Oracle Banking Trade Finance GATEWAY Property File Creation



Release 14.7.3.0.0 F94037-01 February 2024

ORACLE

Oracle Banking Trade Finance GATEWAY Property File Creation, Release 14.7.3.0.0

F94037-01

Copyright © 2007, 2024, Oracle and/or its affiliates.

Primary Authors: (primary author), (primary author)

Contributing Authors: (contributing author), (contributing author)

Contributors: (contributor), (contributor)

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software, software documentation, data (as defined in the Federal Acquisition Regulation), or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software," "commercial computer software documentation," or "limited rights data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle®, Java, MySQL, and NetSuite are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

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.

Contents

1 Creating Property File for Gateway Applications

1.1	Intro	duction	1-1	
1.2	2 Creating Property Files			
	1.2.1	Gateway EJB Application	1-3	
	1.2.2	Gateway MDB Application	1-13	
	1.2.3	Gateway HTTP Servlet Application	1-22	
	1.2.4	Gateway Web Service Application	1-26	
	1.2.5	REST Services Application	1-37	

Index



List of Figures

1-1	Oracle Banking Installer	1-1
1-2	Select One of the Components	1-2
1-3	Provide Environment Details	1-2
1-4	Gateway Property File Creation	1-3
1-5	Multi Entity Names	1-4
1-6	Property File Creation	1-5
1-7	Property File Creation	1-5
1-8	Property File Creation	1-7
1-9	Property File Creation	1-8
1-10	Property File Creation	1-10
1-11	Property Installation	1-12
1-12	Gateway Property File Creation	1-13
1-13	Multi Entity Names	1-13
1-14	Property File Creation	1-15



List of Tables

1-1	Multi Entity Names - Field Description.	1-5
1-2	Property File Creation	1-6
1-3	Property File Creation	1-9
1-4	Property File Creation	1-11
1-5	Multi Entity Names - Field Description	1-14
1-6	Property File Creation	1-34



1 Creating Property File for Gateway Applications

1.1 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.

1.2 Creating Property Files

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

Follow the steps given below:

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

Soracle FLEXCUBE Univer	sal Installer		
Oracle Banki	ng Installer		
Welcome To Oracle Univ	ersal Banking Installer		
Prerequisites			
 Oracle Databa JDK should be 	ise should be installed. 9 installed.		
Please specify the JDK a	nd Oracle Home path.		
JDK Path		Brow	se
Oracle Home Path		Brows	Se
Please select any one of	the below options:		
	Property File creation		
	O Utilities		
Exit	9	[Back

Figure 1-1 Oracle Banking Installer



- 2. On the Welcome To Oracle 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.

🕌 Oracle FLEXCUBE Universal Insta	aller 12.5.0.0.0			- 🗆 X	
Oracle Banking In	nstaller			ORACLE INSTALLER	
Select one of the Components					
Load Existing Property File				Browse	
○ INFRA	⊖ Gateway ○ Swit	tch Interface Installation			
Select Oracle Product Processor	s				
Oracle FLEXCUBE Universal	l Banking				
Oracle FLEXCUBE Enterprise	e Limits and Collateral Man	agement (CO-DEPLOY)			
Oracle Banking Payments					
Oracle Banking Corporate L Oracle Banking Terrorete	ending Open Deve	elopment Tool			
-	Oracle Banking Treasury				
✓ Oracle Banking Trade Finan	ice				
Select Plugins to be Installed					
Branch Centralized	Load Existing Branc	h Property File		Browse	
Host Address 10.10.10.10	1010 BPEL	Scheduler	Standalone 🔻		
Reports 10.10.10.10	1010 OFTW	FGL	SIANET Adapter		
DMS 10.10.10.10	1010 Insulation	ELCM Adapter required	i.		
Exit Log			Back	Next	

Figure 1-2 Select One of the Components

4. Select component as 'Gateway, and click Next. The Environment Details screen displays.

Figure 1-3 Provide Environment Details



Oracle Banking In	nstaller	
Provide Environment details.		
EAR Name FCUBS		
File Seperator Style	×	
Application Server Weblogic	*	
Application Server Path	C:/Oracle/Middleware/Oracle_Home/wiserver	Browse
Source Path	C/Projects/FC1250SDC/CONSOLE_EXE	Browse
Ear Destination Path	C/Projects/FC125OSDC/DEST	Browse
Exit Log		Back Next

- 5. Specify the EAR Name, Application Server Path, Source Path, and EAR destination path, and then click **Next**.
- 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
- Gateway Web Service Application
- REST Services Application

1.2.1 Gateway EJB Application

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

1. On the Gateway Property File Creation screen, select 'Gateway EJB' as the application type, and click Next.

Figure 1-4 Gateway Property File Creation



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

The installer displays the 'Multi Entity' screen.

Figure 1-5 Multi Entity Names

Oracle FLEXCUBE Universal Installer		
Oracle Banking Installer	Jul (C)	
Multi Entity Names		
Provide Entity Names		
MultiEntity Required		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
S.No	Entity Name	

2. On the **Multi Entity Names** screen, specify the fields. For more information on fields, refer the table below:



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

 Table 1-1
 Multi Entity Names - Field Description.

3. Click 'Next'. The Property File Creation screen displays.

Figure 1-6 Property File Creation

Oracle FLEXCUBE Universal Insta	ler	
Oracle Banking Ir	staller	
Property File Creation Current screen provides an opti	on for Enabling Single Sign on	
SSO Required	V	
SSO KEY	DN	
Authentication details maintaine External Password Required External User Login Required	d external to FLEXCUBE Authentication Type MSAD	
at each of them. Conversely, S access to multiple software sy Authentication is not required,	n once and gains access to all systems without being prompted to ngle sign-off is the property whereby a single action of signing out stems. This screen provides an option for External Authentication. keep the all options unchecked and Click on Next.	t terminates . If External
	ed: User can login with MSAD/LDAP user ID as well as FCUBS user he user can login with MSAD/LDAP server password only. The use or FCUBS user ID.	
	N is the type of external server used for authentication.	_
, and a second second second second second		
Exit Log		Back Next

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

Figure 1-7 Property File Creation

S Oracle FLEXCUBE Universal Installer	— — X
Oracle Banking Installer	DRACLE NSTALLER
Property File Creation	
Current screen provides an option for Enabling Single Sign on	
SSO Required	
SSO KEY DN	
Authentication details maintained external to FLEXCUBE External Password Required Authentication Type External User Login Required MSAD LDAP	
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

 Table 1-2
 Property File Creation

Field	Description
SSO Required	Check this box to enable single sign-on (SSO). If you check this box, you need to specify the SSO Key.
SSO Key	Specify the SSO key. If you have checked the box 'SSO Required', it is mandatory to specify the SSO key.
	If you have not checked the box ' SSO Required ', then click ' Next '. The following screen is displayed.

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 login with MSAD/ LDAP server user Id as well as FCUBS user Id. If you do not check this box, the user can login using FCUBS user Id only. (MSAD: Microsoft Active Directory, LDAP: Lightweight Directory Access Protocol.)
External Password Required	Check this box to allow user login using MSAD/LDAP password irrespective of the user Id. If you check this box, the user can login using MSAD/LDAP server password only. The user Id can be one of the following: • MSAD/LDAP user Id • OBTFM user Id
	If you do not check this box, then the installer skips the following screen and directly navigates to the Modifying Gateway Properties screen.
Authentication Type	 Select the authentication type. This is the type of external server that is used. You can select one of the following options: MSAD (Microsoft Active Directory) LDAP (Lightweight Directory Access Protocol) The default option is MSAD; however, you can change it

Table 1-2	(Cont.)	Propert	y File	Creation
-----------	---------	---------	--------	----------

5. Select the authentication type.

Figure 1-8 Property File Creation



Soracle 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 MSAD External User Login Required UDAP	
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

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

6. Click Next. The Property File Creation screen displays.

Figure 1-9 Property File Creation



Oracle	FLEXCUBE Universal Installer			
Ora	cle Banking Instal	ler		
Prope	rty File Creation			
LDAP	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	-	
E	Exit			Back Next

7. Specify the following LDAP server details.

 Table 1-3
 Property File Creation

	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 .		
Security Authentication Type	 Depending on the authentication mechanism supported by the LDAP server, select one of the following: simple strong Note: Different servers support different authentication mechanisms. By default, the security authentication type is 'Simple'; however, you can change this. 		



Table 1-3	(Cont.)	Propert	y File	Creation
-----------	---------	---------	--------	----------

Field	Description
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 infinite until it is received. By default, the LDAP server timeout is zero; however, you can change this.

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

Figure 1-10 Property File Creation

🙆 Oracle FLEXCUBE Universal Insta	ller	
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	oraclefinancialsolutions	
SMS Pool Name	jdbc/fcjdevDSSMS	
DataSource	FLEXTEST.WORLD	
POSS DataSource	POSS DataSource OPSS CSF Available POSSTEST.WORLD	
Distributed Schema	No 🔻	
MSG IN log Required	No V MSG OUT log Required No V	
Exit Log		Back Next

9. Specify the following details.



Field	Description
XSD Path	Specify the path to the XSD file. File name is not required. File separator must be 'f'. There must be a 'f' at the end. All the relevant XSD files must be manually copied to this location. Example: For Windows: D:\Kernel11.1\GW_EJB\XSD\ For Linux: /Kernel11.1/GW_EJB/XSD/
Logger File	Specify the path to the ' gw_ejb_logger.properties ' file with the file name. The file must be manually copied to the specified location. Example: For windows: D:\Kernel11.1\GW_EJB\config\gw_ejb_logger.properties For Linux: /Kernel11.1/GW_EJB/config/gw_ejb_logger.properties
Debug Path	Specify the path to the folder where the application creates the logs. There must be a ' <i>I</i> ' at the end. You need to manually create the specified folder structure. Example:
	For windows: D:\Kernel11.1\GW_EJB\log\
	For Linux: /Kernel11.1/GW_EJB/log/
Security Key for Encryption	Specify the security key for the Encryption,here in this case it is 'Oraclefinancialsolutions'.
SMS Pool Name	Specify SMS Pool Name, here in this case it is 'jdbc/ fcjdevDSSMS'.
DataSource	The JDBC data source is an object bound to JNDI tree and provides database connectivity through a pool of JDBC connections.
POSS Datasource	Check this box if POSS is required. If you check this box, you need to specify the POSS Datasource Name in the field below this.
OPSS CSF Available	Indicate whether OPSS-CSF is installed or not.
	Note: Please choose this only if Oracle Platform Security Services - Credential Store Framework (CSF) is installed as per the guidelines in the pre-requisite document. It is recommended that you install CSF for safeguarding application specific security credentials.
Distributed Schema	If the schema is distributed, select ' Yes '. If the schema is not distributed, select ' No '.
MSG IN LOG Required	Choose Yes/No from drop down box.

Table 1-4Property File Creation



 Table 1-4
 (Cont.) Property File Creation

Field	Description
MSG OUT LOG Required	Choose Yes/No from drop down box.
	 Note: The Installer creates two files viz. 'gw_ejb_logger.properties' and 'GW_EJB_Prop.propeties' in the path provided to save the files.

10. Click '**Next**'. The following screen is displayed.

Figure 1-11 Property Installation

S Oracle FLEXCUBE Universal Installer		
Oracle Banking Installer		
Property Installation Current screen Displays the status of the object loaded.		
2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue- 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue- 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue- 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue- 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue- 2017-11-16T11:09:33,184 DEBUG [AWT-EventQueue- 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue- 2017-11-16T11:10:33,505 DEBUG [AWT-EventQueue-	0] com.ofs.installer.FcubsInstaller. In invoke 0] com.ofs.installer.FcubsInstaller. Screen N 0] com.ofs.installer.Installer.Frame: classRe 0] com.ofs.installer.Installer.Frame: return wi 0] com.ofs.installer.LoubsInstaller. In SetSh 0] com.ofs.installer.FcubsInstaller. In SetSh 0] com.ofs.installer.FcubsInstaller. NextButt 0] com.ofs.installer.FcubsInstaller. Screen N 0] com.ofs.installer.FcubsInstaller. In invoke 0] com.ofs.installer.FcubsInstaller.Screen N 0] com.ofs.installer.FcubsInstaller.Screen N 0] com.ofs.installer.FcubsInstaller.Screen N	After process deleting the Class lame for load of Next screen : Gw trive Comes with : com ofss.insta th Order : com.ofss.installer.gate trops: load()—>Gateway MDB owPanel: Obj already exist for Cla onActionPerformed.=>Next action lame for process of current scree : Obj already exist for ClassNam rops: process()=>Gateway MDB : After process deleting the Class lame for load of Next screen : pro trive Comes with : com.ofss.insta
Property File Logger File		Save
	Please continue to go to other Gateway appl	
Exit Log		Back Next

The property file will be created in a temporary folder.

- 11. Click 'Property File' to view the created property file.
- 12. Click 'Save' to the save the created property file in desired location.
- **13.** Click '**Next**' to navigate to the installer home screen.

For Gateway EJB EAR Building refer 'OBTF_EAR_Building document'



1.2.2 Gateway MDB Application

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

Follow the steps given below:

1. On the **Gateway Property File Creation** screen, select **Gateway MDB** as the application type as shown in the below Screen.

Figure 1-12 Gateway Property File Creation

Oracle FLEXCUBE Universal Installer		23
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 installer displays the 'Multi Entity' screen

Figure 1-13 Multi Entity Names



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

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

For more information on fields, refer the table below:

Table 1-5	Multi Entity Names - Field Description
-----------	--

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

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



Oracle FLEXCUBE Universal Installer	
Oracle Banking Installer	ORACLE INSTALLER
Property File Creation Current screen provides an option for Enabling Single Sign on	
SSO Required V 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.	•
Exit Log Back	Next

Figure 1-14 Property File Creation

5. Specify the field details.

For more information on fields, refer the table below:

Field	Description	
SSO Required	Check this box to enable single sign-on (SSO). If you check this box, you need to specify the SSO Key.	
SSO Key	Specify the SSO key. If you have checked the box 'SSO Required it is mandatory to specify the SSO key.	
	If you have checked the box ' SSO Required ', then the Installer will skip the following two screens and will directly navigate to the Modifying the Gateway properties Screen.	

External Password Required

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

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

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



Oracle FLEXCUBE Universal Installer	
Oracle Banking Installer	ORACLE INSTALLER
Property File Creation Current screen provides an option for Enabling Single Sign on	
SSO Required DN	
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 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

External User Login Required

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

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



🔬 Oracle FLEXCUBE Universal Installer	
Uracle 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 External User Login Required IDAP	
With this property a user logs in once and gains access to all systems withhout 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



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

Authentication Type

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

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

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

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



Oracle Banking Installer Oracle Banking Installer ORACLE INSTALLER				
	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	-	

7. Specify the following LDAP server details.

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

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

Click 'Next'. The following screen is displayed:

🔬 Oracle FLEXCUBE Universal Installer		
Oracle Banking Installer		
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	oraclefinancialsolutions	
SMS Pool Name	jdbc/fcjdevDSSMS	
DataSource	FLEXTEST.WORLD	
	POSS DataSource OPSS CSF Available	
POSS DataSource		
Distributed Schema	No 🔽	
MSG IN log Required	No - MSG OUT log Required No -	
Exit Log		Back Next

8. Specify the field details.

Field	Description
XSD Path	Specify the path to the XSD file. 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.
	Example:
	For Windows: D:\Kernel11.1\GW_MDB\XSD\
	For Linux: /Kernel11.1/GW_MDB/XSD/



Field	Description	
Logger File	Specify the path to the ' gw_mdb_logger.properties ' file with the file name. The file must be manually copied to the specified location.	
	Example:	
	For windows: D:\Kernel11.1\GW_MDB\config\gw_mdb_logger.properties	
	For Linux: /Kernel11.1/GW_MDB/config/gw_mdb_logger.properties	
Debug Path	Specify the path to the folder where the application creates the logs. There must be a ' l ' at the end. You need to manually create the specified folder structure.	
	Example:	
	For windows: D:\Kernel11.1\GW_MDB\log\	
	For Linux: /Kernel11.1/GW_MDB/log/	
Security Key for Encryption	Specify the security key for the Encryption,here in this case it is 'Oraclefinancialsolutions'.	
SMS Pool Name	Specify SMS Pool Name, here in this case it is ' jdbc/ fcjdevDSSMS '.	
DataSource	The JDBC data source is an object bound to JNDI tree and provides database connectivity through a pool of JDBC connections.	
POSS Datasource	Check this box if POSS is required. If you check this box, you need to specify the POSS Datasource Name in the field below this.	
OPSS CSF Available	Indicate whether OPSS-CSF is installed or not.	
	Note: Please choose this only if Oracle Platform Security Services - Credential Store Framework (CSF) is installed as per the guidelines in the pre-requisite document. It is recommended that you install CSF for safeguarding application specific security credentials.	
Distributed Schema	If the schema is distributed, select ' Yes '. If the schema is not distributed, select ' No '.	

Click 'Next'. The following screen is displayed.



	vay Property File Creation Int screen provides an opt	n ion 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		

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

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



Field	Description	
Secure Queue	Check this box if the Caller ID and Caller Password values have to be entered.	
	The Installer creates two files viz. 'gw_mdb_logger.properties' and 'GW_MDB_Prop.properties' in the path provided to save the files.	

Click 'Next'. The following screen is displayed.

Oracle Banking Installer		ORACLE
Property Installation		INSTALLER
Current screen Displays the status of the object loaded	L	
2017-11-16T11:09:33,168 DEBUG [AWT-Event0 2017-11-16T11:09:33,168 DEBUG [AWT-Event0 2017-11-16T11:09:33,168 DEBUG [AWT-Event0 2017-11-16T11:09:33,168 DEBUG [AWT-Event0 2017-11-16T11:09:33,184 DEBUG [AWT-Event0 2017-11-16T11:09:33,184 DEBUG [AWT-Event0 2017-11-16T11:10:33,489 DEBUG [AWT-Event0 2017-11-16T11:10:33,489 DEBUG [AWT-Event0 2017-11-16T11:10:33,489 DEBUG [AWT-Event0	ueue-0] com.ofss.installer.fcubs.gateway.GwProps. ueue-0] com.ofss.installer.Fcubsinstaller. In invoke ueue-0] com.ofss.installer.Fcubsinstaller. Screen N ueue-0] com.ofss.installer.Installer.frame: classRef ueue-0] com.ofss.installer.Installer.frame: return wi ueue-0] com.ofss.installer.fcubs.gateway.GwIDBP ueue-0] com.ofss.installer.Fcubsinstaller. In SetSto ueue-0] com.ofss.installer.Fcubsinstaller. In SetSto ueue-0] com.ofss.installer.Fcubsinstaller. Screen N ueue-0] com.ofss.installer.Fcubsinstaller. Screen N ueue-0] com.ofss.installer.Fcubsinstaller. Screen N	After process deleting the Clast arme for load of Next screen : Gw trive Comes with : com ofss.insta th Order : com ofss.installer.gate rops: load()->Gateway MDB WPanef: Obj already exist for Cla and for process of current scree : Obj already exist for ClassNam
2017-11-16T11:10:33,489 DEBUG [AWT-EventQ 2017-11-16T11:10:33,489 DEBUG [AWT-EventQ 2017-11-16T11:10:33,489 DEBUG [AWT-EventQ	ueue-0] com.ofss.installer.fcubs.gateway.GwH0BP ueue-0] com.ofss.installer.Fcubsinstaller. In invoke ueue-0] com.ofss.installer.Fcubsinstaller.Screen N ueue-0] com.ofss.installer.Installer.Frame: class.Ret	After process deleting the Clas: lame for load of Next screen : pro trive Comes with : com.ofss.insta
2017-11-16T11:10:33,489 DEBUG [AWT-EventQ 2017-11-16T11:10:33,489 DEBUG [AWT-EventQ 2017-11-16T11:10:33,489 DEBUG [AWT-EventQ 2017-11-16T11:10:33,505 DEBUG [AWT-EventQ	ueue-0] com.ofss.installer.FcubsInstaller: In invoke ueue-0] com.ofss.installer.FcubsInstaller: Screen N	: After process deleting the Class lame for load of Next screen : pro trive Comes with : com ofss.insta th Order : com ofss.installer.gate
2017-11-16T11:10:33.489 DEBUG [AWT-EventQ 2017-11-16T11:10:33.489 DEBUG [AWT-EventQ 2017-11-16T11:10:33.489 DEBUG [AWT-EventQ 2017-11-16T11:10:33.505 DEBUG [AWT-EventQ 4] m	ueue-0] com.ofss.installer.Fcubsinstaller. In invoke ueue-0] com.ofss.installer.Fcubsinstaller. Screen N ueue-0] com.ofss.installer.InstallerFrame: classRef	After process deleting the Clas: lame for load of Next screen : pro trive Comes with : com.ofss.insta
2017-11-16T11:10:33,489 DEBUG [AWT-EventQ 2017-11-16T11:10:33,489 DEBUG [AWT-EventQ 2017-11-16T11:10:33,489 DEBUG [AWT-EventQ 2017-11-16T11:10:33,505 DEBUG [AWT-EventQ	ueue-0] com.ofss.installer.Fcubsinstaller: In invoke ueue-0] com.ofss.installer.Fcubsinstaller: Screen N ueue-0] com.ofss.installer.InstallerFrame: classRet ueue-0] com.ofss.installer.InstallerFrame: return wi	: After process deleting the Clas: lame for load of Next screen : pro trive Comes with : com ofss.insta th Order : com ofss.installer.gate v
2017-11-16T11:10:33.489 DEBUG [AWT-EventQ 2017-11-16T11:10:33.489 DEBUG [AWT-EventQ 2017-11-16T11:10:33.489 DEBUG [AWT-EventQ 2017-11-16T11:10:33,505 DEBUG [AWT-EventQ	ueue-0] com.ofss.installer.Fcubsinstaller. In invoke ueue-0] com.ofss.installer.Fcubsinstaller. Screen N ueue-0] com.ofss.installer.InstallerFrame: classRef	: After process deleting the Clas: lame for load of Next screen : pro trive Comes with : com ofss.insta th Order : com ofss.installer.gate v
2017-11-16T11:10:33.489 DEBUG [AWT-EventQ 2017-11-16T11:10:33.489 DEBUG [AWT-EventQ 2017-11-16T11:10:33.489 DEBUG [AWT-EventQ 2017-11-16T11:10:33.505 DEBUG [AWT-EventQ 4] m	ueue-0] com.ofss.installer.Fcubsinstaller: In invoke ueue-0] com.ofss.installer.Fcubsinstaller: Screen N ueue-0] com.ofss.installer.InstallerFrame: classRet ueue-0] com.ofss.installer.InstallerFrame: return wi	: After process deleting the Clas: lame for load of Next screen : pro trive Comes with : com ofss.insta th Order : com ofss.installer.gate v
2017-11-16T11:10:33.489 DEBUG [AWT-EventQ 2017-11-16T11:10:33.489 DEBUG [AWT-EventQ 2017-11-16T11:10:33.489 DEBUG [AWT-EventQ 2017-11-16T11:10:33.505 DEBUG [AWT-EventQ 4] m	ueue-0] com.ofss.installer.Fcubsinstaller: In invoke ueue-0] com.ofss.installer.Fcubsinstaller: Screen N ueue-0] com.ofss.installer.InstallerFrame: classRet ueue-0] com.ofss.installer.InstallerFrame: return wi	: After process deleting the Clas: lame for load of Next screen : pro trive Comes with : com ofss.insta th Order : com ofss.installer.gate v

The property file will be created in a temporary folder.

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

For Gateway MDB EAR Building refer 'OBTF_EAR_Building document'.

1.2.3 Gateway HTTP Servlet Application

Follow the steps given below:

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



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

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

The installer displays the 'Multi Entity' screen.

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



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

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

Gracle FLEXCUBE Universal Insta	ler	
Oracle Banking Ir	staller	
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	oraclefinancialsolutions	
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 -	
Exit Log		Back Next

4. Specify the field details.

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



Field	Description
Logger File	Specify the path to the ' gw_ http_logger.properties ' file with the file name. The file must be manually copied to the specified location.
	Example:
	For windows: D:\Kernel11.1\GW_HTTP\config\gw_http_logger.properties
	For Linux: /Kernel11.1/GW_HTTP/config/ gw_http_logger.properties
Debug Path	Specify the path to the folder where the application creates the logs. There must be a T at the end. You need to manually create the specified folder structure.
	Example:
	For windows: D:\Kernel11.1\GW_HTTP\log\
	For Linux: /Kernel11.1/GW_HTTP/log/
Security Key for Encryption	Specify the security key for the Encryption,here in this case it is ' Oraclefinancialsolutions '.
SMS Pool Name	Specify SMS Pool Name, here in this case it is ' jdbc/ fcjdevDSSMS'.
DataSource	The JDBC data source is an object bound to JNDI tree and provides database connectivity through a pool of JDBC connections.
POSS Datasource	Check this box if POSS is required. If you check this box, you need to specify the POSS Datasource Name in the field below this.
OPSS CSF Available	Indicate whether OPSS-CSF is installed or not.
	Note: Please choose this only if Oracle Platform Security Services - Credential Store Framework (CSF) is installed as per the guidelines in the pre-requisite document. It is recommended that you install CSF for safeguarding application specific security credentials.
Distributed Schema	If the schema is distributed, select 'Yes'.
	If the schema is not distributed, select ' No '.
	The Installer creates two files viz. 'gw_http_logger.properties' and 'GW_HTTP_Prop.properties' in the path provided to save the files

Click 'Next'. The following screen is displayed.



		INSTALLER
Property Installation Current screen Displays the status of the object loaded.		
2017-11-16T11:09:33,168 DEBUG (AWT-EventQueu) 2017-11-16T11:09:33,168 DEBUG (AWT-EventQueu) 2017-11-16T11:09:33,168 DEBUG (AWT-EventQueu) 2017-11-16T11:09:33,168 DEBUG (AWT-EventQueu) 2017-11-16T11:09:33,168 DEBUG (AWT-EventQueu) 2017-11-16T11:09:33,168 DEBUG (AWT-EventQueu) 2017-11-16T11:09:33,168 DEBUG (AWT-EventQueu) 2017-11-16T11:10:33,489 DEBUG (AWT-EventQueu)	e-0] com.ofss.installer.Fcubsinstaller. In invoke : A e-0] com.ofss.installer.Fcubsinstaller.Screen Nar e-0] com.ofss.installer.Installer.Frame: ctassRetriv e-0] com.ofss.installer.Installer.Frame: return with e-0] com.ofss.installer.Cubsinstaller. In SetShow e-0] com.ofss.installer.Fcubsinstaller. In SetShow e-0] com.ofss.installer.Fcubsinstaller.Screen Nar e-0] com.ofss.installer.Fcubsinstaller.Screen Nar e-0] com.ofss.installer.Fcubsinstaller.In invoke : C e-0] com.ofss.installer.Fcubsinstaller. In invoke : C e-0] com.ofss.installer.Fcubsinstaller. Screen Nar e-0] com.ofss.installer.Fnubsinstaller.	wher process deleting the Clas: me for load of Next screen : Gw re Comes with : com.ofss.instal Order : com.ofss.installer.gate ps: load()—>Gateway MDB Panet: Obj already exist for Cla ActionPerformed>Next action me for process of current scree Obj already exist for ClassNam ps: process deleting the Class me for load of Next screen : pro re Comes with : com.ofss.insta
Property File Logger File		Save
	Please continue to go to other Gateway applical	tion Type Continue>

The property file will be created in a temporary folder.

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

The property file will be created in the specified folder.



For Gateway HTTP EAR Building refer 'OBTF_EAR_Building document'.

1.2.4 Gateway Web Service Application

Follow the steps given below:

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



		ORACLE
Oracle Banking Installer		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	ſ	Back Next

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

The installer displays the 'Multi Entity' screen.

Oracle Banking Installer	ORACLE
	INSTALLER
Multi Entity Names	
Provide Entity Names	
MutbEntity Required	
S.No Entity Name	
Exit	Back Next



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

3. On the Multi Entity Names screen, click 'Next'. The following screen is displayed:

🔬 Oracle FLEXCUBE Universal Installer	
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 MSAD v 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.	
Exit Log Back	Next

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

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



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 login with MSAD/ LDAP server user Id as well as FCUBS user Id. If you do not check this box, the user can login using FCUBS user Id only.	
External Password Required	Check this box to allow user login using MSAD/LDAP password irrespective of the user Id.	
	 Note: If you check this box, the user can login using MSAD/LDAP server password only. The user Id can be one of the following: MSAD/LDAP user Id OBTFM user Id If you do not check this box, then the installer skips the following screen and directly navigates to the Modifying Gateway Properties screen. 	
Authentication Type	Select the authentication type. This is the type of external server that is used. You can select one of the following options: • MSAD (Microsoft Active Directory) • LDAP (Lightweight Directory Access Protocol) By default, 'MSAD' is selected; however, you can change it.	

Soracle FLEXCUBE Universal Installer	
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 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 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

5. Click Next. The Property File Creation screen displays.

S Oracle FLEXCUBE Universal Installer	X
Oracle Banking Installer	€ R
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	
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.)



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

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

	Oracle FLEXCUBE Universal Installer			
Oracle Banking Installer				
	erty File Creation			
LDAP	Server Details for Gateway			
No.	Name	Value		
1	LDAP SERVER URL	LDAP://10.10.10.10:111	<u>^</u>	
2	LDAP SSL ENABLED			
3	SECURITY AUTHENTICATIO	Simple	=	
4	DOMAIN NAME	I-FLEX.COM		
5	LDAP SERVER TIMEOUT	0	-	

7. Specify the LDAP server details.

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



Field	Description	
Security Authentication Type	Depending on the authentication mechanism supported by the LDAP server, select one of the following: • Simple • Strong	
	 Note: Different servers support different authentication mechanisms. By default, the security authentication type is 'Simple'; however, you can change this. 	
Domain Name	Specify the domain name.	
LDAP Server Timeout	Specify the LDAP server timeout in milliseconds. This must be a positive integer value. For example you can specify 1000, 10000 or 5000. If it is zero or less, it indicates that no read timeout is specified. Then the wait for the response infinite until it is received. By default, the LDAP server timeout is zero; however, you can change this.	

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

4	🚳 Oracle FLEXCUBE Universal Installer			
	Oracle Banking In	staller		
	Property File Creation Current screen provides an opt	ion for modifying the Gateway Properties		
	XSD Path	/Kernel11.1/GW_WS/XSD/		
	Logger File	/Kernel11.1/GW_WS/config/gw_ws_logger.properties		
	Debug Path	/Kernel11.1/GW_WS/log/		
	Security Key for Encryption	oraclefinancialsolutions		
	SMS Pool Name	jdbc/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		
	Exit Log		Back Next	

9. Specify the fields.



Field	Description	
XSD Path	Specify the path to the XSD file. File name is not required. File separator must be ' f '. There must be a ' f ' at the end. All the relevant XSD files must be manually copied to this location.	
	Example:	
	For Windows: D:\Kernel11.1\GW_WS\XSD\	
	For Linux: /Kernel11.1/GW_WS/XSD/	
Logger File	Specify the path to the 'gw_ws_logger.properties' file with the file name. The file must be manually copied to the specified location.	
	Example: For windows:	
	D:\Kernel11.1\GW_WS\config\gw_ws_logger.properties	
	For Linux: /Kernel11.1/GW_WS/config/gw_ws_logger.properties	
Debug Path	Specify the path to the folder where the application creates the logs. There must be a T at the end. You need to manually create the specified folder structure. Example:	
	For windows: D:\Kernel11.1\GW_WS\log\	
	For Linux: /Kernel11.1/GW_WS/log/	
Security Key for	Specify the security key for the Encryption,here in this case it is	
Encryption	'Oraclefinancialsolutions'.	
SMS Pool Name	Specify SMS Pool Name, here in this case it is ' jdbc/ fcjdevDSSMS'.	
DataSource	The JDBC data source is an object bound to JNDI tree and provides database connectivity through a pool of JDBC connections.	
POSS Datasource	Check this box if POSS is required. If you check this box, you need to specify the POSS Datasource Name in the field below this.	
OPSS CSF Available	Indicate whether OPSS-CSF is installed or not.	
	Note: Please choose this only if Oracle Platform Security Services - Credential Store Framework (CSF) is installed as per the guidelines in the pre-requisite document. It is recommended that you install CSF for safeguarding application specific security credentials.	
Distributed Schema	If the schema is distributed, select ' Yes '.	
	If the schema is not distributed, select 'No'.	
MSG IN LOG Required	Choose Yes/No from drop down box.	
MSG OUT LOG Required	Choose Yes/No from drop down box.	

10. Click '**Next**'. The following screen is displayed.



Oracle Banking Installer	
Property File Creation	
Specify the EJB Application Name	
EJB Application Name GWEJB	
Please remember the EJB Application name , the same name has to be used while deploying the EJB.	
r reade remember are beb appreadent name, are dante name nae to be deed inme deproying are beb.	
Exit Log Back Next	

11. Specify the field details.

For more information on fields, refer the table below:

Table 1-6	Property	File	Creation
-----------	----------	------	----------

GWEJB.	EJB Application Name	Specify the name of the EJB application deployed.E.g.: GWEJB.

12. Click '**Next**'. The following screen is displayed.



Ora	cle FLEXCUBE Universal Inst	aller		
0	Oracle Banking Installer			
	teway Property File Creation rrent screen provides an op	on bion for modifying WebServices Properties		INSTALLER
No	. Name	Value		
1	EJB JNDI Name	#com.ofss.fcubs.gw.ejb.GWEJBRemote	-	
2	Application Server URL	http://10.10.10.10:7001		
3	User Name	infra	=	
4	Password	••••		
5	EJB Look Up		-	
C	Exit Log			Back Next

13. Specify the filed details:

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



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

Click 'Next'. The following screen is displayed.

Oracle FLEXCUBE Universal Installer		
Oracle Banking Installer		
Property Installation Current screen Displays the status of the object loaded.		
2017-11-16T11:09:33,168 DEBUG [AWT-EventQue 2017-11-16T11:09:33,168 DEBUG [AWT-EventQue 2017-11-16T11:09:33,168 DEBUG [AWT-EventQue 2017-11-16T11:09:33,168 DEBUG [AWT-EventQue 2017-11-16T11:09:33,168 DEBUG [AWT-EventQue 2017-11-16T11:09:33,168 DEBUG [AWT-EventQue 2017-11-16T11:10:33,489 DEBUG [AWT-EventQue	ue-0] com.ofss.installer.Fcubsinstaller. In invoke uue-0] com.ofss.installer.Fcubsinstaller.Screen N uue-0] com.ofss.installer.Fcubsinstaller.Screen N uue-0] com.ofss.installer.InstallerFrame: classRef uue-0] com.ofss.installer.Fcubsinstaller. In setSho uue-0] com.ofss.installer.Fcubsinstaller. In setSho uue-0] com.ofss.installer.Fcubsinstaller. In setSho uue-0] com.ofss.installer.Fcubsinstaller. Screen N uue-0] com.ofss.installer.Fcubsinstaller. In invoke uue-0] com.ofss.installer.Fcubsinstaller. Screen N uue-0] com.ofss.installer.Scubsinstaller.Screen N	After process deleting the Clas: lame for load of Next screen : Gw trive Comes with : com ofss insta th Order : com ofss installer.gate rops: load()—>Gateway MDB worPanel: Obj already exist for Cla sonActionPerformed—>Next action lame for process of current scree : Obj already exist for ClassNam rops: process deleting the Class lame for load of Next screen : pro trive Comes with : com ofss insta
•		•
Property File Logger File		Save
	Please continue to go to other Gateway appli	ication Type Continue>
Exit		Back Next

The property file will be created in a temporary folder.

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

The property file will be created in the specified folder.

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

EJB_CTX_FACTORY=weblogic.jndi.WLInitialContextFactory



to

EJB_CTX_FACTORY=com.ibm.websphere.naming.WsnInitialContextFactory

For Gateway WS EAR Building refer 'OBTF_EAR_Building document'

1.2.5 REST Services Application

Follow the steps given below:

1. Select 'Rest Services' as the application type as shown in the below Screen.

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

 Click 'Next'. The following screen is displayed to capture Schema details. Enter valid username, password, IP Address, port and TNS descriptor and click on "Test Connection" button.



S Oracle FLEXCUBE Universal Inst	aller 12.5.0.0.0		
Oracle Banking I	nstaller		
SMS Schema Details			
Name	Value		
Username	installer	<u>^</u>	
Password	•••••		
Service Name	testdb		
IP Address	10.10.10		
Port	1521		
TNS Connect Descriptor	testdb	Tes	t Connection
Exit Log			2011

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

Gracle FLEXCUBE Universal Installer	- Andrew Street and Street and Street	
Oracle Banking Installer		
REST EJB Properties Current screen provides an option for modifying		
REST EJB Logger File	/Kernel11.1/REST_EJB/config/gw_restejb_logger.properties	
REST EJB Debug Path	/Kernel11.1/REST_EJB/log/	
REST EJB Security Key for Encryption	oraclefinancialsolutions	
REST EJB Msg Schema Pool Name	jdbc/fcjdevDSSMS	
MSG IN log Required	No 💌	
MSG OUT log Required	No 🗸	
Exit Log	Back	Next



In above page, Enter the below REST EJB details. For more information on fields, refer the table below:

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

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

Gracle FLEXCUBE Universal In	staller 12.5.0.0.0				
Oracle Banking	Installer				NSTALLER
RESTServices Properties					
Current screen provides an	option for modify	ing the REST Services Prop	perties		
REST Services Logger File		/Kernel11.1/RESTService	es/config/gw_rest_logge	er.properties	
REST Services Debug Path		/Kernel11.1/RESTService	es/log/		
REST Services Security Key for	or Encryption	oraclefinancialsolutions			
REST Services Msg Schema	Pool Name	jdbc/fcjdevDSSMS			
Authentication Scheme		FLEXCUBE			-
REST Client ID		oracle			
REST Client Secret		CustomerServer			
Access Token URL		http://10.184.132.161:14	100/ms_oauth/oauth2/e	ndpoints/oauthservic	ellokens
REST EJB Details					
CTX Factory	weblogic.jndi.W	LInitialContextFactory	Provider URL	t3://localhost:7030	
Security Principal	weblogic		Security Credentials	•••••	
JNDI Name	GWRestEJB#co	m.ofss.fcc.gw.rest.GWRes	tRemote		
Exit Log)			Back	Next

Field	Description
REST Services Logger File	Enter logger property file path.
REST Services Debug Path	Enter path where debugs are to be written.
REST Services Security Key for Encryption	Specify the security key for the Encryption. In this case it is 'oraclefinancialsolutions'.



Field	Description
REST Services Msg Schema Pool Name	Enter valid pool name. by default it is : jdbc/fcjdevDSSMS
Authentication Scheme	OAUTH and FLEXCUBE are two types of Authentication Schemes available.
	Please note, for FLEXCUBE authentication Scheme, REST Client ID, REST Client Secret, Access Token URL are disabled.
	The same has to be entered if AOUTH is selected.
CTX factory	Provide valid CTX factory information.
Provider URL	Enter URL with valid port number.
Security Principal	Provide Security principal username.
Security Credentials	Provide Security principal password.
JNDI Name	JNDI Name will be defaulted based on application server selected.

Click on **Next** button.

		ORACLE
Oracle Banking Installer		INSTALLER
Property Installation Current screen Displays the status of the object loa	ded.	
2017-11-16T11:09:33,168 DEBUG [AWT-Ever 2017-11-16T11:09:33,168 DEBUG [AWT-Ever 2017-11-16T11:09:33,168 DEBUG [AWT-Ever 2017-11-16T11:09:33,168 DEBUG [AWT-Ever 2017-11-16T11:09:33,168 DEBUG [AWT-Ever 2017-11-16T11:09:33,489 DEBUG [AWT-Ever 2017-11-16T11:10:33,489 DEBUG [AWT-Ever 2017-11-16T11:10:33,489 DEBUG [AWT-Ever 2017-11-16T11:10:33,489 DEBUG [AWT-Ever 2017-11-16T11:10:33,489 DEBUG [AWT-Ever	ntQueue-0] com.ofss.installer.fcubs.gateway.GwProps: pr ntQueue-0] com.ofss.installer.FcubsInstaller. In invoke : A ntQueue-0] com.ofss.installer.FcubsInstaller. Screen Nan ntQueue-0] com.ofss.installer.InstallerFrame: classRetriv ntQueue-0] com.ofss.installer.fcubs.gateway.GwMDBProp ntQueue-0] com.ofss.installer.FcubsInstaller. In SetShow InQueue-0] com.ofss.installer.FcubsInstaller. NatButton/ ntQueue-0] com.ofss.installer.FcubsInstaller. NatButton/ ntQueue-0] com.ofss.installer.FcubsInstaller. Screen Nan ntQueue-0] com.ofss.installer.FcubsInstaller. In invoke: A ntQueue-0] com.ofss.installer.FcubsInstaller. In invoke: A	ther process deleting the Clas: the for load of Next screen : Gw e Comes with : com.ofss.installer.gate Drder : com.ofss.installer.gate ps: load()->Gateway MDB Panel: Obj already exist for Cla utionPerformed->Next action he for process of current scree b) already exist for ClassNam is: process()->Gateway MDB
2017-11-16T11:10:33,489 DEBUG [AWT-Ever	ntQueue-0] com.ofss.installer.FcubsInstaller. Screen Nan ntQueue-0] com.ofss.installer.InstallerFrame: classRetriv ntQueue-0] com.ofss.installer.InstallerFrame: return with (e Comes with : com.ofss.insta
2017-11-16T11:10:33,489 DEBUG [AWT-Ever	ntQueue-0] com.ofss.installer.InstallerFrame: classRetriv	e Comes with : com.ofss.insta
2017-11-16T11:10:33,489 DEBUG [AWT-Ever 2017-11-16T11:10:33,505 DEBUG [AWT-Ever	ntQueue-0] com.ofss.installer.InstallerFrame: classRetriv	e Comes with : com ofss.insta Order : com.ofss.installer.gate ↓ Save
2017-11-16T11:10:33,489 DEBUG [AWT-Ever 2017-11-16T11:10:33,505 DEBUG [AWT-Ever [].	ntQueue-0] com.ofss.installer.InstallerFrame: classRetriv ntQueue-0] com.ofss.installer.InstallerFrame: return with	e Comes with : com ofss insta Order : com ofss installer gate

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

The property file will be created in a temporary folder.

For Gateway MDB EAR Building refer 'OBTF_EAR_Building document'.

Glossary



Index

