figure 1-13 Property File Creation

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

Figure 1-14 Property File Creation - Authentication Type

 Table 1-6
 Property File Creation - Field Description

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



Field	Description		
External Password Required	<ul> <li>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.</li> <li>Notes:</li> <li>If you check this box, the user ID can be either MSAD/LDAP user ID or the FCUBS user ID, and the password can be MSAD/LDAP user ID are password only.</li> </ul>		
	<ul> <li>If you do not check this box, then the installer skips the follow screen and directly navigates to the Modifying Gateway Properties screen.</li> </ul>		
	The field <b>Authentication Type</b> is enabled if one of the check boxes ( <b>External Password Required</b> or <b>External User Login Required</b> ) is selected.		
Authentication Type	<ul> <li>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 -</li> <li>MSAD (Microsoft Active Directory)</li> <li>LDAP (Lightweight Directory Access Protocol)</li> <li>The default option is MSAD. However, you can change this.</li> </ul>		

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

4. Click Next.

The **Property File Creation** screen displays.

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

🛃 Or	acle	FLEXCUBE Universal Installer			
(	Dra	cle Banking Insta	ler		
P	rope	rty File Creation			
L	DAP	Server Details for Gateway			
	No.	Name	Value		
1		LDAP SERVER URL	LDAP://10.10.10.10:111	<b>_</b>	
2		LDAP SSL ENABLED			
3		SECURITY AUTHENTICATIO	Simple	=	
4		DOMAIN NAME	I-FLEX.COM		
5		LDAP SERVER TIMEOUT	0	-	
ſ	E	xit Log			Back Next



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

Field	Description	
LDAP Server URL	Specify the URL to access the LDAP server where the external user ID and password are maintained.	
LDAP SSL Enabled	Check this box if the LDAP server is SSL enabled. If you check this box, then specify the SSL port also in the field <b>LDAP SERVER URL</b> . By default, this check box is unchecked. However, you can change this.	
Security Authentication Type	<ul> <li>Depending on the authentication mechanism supported by the LDAP server, select one of the following -</li> <li>Simple</li> <li>Strong</li> <li>Notes:</li> <li>Different servers support different authentication mechanisms.</li> <li>By default, the security authentication type is Simple, however, you can change this.</li> </ul>	
Domain Name	Specify the domain name.	
LDAP Server Timeout	Specify the LDAP server timeout in milliseconds. This must be a positive integer value. For example, specify 1000, 10000 or 5000. If it is zero or less, it indicates that no read timeout is specified. Then the wait for the response infinite until it is received. By default, the LDAP server timeout is zero, however, you can change this.	

5. Click Next.

The **Property File Creation** screen displays.



🕌 Oracle FLEXCUBE Universal Insta	ller 12.5.0.0.0	- 🗆 X
Oracle Banking Ir	istaller	
Property File Creation Current screen provides an op	tion for modifying the Gateway Properties	
XSD Path Logger File	/Kernel11.1/GW_EJB/XSD/ /Kernel11.1/GW_EJB/config/gw_ejb_logger.properties	
Debug Path Security Key for Encryption	/Kernel11.1/GW_EJB/log/	
SMS Pool Name DataSource	jdbc/fcjdevDSSMS FLEXTEST.WORLD	
POSS DataSource Distributed Schema	POSS DataSource OPSS CSF Available  POSSTEST.WORLD  No	
MSG IN log Required	No  MSG OUT log Required No  Integration with CN Logger	
Exit Log		Back Next

Figure 1-16 Property File Cre
-------------------------------

 Table 1-8
 Property File Creation - Field Description

Field	Description	
XSD Path	<ul> <li>Specify the path to the XSD file. The file name is not required. File separator must be <i>I</i>. There must be a <i>I</i> at the end. All the relevant XSD files must be manually copied to this location.</li> <li>For example,</li> <li>For Windows - D:\Kernel11.1\GW_MDB\XSD\</li> <li>For Linux - /Kernel11.1/GW_MDB/XSD/</li> </ul>	
Logger File	<ul> <li>Specify the path to the gw_mdb_logger.properties file with the file name. The file must be manually copied to the specified location.</li> <li>For example,</li> <li>For Windows - D:\Kernel11.1\GW_MDB\config\gw_mdb_logger.properties</li> <li>For Linux - /Kernel11.1/GW_MDB/config/ gw_mdb_logger.properties</li> </ul>	
Debug Path	<ul> <li>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.</li> <li>For example,</li> <li>For Windows - D:\Kernel11.1\GW_MDB\log\</li> <li>For Linux - /Kernel11.1/GW_MDB/log/</li> </ul>	



Field	Description	
Security Key for Encryption	Specify the security key for the encryption. Here, in this case, it is <b>oraclefinancials</b> .	
SMS Pool Name	Specify SMS pool name. Here, in this case, it is jdbc/fcjdevDSSMS.	
DataSource	The JDBC data source is an object bound to the JNDI tree and provides database connectivity through a pool of JDBC connections.	
POSS Datasource	Select this checkbox if POSS is required. If you select this checkbox, specify the POSS Datasource name in the field below this.	
OPSS CSF Available	Indicates whether OPSS-CSF is installed or not. <b>Note:</b> Select this only if Oracle Platform Security Services - Credential Store Framework (CSF) is installed as per the guidelines in the pre-requisite document. It is recommended that you install CSF for safeguarding application-specific security credentials.	
Distributed Schema	<ul> <li>If the schema is distributed, select Yes.</li> <li>If the schema is not distributed, select No.</li> </ul>	

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

6. Click Next.

The Gateway Property File Creation screen displays.

### Figure 1-17 Gateway Property File Creation

Oracle	FLEXCUBE Universal Instal	ler 12.5.0.0.0	– 🗆 X
Ora	acle Banking In	staller	
Gatew Curre	vay Property File Creation nt screen provides an opti	on for modifying MDB Properties	
No.	Name	Value	
1	Request Queue	MDB_QUEUE	
2	Response queue	MDB_QUEUE_RESPONSE	
3	DL Queue	MDB_QUEUE_DLQ	
4	Connection Factory	MDBQCF	
5	Secure Queue		
6	Caller ID		
7	Caller Password		
	Exit		Back Next



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

 Table 1-9
 Gateway Property File Creation - Field Description

The Installer creates two files **gw\_mdb\_logger.properties** and **GW\_MDB\_Prop.properties** in the path provided to save the files.

7. Click Next.

The **Property Installation** screen displays.

### Figure 1-18 Property Installation

Oracle Bank	ing Installer		
Property Installation			
Current screen Displays	he status of the object loade	d.	
2022-05-24T16:02:37	787 DEBUG (AWT-Evento	Queue-0] com.ofss.installer.FcubsInstaller: In invoke : /	After process deleting the Clas:
2022-05-24T16:02:37	788 DEBUG (AWT-Evento	Queue-01 com.ofss.installer.InstallerFrame: classRetri	ve Comes with : com.ofss.insta
2022-05-24T16:02:37	839 DEBUG [AWT-Event0	Queue-0] com.ofss.installer.InstallerFrame: return with	Order: com.ofss.installer.gate
2022-05-24T16:02:37	842 DEBUG [AWT-Event0	Queue-0] com.ofss.installer.fcubs.gateway.GwProps: lo	oad()>Gateway Properties are
2022-05-24T16:02:37	843 DEBUG [AWT-Evento	Queue-0] com.ofss.installer.FcubsInstaller: In SetShow	/Panel: Obj already exist for Cla
2022-05-24116:02:59	482 DEBUG (AWT-Evento 483 DEBUG (AWT-Evento	Jueue-oj com orss installer. Ecubsinstaller: NextButton Jueue-Ol com orss installer Ecubsinstaller: Screen Na	ActionPenormed>Next action
2022-05-24T16:02:59	483 DEBUG [AWT-Event0	Queue-01 com.ofss.installer.FcubsInstaller: In invoke : (	Obj already exist for ClassNam
2022-05-24T16:02:59	483 DEBUG [AWT-EventC	Queue-0] com.ofss.installer.fcubs.gateway.GwProps: p	rocess()> setting next screer
2022-05-24T16:02:59	548 DEBUG [AWT-EventG	Queue-0] com.ofss.installer.fcubs.gateway.GwProps: p	rocess()>XSD_PATH =/Kerne
2022-05-24T16:02:59	549 DEBUG [AWT-Event0	Queue-0] com.ofss.installer.FcubsInstaller: In invoke : /	After process deleting the Clas:
2022-05-24116:02:59	549 DEBUG (AWT-Evento	Queue-0] com.otss.installer.Fcubsinstaller. Screen Na Queue-0] com.ofss.installer.InstallerFrame: classPatri	re for load of Next Screen ; pro
2022-05-24T16:02:59	575 DEBUG [AWT-Evento	Queue-0] com.ofss.installer.InstallerFrame: return with	Order : com.ofss.installer.gate =
			-
•			•
Property File	Logger File		Save

ORACLE

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

### 1.1.3 Gateway HTTP Servlet Application

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

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

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

Figure 1-19 Gateway Property File Creation

2. Click Next.

The Multi Entity Names screen displays.



G Oracle FLEXCUBE Universal Installer		
Oracle Banking Installer		
Multi Entity Names		
Provide Entity Names		1
MultiEntity Required		· ·
S.No	Entity Name	
Exit Log		Back Next

Figure 1-20 Multi Entity Names

For more information, refer to the fields description table.

Table 1-10	Multi Entity	/ Names -	Field	Descript	tion
------------	--------------	-----------	-------	----------	------

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

3. Click Next.

The **Property File Creation** screen displays.



🕌 Oracle FLEXCUBE Universal Insta	ller 12.5.0.0.0	- 🗆 X
Oracle Banking Ir	Istaller	
Property File Creation Current screen provides an op	tion for modifying the Gateway Properties	
XSD Path	/Kernel11.1/GW_EJB/XSD/	
Logger File	/Kernel11.1/GW_EJB/config/gw_ejb_logger.properties	
Debug Path	/Kernel11.1/GW_EJB/log/	
Security Key for Encryption	oraclefinancials	
SMS Pool Name	idbc/fcjdevDSSMS	
DataSource	FLEXTEST.WORLD	
	POSS DataSource OPSS CSF Available	
POSS DataSource	POSSTEST.WORLD	
Distributed Schema	No 🔽	
MSG IN log Required	No 💌 MSG OUT log Required No 💌	
	Integration with CN Logger	
Exit Log		Back Next

Table 1-11	Property	y File Creation	- Field Description	۱
------------	----------	-----------------	---------------------	---

Field	Description	
XSD Path	<ul> <li>Specify the path to the XSD file. The file name is not required. File separator must be <i>I</i>. There must be a <i>I</i> at the end. All the relevant XSD files must be manually copied to this location.</li> <li>For example,</li> <li>For Windows - D:\Kernel11.1\GW_HTTP\XSD\</li> <li>For Linux - /Kernel11.1/GW_HTTP/XSD/</li> </ul>	
Logger File	<ul> <li>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,</li> <li>For Windows - D:\Kernel11.1\GW_HTTP\config\gw_http_logger.properties</li> <li>For Linux - /Kernel11.1/GW_HTTP/config/ gw_http_logger.properties</li> </ul>	
Debug Path	<ul> <li>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 folder structure.</li> <li>For example,</li> <li>For Windows - D:\Kernel11.1\GW_HTTP\log\</li> <li>For Linux - /Kernel11.1/GW_HTTP/log/</li> </ul>	



Field	Description	
Security Key for Encryption	Specify the security key for the encryption. Here, in this case, it is <b>oraclefinancials</b> .	
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. <b>Note:</b> Select this only if Oracle Platform Security Services - Credential Store Framework (CSF) is installed as per the guidelines in the pre-requisite document. It is recommended that you install CSF for safeguarding application-specific security credentials.	
Distributed Schema	<ul> <li>If the schema is distributed, select Yes.</li> <li>If the schema is not distributed, select No.</li> </ul>	

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

The Installer creates two files viz. **gw\_http\_logger.properties** and **GW\_HTTP\_Prop.properties** in the path provided to save the files.

4. Click Next.

The Property Installation screen displays.

### Source FLEXCUBE Universal Installer 12.5.0.0.0 X ORACLE Oracle Banking Installer INSTALLER **Property Installation** Current screen Displays the status of the object loaded. 2022-05-24T16:02:37,787 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After process deleting the Clas 🔺 2022-05-24T16:02:37,788 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: Screen Name for load of Next screen : Gw 2022-05-24T16:02:37,788 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Comes with : com.ofss.instal 2022-05-24T16:02:37,839 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: return with Order : com.ofss.installer.gate 2022-05-24T16:02:37,842 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwProps: load()-->Gateway Properties are 2022-05-24T16:02:37,843 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In SetShowPanel: Obj already exist for Cla 2022-05-24T16:02:59,482 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: NextButtonActionPerformed-->Next action 2022-05-24T16:02:59,483 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: Screen Name for process of current scree 2022-05-24T16:02:59,483 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : Obj already exist for ClassNam 2022-05-24T16:02:59,483 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwProps: process()--> setting next scree 2022-05-24T16:02:59,548 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwProps: process0-->XSD\_PATH =/Kerne 2022-05-24T16:02:59,549 DEBUG [AWT-EventQueue-0] com.ofss.installer.Fcubsinstaller: in invoke : After process deleting the Clas: 2022-05-24T16:02:59,549 DEBUG [AWT-EventQueue-0] com.ofss.installer.Fcubsinstaller: Screen Name for load of Next screen : pro 2022-05-24T16:02:59,549 DEBUG [AWT-EventQueue-0] com.ofss.installer.Installer.Frame: classRetrive Comes with : com.ofss.insta 2022-05-24T16:02:59,575 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: return with Order : com.ofss.installer.gate • Save Back Exit Log Home

#### Figure 1-22 Property Installation



The property file will be created in a temporary folder.

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

The property file will be created in a specified folder. For Gateway EAR Building, refer to the *Installer EAR Building* user guide.

### 1.1.4 Gateway Webservices Application

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

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

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

### Figure 1-23 Gateway Property File Creation

2. Click Next.

The Multi Entity Names screen displays.

Oracle FLEXCUBE Universal Installer		
Oracle Banking Installer		
Multi Entity Names		
Provide Entity Names		
MultiEntity Required		· ·
S.No	Entity Name	
Exit		Back Next

Figure 1-24 Multi Entity Names

For more information, refer to the fields description table.

Table 1-12 Multi E	ntity Names - Fiel	d Description
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Field	Description	
MultiEntity Required	Select the <b>MultiEntity Required</b> checkbox for enabling the multi- entity deployment. After selecting this checkbox, the + and - icons will be enabled for capturing the entity name.	
+	Click + to add a new row for capturing the new entity name.	
-	Select the entity name and click -, the deletion of the existing entity name will be done.	
Entity Name	Specify the entity name as a single word. For example, ENTITY1	

3. Click Next.

The **Property File Creation** screen displays.



	stanet	
Oracle Banking	Installer	
Property File Creation Current screen provides an or	ption for Enabling Single Sign on	
SSO Required SSO KEY	DN	
Authentication details maintai External Password Required External User Login Required	Authentication Type MSAD V	
With this property a user log	s in once and gains access to all systems without being prom Single sign-off is the property whereby a single action of signi	pted to log in again
at each of them. Conversely, access to multiple software	systems. This screen provides an option for External Authentic	cation. If External
at each of them. Conversely, access to multiple software Authentication is not require MSAD/LDAP User Login Requ	systems. This screen provides an option for External Authentic d, keep the all options unchecked and Click on Next. uired: User can login with MSAD/LDAP user ID as well as FCUB!	s user ID.
at each of them. Conversely, access to multiple software Authentication is not require MSAD/LDAP User Login Requ External Password Required either the MSAD/LDAP user I Authentication Type: LDAP/M	systems. This screen provides an option for External Authentic d, keep the all options unchecked and Click on Next. uired: User can login with MSAD/LDAP user ID as well as FCUB! I: The user can login with MSAD/LDAP server password only. To D or FCUBS user ID. ISAD is the type of external server used for authentication.	sation. If External S user ID. the user ID can be
at each of them. Conversely, access to multiple software Authentication is not require MSAD/LDAP User Login Requ External Password Required either the MSAD/LDAP user I Authentication Type: LDAP/M	systems. This screen provides an option for External Authentic d, keep the all options unchecked and Click on Next. uired: User can login with MSAD/LDAP user ID as well as FCUB! I: The user can login with MSAD/LDAP server password only. T D or FCUBS user ID. ISAD is the type of external server used for authentication.	sation. If External S user ID. he user ID can be

### Figure 1-25 Property File Creation

 Table 1-13
 Property File Creation - Field Description

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

Field	Description	
External Password Required	<ul> <li>Check this box to allow user login using MSAD/LDAP password irrespective of the user ID.</li> <li>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 -</li> <li>MSAD/LDAP user ID</li> <li>FCUBS user ID</li> <li>If you do not check this box, then the installer skips the following screen and directly navigates to the Modifying Gateway Properties screen.</li> </ul>	
Authentication Type	<ul> <li>Select the authentication type. This is the type of external server that is used. Select one of the following options -</li> <li>MSAD (Microsoft Active Directory)</li> <li>LDAP (Lightweight Directory Access Protocol)</li> <li>The default option is MSAD. However, it can be changed.</li> </ul>	

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

4. Click Next.

The **Property File Creation** screen displays.

### Figure 1-26 Property File Creation

	🔮 Oracle FLEXCUBE Universal Installer					
Oracle Banking Installer						
	Property File Creation LDAP Server Details for Gateway					
	No.	Name	Value			
	1	LDAP SERVER URL	LDAP://10.10.10.10:111	<b>_</b>		
	2	LDAP SSL ENABLED				
	3	SECURITY AUTHENTICATIO	Simple	=		
	4	DOMAIN NAME	I-FLEX.COM			
	5	LDAP SERVER TIMEOUT	0	-		
	E	Exit			Back Next	



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	<ul> <li>Depending on the authentication mechanism supported by the LDAP server, select one of the following -</li> <li>Simple</li> <li>Strong</li> <li>Notes:</li> <li>Different servers support different authentication mechanisms.</li> <li>By default, the security authentication type is Simple, however, you can change this.</li> </ul>
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.

Table 1-14 LDAP server details.

5. Click Next.

The **Property File Creation** screen displays.



📓 Oracle FLEXCUBE Universal Installer 12.5.0.0.0 – 🗆 🗙			
Oracle Banking Ir	ustaller		
Property File Creation Current screen provides an op	tion for modifying the Gateway Properties		
XSD Path Logger File	/Kernel11.1/GW_EJB/XSD/ /Kernel11.1/GW_EJB/config/gw_ejb_logger.properties		
Debug Path	/Kernel11.1/GW_EJB/log/		
Security Key for Encryption SMS Pool Name	oraclefinancials jdbc/fcjdevDSSMS		
DataSource	FLEXTEST.WORLD		
POSS DataSource	POSSTEST.WORLD		
Distributed Schema MSG IN log Required	No  MSG OUT log Required No  Integration with CN Logger		
Exit Log		Back Next	

Figure 1-27	<b>Property file Creation - Modify Gateway Properties</b>
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Table 1-15	Property File	<b>Creation</b> -	<b>Field Description</b>
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Field	Description	
XSD Path	<ul> <li>Specify the path to the XSD file. The file name is not required. File separator must be <i>I</i>. There must be a <i>I</i> at the end. All the relevant XSD files must be manually copied to this location.</li> <li>For example,</li> <li>For Windows - D:\Kernel11.1\GW_WS\XSD\</li> <li>For Linux - /Kernel11.1/GW_WS\XSD/</li> </ul>	
Logger File	<ul> <li>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,</li> <li>For Windows - D:\Kernel11.1\GW_WS\config\gw_ws_logger.properties</li> <li>For Linux - /Kernel11.1/GW_WS/config/gw_ws_logger.properties</li> </ul>	
Debug Path	<ul> <li>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.</li> <li>For example,</li> <li>For Windows - D:\Kernel11.1\GW_WS\log\</li> <li>For Linux - /Kernel11.1/GW_WS/log/</li> </ul>	

Field	Description	
Security Key for Encryption	Specify the security key for the encryption. Here, in this case, it is <b>oraclefinancials</b> .	
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. <b>Note:</b> Select this only if Oracle Platform Security Services - Credential Store Framework (CSF) is installed as per the guidelines in the pre-requisite document. It is recommended that you install CSF for safeguarding application-specific security credentials.	
Distributed Schema	<ul> <li>If the schema is distributed, select Yes.</li> <li>If the schema is not distributed, select No</li> </ul>	
MSG IN LOG Required	Select Yes or No from the drop-down.	
MSG OUT LOG Required	Select Yes or No from the drop-down.	

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

6. Click Next.

The **Property File Creation** screen displays.

### Figure 1-28 Property File Creation

Source FLEXCUBE Universal Installer			×
Oracle Banking Insta	ller		
Property File Creation			
Specify the EJB Application Name			
EJB Application Name	GWEJB	]	
Please remember the EJB Application	on name , the same name has to be	used while deploying the EJB.	
Exit		Ba	ck Next



- On the Property File Creation screen, specify the name of the EJB application deployed. For example, GWEJB
- 8. Click Next.

The Gateway Property File Creation screen displays.

4	Oracle FLEXCUBE Universal Installer				
	Oracle Banking Installer				
	Gat Cur	eway Property File Creation rrent screen provides an opti	on for modifying WebServices Properties		
	No	. Name	Value		
	1	EJB JNDI Name	#com.ofss.fcubs.gw.ejb.GWEJBRemote	<b>^</b>	
	2	Application Server URL	http://10.10.10.10:7001		
	3	User Name	infra	=	
	4	Password	•••••		
	5	EJB Look Up		•	
	Apr	olication type can later be ea	dited in env.properties		
	Exit Log Back Next				

#### Figure 1-29 Gateway Property File Creation

Table 1-16 (	Gateway I	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 <b>REMOTE</b> , this will create <b><ejb_application_name>#com.ofss.fcubs.gw.ejb.GWEJBRe</ejb_application_name></b> <b>mote</b> in <b>GW_WS_Prop.properties</b> 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



Field	Description	
User Name	Specify the user name to access the application server where the EJB application is deployed. For example, INFRA	
Password	Specify the password for the user name.	
EJB Look Up	Specify the EJB look up type from the drop-down list. The options are LOCAL/REMOTE.	
Application Type	<ul> <li>Specify the application type from the drop-down list.</li> <li>Notes: <ul> <li>If the Application Type is INTEGRATED then the EJB Look Up should be selected as LOCAL.</li> <li>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).</li> <li>The Installer creates two files viz. gw_ws_logger.properties and GW_WS_Prop.properties in the path provided to save the files.</li> </ul> </li> </ul>	

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

9. Click Next.

The **Property Installation** screen displays.

Oracle FLEXCUBE Universal Installer 12.5.0.0.0	- 🗆 X
Oracle Banking Installer	
Property Installation         C0222-05-24T16:02:37,787 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After property 16:02:37,788 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: Screen Name for 2022-05-24T16:02:37,788 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Core 2022-05-24T16:02:37,789 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Core 2022-05-24T16:02:37,842 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: return with Orde 2022-05-24T16:02:37,843 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwProps: load0-2022-05-24T16:02:59,483 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In SetShowPane 2022-05-24T16:02:59,483 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In SetShowPane 2022-05-24T16:02:59,483 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After property File         Property File       Logger File	INSTALLER Process deleting the Class r load of Next screen : Gw mes with : com.ofss.insta r: com.ofss.installer.gate Gateway Properties are et: Obj already exist for ClassNam rss0> setting next screer rss0> setting next screer r: com.ofss.installer.gate ↓ Save
Exit Log	Back Home

Figure 1-30 Property Installation



The property file will be created in a temporary folder.

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

The property file will be created in a temporary folder. For Gateway EAR Building, refer to the *Installer EAR Building* document.

### 1.1.5 REST Services Application

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

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



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

2. Click Next.

The SMS Schema Details screen displays.



Chaolo Burning I	nstaller	
SMS Schema Details		
Name	Value	
Jsername	installer	
assword	•••••	
Service Name	testdb	
P Address	10.10.10	
fort	1521	
'NS Connect Descriptor	testdb	Test Connection

Figure 1-32 SMS Schema Details

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

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

4. Click Next.

The **Property File Creation** screen displays.

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



🕌 Oracle FLEXCUBE Universal Insta	ller 12.5.0.0.0	- 🗆 X
Oracle Banking In	staller	
Property File Creation Current screen provides an op	tion for modifying the Gateway Properties	
XSD Path	/Kernel11.1/GW_EJB/XSD/	
Logger File	/Kernel11.1/GW_EJB/config/gw_ejb_logger.properties	
Debug Path	/Kernel11.1/GW_EJB/log/	
Security Key for Encryption	oraclefinancials	
SMS Pool Name	idbc/fcjdevDSSMS	
DataSource	FLEXTEST.WORLD	
	POSS DataSource     OPSS CSF Available	
POSS DataSource	POSSTEST.WORLD	
Distributed Schema	No 💌	
MSG IN log Required	No 🔽 MSG OUT log Required No 🔽	
	Integration with CN Logger	
Exit Log		Back Next

Table 1-17	Property File Creat	ion - File Description
------------	---------------------	------------------------

Field	Description
XSD Path	Specify the XSD path.
Logger File	Specify logger property file path.
Debug Path	Specify the path where debugs are to be written.
Security Key for Encryption	Specify the security key for the encryption. Here specify oraclefinancialsolutions.
SMS Pool Name	Specify valid pool name. This field displays the default value <b>jdbc/ fcjdevDSSMS</b> .
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 <b>POSS DataSource</b> box is checked, specify the POSS Datasource Name in this field.
Distributed Schema	Select either Yes or No from the drop-down list.
MSG IN Log Required	Select either Yes or No from the drop-down list.
MSG OUT Log Required	Select either Yes or No from the drop-down list.

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

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

6. Click **Next** to Specify REST Services information.

The **RESTServices Properties** screen displays.

### Figure 1-34 RESTServices Properties

🛃 Oracle FLEXCUBE Universal In	staller 12.5.0.0.0					570		×
Oracle Banking	Installer						LER	
<b>RESTServices</b> Properties								
Current screen provides an	option for modify	ing the REST Services Pro	pertie	s				
REST Services Logger File		/Kernel11.1/RESTServi	ces/co	nfig/gw_rest_logge	r.properties			
REST Services Debug Path		/Kernel11.1/RESTServi	ces/lo	g/				
REST Services Security Key fo	or Encryption	oraclefinancials						
REST Services Msg Schema	Pool Name	jdbc/fcjdevDSSMS						
Authentication Scheme		FLEXCUBE	-	Deployment Type	INDIVIDU	AL		-
REST Client ID		oracle						
REST Client Secret		CustomerServer						
Access Token URL		http://10.184.132.161:1	4100/	ns_oauth/oauth2/er	ndpoints/oauths	ervice/tokens	]	
Swagger Host		10.10.10.10:1010		Swagger Version	14.1			
REST EJB Details								
CTX Factory	weblogic.jndi.W	LInitialContextFactory	Pr	ovider URL	t3://10.10.10.1	0:1010		
Security Principal	weblogic		Se	curity Credentials	•••••			
JNDI Name	GWRestEJB#co	m.ofss.fcc.gw.rest.GWRe	stRen	note				
Exit Log	)				Back	Nex	d	

For more information, refer to the fields description table.

### Table 1-18 REST Services Properties

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



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

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

7. Click Next.

The **Property Installation** screen displays.

### Figure 1-35 Property Installation

Sracle FLEXCUBE Universal Installer 12.5.0.0.0	- 🗆 X
Oracle Banking Installer	
Property Installation	
Current screen Displays the status of the object loaded.	
0000.05.04748-00-07.707.DEDLIG (AMT EventOusue 0) com ofes installer Exchemetaller. In invoke - After r	process delating the Class
2022-05-24T16.02:37,788 DEBUG [AVT-EventQueue-0] com.ofss.installer. FcubsInstaller: Screen Name fo 2022-05-24T16.02:37,788 DEBUG [AVT-EventQueue-0] com.ofss.installer.fcubsInstaller: Screen Name fo 2022-05-24T16.02:37,842 DEBUG [AVT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwProps: load()- 2022-05-24T16.02:37,843 DEBUG [AVT-EventQueue-0] com.ofss.installer.fcubsInstaller: In SetShowPane 2022-05-24T16.02:37,843 DEBUG [AVT-EventQueue-0] com.ofss.installer.fcubsInstaller: In SetShowPane 2022-05-24T16.02:59,483 DEBUG [AVT-EventQueue-0] com.ofss.installer.fcubsInstaller: In SetShowPane 2022-05-24T16.02:59,483 DEBUG [AVT-EventQueue-0] com.ofss.installer.fcubsInstaller: In SetShowPane 2022-05-24T16.02:59,483 DEBUG [AVT-EventQueue-0] com.ofss.installer.fcubsInstaller: Screen Name fo 2022-05-24T16.02:59,483 DEBUG [AVT-EventQueue-0] com.ofss.installer.fcubsInstaller: In invoke 'After 2022-05-24T16.02:59,483 DEBUG [AVT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwProps: proces 2022-05-24T16.02:59,548 DEBUG [AVT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwProps: proces 2022-05-24T16.02:59,548 DEBUG [AVT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwProps: proces 2022-05-24T16.02:59,549 DEBUG [AVT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwProps.gateway.GwProps.gateway.GwProps.gateway.GwProps.gateway.GwProps.gateway.GwProps.gateway.GwProps.gateway.GwProps.gateway.GwProps.gateway.GwProps.gateway.GwProps.gateway.GwProps.gate	r load of Next screen : Gw mes with : com.ofss.insta ->Gateway Properties are di Obj already exist for Cla Performed>Next action r process of current scree ready exist for ClassNam so(> setting next screer as()>XSD_PATH =/Kerne process deleting the Class r load of Next screen : pro mes with : com.ofss.insta r : com.ofss.installer.gate
Property File Logger File	Save
Exit Log	Back Home

- 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.

