# Oracle® Banking Payments GATEWAY Property File Creation



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ORACLE

Oracle Banking Payments GATEWAY Property File Creation, Release 14.7.0.0.0

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## 1 Preface

- Purpose
- Audience
   This manual is intended for the following User/User Roles:
- Documentation Accessibility
- Critical Patches
- Diversity and Inclusion
- Conventions

### Purpose

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

## Audience

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

### Table 1-1 User Roles

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

## **Documentation Accessibility**

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

### Access to Oracle Support

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

## **Critical Patches**

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



## **Diversity and Inclusion**

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

## Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

## 2 Creating Property File for Gateway Applications

#### Introduction

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

### Create Property File

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

## Introduction

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

## **Create Property File**

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

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

The Welcome To Oracle FLEXCUBE Universal Banking Installer screen displays.



ng Installer		ORACLE
2020	June 1	INSTALLER
versal Banking Installer		
ase should be installed. e installed.		
nd Oracle Home path.		
C:/Program Files/Java/jdk1.8.0_211		Browse
D:/app/client/SHEK/product/18.0.0/clien	L1	Browse
Normat		
the below options:		
29		Back Next
	versal Banking Installer ase should be Installed. e Installed. Ind Oracle Home path. C:/Program Files/Java/jdk1.8.0_211 D:/app/client/SHEK/product/18.0.0/client Normat	ersal Banking Installer ase should be Installed. e Installed. IN Oracle Home path. C:IProgram Files/Java/jdk1.8.0_211 D:/app/client/SHEK/product/18.0.0/client_1 Normat The below options:

Figure 2-1 Welcome To Oracle FLEXCUBE Universal Banking Installer

2. Select component as Gateway.

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

Oracle Banking	Installer		3)	
elect one of the Components				Browse
INFRA Scheduler elect Oracle Product Process	Gateway O Swi ors	itch Interface Installation		
Oracle FLEXCUBE Univers	al Banking			
Oracle FLEXCUBE Enterpr	ise Limits and Collateral Mar	nagement (CO-DEPLOY)		
Oracle Banking Payments	·			
Oracle Banking Corporate	Lending 📃 Open Dev	elopment Tool		
Oracle Banking Corporate     Oracle Banking Treasury	e Lending 📄 Open Dev	elopment Tool Oracle FLEXCUBE Universal Bar	iking for JAPAN	
Oracle Banking Corporate     Oracle Banking Treasury     Oracle Banking Trade Fin	ance	elopment Tool Oracle FLEXCUBE Universal Bar	iking for JAPAN	
Oracle Banking Corporate Oracle Banking Treasury Oracle Banking Trade Fin	e Lending Open Dev	elopment Tool Oracle FLEXCUBE Universal Bar	nking for JAPAN	
Oracle Banking Corporate Oracle Banking Treasury Oracle Banking Trade Fin Hect Plugins to be Installed Branch Controlsced	ance	elopment Tool Oracle FLEXCUBE Universal Bar	nking for JAPAN	
Oracle Banking Corporate Oracle Banking Treasury Oracle Banking Trade Fin Hect Plugins to be Installed Branch Branch Controlsted Host Address 10.10.10.10	Lending Open Dev ance Load Existing Branc 1010 BPEL	elopment Tool Oracle FLEXCUBE Universal Bar ch Property File	nking for JAPAN	
Oracle Banking Corporate Oracle Banking Treasury Oracle Banking Trade Fin Oracle Banking Trade Fin Nect Plugins to be Installed Branch Controlsted Host Address 10.10.10.10 Reports 10.10.10	ance Load Existing Branc 1010 BPEL 1010 OFTW	elopment Tool Oracle FLEXCUBE Universal Bar th Property File Scheduler FGL	iking for JAPAN	

Figure 2-2 Gateway

3. Enter the Required details in the Screen.

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

Source FLEXCUBE Universal Installer	12.5.0.0.0	- 🗆 X
Oracle Banking Inst	aller	
Provide Environment details.		
EAR Name FCUBS		
File Seperator Style	*	
Application Server Weblogic	¥	
	OBMA PP Installed	
Application Server Path	C:/Oracle/Middleware/wiserver	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		Back

Figure 2-3 Provide Environmental details

- Gateway EJB Application
- Gateway MDB Application
- Gateway HTTP Servlet Application

## Gateway EJB Application

1. Select Gateway EJB as the application type .



Oracle FLEXCUBE Universal Installer 14.1.0.0.0	
Oracle Banking Installer	
Gateway Property File Creation	
Choose the Gateway Application Type	
Gateway EJB	
○ Gateway MDB	
○ Gateway HTTP Servlet	
O Gateway Webservices	
$\bigcirc$ REST Services (Applicable to UBS 14.1 and above versions)	
Exit	Back Next

### Figure 2-4 Gateway Property File Creation

### Note:

Before proceeding, ensure that the folder structures used in the following steps are created.

2. Click Next button.

The installer displays the 'Multi Entity' screen.



Gracle FLEXCUBE Universal Installer 14.1.0.0.0		
Oracle Banking Installer		
Multi Entity Names		
Provide Entity Names		
MultiEntity Required		· · · · · · · · · · · · · · · · · · ·
S.No	Entity Name	
1ENITY1		
Exit		Back Next

### Figure 2-5 Multi Entity

3. On the Multi Entity Names screen, specify the fields.

Table 2-1 Man Entry Manes - Field Description	Table 2-1	Multi Entity	y Names - Field	Description
---	-----------	--------------	-----------------	-------------

Field	Description
MultiEntity Required	Check the <b>MultiEntity Required</b> box to enable the multi-entity deployment. This will enable + and - 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

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

The **Property File Creation** screen displays.

S Oracle FLEXCUBE Universal Installer 14.1.0.0.0	
Oracle Banking 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	
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.	•
Exit Log Back	Next

Figure 2-6 Property File Creation

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

 Table 2-2
 Property File Creation - Field Description

Field	Description
SSO Required	Check this box to enable single sign-on (SSO). If you check this box, specify the <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</b> <b>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> .

Field	Description	
External User Login Required	Check this box to enable user login using MSAD (Microsoft Active Directory)/LDAP (Lightweight Directory Access Protocol) user ID. <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.	
	Figure 2-7 Property File Creation	
	Property File Creation Current screen provides an option for Enabling Single Sign on SSD Required SSD NEY DN	
	Authentication details mattalanse alvana to FLEXCURE External Passance Regulard (2): Authentication Type External User Login Required (2): Login	
	with this property a ware root and parts access to all systems without being prompted to be in sight a at each of the true. Constrainty, Signal and This being prompt. In the property the interval and the product of	
	Ext Log Back Next	

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



Field	Description	
External Password Required	Check this box to allow user login using MSAD/ LDAP password irrespective of the user ID. If you check this box, the user can log in using MSAD/ LDAP server password only. The user ID can be one of the following: • MSAD/LDAP user ID • Payments user Id If you do not check this box, then the installer skips the following screen and directly navigates to the Modifying Gateway Properties screen.	
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 2-2 (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.

6. Click Next.

The **Property File Creation** screen displays.



			5 3	INSTALLER
Prope	erty File Creation Server Details for Gateway			
No	Nama	Value		
1	L DAP SERVER URI	L DAP://10.10.10.10:111		
2	LDAP SSL ENABLED			
3	SECURITY AUTHENTICATIO	Simple	_	
4	DOMAIN NAME	I-FLEX.COM		
5	LDAP SERVER TIMEOUT	0	-	

Figure 2-9 Property File Creation

7. Specify the following LDAP server details.

Table 2-3 LDAP Server Details

Field	Description
LDAP Server URL	Specify the URL to access the LDAP server where the external user ID and password are maintained.
LDAP SSL Enabled	Check this box if the LDAP server is SSL enabled. If you check this box, then specify the SSL port also in the field LDAP SERVER URL. By default, this check box is unchecked. However, you can change this.

Field	Description	
Security Authentication Type	Depending on the authentication mechanism supported by the LDAP server, select one of the following: • Simple • Strong	
	<ul> <li>Note:</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.	

### Table 2-3(Cont.) LDAP Server Details

8. Click Next.

The **Property File Creation** screen displays.



Source FLEXCUBE Universal Insta	ller 14.1.0.0.0	
Oracle Banking I	nstaller	
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/fcjdevDS	
DataSource	jdbc/fcjdevDS	
	POSS DataSource OPSS CSF Available	
POSS DataSource	POSSTEST.WORLD	
Distributed Schema	No 💌	
MSG IN log Required	No 👻 MSG OUT log Required No 👻	
Exit Log		Back Next

Figure 2-10 Property File Creation

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

 Table 2-4
 Property File Creation - Field Description

Field	Description
XSD Path	<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.</li> <li>For example,</li> <li>For Windows - D:\Kernel11.1\GW_EJB\config\gw_ejb_logg er.properties</li> <li>For Linux - /Kernel11.1/GW_EJB/config/gw_ejb_logger.properties</li> </ul>



Field	Description
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>

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

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



### Figure 2-11 Property File Creation

aller 14.1.0.0.0	
nstaller	
ption for modifying the Gateway Properties	
Kernel11.1/GW_EJB/XSD/	
Kernel11.1/GW EJB/config/aw eib logger properties	
/Kernel11.1/GW_EJB/log/	
oraclefinancials	
jdbc/fcjdevDS	
jdbc/fcjdevDS	
POSS DataSource OPSS CSF Available	
POSSTEST.WORLD	
No 💌	
No  MSG OUT log Required No	
	Back Next
	Aller 14.10.00  Installer  ption for modifying the Gateway Properties    Kernel11.1/GW_EJB/XSD/   [Kernel11.1/GW_EJB/config/gw_ejb_logger.properties]   [Kernel11.1/GW_EJB/log/   oraclefinancials   [dbc/fcjdevDS   [dbc/fcjdevDS   [DOSS DataSource ] OPSS CSF Available   FOSSTEST WORLD   No    No    MSG OUT log Required No



Field	Description
DataSource	The JDBC data source is an object bound to the JNDI tree and provides database connectivity through a pool of JDBC connections.
POSS Datasource	Check this box if POSS is required. If you check this box, specify the POSS datasource name in the field below this.
OPSS CSF Available	Indicates whether OPSS-CSF is installed or not. <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	If the schema is distributed, select <b>Yes</b> . If the schema is not distributed, select <b>No</b> .
Security Key for Encryption	Specify the security key for the Encription,here in this case it is 'Oraclefinancialsolutions'.
RTT plugin Required	Chose the check box if rtt plugin is required.
MSG IN LOG Required	Select Yes/No from the drop-down box.
MSG OUT LOG Required	Select Yes/No from the drop-down box.

 Table 2-5
 Property File Creation - Field Description

11. Click Next.

The **Property Installation** screen displays.



Oracle FLEXCUBE Universal Installer 14.1.0.0.0	0	
Oracle Banking Installer		
Property Installation Current screen Displays the status of the object	loaded.	
2018-06-06T15:54:51,838 DEBUG [AWT-Ex 2018-06-06T15:54:51,838 DEBUG [AWT-Ex 2018-06-06T15:54:51,838 DEBUG [AWT-Ex 2018-06-06T15:54:51,838 DEBUG [AWT-Ex 2018-06-06T15:55:33,497 DEBUG [AWT-Ex 2018-06-06T15:55:33,497 DEBUG [AWT-Ex 2018-06-06T15:55:33,497 DEBUG [AWT-Ex 2018-06-06T15:55:33,497 DEBUG [AWT-Ex 2018-06-06T15:55:33,512 DEBUG [A	ventQueue-0) com.ofss.installer.FcubsInstaller. In invo ventQueue-0) com.ofss.installer.FcubsInstaller. Scree ventQueue-0) com.ofss.installer.Installer.Frame: class ventQueue-0) com.ofss.installer.Installer.Frame: return ventQueue-0) com.ofss.installer.FcubsInstaller. In Set ventQueue-0] com.ofss.installer.FcubsInstaller. In Set ventQueue-0] com.ofss.installer.FcubsInstaller. In Set ventQueue-0] com.ofss.installer.FcubsInstaller. In set ventQueue-0] com.ofss.installer.FcubsInstaller. In invo ventQueue-0] com.ofss.installer.fcubs.gateway.GwPro ventQueue-0] com.ofss.installer.fcubs.gateway.GwPro ventQueue-0] com.ofss.installer.FcubsInstaller. In invo ventQueue-0] com.ofss.installer.FcubsInstaller. Scree ventQueue-0] com.ofss.installer.FcubsInstaller. Scree ventQueue-0] com.ofss.installer.Installer.Frame: class ventQueue-0] com.ofss.installer.Installer.Frame: class	oke : After process deleting the Clas: n Name for load of Next screen : Gw Retrive Comes with : com.ofss.installer.gate pps: load)>Gateway Properties are ShowPanel: Obj already exist for Cla uttonActionPerformed->Next action n Name for process of current screen objes: process()> setting next screen objes: process()> setting next screen : pro Retrive Comes with : com.ofss.installer.gate with Order : com.ofss.installer.gate
Property File Logger File		Save
	Please press continue to go to other Gate	way applicatio Continue>
Exit Log		Back Next

Figure 2-12 Property File Installation

The property file will be created in a temporary folder.

- **12.** Click **Property File** to view the created property file.
- 13. Click **Save** to save the created property file in the desired location.
- 14. Click **Continue** to continue the installation process with gateway application type.
- 15. Click Next to navigate to the installer home screen.

### Gateway MDB Application

- 1. Start Oracle Universal Banking Solution Installer.
- 2. Select Gateway MDB application type, and click Next.

S Oracle FLEXCUBE U	niversal Installer 1	4.2.0.0.0	The local division of	-		
Oracle Banking Installer				TALLER		
Provide Environmen	t details.					
EAR Name Context Name	FCUBS FCJNeoWeb					
File Seperator Style	Linux	*				
Application Server	Weblogic	*				
Application Server Pa	ath	D:/oracle/wis12210/w	Iserver		Browse	
Source Path		D:/14.10sdc/14.2.0.0.	0/OB_PAYMENTS_1	4.2.0.0.0_GA_OUT	Browse	l I
Ear Destination Path		D:/14.10sdc/14.2.0.0.	0/OB_PAYMENTS_1	4.2.0.0.0_GA_OUT	Browse	
Exit	Log				Back	Next

Figure 2-13 Provide Environment Details

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

Oracle FLEXCUBE Universal Installer 14.1.0.0.0	Banking	
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 version)	ersions)	
Exit	(	Back Next

Figure 2-14 Gateway Property File Creation

- 4. On the **Gateway Property File Creation** screen, select **Gateway MDB** to create configuration files for the application.
- 5. Click Next, the installer displays the Multi Entity screen.



Source FLEXCUBE Universal Installer 14.1.0.0.0	te Walk Dolly screen.	
Oracle Banking Installer		
Multi Entity Names		
Provide Entity Names		
MultiEntity Required		1
S.No	Entity Name	
Exit		Back Next

### Figure 2-15 Multi Entity Name

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

### Table 2-6 Multi Entity Names - Field Description

Field	Description
MultiEntity Required	Select the <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	Enter the entity name as a single word. For example, ENTITY1

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

S Oracle FLEXCUBE Universal Installer 14.1.0.0.0	
Oracle Banking 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	
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.	
Exit Log Back	Next

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

 Table 2-7
 Property File Creation - Field Description

Field	Description
SSO Required	Check this box to enable single sign-on (SSO). If you check this box, specify the SSO Key.
SSO Key	Specify the SSO key. If you have checked the box <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 Modifying the Gateway properties screen.



Field	Description
External Password Required	Check this box to allow user login using MSAD/LDAP password irrespective of the user ID. By default, this check box is unchecked. However, you can change this.
	Note: If you check this box, the user ID can be either MSAD/LDAP user ID or the Payments user ID, and the password can be MSAD/LDAP server password only.
	If you do not check this box, then the installer skips the following screen and directly navigates to the Modifying Gateway Properties screen. Figure 2-17 Property File Creation
	Oracle Deaching Installer 14.10.0      ORACLE      ORACLE
	Oracle Banking Installer       INSTALLER         Property File Creation       Current screen provides an option for Enabling Single Sign on         SSO Required       Image: SSO KEY         Authentication details maintained external to FLEXCUBE         External Password Required       Image: Authentication Type         Mith 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.         MSADLDAP User Login Required: User can login with MSADLDAP user ID as well as FCUBS user ID.       Image: External Password Required: The user can login with MSADLDAP server password only. The user ID can be either the MSADLDAP user ID or FCUBS user ID.         Authentication Type: LDAP/MSAD is the type of external server used for authentication.       Image: External Password Required: The user of the user of a uthentication.

### Table 2-7 (Cont.) Property File Creation - Field Description

Field	Description
External User Login Required	Check this box to enable user login using MSAD/LDAP user ID.
	Note:
	If you check this box, the user can log in with MSAD/LDAP server user ID as well as using Payments user ID. If you do not check this box, the user can login using Payments user ID only.
	By default, this check box is unchecked. However, you can change this.
	Figure 2-18 Property File Creation
	Oracle Banking 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 LDAP 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 user iD as well as FCUBS user ID.
	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
	💉 Note:
	The field 'Authentication Type' is enabled if one of the above check boxes is checked:
Authentication Type	Select the authentication type from the drop-down list. This is the type of external server that is used. Select one of the following options -
	<ul> <li>MSAD (Microsoft Active Directory)</li> <li>LDAP (Lightweight Directory Access Protocol)</li> </ul>
	The default option is MSAD. However, it can be changed.

 Table 2-7
 (Cont.) Property File Creation - Field Description

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

Prope LDAP	erty File Creation Server Details for Gateway			
No.	Name	Value		
1	LDAP SERVER URL	LDAP://10.10.10.10:111	-	
2	LDAP SSL ENABLED			
3	SECURITY AUTHENTICATIO	Simple	=	
4	DOMAIN NAME	I-FLEX.COM		
5	LDAP SERVER TIMEOUT	0	-	

Figure 2-19 Property File Creation

**10.** Specify the following LDAP server details.

Table 2-8 LDAP server details.

Field	Description
LDAP Server URL	Specify the URL to access the LDAP server where the external user ID and password are maintained.
LDAP SSL Enabled	Check this box if the LDAP server is SSL enabled. If you check this box, then specify the SSL port also in the field <b>LDAP SERVER URL</b> . By default, this check box is unchecked. However, you can change this.

Field	Description
Security Authentication Type	Depending on the authentication mechanism supported by the LDAP server, select one of the following - • Simple • Strong
	<ul> <li>Note:</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>
<b></b>	
	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 2-8(Cont.) LDAP server details.

11. Click Next.

Chacle Danking in		INSTALLE
Property File Creation Current screen provides an op	plion for modifying the Galeway Properlies	
VCD Dath	Kemel111/SW_MDB//SD/	
Looper File	kernel11 1/GW_MDB/config/aw_mdb_logger_properties	
Debug Path	/Kernel11.1/GW MDB/log/	
Security Key for Encryption	oraclefinancials	
SMS Pool Name	jdbc/fcjdevDS	
DataSource	jdbc/fcjdevDS	
	POSS DataSource OPSS CSF Available	
POSS DataSource	POSSTEST.WORLD	
Distributed Schema	No 🔻	
MSG IN log Required	No V MSG OUT log Required	

Figure 2-20 Property File Creation

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

Table 2-9 Property File Creation - Field Description

Field	Description
XSD Path	<ul> <li>Specify the path to the XSD file. The file name is not required.</li> <li>File separator must be /. There must be a / 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_ejb_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.propertie s</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 <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_MDB\log\</li> <li>For Linux - /Kernel11.1/GW_MDB/log/</li> </ul>

13. Click Next.



Figure 2-21 Property File Creation

Oracle FLEXCUBE Universal Insta	iller 14.1.0.0.0	
Oracle Banking In	nstaller	
Property File Creation		
Current screen provides an op	tion for modifying the Gateway Properties	
XSD Path	Kernel11.1/GW MDB/XSD/	
Logger File	Kernel11.1/GW_MDB/config/gw_mdb_logger.properties	
Debug Path	Kernel11.1/GW_MDB/log/	
Security Key for Encryption	oraclefinancials	
SMS Pool Name	jdbc/fcjdevDS	
DataSource	jdbc/fcjdevDS	
	POSS DataSource OPSS CSF Available	
POSS DataSource		
Distributed Schema	No 🔻	
MSG IN log Required	No - MSG OUT log Required No -	
Exit Log		Back Next
		Lack INEAL

 Table 2-10
 Property File Creation - Field Description

Field	Description
DataSource	The JDBC data source is an object bound to the JNDI tree and provides database connectivity through a pool of JDBC connections.
POSS Datasource	Check this box if POSS is required. If you check this box, specify the POSS Datasource name in the field below this.
OPSS CSF Available	Indicates whether OPSS-CSF is installed or not. <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.



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

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

14. Click Next.

Figure 2-22 Gateway Property File Creati
--

Dracle	FLEXCUBE Universal Insta	aller 14.1.0.0.0		
Ora	acle Banking I	nstaller		
Gatev	vay Property File Creatio	n		
Curre	nt screen provides an op	tion for modifying MDB Properties		
No.	Name	Value		
1	Request Queue	MDB_QUEUE	<b></b>	
2	Response queue	MDB_QUEUE_RESPONSE	_	
3	DL Queue	MDB_QUEUE_DLQ		
4	Connection Factory	MDBQCF		
5	Secure Queue		-	

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

Table 2-11	Gateway I	Property File	Creation	- Field Description
------------	-----------	---------------	----------	---------------------

Field	Description
Connection Factory	Specify the connection configuration parameters to create connections for JMS clients. For example, MDBQCF
Request Queue	Specify the request queue. This is the point-to-point destination type used for asynchronous peer communication. For example, MDB_QUEUE
Response Queue	Specify the response queue name. For example, MDB_QUEUE_RESPONSE



Field	Description
DL Queue	Specify the dead letter queue name. For example, MDB_QUEUE_DLQ
Secure Queue	Check this box if the <b>Caller ID</b> and <b>Caller Password</b> values have to be entered.

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

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

16. Click Next.

Figure 2-23 Property Installation

Oracle FLEXCUBE Universal Inst	aller 14.1.0.0.0		
Oracle Banking I	nstaller		
Property Installation			
Current screen Displays the status	s of the object loaded.		
2018-06-06T16:03:19,165 DE 2018-06-06T16:03:19,165 DE 2018-06-06T16:03:19,165 DE 2018-06-06T16:03:19,165 DE 2018-06-06T16:03:19,165 DE 2018-06-06T16:03:19,165 DE 2018-06-06T16:03:20,462 DE 2018-06-06T16:03:20,462 DE 2018-06-06T16:03:20,462 DE 2018-06-06T16:03:20,462 DE 2018-06-06T16:03:20,462 DE 2018-06-06T16:03:20,462 DE 2018-06-06T16:03:20,462 DE 2018-06-06T16:03:20,462 DE	BUG [AWT-EventQueue-0] com.ofss BUG [AWT-EventQueue-0] com.ofss	installer foubs.gateway.GwProps.p. installer Foubsinstaller.In invoke. A installer Foubsinstaller.Screen Nar installer Installerframe.classRetriv installer Installerframe.teturn with installer foubs.gateway.GwI/DBProj installer Foubsinstaller.In SetShow installer Foubsinstaller.Screen Nar installer Foubsinstaller.In invoke : C installer Foubsinstaller. In invoke : A installer Foubsinstaller. In invoke : A installer Foubsinstaller. In invoke : A installer Foubsinstaller. Screen Nar installer InstallerFrame.classRetriv installer.InstallerFrame.teturn with	rocess ()>XSD_PATH =/Kernf ▲ filer process deleting the Class me for load of Next screen : Gw ve Comes with : com ofss insta Order : com ofs s.installer.gate ps: load)>Cateway MDB Panet: Obj already exist for Cla ActionPerformed>Next action me for process of current scree Obj already exist for ClassNam ps: process()>Cateway MDB ther process deleting the Class me for load of Next screen : pro ve Comes with : com ofss insta Order : com.ofss.installer.gate
•			D D
Property File Log	iger File Please	press continue to go to other Gateway a	Save applicatio Continue>

The property file will be created in a temporary folder.

- **17.** Click **Property File** to view the created property file.
- **18.** Click **Save** to save the created property file in the desired location.
- **19.** Click **Continue** to continue the installation process with gateway application type.
- 20. Click Next to navigate to the installer home screen.

### Gateway HTTP Servlet Application

**1.** Start Oracle Universal Banking Solution Installer.

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

Source FLEXCUBE Un	niversal Installer 14	4.2.0.0.0			
Oracle Bar	nking Insta	iller		F.	
Provide Environmen	t details.				
EAR Name Context Name File Seperator Style	FCUBS FCJNeoWeb				
Application Server	Weblogic	-			_
Application Server Pa	ith	D:/oracle/wis12210/wiser	ver	Bro	owse
Source Path		D:/14.10sdc/14.2.0.0.0/OE	PAYMENTS_14.2.0.0.0_GA_C	DUT	owse
Ear Destination Path		D:/14.10sdc/14.2.0.0.0/OE	PAYMENTS_14.2.0.0.0_GA_C	DUT Br	owse
Exit	Log			Back	Next

Figure 2-24 Provide Environment Details

- 3. Specify the EAR name, valid Application Server Path, Source, and EAR destination path and click Next button.
- 4. Select Gateway HTTP Servlet to create configuration files for the application, and click Next.



S Oracle FLEXCUBE Universal Installer 14.1.0.0.0	
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 2-25 Gateway Property File Creation

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

S Oracle FLEXCUBE Universal Installer 14.1.0.0.0		
Oracle Banking Installer		
Multi Entity Names		
Provide Entity Names		
MultiEntity Required 🕑		· • · · ·
S.No	Entity Name	
Exit		Back Next

Figure 2-26 Multi Entity Name

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

### Table 2-12 Multi Entity Names - Field Description

Field	Description
MultiEntity Required	Select the <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	Enter the entity name as a single word. For example, ENTITY1

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

Oracle Banking I	nstaller	INSTALLER
Property File Creation		
Current screen provides an o	ption for modifying the Gateway Properties	
XSD Path	Kernel11.1/GW_HTTP/XSD/	
Logger File	kernel11.1/GW_HTTP/config/gw_http_logger.properties	
Debug Path	/Kernel11.1/GW_HTTP/log/	
Security Key for Encryption	oraclefinancials	
SMS Pool Name	[dbc/fcjdevDS	
DataSource	[dbc/fcjdevDS	
	POSS DataSource     OPSS CSF Available	
POSS DataSource	POSSTEST.WORLD	
Distributed Schema	No 💌	
MSG IN log Required	No 👻 MSG OUT log Required No 👻	

Figure 2-27 Property File Creation

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

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_ejb_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_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. For example,</li> <li>For Windows - D:\Kernel11.1\GW_HTTP\log\</li> <li>For Linux - /Kernel11.1/GW_HTTP/log/</li> </ul>

9. Click Next.



Figure 2-28 Property File Creation

Gracle FLEXCUBE Universal Insta	ler 14.1.0.0.0		
Oracle Banking Installer			
Property File Creation Current screen provides an op	tion for modifying the Gateway Properties		
XSD Path	/Kernel11.1/GW_HTTP/XSD/		
Logger File	kernel11.1/GW_HTTP/config/gw_http_logger.properties		
Debug Path	/Kernel11.1/GW_HTTP/log/		
Security Key for Encryption	oraclefinancials		
SMS Pool Name	jdbc/fcjdevDS		
DataSource	jdbc/fcjdevDS		
	POSS DataSource OPSS CSF Available		
POSS DataSource	POSSTEST WORLD		
Distributed Schema	No 💌		
MSG IN log Required	No 👻 MSG OUT log Required No 👻		
Exit Log		Back Next	

 Table 2-13
 Property File Creation - Field Description

Field	Description
DataSource	The JDBC data source is an object bound to the JNDI tree and provides database connectivity through a pool of JDBC connections.
POSS Datasource	Check this box if POSS is required. If you check this box, specify the POSS Datasource name in the field below this.



Field	Description	
OPSS CSF Available	Indicates whether OPSS-CSF is installed or not.	
Distributed Schema	<ul> <li>Note:</li> <li>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.</li> <li>If the schema is distributed, select Yes. If the schema is not distributed, select No.</li> </ul>	
	Note: The Installer creates two files viz. gw_ejb_logger.properties and GW_EJB_Prop.propertie in the path provided to save the files.	
Security Key for Encryption	Specify the security key for the encryption. Here, in this case, it is <b>Oraclefinancialsolutions</b> .	
RTT plugin Required	Chose the check box if rtt plugin is required	

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

10. Click Next.

	5				
Oracle Ba	anking Installe	r	14.5		INSTALLER
Property Installa	tion				
Current screen Dis	plays the status of the object	ct loaded.			
2018-06-06T16: 2018-06-06T16:	07:33,313 DEBUG [AWT- 07:33,313 DEBUG [AWT-	-EventQueue-0] com.o -EventQueue-0] com.o	ofss.installer.FcubsInst ofss.installer.FcubsInst	aller: In invoke : After pr aller: Screen Name for	ocess deleting the Clas:  Ioad of Next screen : Gw
2018-06-06T16:	07:33,313 DEBUG [AWT-	EventQueue-0] com.o	ofss.installer.InstallerFr	ame: classRetrive Con	nes with : com.ofss.insta
2018-06-06T16:	07:33,313 DEBUG (AWT-	-EventQueue-0] com.c	ofss.installer.fcubs.gate	way.GwProps: load()-	Com.orss.installer.gate Sateway Properties are
2018-06-06T16:	07:33,313 DEBUG [AWT-	-EventQueue-0] com.o	ofss.installer.FcubsInst	aller: In SetShowPanel	Obj already exist for Cla
2018-06-06T16:	17:54,866 DEBUG [AWT-	-EventQueue-0] com.c	ofss.installer.FcubsInst	aller: NextButtonAction	Performed>Next action
2018-06-06T16:	07:54,866 DEBUG [AWT	-EventQueue-0] com.c	ofss.installer.FcubsInst	aller: In invoke : Obj aln	eady exist for ClassNam
2018-06-06T16:	07:54,866 DEBUG [AWT-	-EventQueue-0] com.c	ofss.installer.fcubs.gate	way.GwProps: process	s()> setting next screer
2018-06-06T16: 2018-06-06T16:	17:54,882 DEBUG [AWT- 17:54,882 DEBUG [AWT-	-EventQueue-0] com.o	ofss.installer.fcubs.gate	way.GwProps: proces:	s()>XSD_PATH =/Keme
2018-06-06T16:	07:54,882 DEBUG [AWT-	-EventQueue-0] com.c	fss.installer.FcubsInst	aller: Screen Name for	load of Next screen : pro
2018-06-06T16:0	07:54,882 DEBUG [AWT-	-EventQueue-0] com.o	ofss.installer.installerFra	ame: classRetrive Con ame: return with Order	nes with : com.ofss.insta
2010-00-00110.	11.54,662 DEBOG [ATT]	Evenicadede-oj com.c	noo.motalier.motalierrit	ante, return with order	- controlas.installer.gate
•	Ш				•
	Logger File				Save
Property File					
Propeny File		Ple	ase press continue to go t	o other Gateway applicat	io Continue>
Propeny File		Ple	ase press continue to go t	o other Gateway applicat	io Continue>
Рторену ние		Ple	ase press continue to go t	o other Gateway applicat	io Continue>
Property File		Pie	ase press continue to go t	o other Gateway applicat	io Continue>
Property File		Pie	ase press continue to go t	o other Gateway applicat	io Continue>
		Pie	ase press continue to go t	o other Gateway applicat	io>

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

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

The property file will be created in the specified folder.

