GATEWAY Property File Creation Oracle FLEXCUBE Universal Banking Release 12.87.7.0.0 [May] [2021]



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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.

Solution Oracle FLEXCUBE University	Oracle FLEXCUBE Universal Installer				
Oracle Banki	ng Installer				
Welcome To Oracle Univ	ersal Banking Installer				
Prerequisites					
<ul> <li>Oracle Databa</li> <li>JDK should b</li> </ul>	ise should be Installed. e Installed.				
Please specify the JDK a	nd Oracle Home path.				
JDK Path		Browse			
Oracle Home Path		Browse			
Please select any one o	the below options:				
	Property File creation				
	O Utilities				
Exit	g		Back Next		

2. Select component as 'Gateway'.

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



🔬 Oracle FLEXCUBE Universal Installer						
Uracle Banking Installer	ACLE ALLER					
Select one of the Components						
Load Existing Property File	Browse					
INFRA     Scheduler     Gateway     Switch Interface Installation						
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 Coad Existing Branch Property File	Browse					
Host Address 10.10.10.10 1010 BPEL Scheduler Standalone V						
Reports 10.10.10.10 1010 OFTW FGL ELCM Adapter required						
DMS 10.10.10.10 1010 FIS-HOST Insulation						
Exit Log Back	Vext					



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 Ins	taller	
Provide Environment details.		
EAR Name FCUBS		
File Seperator Style	-	
Application Server Weblogic	*	
Application Server Path	C:/Oracle/Middleware/Oracle_Home/wiserver	Browse
Source Path	C/Projects/FC125OSDC/CONSOLE_EXE	Browse
Ear Destination Path	C:/Projects/FC125OSDC/DEST	Browse
Exit Log		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	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	
MultiEntity Required	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	/ 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

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



Solution of the second		X
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	Authentication Type	
at each of them. Conversely, Single access to multiple software syster Authentication is not required, keep MSAD/LDAP User Login Required: U	ce and gains access to all systems without being prompted to log in a sign-off is the property whereby a single action of signing out termin ns.This screen provides an option for External Authentication. If Exter the all options unchecked and Click on Next. ser can login with MSAD/LDAP user ID as well as FCUBS user ID.	ates mal ≡
either the MSAD/LDAP user ID or FO		1 De
Addrend Callon Type: LDAP/MSAD IS	the type of external server used for authentication.	<u> </u>
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	RACLE STALLER
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.



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

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

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 Ir	Oracle Banking Installer					
Property File Creation Current screen provides an op	Property File Creation Current screen provides an option 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 Distributed Schema MSG IN log Required	POSS DataSource     OPSS CSF Available     OSSTEST WORLD      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 '/' 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 ALLER					
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				
E	Exit		(	Back	lext		

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.



Oracle 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 2017-11-16T11:09:33,168 DEBUG (AWT-EventQueue-0) com.ofss.installer.FcubsInstaller: In invoke : After pro 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: 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: NextButtonActionP 2017-11-16T11:10:33,489 DEBUG (AWT-EventQueue-0) com.ofss.installer.FcubsInstaller: NextButtonActionP 2017-11-16T11:10:33,489 DEBUG (AWT-EventQueue-0) com.ofss.installer.fcubsInstaller: Screen Name for J 2017-11-16T11:10:33,489 DEBUG (AWT-EventQueue-0) com.ofss.installer.fcubsInstaller: In invoke : Obj alre 2017-11-16T11:10:33,489 DEBUG (AWT-EventQueue-0) com.ofss.installer.fcubsInstaller: In invoke : Obj alre 2017-11-16T11:10:33,489 DEBUG (AWT-EventQueue-0) com.ofss.installer.fcubsInstaller: In invoke : After pro 2017-11-16T11:10:33,489 DEBUG (AWT-EventQueue-0) com.ofss.installer.fcubsInstaller: Screen Name for J 2017-11-16T11:10:33,489 DEBUG (AWT-EventQueue-0) com.ofss.installer.foubsInstaller: Screen Name for J 2017-11-16T11:10:33,505 DEBUG (AWT-EventQueue-0) com.ofss.installer.foubsInstaller: Screen Name for	Decess deleting the Class load of Next screen : Gw nes 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 (cess()>Gateway MDB bocess 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 '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	
○ 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 FLEXCUBE Universal Installer		
Oracle Banking Installer		
Multi Entity Names		
Provide Entity Names		
MultiEntity Required		10 L
S.No	Entity Name	
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

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	ernal to FLEXCUBE Authentication Type	
at each of them. Conversely, Single access to multiple software systen 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 a 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.	ites nal
Exit Log	В	Back 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.



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

# External User Login Required

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

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



Oracle FLEXCUBE Universal Installer	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.

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

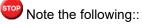
Check this box if the LDAP server is SSL enabled. If you check this box, then you need to specify the SSL port also in the field LDAP SERVER URL.

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 Ir	nstaller			
Property File Creation				
Current screen provides an op	tion for modifying the Gateway Properties			
XSD Path	/Kernel11.1/GW_MDB/XSD/			
Logger File	Kernel11.1/GW_MDB/config/gw_mdb_logger.properties			
Debug Path	/Kernel11.1/GW_MDB/log/			
Security Key for Encryption	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	🔬 Oracle FLEXCUBE Universal Installer 12.5.0.0.0				
Ora	Oracle Banking Installer				
	erty File Creation - OFTW n for OFTW Details configuration for Gatewa	y 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	1 FCUBSAccService Url http://10.10.10.10:1111				
	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 — 🗌 🗙				
Oracle Banking Installer				
	way Property File Creation ent screen provides an optic			
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.

ORACLE

#### 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: proces 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After p 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: Screen Name for 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Cor 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Cor 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: return with Order 2017-11-16T11:09:33,188 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In SetShowPane 2017-11-16T11:09:33,184 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. NextButtonAction 2017-11-16T11:00:33,489 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 all 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 all 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : Obj all 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : After p 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : After p 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 : After p 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : After p 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : After p 2017-11-16T11:10:33,505 DEBUG [AWT-EventQueue-0] com.ofss.installer.Finstaller.Frame: classRetrive Cor 2017-	rocess deleting the Class load of Next screen : Gw mes with : com.ofss.insta : com.ofss.installer.gate ad()>Gateway MDB I: Obj already exist for Cla PerformedNext action r process of current scree ready exist for ClassNam ocess()->Gateway MDB rocess deleting the Class : load of Next screen : pro mes with : com.ofss.insta : com.ofss.installer.gate
Property File Logger File Please continue to go to other Gateway application Ty	save 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.

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	
$\bigcirc$ 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



	•
Entity Name	
	Back Next
	Entity Name

# **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	ler	
Oracle Banking Ir	staller	
Property File Creation Current screen provides an op	tion for modifying the Gateway Properties	
XSD Path	/Kernel11.1/GW_HTTP/XSD/	
Logger File	kernel11.1/GW_HTTP/config/gw_http_logger.properties	
Debug Path	/Kernel11.1/GW_HTTP/log/	
Security Key for Encryption	oraclefinancialsolutions	
SMS Pool Name	jdbc/fcjdevDSSMS	
DataSource	FLEXTEST.WORLD	
	POSS DataSource OPSS CSF Available	
POSS DataSource	POSSTEST.WORLD	
Distributed Schema	No 💌	
MSG IN log Required	No V MSG OUT log Required No V	
Exit		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 '/. 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\_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 '/' 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 '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			
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-0] 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] 2017-11-16T11:10:33,189 DEBUG [AWT-EventQueue-0] 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] 2017-11-16T11:10:33,505 DEBUG [AWT-EventQueue-0]	com.ofss.installer.FcubsInstaller.1 com.ofss.installer.FcubsInstaller.3 com.ofss.installer.InstallerFrame: com.ofss.installer.InstallerFrame: com.ofss.installer.fcubs.gateway.G com.ofss.installer.FcubsInstaller.1 com.ofss.installer.FcubsInstaller.3 com.ofss.installer.FcubsInstaller.1 com.ofss.installer.FcubsInstaller.1 com.ofss.installer.FcubsInstaller.1 com.ofss.installer.FcubsInstaller.3 com.ofss.installer.FcubsInstaller.3 com.ofss.installer.FcubsInstaller.3 com.ofss.installer.FcubsInstaller.3 com.ofss.installer.FcubsInstaller.3	n invoke : After process de Screen Name for load of N classRetrive Comes with : return with Order : com ofs wMDBProps: load()—>Gal n SetShowPanel: Obj alre. VextButtonActionPerforme Screen Name for process n invoke : Obj already exis wMDBProps: process()—> n invoke : After process de Screen Name for load of N classRetrive Comes with :	ieting the Clas: ext screen : Gw com.ofss.insta is.installer.gate teway MDB ady exist for Cla d->Next action of current scree t for ClassNam <gateway mdb<br="">leting the Clas: lext screen : pro com.ofss.insta</gateway>
< <u></u>			
Property File Logger File	Please continue to go to other Gate	way application Type	Save Continue>
Exit		Back	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.



# 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	
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 FLEXCUBE Universal Installer		
Oracle Banking Installer		
Multi Entity Names		
Provide Entity Names		
MultiEntity Required		1 A A
S.No	Entity Name	
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

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



Soracle FLEXCUBE Universal Installer	and the second	X
Oracle Banking Insta	aller	ORACLE INSTALLER
Property File Creation Current screen provides an option fo	Enabling Single Sign on	
SSO Required		
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 systen 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 terminal 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	B	ack 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	- • ×
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 I Authentication Type External User Login Required I 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.	
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	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

# 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.



🔹 Oracle FLEXCUBE Universal Installer						
Ora	Oracle Banking Installer					
	erty 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	-			
	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 Ir	ustaller							
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 '/. 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'.



# **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	FLEXCUBE Universal Installer 12.5.0.0.0			X
Ora	cle Banking Installer			ORACLE INSTALLER
	rty File Creation - OFTW I for OFTW Details configuration for Gateway	replay		
No.	Name		Value	
1	OFTW Recording Type	REMOTE		7
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 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.



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Oracle FLEXCUBE Universal Installer	
Uracie Banking Installer	ORACLE 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:

Oracle Banking Installer         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       Image: Colspan="2">Colspan="2"         Colspan="2">Colspan="2"         Colspan="2"         Colspan="2"         Application Type         INTEGRATED         Colspan="2"         Application type can later be edited in env.properties								
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://10.10.10.7001         3       User Name       infra         4       Password       •••••         5       EJB Look Up       ▼								
1       EJB JNDI Name       #com.ofss.fcubs.gw.ejb.GWEJBRemote         2       Application Server URL       http://10.10.10.7001         3       User Name       infra         4       Password       •••••         5       EJB Look Up       ▼								
2       Application Server URL       http://10.10.10.7001         3       User Name       infra         4       Password       •••••         5       EJB Look Up       v								
3     User Name     infra       4     Password     •••••       5     EJB Look Up     •         Application Type   INTEGRATED								
4     Password     ••••••       5     EJB Look Up     ▼   Application Type								
5 EJB Look Up								
Application Type INTEGRATED V								
Application 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>100</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		
Property Installation Current screen Displays the status of the object loaded.		
2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0 2017-11-16T11:10:33,189 DEBUG [AWT-EventQueue-0 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0 2017-11-16T11:10:33,505 DEBUG [AWT-EventQueue-0 2017-11-16T11:10:33,505 DEBUG [AWT-EventQueue-0	com.ofss.installer.Fcubsinstaller. In im com.ofss.installer.Fcubsinstaller.Scree com.ofss.installer.InstallerFrame: clas com.ofss.installer.InstallerFrame: retu com.ofss.installer.Fcubsinstaller. In Sc com.ofss.installer.Fcubsinstaller. Scre com.ofss.installer.Fcubsinstaller: Scre com.ofss.installer.Fcubsinstaller: In im com.ofss.installer.Fcubsinstaller: In im com.ofss.installer.Fcubsinstaller: Scre com.ofss.installer.Fcubsinstaller: Scre com.ofss.installer.Fcubsinstaller: Scre com.ofss.installer.Fcubsinstaller: Scre com.ofss.installer.Fcubsinstaller: Scre com.ofss.installer.Fcubsinstaller: Scre com.ofss.installer.Fcubsinstaller: Scre com.ofss.installer.Scre	voke : After process deleting the Class en Name for load of Next screen : Gw sRetrive Comes with : com.ofss.insta m with Order : com.ofss.installer.gate DBProps: load()>Gateway MDB etShowPanel: Obj already exist for Cla ButtonActionPerformed>Next action en Name for process of current scree voke : Obj already exist for ClassNam DBProps: process ()>Gateway MDB voke : After process deleting the Class en Name for load of Next screen : pro sRetrive Comes with : com.ofss.insta
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.

- 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.

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     DEFET Services (Applicable to UDS 44.4 and above versions)	
REST Services (Applicable to UBS 14.1 and above versions)	
Exit Log	Back Next

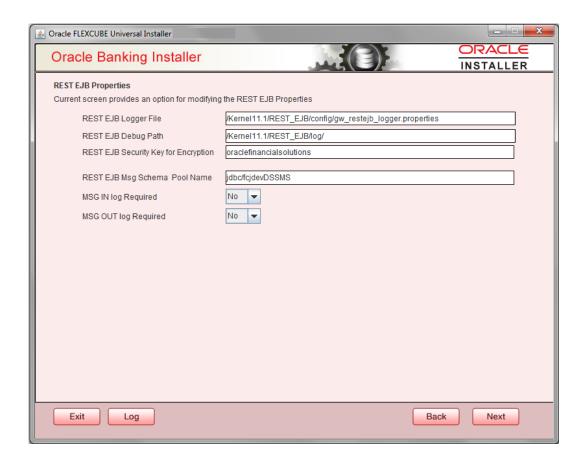
 Click 'Next'. The following screen is displayed to capture Schema details. Enter valid username, password, IP Address, port and TNS descriptor and click on "Test Connection" button.



🕼 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 Cor	nnection			
Exit Log			Back			

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.

Soracle FLEXCUBE Universal Inst	taller 12.5.0.0.0				- • ×
Oracle Banking I	nstaller				RACLE STALLER
RESTServices Properties					
Current screen provides an o	option for modifyi	ing the REST Services Prop	perties		
REST Services Logger File		/Kernel11.1/RESTService	es/config/gw_rest_logge	r.properties	
REST Services Debug Path		/Kernel11.1/RESTServic	es/log/		
REST Services Security Key for	r 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/to	kens
REST EJB Details					
CTX Factory	weblogic.jndi.W	LInitialContextFactory	Provider URL	t3://localhost:7030	
Security Principal	weblogic		Security Credentials	•••••	
JNDI Name	GWRestEJB#co	m.ofss.fcc.gw.rest.GWRes	tRemote		
Exit Log				Back	Next

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 Banking Installer       DEPLOY Installation         Current screen Displays the status of the object loaded.         2017-11-16T11109:33,168 DEBUG (AWT-EventQueue-0) com ofss installer. Foubsinstaller. In invoke : After process deleting the Class:         2017-11-16T11109:33,168 DEBUG (AWT-EventQueue-0) com ofss installer. Foubsinstaller. Screen Name for load of Next screen : GW         2017-11-16T11109:33,168 DEBUG (AWT-EventQueue-0) com ofss installer. Foubsinstaller. Screen Name for load of Next screen : GW         2017-11-16T11109:33,168 DEBUG (AWT-EventQueue-0) com ofss installer. Installer. Frame: class. Retrive Comes with: com ofss installer of a tege and the object loaded.         2017-11-16T11109:33,168 DEBUG (AWT-EventQueue-0) com ofss installer. Frame: class. Retrive Comes with: com ofss installer of a tege and the object loaded.         2017-11-16T11109:33,168 DEBUG (AWT-EventQueue-0) com ofss installer. Foubsinstaller: Installout Comes with: com ofss installer of a tege and the object loaded.         2017-11-16T11109:33,169 DEBUG (AWT-EventQueue-0) com ofss installer. Foubsinstaller: Installout Comes with: com ofss installer of a tege and the object loaded.         2017-11-16T11109:33,489 DEBUG (AWT-EventQueue-0) com ofss installer. Foubsinstaller. Installer for process of current scree 2017-11-16T11109:33,489 DEBUG (AWT-EventQueue-0) com ofss installer. Foubsinstaller. Installer. Class. The process deleting the Class.         2017-11-16T11109:33,489 DEBUG (AWT-EventQueue-0) com ofss installer. Foubsinstaller. Installer for Societary MDB 2017-11-16T11109:33,489 DEBUG (AWT-EventQueue-0) com ofss installer. Foubsinstaller. Installer foutsinstaller. Totstaller. Class. The process deleting the Class.<	Oracle FLEXCUBE Universal Installer	X
Current screen Displays the status of the object loaded.	Oracle Banking Installer	
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.installer 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: return with Order : com.ofss.installer. 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: return with Order : com.ofss.installer. 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In StallerFoubsInstaller: In Staller StowPanel: Obj already exist for Clas 2017-11-16T11:09:33,189 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In Staller FoubsInstaller: I		
Property File     Save       Please continue to go to other Gateway application Type     Continue>	2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After process defe 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: Screen Name for load of Ney 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Comes with : c 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.FcubsInstaller. NextButtonActionPerformed- 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. NextButtonActionPerformed- 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. Screen Name for process of 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. Screen Name for process of 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : Ohj already exist ft 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : Ohj already exist ft 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : After process dele 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : After process dele 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : After process dele 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : After process dele 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : After process dele 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FrabsInstaller. In invoke : After process dele 2017-11-16T11:10:33,505 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Comes with : c	ting the Clas: t screen : GW om.ofss.insta installer.gate way MDB ty exist for Cla Next action current scree or ClassNam sateway MDB ting the Clas: t screen : pro om.ofss.insta installer.gate
1-46	1.46	



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] [2021] Version 12.87.7.0.0

Oracle Financial Services Software Limited Oracle Park Off Western Express Highway Goregaon (East) Mumbai, Maharashtra 400 063 India

Worldwide Inquiries: Phone: +91 22 6718 3000 Fax: +91 22 6718 3001 https://www.oracle.com/industries/financial-services/index.html

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