GATEWAY Property File Creation Oracle Banking Trade Finance Release 14.7.0.0.0 Part No. F74393-01

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# **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

Follow the steps given below:

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

Solution of the second	sal Installer		
Oracle Banki	ng Installer		
Welcome To Oracle Uni	ersal Banking Installer		
Prerequisites			
<ul> <li>Oracle Databa</li> <li>JDK should b</li> </ul>	ise should be installed. 9 installed.		
Please specify the JDK a	nd Oracle Home path.		
JDK Path		Bro	wse
Oracle Home Path		Bro	wse
Please select any one o	the below options:		
	Property File creation		
	Utilities		
Exit	g		Back Next

2. Select component as 'Gateway'.



📓 Oracle FLEXCUBE Universal Installer 12.5.0.0.0 – 🗌 🗙					
Oracle Banking Installe	r			ORACLE INSTALLER	
Select one of the Components					
Load Existing Property File				Browse	
◯ INFRA	ay 🔾 Swit	ch Interface Installation			
Select Oracle Product Processors					
Oracle FLEXCUBE Universal Banking					
Oracle FLEXCUBE Enterprise Limits an	d Collateral Mana	agement (CO-DEPLOY)			
Oracle Banking Payments	_				
Oracle Banking Corporate Lending Oracle Banking Terrored	Open Devel	lopment Tool			
Oracle Banking Treasury					
☑ Oracle Banking Trade Finance Select Plugins to be Installed					
Branch Centralized Coa	id Existing Branch	n 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 1010	Insulation	ELCM Adapter required			
Exit Log			Back	Next	



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 Banking Inst	aller	
Provide Environment details.		
EAR Name FCUBS		
File Seperator Style	<b>•</b>	
Application Server Weblogic	<b>•</b>	
Application Server Path	C:/Oracle/Middleware/Oracle_Home/wiserver	Browse
Source Path	C:/Projects/FC125OSDC/CONSOLE_EXE	Browse
Ear Destination Path	C:/Projects/FC125OSDC/DEST	Browse
Exit		Back Next



## 1.2.1 Gateway EJB Application

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

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



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

The installer displays the 'Multi Entity' screen.

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

#### **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:



Source FLEXCUBE Universal Installer		
Oracle Banking Inst	aller	
Property File Creation Current screen provides an option fo	r Enabling Single Sign on	
SSO Required		
SSO KEY	DN	
Authentication details maintained ex External Password Required External User Login Required	Authentication Type MSAD 💌	
at each of them. Conversely, Single access to multiple software syster Authentication is not required, kee MSAD/LDAP User Login Required: 1 External Password Required: The f either the MSAD/LDAP user ID or Fe	ce and gains access to all systems without being prompted to log in again sign-off is the property whereby a single action of signing out terminates ms.This screen provides an option for External Authentication. If External p the all options unchecked and Click on Next. Jser can login with MSAD/LDAP user ID as well as FCUBS user ID. user can login with MSAD/LDAP server password only. The user ID can be 2UBS user ID.	
Exit Log	Back	Next

5. Specify the following details.

#### **SSO** Required

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

#### SSO Key

Specify the SSO key. If you have checked the box 'SSO Required', it is mandatory to specify the SSO key.

If you have checked the box 'SSO Required', then the Installer will skip the following two screens and will directly navigate to the SSL screen shown below in this manual.

If you have not checked the box 'SSO Required', then click 'Next'. The following screen is displayed.

#### External User Login Required

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

If you check this box, the user can login with MSAD/LDAP server user Id as well as FCUBS user Id. If you do not check this box, the user can login using FCUBS user Id only.

(Note-MSAD: Microsoft Active Directory, LDAP: Lightweight Directory Access Protocol)



🖄 Oracle FLEXCUBE Universal Installer	
Oracle Banking Installer	ACLE ALLER
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

#### **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.



G 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 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

#### 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

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

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



7. Specify the following LDAP server details.

#### LDAP Server URL

Specify the URL to access the LDAP server where the external user ID and password are maintained.

#### LDAP SSL Enabled

Check this box if the LDAP server is SSL enabled. If you check this box, then you need to specify the SSL port also in the field LDAP SERVER URL.

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

#### Security Authentication Type

Depending on the authentication mechanism supported by the LDAP server, select one of the following:

- simple
- strong

Note the following:

- Different servers support different authentication mechanisms.
- By default, the security authentication type is 'Simple'; however, you can change this.

#### **Domain Name**

Specify the domain name.

#### LDAP Server Timeout

Specify the LDAP server timeout in milliseconds. This must be a positive integer value. For example you can specify 1000, 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:

🙆 Oracle FLEXCUBE Universal Installer				
Oracle Banking Ir	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	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	ĺ	Back Next		

9. Specify the following details.

#### XSD Path

Specify the path to the XSD file. File name is not required. File separator must be '/'. There must be a '/' at the end. All the relevant XSD files must be manually copied to this location.

E.g.:

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.

E.g.:

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 '*l*' at the end. You need to manually create the specified folder structure.

E.g.:

For windows: D:\Kernel11.1\GW\_EJB\log\

For Linux: /Kernel11.1/GW\_EJB/log/



#### Security Key for Encryption

Specify the security key for the Encryption, here in this case it is 'Oraclefinancialsolutions'.

#### SMS Pool Name

Specify SMS Pool Name, here in this case it is 'jdbc/fcjdevDSSMS'.

#### DataSource

The JDBC data source is an object bound to JNDI tree and provides database connectivity through a pool of JDBC connections.

#### **POSS** Datasource

Check this box if POSS is required. If you check this box, you need to specify the POSS Datasource Name in the field below this.

#### **OPSS CSF Available**

Indicate whether OPSS-CSF is installed or not.

Please choose this only if Oracle Platform Security Services - Credential Store Framework (CSF) is installed as per the guidelines in the pre-requisite document. It is recommended that you install CSF for safeguarding application specific security credentials.

#### **Distributed Schema**

If the schema is distributed, select 'Yes'.

If the schema is not distributed, select 'No'.

#### MSG IN LOG Required

Choose Yes/No from drop down box

#### **MSG OUT LOG Required**

Choose Yes/No from drop down box.

The Installer creates two files viz. 'gw\_ejb\_logger.properties' and 'GW\_EJB\_Prop.propeties' in the path provided to save the files.

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



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-0] com.ofss.installer.fcubs.gateway.GwProps: process 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After pr 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.Frame: classRetrive Com 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Com 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Com 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: return with Order 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In SetShowPanel: 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: NextButtonActionF 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: NextButtonActionF 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: Screen Name for 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubsInstaller: In invoke : Obj.afr 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubsInstaller: In invoke : After pr 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubsInstaller: In invoke : After pr 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubsInstaller: In invoke : After pr 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubsInstaller: Screen Name for 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubsInstaller: Screen Name for 2017-11-16T11:10:33,505 DEBUG [AWT-EventQueue-0] com.ofss.installer.Installer.frame: classRetrive Com 2017-11-	ocess deleting the Class load of Next screen : Gw hes with : com.ofss.insta : com.ofss.installer.gate d()>Gateway MDB Obj already exist for Cla Performed>Next action process of current scree eady exist for ClassNam icess()>Gateway MDB ocess deleting the Class load of Next screen : pro nes with : com.ofss.insta
Property File     Logger File Please continue to go to other Gateway application Typ	Save Continue>
Exit Log Ba	ack 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

Follow the steps given below:

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

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

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

The installer displays the 'Multi Entity' screen.



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

#### **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:



Soracle FLEXCUBE Universal Installer		X
Oracle Banking Inst	aller	ORACLE INSTALLER
Property File Creation Current screen provides an option fo	r Enabling Single Sign on	
SSO Required	V	
SSO KEY	DN	
Authentication details maintained ex External Password Required External User Login Required	ernal to FLEXCUBE Authentication Type MSAD	
at each of them. Conversely, Single access to multiple software systen Authentication is not required, keep MSAD/LDAP User Login Required: L External Password Required: The u either the MSAD/LDAP user ID or FC	ce and gains access to all systems without being prompted to log in agai sign-off is the property whereby a single action of signing out terminates is.This screen provides an option for External Authentication. If External the all options unchecked and Click on Next. ser can login with MSAD/LDAP user ID as well as FCUBS user ID. ser can login with MSAD/LDAP server password only. The user ID can be UBS user ID. the type of external server used for authentication.	=
Exit Log	Bac	k Next

4. Specify the following details.

#### **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	X
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 DDAP	
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	X
Uracle Banking Installer	TALLER
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

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.



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

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

5. Specify the following LDAP server details.

#### LDAP Server URL

Specify the URL to access the LDAP server where the external user ID and password are maintained.

#### LDAP SSL Enabled

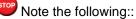
Check this box if the LDAP server is SSL enabled. If you check this box, then you need to specify the SSL port also in the field LDAP SERVER URL.

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

#### Security Authentication Type

Depending on the authentication mechanism supported by the LDAP server, select one of the following:

- Simple
- Strong





- 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.

Click 'Next'. The following screen is displayed:

Oracle FLEXCUBE Universal Installer		
Oracle Banking Ir	Istaller	
Property File Creation		
Current screen provides an op	tion for modifying the Gateway Properties	
XSD Path	/Kernel11.1/GW_MDB/XSD/	
Logger File	<pre>kernel11.1/GW_MDB/config/gw_mdb_logger.properties</pre>	
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

6. Specify the following details.

#### XSD Path

Specify the path to the XSD file. File name is not required. File separator must be '/'. There must be a '/' at the end. All the relevant XSD files must be manually copied to this location.

E.g.:

For Windows: D:\Kernel11.1\GW\_MDB\XSD\



For Linux: /Kernel11.1/GW\_MDB/XSD/

#### 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.

E.g.:

For windows: D:\Kernel11.1\GW\_MDB\config\gw\_mdb\_logger.properties

For Linux: /Kernel11.1/GW\_MDB/config/gw\_mdb\_logger.properties

#### **Debug Path**

Specify the path to the folder where the application creates the logs. There must be a '/' at the end. You need to manually create the folder structure.

#### E.g.:

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** Available

Indicate whether OPSS-CSF is installed or not.

Please choose this only if Oracle Platform Security Services - Credential Store Framework (CSF) is installed as per the guidelines in the pre-requisite document. It is recommended that you install CSF for safeguarding application specific security credentials.

#### **Distributed Schema**

If the schema is distributed, select 'Yes'.

If the schema is not distributed, select 'No'.



Click 'Next'. The following screen is displayed.

🛓 Oracle FLEXCUBE Universal Installer 12.5.0.0.0 — 🗌 🗙				
Oracle Banking Installer				
	way Property File Creation ent screen provides an opti	on for modifying MDB Properties		
No.	Name	Value		
1	Request Queue	MDB_QUEUE		
2	Response queue	MDB_QUEUE_RESPONSE		
3	DL Queue	MDB_QUEUE_DLQ		
4	Connection Factory	MDBQCF		
5	Secure Queue			
6	Caller ID			
7	Caller Password			
	Exit Log		(	Back Next

7. Specify the following details:

### **Request Queue**

Specify the request queue. This is the point-to-point destination type used for asynchronous peer communication.

E.g.: MDB\_QUEUE

#### **Response Queue**

Specify the response queue name.

E.g.: MDB\_QUEUE\_RESPONSE

#### **DL Queue**

Specify the dead letter queue name.

E.g.: 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.



E.g.: MDBQCF.

#### 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 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-0] com.ofss.installer.fcubs.gateway.GwProps: process()>XSD_PATH =/Keme 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : After process deleting the Class 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Comes with : com.ofss.instal 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Comes with : com.ofss.instal 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: return with Order : com.ofss.installer.gate 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: return with Order : com.ofss.installer.gate 2017-11-16T11:09:33,184 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In SetShowPanel: Obj already exist for Cla 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: NextButtonActionPerformed>Next action 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: NextButtonActionPerformed>Next action 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : Obj already exist for ClassNam 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : Obj already exist for ClassNam 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : Obj already exist for ClassNam 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After process deleting the Class 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : After process deleting the Class 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : After process deleting the Class 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : After process installer.gate 2017-11-16T11:10:33,48
Property File         Logger File         Save           Please continue to go to other Gateway application Type         Continue>
Exit Log Back Next

The property file will be created in a temporary folder.

- 8. Click 'Property File' to view the created property file.
- 9. Click 'Save' to the save the created property file in desire location.
- 10. Click 'Continue' to continue the installation process with gateway application type.
- 11. 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 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 following screen is displayed:

The installer displays the 'Multi Entity' screen



Gracle FLEXCUBE Universal Installer		×
Oracle Banking Installer		
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	
1		
Exit Log		Back Next

#### **MultiEntity Required**

Select the multi entity check box for enabling the multi entity deployment.

After selecting the multi entity option '+', '-'buttons will be enabled for capturing the entity Name

#### + Button:

New row will be added for capturing new entity name.

#### - Button:

Select the entity name and click - button, deletion of existing entity name will be done

#### **Entity Name:**

Enter the entity name as single word

For example: ENTITY1

Click 'Next'. The following screen is displayed:



Soracle 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_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	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

12. Specify the following details.

#### XSD Path

Specify the path to the XSD file. File name is not required. File separator must be 'l'. There must be a 'l' at the end. All the relevant XSD files must be manually copied to this location.

E.g.:

For Windows: D:\Kernel11.1\GW\_HTTP\XSD\

For Linux: /Kernel11.1/GW\_HTTP/XSD/

#### Logger File

Specify the path to the 'gw\_ http\_logger.properties' file with the file name. The file must be manually copied to the specified location.

#### E.g.:

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 '*l*' at the end. You need to manually create the folder structure.



E.g.:

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** Available

Indicate whether OPSS-CSF is installed or not.

Please choose this only if Oracle Platform Security Services - Credential Store Framework (CSF) is installed as per the guidelines in the pre-requisite document. It is recommended that you install CSF for safeguarding application specific security credentials.

#### **Distributed Schema**

If the schema is distributed, select 'Yes'.

If the schema is not distributed, select 'No'.

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

Click 'Next'. The following screen is displayed.



S Oracle FLEXCUBE Universal Installer	_ = <mark>X</mark>
Oracle Banking Installer	ORACLE INSTALLER
Property Installation Current screen Displays the status of the object loaded.	
2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwProps: process() 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After proc 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.Installer.frame: classRetrive Come 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Come 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Come 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: return with Order : c 2017-11-16T11:09:33,184 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwMDBProps: load( 2017-11-16T11:109:33,184 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubsInstaller: In SetShowPanel: O 2017-11-16T11:109:33,184 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubsInstaller: Screen Name for pr 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubsInstaller: Screen Name for pr 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubsInstaller: In invoke : Obj afrea 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubsInstaller: In invoke : Obj afrea 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubsInstaller: In invoke : Obj afrea 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubsInstaller: In invoke : After proc 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubsInstaller: Screen Name for lor 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubsInstaller: Screen Name for lor 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubsInstaller: In invoke : After proc 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubsInstaller: Screen Name for lor 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubsInstaller: Screen Name for lor 2017-11-16T11:10:33,505 DEBUG [AWT-EventQueue-0] com.ofss.installe	tess deleting the Clas: ad of Next screen : Gw s with : com.ofss.insta com.ofss.installer.gate )>Gateway MDB b) already exist for Cla rformed>Next action rocess of current scree dy exist for ClassNam ess()>Gateway MDB ress deleting the Class ad of Next screen : pro s with : com.ofss.insta
Property File Logger File Please continue to go to other Gateway application Type	Save Continue>
Exit Log Bac	k Next

The property file will be created in a temporary folder.

- 13. Click 'Property File' to view the created property file.
- 14. Click 'Save' to the save the created property file in desire location.
- 15. Click 'Continue' to continue the installation process with gateway application type.
- 16. 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:

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

Soracle FLEXCUBE Universal Installer	
Oracle Banking Installer	
Gateway Property File Creation	
Choose the Gateway Application Type	
Gateway EJB	
Gateway MDB	
Gateway HTTP Servlet	
Gateway Webservices	
$\bigcirc$ 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.



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

#### **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:



Solution of the second		
Oracle Banking Insta	aller	ORACLE INSTALLER
Property File Creation Current screen provides an option fo	Enabling Single Sign on	
SSO Required	<b>V</b>	
SSO KEY	DN	
Authentication details maintained ext External Password Required External User Login Required	ernal to FLEXCUBE Authentication Type	
at each of them. Conversely, Single access to multiple software system Authentication is not required, keep MSAD/LDAP User Login Required: U External Password Required: The u either the MSAD/LDAP user ID or FC	e and gains access to all systems without being prompted to log in again sign-off is the property whereby a single action of signing out terminates is.This screen provides an option for External Authentication. If External the all options unchecked and Click on Next. ser can login with MSAD/LDAP user ID as well as FCUBS user ID. ser can login with MSAD/LDAP server password only. The user ID can be UBS user ID. the type of external server used for authentication.	=
Exit Log	Back	K Next

4. Specify the following details.

#### **SSO** Required

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

#### SSO Key

Specify the SSO key. If you have checked the box 'SSO Required', it is mandatory to specify the SSO key.

If you have checked the box 'SSO Required', then the Installer will skip the following two screens and will directly navigate to the SSL screen shown below in this manual.

If you have not checked the box 'SSO Required', then click 'Next'. The following screen is displayed.

#### External User Login Required

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

If you check this box, the user can login with MSAD/LDAP server user Id as well as FCUBS user Id. If you do not check this box, the user can login using FCUBS user Id only.



Oracle FLEXCUBE Universal Installer	<u> </u>
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 IDAP	
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 1	Vext

#### **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 ld 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.



S Oracle FLEXCUBE Universal Installer	
Oracle Banking Installer	ACLE ALLER
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.	
Authentication Type: LDAP/MSAD is the type of external server used for authentication.	
Exit Log Back	Next

#### 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

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



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

6. Specify the following LDAP server details.

#### LDAP Server URL

Specify the URL to access the LDAP server where the external user ID and password are maintained.

#### LDAP SSL Enabled

Check this box if the LDAP server is SSL enabled. If you check this box, then you need to specify the SSL port also in the field LDAP SERVER URL.

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

#### Security Authentication Type

Depending on the authentication mechanism supported by the LDAP server, select one of the following:

- Simple
- Strong

втор

Note the following:

- Different servers support different authentication mechanisms.
- By default, the security authentication type is 'Simple'; however, you can change this.



#### **Domain Name**

Specify the domain name.

#### LDAP Server Timeout

Specify the LDAP server timeout in milliseconds. This must be a positive integer value. For example you can specify 1000, 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.

7. 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_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

8. Specify the following details.

#### **XSD** Path

Specify the path to the XSD file. File name is not required. File separator must be '/'. There must be a '/' at the end. All the relevant XSD files must be manually copied to this location.

E.g.:

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.

E.g.:

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 '*l*' at the end. You need to manually create the folder structure.

E.g.:

For windows: D:\Kernel11.1\GW\_WS\log\

For Linux: /Kernel11.1/GW\_WS/log/

#### Security Key for Encryption

Specify the security key for the Encription, here in this case it is 'oraclefinancial solutions'.

#### 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** Available

Indicate whether OPSS-CSF is installed or not.

Please choose this only if Oracle Platform Security Services - Credential Store Framework (CSF) is installed as per the guidelines in the pre-requisite document. It is recommended that you install CSF for safeguarding application specific security credentials.

#### **Distributed Schema**

If the schema is distributed, select 'Yes'.

If the schema is not distributed, select 'No'.



#### MSG IN LOG Required

Choose Yes/No from drop down box

#### **MSG OUT LOG Required**

Choose Yes/No from drop down box

9. Specify the following details:

#### **EJB Application Name**

Specify the name of the EJB application deployed.

E.g.: GWEJB.

Click 'Next'. The following screen is displayed.

S Oracle FLEXCUBE Universal Installer	
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 E	JB.
Exit	Back Next

10. Specify the following details:



🛓 C	)rac	le FLEXCUBE Universal Insta	iller	
	0	racle Banking Ir	nstaller	
		eway Property File Creatio rent screen provides an op	<b>n</b> ion for modifying WebServices Properties	
	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		<b>_</b>
	App	lication type can later be e	dited in env.properties	
		Exit Log		Back Next

#### 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.GWEJBRemote. in 'GW\_WS\_Prop.properties' file

E.g.:

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.

E.g.:

<u>Weblogic:</u> <u>t3://10.10.10.10:7001</u>

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.



E.g.: infra

#### Password

11. Specify the password for the above user name.

12. Specify the EJB look up type from the drop down list. The options are LOCAL/REMOTE

13. 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.

S Oracle FLEXCUBE Universal Installer	X
Oracle Banking Installer	RACLE STALLER
Property Installation         Current screen Displays the status of the object loaded.         2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwProps: process()>XSD_F         2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After process dele         2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: Screen Name for load of Nex         2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Comes with : cd         2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: return with Order : com.ofss.         2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: return with Order : com.ofss.         2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: return with Order : com.ofss.         2017-11-16T11:09:33,184 DEBUG [AWT-EventQueue-0] com.ofss.installer.Installer.Installer.Installer.Installer.Installer.Installer.Screen Name for process of         2017-11-16T11:109:33,184 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. NextButtonActionPerformed-         2017-11-16T11:100:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. Name for process of         2017-11-16T11:100:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : Obj already exist for         2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : Obj already exist for         2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.in	ting the Clas: t screen : Gw m.ofss.insta installer.gate vay MDB y exist for Cla >Next action current scree r ClassNam ateway MDB ing the Clas:
2017-11-16T11:10:33;489 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Comes with : co 2017-11-16T11:10:33;505 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: return with Order : com.ofss.	om.ofss.insta installer.gate = v
Property File     Logger File  Please continue to go to other Gateway application Type	Save Continue>
Exit Log 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 a temporary folder.

18. 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

EJB\_CTX\_FACTORY=com.ibm.websphere.naming.WsnInitialContextFactory

For Gateway WS EAR Building refer 'OBTF\_EAR\_Building document'

### 1.2.5 REST Services Application

to

Follow the steps given below:

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



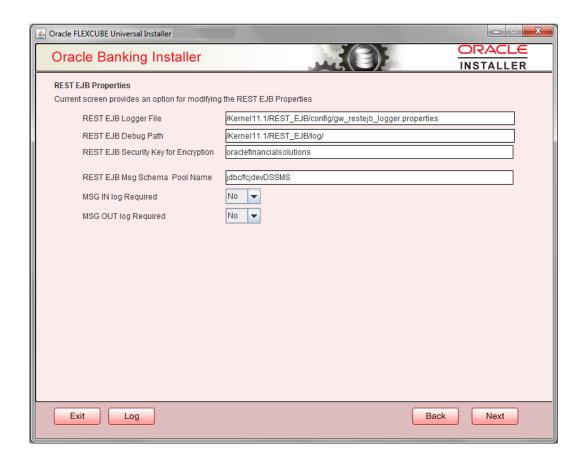


2. Click 'Next'. The following screen is displayed to capture Schema details. Enter valid username, password, IP Address, port and TNS descriptor and click on "Test Connection" button.

Orabio Danking I	nstaller	
SMS Schema Details		INSTALLER
Name	Value	
Jsername	installer 🔺	
assword	•••••	
ervice Name	testdb	
P Address	10.10.10	
Port	1521	
NS Connect Descriptor	testdb	Test Connection

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





In above page,

Enter the below REST EJB details:

#### **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 'oraclefinancial solutions'.

#### **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.

🕼 Oracle FLEXCUBE Universal Installer 12.5.0.0.0						
Oracle Banking	Installer				ORACLE INSTALLER	
RESTServices Properties						
Current screen provides an option for modifying the REST Services Properties						
REST Services Logger File		/Kernel11.1/RESTServices/config/gw_rest_logger.properties				
REST Services Debug Path		/Kernel11.1/RESTServices/log/				
REST Services Security Key for 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://10.184.132.161:14100/ms_oauth/oauth2/endpoints/oauthservice/tokens				
		-				
REST EJB Details						
	<b></b>					
CTX Factory	weblogic.jndi.Wl	LInitialContextFactory	Provider URL	t3://localhost:7030	)	
Security Principal	weblogic		Security Credentials	•••••		
JNDI Name	GWRestEJB#com.ofss.fcc.gw.rest.GWRestRemote					
Exit Log				Back	Next	

This Screen captures below properties:

#### **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 'oraclefinancial solutions'.

#### **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 FLEXCUBE Universal Installer	X
Oracle Banking Installer	
Property Installation Current screen Displays the status of the object loaded.	
2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwProps: process()>XSD_PAT 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After process deleting 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Comes with : com 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: return with Order : com.ofss.installer.1nstallerFrame: classRetrive Comes with : com 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: return with Order : com.ofss.inst 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In SetShowPanel: Obj already et 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In SetShowPanel: Obj already et 2017-11-16T11:09:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: NextButfonActionPerformed>N 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : Obj already exist for C 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : Obj already exist for C 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : Obj already exist for C 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : Obj already exist for C 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After process deleting 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After process deleting 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After process deleting 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: Screen Name for load of Next sc 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: Screen Name for load of Next sc	the Clas: reen: Gw ofss.insta taller.gate MDB dist for Cla ext action rent scree classNam way MDB the Clas: reen: pro ofss.insta
Property File     Logger File	Save
Please continue to go to other Gateway application Type	ontinue>
Exit Log Back	Next



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

The property file will be created in a temporary folder.

For Gateway REST EAR Building refer 'OBTF\_EAR\_Building document'





**GATEWAY Property File Creation** 

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