GATEWAY Property File Creation Oracle FLEXCUBE Universal Banking Release 14.5.4.0.0 Part No. F52800-01 [February] [2022]



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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	sal Installer		
Oracle Banki	ng Installer		
Welcome To Oracle Univ	ersal Banking Installer		
Prerequisites			
 Oracle Databa JDK should b 	ase should be installed. e installed.		
Please specify the JDK a	nd Oracle Home path.		
JDK Path		Br	owse
Oracle Home Path		Br	owse
Please select any one o	the below options:		
	Property File creation		
	O Utilities		
Exit	2 D		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	ISTALLER
Select one of the Components	
Load Existing Property File	Browse
INFRA Scheduler Stateway 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	
Reports 10.10.10.10 1010 OFTW FGL ELCM Adapter required	
DMS 10.10.10.10 1010 FIS-HOST Insulation	
Exit Log Back	Next



3. Enter the Required details in the Screen.

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

Oracle Banking 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	1 m l + 1 m l
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

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



Gracle FLEXCUBE Universal Installer		
Oracle Banking Insta	aller	ORACLE INSTALLER
Property File Creation Current screen provides an option fo	Enabling Single Sign on	
SSO Required	V	
SSO KEY	DN	
Authentication details maintained ext External Password Required External User Login Required	emal to FLEXCUBE Authentication Type	
at each of them. Conversely, Single access to multiple software system Authentication is not required, keep MSAD/LDAP User Login Required: U External Password Required: The u either the MSAD/LDAP user ID or FC	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: Is.This screen provides an option for External Authentication. If External the all options unchecked and Click on Next. ser can login with MSAD/LDAP user ID as well as FCUBS user ID. ser can login with MSAD/LDAP server password only. The user ID can be UBS user ID. the type of external server used for authentication.	s
Exit Log	Bac	k 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	
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 V Authentication Type External User Login Required V 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 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.



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

🚳 Oracle FLEXCUBE Universal Installer						
0	Oracle Banking Installer					
	perty File Creation NP Server Details for Gateway					
N	o. 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 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

Prote the following:

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

Domain Name

Specify the domain name.

LDAP Server Timeout

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

By default, the LDAP server timeout is zero; however, you can change this.

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



💰 Oracle FLEXCUBE Universal Installer				
Oracle Banking 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	ĺ	Back Next		

9. Specify the following details.

XSD Path

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

E.g.:

For Windows: D:\Kernel11.1\GW_EJB\XSD\

For Linux: /Kernel11.1/GW_EJB/XSD/

Logger File

Specify the path to the 'gw_ejb_logger.properties' file with the file name. The file must be manually copied to the specified location.

E.g.:

For windows: D:\Kernel11.1\GW_EJB\config\gw_ejb_logger.properties

For Linux: /Kernel11.1/GW_EJB/config/gw_ejb_logger.properties

Debug Path

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

E.g.:

For windows: D:\Kernel11.1\GW_EJB\log\

For Linux: /Kernel11.1/GW_EJB/log/

Security Key for Encryption

Specify the security key for the Encryption, here in this case it is '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	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	JBSMail				
S.No	o Name		Value				
1	FCUBSAccService Url http://10.10.10.101111						
	Exit		Back	Next			
			Васк	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.



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Oracle Banking Installer Description 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 =/Kernef 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.installer.in invoke : After process deleting the Class 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.installer.in invoke : After process deleting the Class 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.installer.fcubs.installer.fcubs.installer.gate 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.installer.fcubs.installer.gate 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.installer.fcubs.gateway.GwMDBProps: load()->Gateway MDB 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.installer.fcubs.installer.gate 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.installer.fcubs.installer.fcubs.installer.fcubs.installer.fcubs.installer.fcubs.installer.fcubs.installer.fcubs.installer.fcubs.installer.gate 2017-11-16T11:09:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.installer.fcubs.installer.fcubs.installer.fcubs.installer.fcubs.installer.fcubs.gateway.GwMDBProps: process.getaway.MDB 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.installer.fcubs.installer.fcubs.installer.fcubs.installer		Oracle FLEXCUBE Universal Install
Current screen Displays the status of the object loaded.		Oracle Banking In
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.FcubsInstaller: Screen Name for load of Next screen : Gw 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: Screen Name for load of Next screen : Gw 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.Installer.Frame: classRetrive Comes with : com.ofss.installer.2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.Installer.Frame: return with Order : com.ofss.installer.gate 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In SetShowPanel: Obj already exist for Cla 2017-11-16T11:09:33,148 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In SetShowPanel: Obj already exist for Cla 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: NextButtonActionPerformed>Next action 2017-111-16T11:10:33,489 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 : Obj already exist for ClassNam 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After process deleting the Class 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After process deleting the Class 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After process deleting the Class 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After process deleting the Class 2017-	aded.	
	entQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After process deleting the Class entQueue-0] com.ofss.installer.FcubsInstaller: Screen Name for load of Next screen : Gw entQueue-0] com.ofss.installer.InstallerFrame: classRetrive Comes with : com.ofss.installer entQueue-0] com.ofss.installer.InstallerFrame: return with Order : com.ofss.installer.gate entQueue-0] com.ofss.installer.FcubsInstaller: NextButtonActionPerformed>Next action entQueue-0] com.ofss.installer.FcubsInstaller: NextButtonActionPerformed>Next action entQueue-0] com.ofss.installer.FcubsInstaller: Screen Name for process of current scree entQueue-0] com.ofss.installer.FcubsInstaller: Screen Name for process of current scree entQueue-0] com.ofss.installer.FcubsInstaller: In invoke : Obj already exist for ClassNam entQueue-0] com.ofss.installer.FcubsInstaller: In invoke : Obj already exist for ClassNam entQueue-0] com.ofss.installer.FcubsInstaller: In invoke : Obj already exist for ClassNam entQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After process deleting the Class entQueue-0] com.ofss.installer.FcubsInstaller: Screen Name for load of Next screen : pro entQueue-0] com.ofss.installer.FcubsInstaller: Screen Name for load of Next screen : pro entQueue-0] com.ofss.installer.FcubsInstaller: Screen Name for load of Next screen : pro	2017-11-16T11:09:33,168 DEBL 2017-11-16T11:09:33,168 DEBL 2017-11-16T11:09:33,168 DEBL 2017-11-16T11:09:33,168 DEBL 2017-11-16T11:09:33,168 DEBL 2017-11-16T11:10:33,189 DEBL 2017-11-16T11:10:33,489 DEBL 2017-11-16T11:10:33,489 DEBL 2017-11-16T11:10:33,489 DEBL 2017-11-16T11:10:33,489 DEBL 2017-11-16T11:10:33,489 DEBL 2017-11-16T11:10:33,489 DEBL 2017-11-16T11:10:33,489 DEBL
Property File Logger File Save	1.1.	
Please continue to go to other Gateway application Type Continue>		
Exit Log Back Next	Back Next	Exit Log

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.

Gracle FLEXCUBE Universal Installer		
Oracle Banking Installer		ACLE TALLER
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.



S. 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:



Solution of the second	and the second	X
Oracle Banking Inst	aller	ORACLE INSTALLER
Property File Creation Current screen provides an option fo	r Enabling Single Sign on	
SSO Required		
SSO KEY	DN	
Authentication details maintained ex	ernal to FLEXCUBE	
External Password Required	Authentication Type MSAD 👻	
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 aga sign-off is the property whereby a single action of signing out terminate: 1s.This screen provides an option for External Authentication. If External t he 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	5 =
either the MSAD/LDAP user ID or FC		
Authentication Type: LDAP/MSAD is	the type of external server used for authentication.	•
Exit Log	Bac	k Next

4. Specify the following details.

SSO Required

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

SSO Key

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

If you have checked the box 'SSO Required', then the Installer will skip the following two screens and will directly navigate to the Modifying the Gateway properties Screen.

External Password Required

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

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

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



Oracle FLEXCUBE Universal Installer	X
Oracle Banking Installer	ACLE 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

External User Login Required

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

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



Oracle FLEXCUBE Universal Installer	×
Uracle Banking Installer	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.	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.

_	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	^		
	2	LDAP SSL ENABLED				
	3	SECURITY AUTHENTICATIO	Simple	=		
	4	DOMAIN NAME	I-FLEX.COM			
	5	LDAP SERVER TIMEOUT	0	-		
	E	Exit			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

Note the following::

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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	ion for modifying the Gateway Properties			
XSD Path	/Kernel11.1/GW_MDB/XSD/			
Logger File	<pre>kernel11.1/GW_MDB/config/gw_mdb_logger.properties</pre>			
Debug Path	/Kernel11.1/GW_MDB/log/			
Security Key for Encryption	oraclefinancialsolutions			
SMS Pool Name	jdbc/fcjdevDSSMS			
DataSource	FLEXTEST.WORLD			
	POSS DataSource OPSS CSF Available			
POSS DataSource				
Distributed Schema	No 🗸			
MSG IN log Required	No V MSG OUT log Required No V			
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 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		Bac	k 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	on for modifying MDB Properties		
No.	Name	Value		
1	Request Queue	MDB_QUEUE		
2	Response queue	MDB_QUEUE_RESPONSE		
3	DL Queue	MDB_QUEUE_DLQ		
4	Connection Factory	MDBQCF		
5	Secure Queue			
6	Caller ID			
7	Caller Password			
	Exit Log			Back Next

7. Specify the following details:

Request Queue

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

E.g.: MDB_QUEUE

Response Queue

Specify the response queue name.

E.g.: MDB_QUEUE_RESPONSE

DL Queue

Specify the dead letter queue name.

E.g.: MDB_QUEUE_DLQ

Note: Refer Resources_To_Be_Created.docx for creation of Queues

Connection Factory

Specify the connection configuration parameters to create connections for JMS clients.

E.g.: MDBQCF.



Secure Queue

Check this box if the Caller ID and Caller Password values have to be entered.

The Installer creates two files viz. 'gw_mdb_logger.properties' and 'GW_MDB_Prop.properties' in the path provided to save the files.

Click 'Next'. The following screen is displayed.

Oracle FLEXCUBE Universal Installer	
Oracle Banking Installer	
Property Installation Current screen Displays the status of the object loaded.	
2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwProps: 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.InstallerFrame: classRetrive C 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwMDBProps: 2017-11-16T11:09:33,184 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. NextButtonAdtic 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. NextButtonAdtic 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. In invoke : Obj 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller. In invoke : Obj 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. In invoke : After 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.Frame: classRetrive C 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller.Frame: classRetrive C 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller.Frame: classRetrive C 2017-11-16T11:10:33,505 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive C	process deleting the Clas: for load of Next screen : Gw omes with : com.ofss.insta er : com.ofss.installer.gate load()>Gateway MDB lel: Obj already exist for Cla onPerformed>Next action for process of current scree already exist for ClassNam process()>Gateway MDB process deleting the Class for load of Next screen : pro omes with : com.ofss.insta
Property File Logger File Please continue to go to other Gateway application	Save
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 Log	Back Next

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

The installer displays the 'Multi Entity' screen



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

Click 'Next'. The following screen is displayed:



Solution of the second	ller	
Oracle Banking Ir	nstaller	
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 POSS 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 '/'. 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 '*l*' at the end. You need to manually create the folder structure.



1-27

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.



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 D	0] com.ofss.installer.FcubsInstaller: In im 0] com.ofss.installer.FcubsInstaller: Scre 0] com.ofss.installer.InstallerFrame: clas 0] com.ofss.installer.InstallerFrame: retu 0] com.ofss.installer.FcubsInstaller: In SC 0] com.ofss.installer.FcubsInstaller: Next 0] com.ofss.installer.FcubsInstaller: Scre 0] com.ofss.installer.FcubsInstaller: In im 0] com.ofss.installer.FcubsInstaller: In im 0] com.ofss.installer.FcubsInstaller: In im 0] com.ofss.installer.FcubsInstaller: In im 0] com.ofss.installer.FcubsInstaller: Scre 0] com.ofss.installer.FcubsInstaller.FcubsInstaller: Scre 0] com.ofss.installer.FcubsInstaller.Scre 0] com.ofss.installer.FcubsInstaller.FcubsInstaller: Scre 0] com.ofss.installer.FcubsInstaller.FcubsInstaller.For 0] com.ofss.installer.FcubsInstaller.FcubsInstaller.For 0] com.ofss.installer.FcubsInstaller.FcubsInstaller.For 0] com.ofss.installer.FcubsInstaller.FcubsInstaller.For 0] com.ofss.FcubsInstaller.FcubsInstaller.FcubsInstaller.FcubsInstaller.For 0] com.ofss.FcubsInstaller.FcubsInstaller.FcubsInstaller.FcubsInstaller.FcubsInstaller.FcubsInstaller.FcubsInstaller.FcubsInstaller.FcubsInstaller.FcubsInstaller.FcubsInstaller.FcubsInstaller.FcubsInstaller.FcubsInstaller.FcubsInstaller.FcubsInstaller.FcubsInstaller.FcubsInstaller.FcubsInstaller.F	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 stShowPanel: 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

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)	INSTALLER
Exit	Back Next

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

The installer displays the 'Multi Entity' screen.



S Oracle FLEXCUBE Universal Installer		
Oracle Banking Installer		
Multi Entity Names		
Provide Entity Names		
MultiEntity Required		1 A A
S.No 1	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		
Oracle Banking Insta	aller	ORACLE INSTALLER
Property File Creation Current screen provides an option fo	r Enabling Single Sign on	
SSO Required		
SSO KEY	DN	
Authentication details maintained ext	ernal to FLEXCUBE	
External User Login Required		
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 again sign-off is the property whereby a single action of signing out terminates is.This screen provides an option for External Authentication. If External the all options unchecked and Click on Next. ser can login with MSAD/LDAP user ID as well as FCUBS user ID. ser can login with MSAD/LDAP server password only. The user ID can be UBS user ID. the type of external server used for authentication.	
Exit Log	Back	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.



S 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	Vext	

External Password Required

Check this box to allow user login using MSAD/LDAP password irrespective of the user Id.

If you check this box, the user can login using MSAD/LDAP server password only. The user ld can be one of the following:

- MSAD/LDAP user Id
- 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	ACLE
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.



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

Gracle FLEXCUBE Universal Insta	ller	
Oracle Banking Ir	ustaller	
Property File Creation		
Current screen provides an op	tion for modifying the Gateway Properties	
XSD Path	/Kernel11.1/GW_WS/XSD/	
Logger File	/Kernel11.1/GW_WS/config/gw_ws_logger.properties	
Debug Path	/Kernel11.1/GW_WS/log/	
Security Key for Encryption	oraclefinancialsolutions	
SMS Pool Name	jdbc/fcjdevDSSMS	
DataSource	FLEXTEST.WORLD	
	POSS DataSource OPSS CSF Available	
POSS DataSource	POSSTEST.WORLD	
Distributed Schema	No 💌	
MSG IN log Required	No 💌 MSG OUT log Required No 💌	
Exit Log		Back Next

8. Specify the following details.

XSD Path

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

E.g.:

For Windows: D:\Kernel11.1\GW_WS\XSD\

For Linux: /Kernel11.1/GW_WS/XSD/



Logger File

Specify the path to the 'gw_ws_logger.properties' file with the file name. The file must be manually copied to the specified location.

E.g.:

For windows: D:\Kernel11.1\GW_WS\config\gw_ws_logger.properties

For Linux: /Kernel11.1/GW_WS/config/gw_ws_logger.properties

Debug Path

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

E.g.:

For windows: D:\Kernel11.1\GW_WS\log\

For Linux: /Kernel11.1/GW_WS/log/

Security Key for Encryption

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

SMS Pool Name

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

DataSource

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

POSS Datasource

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

OPSS Available

Indicate whether OPSS-CSF is installed or not.

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

Distributed Schema

If the schema is distributed, select 'Yes'.

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



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:

🐁 Oracle	FLEXCUBE Universal Installer 12.5.0.0.0			
Ora	acle Banking Installer			
	erty File Creation - OFTW n for OFTW Details configuration for Gateway	replay		
No.	Name		Value	
1	OFTW Recording Type	REMOTE		1
2	OFTW User	infra		
3	OFTW Password	•••••		
4	OFTW Provider URL	mail/FCU	JBSMail	
S.No	Name		Value	
S.No	Name		Value	
1	FCUBSAccService Url		http://10.10.10.10:1111	
	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	
Oracle Banking Installer	
Property File Creation Specify the EJB Application Name	
EJB Application Name GWEJB	
Please remember the EJB Application name , the same name has to be used while deploying the EJB.	
	-
Exit Log Back	Next

10. Specify the following details:

🛓 Ora	cle FLEXCUBE Universal Inst	aller		X
0	racle Banking I	nstaller		
	teway Property File Creation rrent screen provides an op	on tion 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		-	
	Applic	ation Type INTEGRATED -		
	Application Type INTEGRATED Application type can later be edited in env.properties			
Ар	plication type can later be	ealted 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.

^{III} 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.



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] 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] 2017-11-16T11:09:33,184 DEBUG [AWT-EventQueue-0] 2017-11-16T11:09:33,189 DEBUG [AWT-EventQueue-0] 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0]	com.ofss.installer.FcubsInstaller.1 com.ofss.installer.FcubsInstaller. com.ofss.installer.InstallerFrame: com.ofss.installer.InstallerFrame: com.ofss.installer.Fcubs.gateway.C com.ofss.installer.FcubsInstaller.1 com.ofss.installer.FcubsInstaller.2 com.ofss.installer.FcubsInstaller.1 com.ofss.installer.FcubsInstaller.1 com.ofss.installer.FcubsInstaller.1 com.ofss.installer.FcubsInstaller.1 com.ofss.installer.FcubsInstaller.1 com.ofss.installer.FcubsInstaller.1 com.ofss.installer.FcubsInstaller.1	n invoke : After process of Screen Name for load of classRetrive Comes with return with Order : com.o SWMDBProps: load()>G n SetShowPanel: Obj alr NextButtonActionPerform Screen Name for process in invoke : Obj already exi SWMDBProps: process()- n invoke : After process Screen Name for load of classRetrive Comes with	teleting the Clas: Next screen : Gw 1 : com.ofss.insta fss.installer gate ateway MDB eady exist for Cla ed>Next action s of current scree st for ClassNam ->Gateway MDB Jeleting the Clas: Next screen : pro 1 : 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.

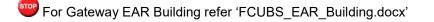
to

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.

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

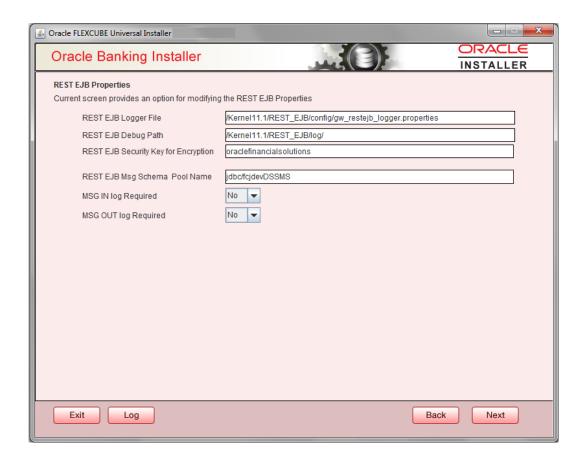
 Click 'Next'. The following screen is displayed to capture Schema details. Enter valid username, password, IP Address, port and TNS descriptor and click on "Test Connection" button.



S Oracle FLEXCUBE Universal Installer 1	2.5.0.0.0		
Oracle Banking Insta	aller		
SMS Schema Details			
Name	Value		
Username	installer	A	
Password	•••••		
Service Name	testdb		
IP Address	10.10.10.10		
Port	1521		
TNS Connect Descriptor	testdb	Tes	t Connection
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	ng 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/RESTService	es/log/		
REST Services Security Key for	r Encryption	oraclefinancialsolutions			
REST Services Msg Schema F	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.Wl	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
Property Installation Current screen Displays the status of the object loaded.
2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwProps: process()>XSD_PATH =/Keme 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After process deleting the Class 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Comes with : com.ofss.instal 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwMDBProps: load()>Gateway MDB 2017-11-16T11:09:33,168 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In SetShowPanel: Obj already exist for Cla 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: NextButtonActionPerformed>Next action 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: 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: Obj already exist for ClassNam 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: Screen Name for process of eleting the Class 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: Screen Name for load of Next screen : pro 2017-11-16T11:10:33,489 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: Screen Name for load of Next screen : pro 2017-11-16T11:10:33,489 DEBUG [AWT-EventQue
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 [February] [2022] Version 14.5.4.0.0

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