GATEWAY Property File Creation Oracle FLEXCUBE Universal Banking Release 14.3.0.0.0 [May] [2019]



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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 FLEXCUBE Universal Banking Solutions Installer - FCUBSInstaller.bat from INSTALLER\SOFT\GUI. Prerequisites screen is displayed.

Gracle FLEXCUBE Universal Installer		
Oracle Banking Installe	er 🔍	
Welcome To Oracle Universal Banking In	staller	
Prerequisites		
<ul> <li>Oracle Database should be ins</li> <li>JDK should be installed.</li> </ul>	talled.	
Please specify the JDK and Oracle Home	path.	
JDK Path		Browse
Oracle Home Path		Browse
Please select any one of the below option	IS:	
Property File of the second	reation	
🔾 Utilities		
Exit Log		Back Next

2. Select component as 'Gateway'.

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



Source FLEXCUBE Universal Installer			X
Oracle Banking Installer			ORACLE INSTALLER
Select one of the Components			
Load Existing Property File			Browse
O INFRA O Scheduler O Gateway	Switch Interface Inst	allation	
Select Oracle Product Processors			
Oracle FLEXCUBE Universal Banking			
Oracle FLEXCUBE Enterprise Limits and (	Collateral Management		
Oracle Banking Payments			
Oracle Banking Corporate Lending	Open Development Tool		
Select Plugins to be Installed			
Branch Centralized V Load	Existing Branch Property File		Browse
Host Address 10.10.10.10 1010	BPEL Scheduler	Standalone 💌	
<b>Reports</b> 10.10.10.10	OFTW GL	ELCM Adapter required	
DMS 10.10.10 1010	FIS-HOST Insulation		
Exit Log		Bac	k 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 Insta	aller	
Provide Environment details.		
EAR Name FCUBS		
File Seperator Style Linux	<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.

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

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



Solution of the second		
Oracle Banking Insta	aller	
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	ernal to FLEXCUBE Authentication Type MSAD 💌	
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	ce and gains access to all systems without being prompted to log in ag sign-off is the property whereby a single action of signing out termina is.This screen provides an option for External Authentication. If Extern 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 UBS user ID. the type of external server used for authentication.	al =
Exit Log	В	ack 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)



Soracle FLEXCUBE Universal Installer	x
Oracle 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 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.	
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 ld can be one of the following:

- MSAD/LDAP user Id
- FCUBS 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.



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 Kannal User Login Required 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.

🚯 Oracle FLEXCUBE Universal Installer				
0	racle Banking Insta	ller		
	perty File Creation NP Server Details for Gateway			
N	o. 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		
	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:



S Oracle FLEXCUBE Universal Installer				
Oracle Banking In	staller			
Property File Creation				
Current screen provides an op	tion for modifying the Gateway Properties			
XSD Path	/Kernel11.1/GW_EJB/XSD/			
Logger File	/Kernel11.1/GW_EJB/config/gw_ejb_logger.properties			
Debug Path	/Kernel11.1/GW_EJB/log/			
Security Key for Encryption	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 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 'Oraclefinancial solutions'.

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## **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. If OFTW is enabled, the below Screen appears:



Oracle FLEXCUBE Universal Installer 12.5.0.0.0					
Ora	acle Banking Installer			ORACLE INSTALLER	
	Property File Creation - OFTW Option for OFTW Details configuration for Gateway replay				
No.	Name		Value		
1	OFTW Recording Type	REMOTE			
2	OFTW User	infra			
3	OFTW Password	•••••			
4	OFTW Provider URL	mail/FCU	JBSMail		
S.No	Name		Value		
1	FCUBSAccService Url		http://10.10.10.10:1111		
E	Exit		Back	Next	

Enter Values for OFTW user, password, Provider URL and Recording Type. OFTW Recording Type has two options REMOTE and LOCAL.By default its 'REMOTE'.

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.



Soracle FLEXCUBE Universal Installer	
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()>2 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : After process 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Comes 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In SetShowPanel: Obj 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In SetShowPanel: Obj 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. Screen Name for proce 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : Obj already 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : After process 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. Screen Name for proce 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : After process 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : After process 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. Screen Name for load 2017-11-16T11:10:33,505 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Comes w 2017-11-16T11:10:33,505 D	s deleting the Clas: of Next screen : Gw with : com.ofss.insta .ofss.installer.gate >Gateway MDB already exist for Cla rmed>Next action ess of current scree exist for ClassNam s()->Gateway MDB s deleting the Clas: of Next screen : pro vith : com.ofss.insta
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.

- 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 'Continue' to continue the installation process with gateway application type.
- 14. Click 'Next' to navigate to the installer home screen.



## 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.

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	Back Next

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

The installer displays the 'Multi Entity' screen.



Oracle Banking Installer
Multi Entity Names Provide Entity Names MultiEntity Required S.No Entity Name
MultiEntity Required
SNo 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		<b>X</b>
Oracle Banking Inst	aller	ORACLE INSTALLER
Property File Creation Current screen provides an option fo	r Enabling Single Sign on	
SSO Required	2	
SSO KEY	DN	
Authentication details maintained ex External Password Required External User Login Required	Authentication Type	
at each of them. Conversely, Single access to multiple software system 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 aga sign-off is the property whereby a single action of signing out terminate ns. This screen provides an option for External Authentication. If External the all options unchecked and Click on Next. Iser 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.	S
Exit Log	Bad	sk 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	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 MSAD 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.



S Oracle FLEXCUBE Universal Installer	X
Oracle Banking Installer	ORACLE INSTALLER
Property File Creation	
Current screen provides an option for Enabling Single Sign on	
SSO Required	
SSO KEY DN	
Authentication details maintained external to FLEXCUBE External Password Required  Authentication Type 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.	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.

٤ (	🙆 Oracle FLEXCUBE Universal Installer				
Oracle Banking Installer					
		rty File Creation 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

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

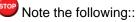
Check this box if the LDAP server is SSL enabled. If you check this box, then you need to specify the SSL port also in the field LDAP SERVER URL.

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



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- 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 In	staller		
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	

6. 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\_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.

## **OFTW Plugin Required**

Choose Yes/No from drop down box

If OFTW is enabled, the below Screen appears:

🔬 Oracle FLEXCUBE Universal Installer 12.5.0.0.0					
Ora	Oracle Banking Installer				
	Property File Creation - OFTW Option for OFTW Details configuration for Gateway replay				
No.	Name		Value		
1	OFTW Recording Type	REMOTE		]	
2	OFTW User	infra			
3	OFTW Password	•••••			
4	OFTW Provider URL	mail/FCU	IBSMail		
S.No	Name		Value		
1	FCUBSAccService Url		http://10.10.10.10:1111		
	Exit		Back	Next	
	Exit		Back	Next	

Enter Values for username, password, Provider URL and Recording Type.

Click 'Next'. The following screen is displayed.



Oracle FLEXCUBE Universal Installer 12.5.0.0.0 — 🗌 🗙				
Ora	acle Banking Ins	staller		
Gateway Property File Creation Current screen provides an option 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: proce 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: Screen Name f 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive C 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive C 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: return with Ord 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In SetShowPan 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: NetButonActio 2017-11-16T11:033,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: Screen Name f 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : Obj a 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: Screen Name f 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: Screen Name f 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: Screen Name f 2017-11-16T11:10:33,505 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive C 2017-11-16T11:10:33,505 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive C	process deleting the Class or load of Next screen : Gw omes with : com.ofss.insta er : com.ofss.installer.gate oad()>Gateway MDB el: Obj already exist for Cla mPerformed>Next action or process of current scree already exist for ClassNam process ()>Gateway MDB process deleting the Class or load of Next screen : pro omes with : com.ofss.insta er : com.ofss.installer.gate
Property File     Logger File  Please continue to go to other Gateway application	Save 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.



## 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.

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

2. Click 'Next'. The 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 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:



Solution of the second	ler	X
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

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.



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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 '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'.

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.



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- 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue- 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue- 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue- 2017-11-16T11:10:33,505 DEBUG [AWT-EventQueue- 2017-11-16T11:10:33,505 DEBUG [AWT-EventQueue- 2017-11-16T11:10:33,505 DEBUG [AWT-EventQueue- 2017-11-16T11:10:33,505 DEBUG [AWT-EventQueue- 2017-11-16T11:10:33,505 DEBUG [AWT-EventQueue- 2017-11-16T11:10:33,505 D	0] com.ofss.installer.FcubsInstaller. In invo 0] com.ofss.installer.FcubsInstaller. Screen 0] com.ofss.installer.InstallerFrame: ctuss 0] com.ofss.installer.InstallerFrame: return 0] com.ofss.installer.FcubsInstaller. In Setz 0] com.ofss.installer.FcubsInstaller. Screen 0] com.ofss.installer.FcubsInstaller. Screen 0] com.ofss.installer.FcubsInstaller. In Invol 0] com.ofss.installer.FcubsInstaller.FcubsInstaller. In Invol	ke : After process deleting the Clas: Name for load of Next screen : Gw Retrive Comes with : com.ofss.insta with Order : com.ofss installer gate BProps: load()>Gateway MDB ShowPanel: Obj already exist for Cla utonActionPerformed>Next action Name for process of current scree ke : Obj already exist for ClassNam BProps: process()>Gateway MDB ke : After process deleting the Class Name for load of Next screen : pro Retrive Comes with : com.ofss.insta
Property File     Logger File		Save
	Please continue to go to other Gateway ap	pplication Type Continue>
Exit		Back

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.



## 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	X 🗉 🗖
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	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 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

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



Soracle FLEXCUBE Universal Installer		
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	Authentication Type	
at each of them. Conversely, Single access to multiple software syster Authentication is not required, kee MSAD/LDAP User Login Required: I External Password Required: The t either the MSAD/LDAP user ID or F(	ce and gains access to all systems without being prompted to log in ag sign-off is the property whereby a single action of signing out terminate ns.This screen provides an option for External Authentication. If Externa o the all options unchecked and Click on Next. Iser 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 b UBS user ID. the type of external server used for authentication.	es al ≡
Exit Log	Ba	ick 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.



Soracle FLEXCUBE Universal Installer	x
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
- FCUBS 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
Property File Creation Current screen provides an option for Enabling Single Sign on	
SSO Required	
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

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



실 Oracl	🚳 Oracle FLEXCUBE Universal Installer						
Or	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	-				
	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

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:

Oracle FLEXCUBE Universal Installer								
Oracle Banking Installer								
Property File Creation								
Current screen provides an op	Current screen provides an option 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 '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\_WS\XSD\

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



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# 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'.



# **OFTW plugin Required**

Chose the check box if rtt plugin is required

# **MSG IN LOG Required**

Choose Yes/No from drop down box

# **MSG OUT LOG Required**

Choose Yes/No from drop down box

If OFTW is enabled, the below Screen appears:

6 Oracle	Oracle FLEXCUBE Universal Installer 12.5.0.0.0						
Ora	Oracle Banking Installer						
	Property File Creation - OFTW Option for OFTW Details configuration for Gateway replay						
No.	Name		Value				
1	OFTW Recording Type	REMOTE					
2	OFTW User	infra					
3	OFTW Password	•••••					
4	OFTW Provider URL	mail/FCU	IBSMail				
S.No	o Name Value						
			http://10.10.10.10:1111				
E	Exit			Back Next			

Enter Values for username, password, Provider URL and Recording Type.

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	X
Uracle 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.	
Exit Log Back	Next

10. Specify the following details:

🛓 Ora	🔄 Oracle FLEXCUBE Universal Installer						
0	Oracle Banking Installer						
	Gateway Property File Creation Current screen provides an option 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		-				
Ap	plication type can later be	edited 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.:

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.

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.

<sup>109</sup> 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			
Oracle Banking Installer			DRACLE NSTALLER
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- 2017-11-16T11:09:33,188 DEBUG [AWT-EventQueue- 2017-11-16T11:09:33,188 DEBUG [AWT-EventQueue- 2017-11-16T11:09:33,489 DEBUG [AWT-EventQueue- 2017-11-16T11:10:33,489 D	-0] com.ofss.installer.Fcubsinstaller: 1 -0] com.ofss.installer.Fcubsinstaller: 9 -0] com.ofss.installer.InstallerFrame: -0] com.ofss.installer.InstallerFrame: -0] com.ofss.installer.Fcubsinstaller: 1 -0] com.ofss.installer.Fcubsinstaller.Fcubsinstaller: 1 -0] com.ofss.installer.Fcubs	In invoke : After process of Screen Name for load of N classRetrive Comes with return with Order : com of SwMDBProps: load()>Ga in SetShowPanel: Obj alre NextButtonActionPerforme Screen Name for process in invoke : Obj already exis SwMDBProps: process () in invoke : After process of Screen Name for load of N classRetrive Comes with	eleting the Clas: lext screen : Gw : com.ofss.insta ss.installer, gate teway MDB ady exist for Cla dd->Next action of current scree at for ClassNam >Gateway MDB eleting the Clas: lext screen : pro : com.ofss.insta
Property File     Logger File			Save
	Please continue to go to other Gate	way application 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.

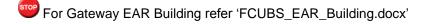
to

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





# 1.2.5 REST Services Application

Follow the steps given below:

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

🛓 Oracle FLEXCUBE Universal Installer	
Oracle 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

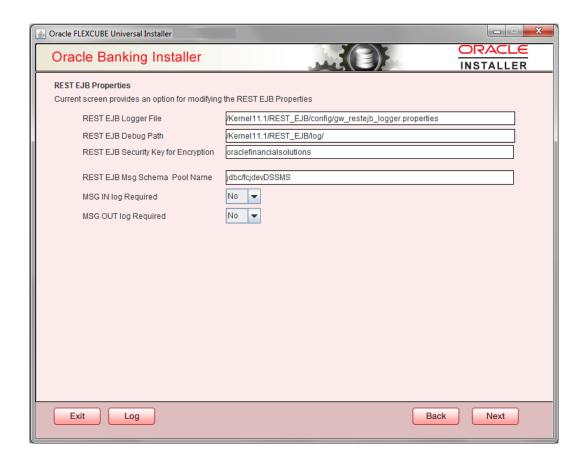
2. Click 'Next'. The following screen is displayed to capture Schema details. Enter valid username, password, IP Address, port and TNS descriptor and click on "Test Connection" button.



🚳 Oracle FLEXCUBE Universal Installer 12.5.0.0.0					
Oracle Banking Installer					
SMS Schema Details					
Name	Value				
Username	installer	<b></b>			
Password	•••••				
Service Name	testdb				
IP Address	10.10.10.10				
Port	1521				
TNS Connect Descriptor	testdb	Test Co	nnection		
Exit Log			Back Next		

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

ORACLE



# 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			_	STALLER
RESTServices Properties					
Current screen provides an	option for modifyi	ng 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/oauthservice/	tokens
REST EJB Details					
CTX Factory	weblogic.jndi.WL	InitialContextFactory	Provider URL	t3://localhost:7030	
Security Principal	weblogic		Security Credentials	•••••	
JNDI Name	GWRestEJB#com.ofss.fcc.gw.rest.GWRest		tRemote		
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_PATH =/Kerre 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.fcubs.gateway.GwMDBProps: load()>Gateway MDB 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.installer. NextButtonActionPerformed>Next action 2017-11-16T11:09:33,148 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. Screen Name for process of current scree 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. Screen Name for process of 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 : 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. Invoke : After process deleting the Class 2017-11-16T11:10:33,489 DEBUG [					
Property File Logger File     Save Please continue to go to other Gateway application Type Continue>					
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





GATEWAY Property File Creation [May] [2019] Version 14.3.0.0.0

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