Gateway Property File Creation Oracle Banking Payments Release 14.7.4.0.0 [June 2024]





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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) and 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

Ovade FLEXCUBE Univ	rersal Installer 142.0.0.0		here in the second s
Oracle Bank	ing Installer	}	INSTALLER
Welcome To Oracle Un	iversal Banking Installer		
Prerequisites			
Oracle Datab JDK should t	ase should be installed. be installed.		
Please specify the JDK	and Oracle Home path.		
JDK Path	C:/Program Files/Java)dk1.8.0_211	Browse	
Oracle Home Path	D:/app/client/SHEK/product/18.0.0/client_1	Browse	
Configuration Mode	Normal		
Please select any one o Property File creation Utilities	of the below options:		
Exit	9	Back	Next



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

Oracle FLEXCUBE Universal Installer	420.0.0	The other Designation of the local division of the local divisione	and the owner of the owner of the	
Oracle Banking Insta	aller			
Select one of the Components				Browse
○ INFRA ○ Scheduler ⑧ G Select Oracle Product Processors	iateway 🕓 Swi	tch Interface Installation		
Oracle FLEXCUBE Universal Bank	ing			
Oracle FLEXCUBE Enterprise Lim Oracle Banking Payments	its and Collateral Mar	agement (CO-DEPLOY)		
🔄 Oracle Banking Corporate Lendir	ig 🔄 Open Devi	elopment Tool		
Oracle Banking Treasury Oracle Banking Trade Finance		Oracle FLEXCUBE Universal Bar	iking for JAPAN	
select Plugins to be Installed				
Branch Centralized 👻	Load Existing Branc	h Property File		
Host Address 10.10.10.10	0 🔲 BPEL	Scheduler	-	
Reports [10.10.10.10][101	OFTW	FGL	SIANET Adapter	
DMS [10101010][101	0 Insulation	ELCM Adapter required		
Exit Log			Back	Next

3. Enter the Required details in the Screen.

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



Soracle FLEXCUBE Universal Installer	14.1.0.0.0	
Oracle Banking Ins	taller	
Provide Environment details.		
EAR Name FCUBS		
File Seperator Style Linux	•	
Application Server Weblogic	•	
Application Server Path	D:/oracle/wls12210/wlserver	Browse
Source Path	D:/14.10sdc/Oracle_Banking_Payments_14.1.0.0.0	Browse
Ear Destination Path	D:/14.10sdc/Oracle_Banking_Payments_14.1.0.0.0	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.



S Oracle FLEXCUBE Universal Installer 14.1.0.0.0	
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

Before proceeding, ensure that the folder structures used in the following steps are created.

1. Click 'Next'. The following screen is displayed: The installer displays the 'Multi Entity' screen.



S Oracle FLEXCUBE Universal Installer 14.1.0.0.0		
Oracle Banking Installer		
Multi Entity Names		
Provide Entity Names		
MultiEntity Required		· • · · · ·
S.No	Entity Name	
1ENTITY1		
Exit Log		Back Next

MultiEntity Required

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

After selected the multi entity option '+', '-'buttons will be enabling for capturing the entity Name

+ Button:

New row will be added for capturing new entity name.

- Button:

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

Entity Name:

Enter the entity name as single word For example: ENTITY1



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

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

3. 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.



1. 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 Payments user Id. If you do not check this box, the user can login using Payments user Id only.

Soracle FLEXCUBE Universal Installer 14.1.0.0.0	X
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 P 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
- Payments 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 14.1.0.0.0	- • ×
Oracle Banking Installer	RACLE STALLER
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.	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

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



ے (🚳 Oracle FLEXCUBE Universal Installer 14.1.0.0.0				
	Ora	cle Banking Instal	ller ORACLO	_	
		rty File Creation Server Details for Gateway			
	1.000				
	No.	Name	Value		
		LDAP SERVER URL	LDAP://10.10.10:111		
		LDAP SSL ENABLED			
		SECURITY AUTHENTICATIO			
		DOMAIN NAME	I-FLEX.COM		
	5	LDAP SERVER TIMEOUT	0		
	Exit Log Back Next				

10. 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.

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

Soracle FLEXCUBE Universal Insta	ller 14.1.0.0.0	
Oracle Banking Ir	ustaller	
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	oraclefinancials	
SMS Pool Name	jdbc/fcjdevDS	
DataSource	jdbc/fcjdevDS	
	POSS DataSource OPSS CSF Available	
POSS DataSource	POSSTEST.WORLD	
Distributed Schema	No 🔻	
MSG IN log Required	No MSG OUT log Required No	
Exit Log		Back Next



12. Specify the following details.

XSD Path

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

E.g.:

For Windows: D:\Kernel11.1\GW_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/

13. Click 'Next'.

The Installer creates two files viz. 'gw_ejb_logger.properties' and 'GW_EJB_Prop.propeties' in the path provided to save the files.



🖆 Oracle FLEXCUBE Universal Installer 14.1.0.0.0				
Oracle Banking Ir	nstaller			
Property File Creation				
Current screen provides an op	tion for modifying the Gateway Properties			
XSD Path	/Kernel11.1/GW_EJB/XSD/			
Logger File	/Kernel11.1/GW_EJB/config/gw_ejb_logger.properties			
Debug Path	/Kernel11.1/GW_EJB/log/			
Security Key for Encryption	oraclefinancials			
SMS Pool Name	jdbc/fcjdevDS			
DataSource	jdbc/fcjdevDS			
	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		

14. Specify the following details:

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.

Prease 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'.

Security Key for Encryption

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

RTT 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

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



🔊 Oracle FLEXCUBE Universal Installer 14.1.0.0.0
Oracle Banking Installer
Property Installation Current screen Displays the status of the object loaded.
2018-06-06T15:54:51,838 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : After process deleting the Class 2018-06-06T15:54:51,838 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: Screen Name for load of Next screen : Gw 2018-06-06T15:54:51,838 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: classRetrive Comes with : com.ofss.installer.gate 2018-06-06T15:54:51,838 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerFrame: return with Order : com.ofss.installer.gate 2018-06-06T15:54:51,838 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwProps: load()>Gateway Properties are 2018-06-06T15:54:51,838 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In SetShowPanel: Obj already exist for Cla 2018-06-06T15:55:33,497 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: NextButtonActionPerformed>Next action 2018-06-06T15:55:33,497 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : Obj already exist for ClassNam 2018-06-06T15:55:33,497 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsInstaller: In invoke : Obj already exist for ClassNam 2018-06-06T15:55:33,497 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwProps: process()> setting next screer 2018-06-06T15:55:33,512 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.gateway.GwProps: process()> setting the Class 2018-06-06T15:55:33,512 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.staller. In invoke : After process deleting the Class 2018-06-06T15:55:33,512 DEBUG [AWT-EventQueue-0] com.ofss.installer.fstaller.Frame: classRetrive Comes with : com.ofss.installer.gate 2018-06-06T15:55:33,51
Property File Logger File Save
Please press continue to go to other Gateway applicatio Continue>
Exit Log Back Next

The property file will be created in a temporary folder.

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

1.2.2 Gateway MDB Application

Follow the steps given below:

1. Start Oracle Universal Banking Solution Installer. Select 'Gateway' and click 'Next'. Following screen is displayed.



🛃 Oracle FLEXCUBE Universal Installer 14.2.0.0.0				
Oracle Bank	ing Installer			
Provide Environment de	tails.			
EAR Name F	CUBS			
Context Name F	CJNeoWeb			
File Seperator Style	inux 🗸			
Application Server	Veblogic 🗸 🗸			
Application Server Path	D:/oracle/wls12210/wlserver	Browse		
Source Path	D:/14.10sdc/14.2.0.0.0/OB_PAYMENTS_14.2.0.0.0_GA_OUT	Browse		
Ear Destination Path	D:/14.10sdc/14.2.0.0.0/OB_PAYMENTS_14.2.0.0.0_GA_OUT	Browse		
Exit	og	Back Next		

2. Enter the Required details in the Screen. Specify the EAR name, valid Application Server Path, Source and EAR destination path and click 'Next' button



S Oracle FLEXCUBE Universal Installer 14.1.0.0.0	
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

3. Select 'Gateway MDB' to create configuration files for the application.

4. Click 'Next'. The following screen is displayed: The installer displays the 'Multi Entity' screen.



S Oracle FLEXCUBE Universal Installer 14.1.0.0.0	
Oracle Banking Installer	
Multi Entity Names	
Provide Entity Names	
MultiEntity Required	1 · · · · · · · · · · · · · · · · · · ·
S.No Entity Na	ame
Exit Log	Back

MultiEntity Required

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

After selected the multi entity option '+', '-'buttons will be enabling for capturing the entity Name

+ Button:

New row will be added for capturing new entity name.

- Button:

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

Entity Name:

Enter the entity name as single word For example: ENTITY1

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



Oracle FLEXCUBE Universal Installer 14.1.0.0.0	X
Uracle Banking Installer	ORACLE INSTALLER
Property File Creation Current screen provides an option for Enabling Single Sign on SSO Required SSO KEY	
Authentication details maintained external to FLEXCUBE External Password Required Authentication Type MSAD = External User Login Required	
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

6. 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 Payments 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 14.1.0.0.0
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
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 Payments user ID. If you do not check this, the user can login using Payments user ID only.

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



🛃 Oracle FLEXCUBE Universal Installer 14.1.0.0.0
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 LDAP External User Login Required
With this property a user logs in once and gains access to all systems without being prompted to log in again at each of them. Conversely, Single sign-off is the property whereby a single action of signing out terminates access to multiple software systems. This screen provides an option for External Authentication. If External Authentication is not required, keep the all options unchecked and Click on Next. MSAD/LDAP User Login Required: User can login with MSAD/LDAP user ID as well as FCUBS user ID. External Password Required: The user can login with MSAD/LDAP server password only. The user ID can be
either the MSAD/LDAP user ID or FCUBS user ID. Authentication Type: LDAP/MSAD is the type of external server used for authentication.
Exit Log Back Next

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

Authentication Type

STOP

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.

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



🚳 Oracle FLEXCUBE Universal Installer 14.1.0.0.0					
Ora	Oracle Banking Installer				
	Property File Creation LDAP Server Details for Gateway				
No.	Name	Value			
1	LDAP SERVER URL	LDAP://10.10.10.10:111	_		
2	LDAP SSL ENABLED				
3	SECURITY AUTHENTICATIO	Simple	=		
4	DOMAIN NAME	I-FLEX.COM			
5	LDAP SERVER TIMEOUT	0	-		
E	Exit		J	Back Next	

8. 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.

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

🙆 Oracle FLEXCUBE Universal Installer 14.1.0.0.0				
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	oraclefinancials			
SMS Pool Name	jdbc/fcjdevDS			
DataSource	jdbc/fcjdevDS			
	POSS DataSource OPSS CSF Available			
POSS DataSource	POSSTEST.WORLD			
Distributed Schema	No 🔽			
MSG IN log Required	No 👻 MSG OUT log Required No 👻			
Exit Log		Back Next		

12. Specify the following details.

XSD Path

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



E.g.:

For Windows: D:\Kernel11.1\GW_MDB\XSD\ For Linux: /Kernel11.1/GW_MDB/XSD/

Logger File

Specify the path to the 'gw_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_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/ Click 'Next'.

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



Oracle FLEXCUBE Universal Installer 14.1.0.0.0				
Oracle Banking Installer				
Property File Creation Current screen provides an op	tion for modifying the Gateway Properties			
XSD Path	/Kernel11.1/GW_MDB/XSD/			
Logger File	Kernel11.1/GW_MDB/config/gw_mdb_logger.properties			
Debug Path	/Kernel11.1/GW_MDB/log/			
Security Key for Encryption	oraclefinancials			
SMS Pool Name	jdbc/fcjdevDS			
DataSource	jdbc/fcjdevDS			
	POSS DataSource OPSS CSF Available			
POSS DataSource				
Distributed Schema	No 🔽			
MSG IN log Required	No - MSG OUT log Required No -			
Exit Log		Back Next		

13. Specify the following details:

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_ejb_logger.properties' and 'GW_EJB_Prop.properties' in the path provided to save the files.

Security Key for Encryption

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

Click 'Next'. The following screen is displayed.

Oracle	FLEXCUBE Universal Installe	r 14. 1 .0.0.0	-	
Oracle Banking Installer				
Gateway Property File Creation Current screen provides an option for modifying MDB Properties				
No.		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		•	
	Exit Log			Back Next

15. Specify the following details:

Connection Factory

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

E.g.: MDBQCF.

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

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.

G Oracle FLEXCUBE Universal Installer 14.1.0.0.0	- C X
Oracle Banking Installer	
Property Installation Current screen Displays the status of the object loaded.	
2018-06-06T16:03:19,165 DEBUG [AWT-EventQueue-0] com ofss installer fcubs gateway GwProps: process ()>XSD_PATH 2018-06-06T16:03:19,165 DEBUG [AWT-EventQueue-0] com ofss installer Fcubsinstaller: Streen Name for load of Next sore 2018-06-06T16:03:19,165 DEBUG [AWT-EventQueue-0] com ofss installer.InstallerFrame: classRetrive Comes with 2018-06-06T16:03:19,165 DEBUG [AWT-EventQueue-0] com ofss installer.FcubsInstaller: NextButtonActionPerformedNex 2018-06-06T16:03:20,462 DEBUG [AWT-EventQueue-0] com ofss installer.FcubsInstaller: NextButtonActionPerformedNex 2018-06-06T16:03:20,462 DEBUG [AWT-EventQueue-0] com ofss installer.FcubsInstaller: NextButtonActionPerformedNex 2018-06-06T16:03:20,462 DEBUG [AWT-EventQueue-0] com ofss installer.FcubsInstaller: Streen Name for process of curre 2018-06-06T16:03:20,462 DEBUG [AWT-EventQueue-0] com ofss installer.FcubsInstaller: In invoke : 0bj already exist for Cla 2018-06-06T16:03:20,462 DEBUG [AWT-EventQueue-0] com ofss installer.FcubsInstaller.In invoke : 0bj already exist for Cla 2018-06-06T16:03:20,462 DEBUG [AWT-EventQueue-0] com ofss installer.FcubsInstaller.In invoke : After process deleting the 2018-06-06T16:03:20,462 DEBUG [AWT-EventQueue-0] com ofss installer.FcubsInstaller.In invoke : After process deleting the 2018-06-06T16:03:20,462 DEBUG [AWT-EventQueue-0] com ofss installer.FcubsInstaller.In invoke : After process deleting the 2018-06-06T16:03:20,462 DEBUG [AWT-EventQueue-0] com ofss installer.FcubsInstaller.In invoke : After process deleting the 2018-06-06T16:03:20,462 DEBUG [AWT-EventQueue-0] com ofss installer.FcubsInstal	he Clast een : Gw fss.insta Iler.gate IDB st for Cla st for Cla st action int scree assNam ay MDB he Class een : pro fss.insta
Property File Logger File Please press continue to go to other Gateway applicatio Con	Save tinue≻
Exit Log Back	Vext

The property file will be created in a temporary folder.

16. Click 'Property File' to view the created property file.

- 17. Click 'Save' to the save the created property file in desire location.
- 18. Click 'Continue' to continue the installation process with gateway application type.
- 19. Click 'Next' to navigate to the installer home screen.

1.2.3 Gateway HTTP Servlet Application

Follow the steps given below:

1. Start Oracle Universal Banking Solution Installer. Select 'Gateway' and click 'Next'.

Following screen is displayed.



Gracle FLEXCUBE Universal Installer 1	4.2.0.0.0	
Oracle Banking Inst	aller	
Provide Environment details.		
EAR Name FCUBS		
Context Name FCJNeoWeb		
File Seperator Style Linux	•	
Application Server Weblogic	•	
Application Server Path	D:/oracle/wis12210/wiserver	Browse
Source Path	D:/14.10sdc/14.2.0.0.0/OB_PAYMENTS_14.2.0.0.0_GA_OUT	Browse
Ear Destination Path	D:/14.10sdc/14.2.0.0.0/OB_PAYMENTS_14.2.0.0.0_GA_OUT	Browse
		Deals Neut
Exit Log		Back Next

- 2. Specify the EAR name, valid Application Server Path, Source and EAR destination path and click 'Next' button..
- 3. Select 'Gateway Http Servlet' to create configuration files for the application, and click 'Next'.



Gracle FLEXCUBE Universal Installer 14.1.0.0.0	
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

4. Click 'Next'. The following screen is displayed: The installer displays the 'Multi Entity' screen.

S Oracle FLEXCUBE Universal Installer 14.1.0.0.0		
Oracle Banking Installer		
Multi Entity Names		
Provide Entity Names		
MultiEntity Required		
S.No	Entity Name	
1 ENTITY		
Exit Log		Back Next



MultiEntity Required

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

After selected the multi entity option '+', '-'buttons will be enabling for capturing the entity Name

+ Button:

New row will be added for capturing new entity name.

- Button:

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

Entity Name:

Enter the entity name as single word For example: ENTITY1

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

🙆 Oracle FLEXCUBE Universal Insta	Oracle FLEXCUBE Universal Installer 14.1.0.0					
Oracle Banking Ir	ustaller					
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	oraclefinancials					
SMS Pool Name	jdbc/fcjdevDS					
DataSource	jdbc/fcjdevDS					
	POSS DataSource OPSS CSF Available					
POSS DataSource	POSSTEST.WORLD					
Distributed Schema	No 🔽					
MSG IN log Required	No 🔻 MSG OUT log Required No 🔫					
Exit		Back Next				

6. Specify the following details.



XSD Path

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

E.g.:

For Windows: D:\Kernel11.1\GW_HTTP\XSD\ For Linux:

/Kernel11.1/GW_HTTP/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_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.

E.g.: For windows: D:\Kernel11.1\GW_HTTP\log\ For Linux: /Kernel11.1/GW_HTTP/log/

7. Click 'Next'.

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



Soracle FLEXCUBE Universal Insta	ller 14.1.0.0.0	
Oracle Banking Ir	istaller	
Property File Creation		
Current screen provides an op	tion for modifying the Gateway Properties	
XSD Path	/Kernel11.1/GW_HTTP/XSD/	
Logger File	Kernel11.1/GW_HTTP/config/gw_http_logger.properties	
Debug Path	/Kernel11.1/GW_HTTP/log/	
Security Key for Encryption	oraclefinancials	
SMS Pool Name	jdbc/fcjdevDS	
DataSource	jdbc/fcjdevDS	
	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:

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_ejb_logger.properties' and 'GW_EJB_Prop.properties' in the path provided to save the files.

Security Key for Encryption

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

RTT plugin Required

Chose the check box if rtt plugin is required

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.

Property Installatio	1				
Current screen Display	s the status of the object	loaded.			
2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07:	3,313 DEBUG (AWT-E 3,313 DEBUG (AWT-E 3,313 DEBUG (AWT-E 3,313 DEBUG (AWT-E 3,313 DEBUG (AWT-E 3,313 DEBUG (AWT-E	ventQueue-0] com.ofs ventQueue-0] com.ofs ventQueue-0] com.ofs ventQueue-0] com.ofs ventQueue-0] com.ofs ventQueue-0] com.ofs	s.installer FcubsInstaller: s.installer FcubsInstaller s.installer InstallerFrame: s.installer InstallerFrame: s.installer FcubsInstaller: s.installer FcubsInstaller:	Screen Name for loc classRetrive Come return with Order : c GwProps: load()>G In SetShowPanel: O NextButtonActionPe	ad of Next screen : Gw s with : com.ofss.insta com.ofss.installer.gate Sateway Properties are bj already exist for Cla rformed>Next action
2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07:	4,866 DEBUG [AWT-E 4,866 DEBUG [AWT-E 4,866 DEBUG [AWT-E 4,882 DEBUG [AWT-E 4,882 DEBUG [AWT-E 4,882 DEBUG [AWT-E 4,882 DEBUG [AWT-E	ventQueue-0] com.ofs ventQueue-0] com.ofs ventQueue-0] com.ofs ventQueue-0] com.ofs ventQueue-0] com.ofs ventQueue-0] com.ofs	s.instalier, Fcubsinstalier, s.instalier, Fcubs.gateway, (s.instalier, fcubs.gateway, (s.instalier, fcubs.gateway, (s.instalier, Fcubsinstalier, s.instalier, Fcubsinstalier, s.instalier, fcubsinstalier, s.instalier, finstalier, frame;	In invoke : Obj alrea GwProps: process() GwProps: process() In invoke : After proc Screen Name for lo classRetrive Come	dy exist for ClassNam > setting next screer >XSD_PATH =/Kerne cess deleting the Clas: ad of Next screen : pro s with : com.ofss.insta
2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07:	4,866 DEBUG [AWT-E 4,866 DEBUG [AWT-E 4,866 DEBUG [AWT-E 4,882 DEBUG [AWT-E 4,882 DEBUG [AWT-E 4,882 DEBUG [AWT-E 4,882 DEBUG [AWT-E	ventQueue-0] com.ofs ventQueue-0] com.ofs ventQueue-0] com.ofs ventQueue-0] com.ofs ventQueue-0] com.ofs ventQueue-0] com.ofs	s.installer.FcubsInstaller: s.installer.fcubs.gateway.(s.installer.fcubs.gateway.(s.installer.FcubsInstaller: s.installer.FcubsInstaller: s.installer.InstallerFrame:	In invoke : Obj alrea GwProps: process() GwProps: process() In invoke : After proc Screen Name for lo classRetrive Come	dy exist for ClassNam > setting next screer >XSD_PATH =/Kerne cess deleting the Clas: ad of Next screen : pro s with : com.ofss.insta
2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07:	44,866 DEBUG (AWT-E 44,866 DEBUG (AWT-E 44,866 DEBUG (AWT-E 44,882 DEBUG (AWT-E 44,882 DEBUG (AWT-E 44,882 DEBUG (AWT-E 44,882 DEBUG (AWT-E 44,882 DEBUG (AWT-E	ventQueue-0] com.ofs ventQueue-0] com.ofs ventQueue-0] com.ofs ventQueue-0] com.ofs ventQueue-0] com.ofs ventQueue-0] com.ofs	s.installer.FcubsInstaller: s.installer.fcubs.gateway.(s.installer.fcubs.gateway.(s.installer.FcubsInstaller: s.installer.FcubsInstaller: s.installer.InstallerFrame:	In invoke : Obj alrea GwProps: process() GwProps: process() In invoke : After proc Screen Name for lo classRetrive Come	dy exist for ClassNam > setting next screer >XSD_PATH =/Kerre ress deleting the Class ad of Next screen : pro s with : com.ofss.installer.gate
2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 4	44,866 DEBUG [AWT-E 44,866 DEBUG [AWT-E 44,866 DEBUG [AWT-E 44,882 DEBUG [AWT-E 44,882 DEBUG [AWT-E 44,882 DEBUG [AWT-E 44,882 DEBUG [AWT-E 44,882 DEBUG [AWT-E	ventQueue-0; com ofs ventQueue-0; com ofs ventQueue-0; com ofs ventQueue-0; com ofs ventQueue-0; com ofs ventQueue-0; com ofs ventQueue-0; com ofs	s.installer.FcubsInstaller: s.installer.fcubs.gateway.(s.installer.fcubs.gateway.(s.installer.FcubsInstaller: s.installer.FcubsInstaller: s.installer.InstallerFrame:	In invoke : Obj alråa GwProps: process() GwProps: process() In invoke : After proc Screen Name for lo classRetrive Come return with Order : c	dy exist for ClassNam → setting next screet → XSD_PATH =/Kerné ress deleting the Clasi ad of Next screen : pro s with : com.ofss.insta rom.ofss.installer.gate Save
2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 2018-06-06T16:07: 4	44,866 DEBUG [AWT-E 44,866 DEBUG [AWT-E 44,866 DEBUG [AWT-E 44,882 DEBUG [AWT-E 44,882 DEBUG [AWT-E 44,882 DEBUG [AWT-E 44,882 DEBUG [AWT-E 44,882 DEBUG [AWT-E	ventQueue-0; com ofs ventQueue-0; com ofs ventQueue-0; com ofs ventQueue-0; com ofs ventQueue-0; com ofs ventQueue-0; com ofs ventQueue-0; com ofs	s installer Foubsinstaller, s installer foubs, gateway, (s s installer foubs, gateway, (s s installer, Foubsinstaller, s installer, Foubsinstaller, s installer, installer, Frame; s installer, installer, Frame;	In invoke : Obj alråa GwProps: process() GwProps: process() In invoke : After proc Screen Name for lo classRetrive Come return with Order : c	dy exist for ClassNam → setting next screet → XSD_PATH =/Kerné tess deleting the Clasi ad of Next screen : pro s with : com.ofss.insta tom.ofss.installer.gate Save

The property file will be created in a temporary folder.

- 9. Click 'Property File' to view the created property file.
- 10. Click 'Save' to the save the created property file in desire location.
- 11. Click 'Continue' to continue the installation process with gateway application type.
- 12. 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. Start Oracle Universal Banking Solution Installer. Select 'Gateway' and click 'Next'.

Soracle FLEXCUBE Universal Installer 1	4.2.0.0.0	
Oracle Banking Insta	aller	
Provide Environment details.		
EAR Name FCUBS		
Context Name FCJNeoWeb		
File Seperator Style Linux	×	
Application Server Weblogic	•	
Application Server Path	D:/oracle/wls12210/wlserver	Browse
Source Path	D:/14.10sdc/14.2.0.0.0/OB_PAYMENTS_14.2.0.0.0_GA_OUT	Browse
Ear Destination Path	D:/14.10sdc/14.2.0.0.0/OB_PAYMENTS_14.2.0.0.0_GA_OUT	Browse
Exit Log		Back Next

- 2. Specify the EAR name, valid Application Server Path, Source and EAR destination path and click 'Next' button.
- 3. Select 'Gateway WebServices' to create configuration files for the application. Click 'Next'. The following screen is displayed.



🗿 Oracle FLEXCUBE Universal Installer 14.1.0.0.0	
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

4. Click 'Next'. The following screen is displayed: The installer displays the 'Multi Entity' screen.



S Oracle FLEXCUBE Universal Installer 14.1.0.0.0		
Oracle Banking Installer		ORACLE INSTALLER
Multi Entity Names		
Provide Entity Names		
MultiEntity Required	+	-
S.No Entit	/ Name	
Exit Log	Back	Next

MultiEntity Required

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

After selected the multi entity option '+', '-'buttons will be enabling for capturing the entity Name

+ Button:

New row will be added for capturing new entity name.

- Button:

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

Entity Name:

Enter the entity name as single word For example: ENTITY1

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



Soracle FLEXCUBE Universal Installer 14.1.0.0.0	x
Oracle Banking Installer	TALLER
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 IIISAD V External User Login Required	
With this property a user logs in once and gains access to all systems without being prompted to log in again at each of them. Conversely, Single sign-off is the property whereby a single action of signing out terminates access to multiple software systems. This screen provides an option for External Authentication. If External Authentication is not required, keep the all options unchecked and Click on Next.	
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

6. 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.

1. 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 Payments



user Id.	lf vou	ı do not	check t	his box.	the user	can login	usina P	avments	user Id

S Oracle FLEXCUBE Universal Installer 14.1.0.0.0	
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 MSAD	
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.	<u> </u>
Exit Log Back	Next

only.

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
- Payments 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 14.1.0.0.0	x
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 MSAD External User Login Required	
With this property a user logs in once and gains access to all systems without being prompted to log in again at each of them. Conversely, Single sign-off is the property whereby a single action of signing out terminates access to multiple software systems. This screen provides an option for External Authentication. If External Authentication is not required, keep the all options unchecked and Click on Next. MSAD/LDAP User Login Required: User can login with MSAD/LDAP user ID as well as FCUBS user ID. External Password Required: The user can login with MSAD/LDAP server password only. The user ID can be either the MSAD/LDAP user ID or FCUBS user ID. Authentication Type: LDAP/MSAD is the type of external server used for authentication.	
Exit Log Back Next	

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

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



6 Oracle	FLEXCUBE Universal Installer 14.	1.0.0.0		
Ora	cle Banking Insta	ler		
	r ty 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		E	Back Next

4. 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.

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

🙆 Oracle FLEXCUBE Universal Insta	ler 14.1.0.0.0	
Oracle Banking Ir	istaller	
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	oraclefinancials	
SMS Pool Name	jdbc/fcjdevDS	
DataSource	idbc/fcjdevDS OPSS 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

6. Specify the following details.

XSD Path

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



E.g.:

For Windows: D:\Kernel11.1\GW_WS\XSD\ For Linux: /Kernel11.1/GW_WS/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_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 '/' 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/

7. Click 'Next'.

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

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'.



Security Key for Encryption

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

RTT 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

<u>ه</u>	Oracle FLEXCUBE Universal Installer 14.	1.0.0.0	
	Oracle Banking Insta	ller	
	Property File Creation		
	Specify the EJB Application Name		
	EJB Application Name	GWEJB	
	Please remember the EJB Application	on name , the same name has to be used while deploying the E.	IB.
	Exit Log		Back

14. Specify the following details:

EJB Application Name

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

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



🛃 C)rac	le FLEXCUBE Universal Inst	aller 14.1.0.0.0	
(0	racle Banking I	nstaller	
		eway Property File Creation rent screen provides an op	n 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		•
1	4pp	lication type can later be o	edited in env.properties	
		Exit Log		Back Next

16. Specify the following details:

EJB JNDI Name

If you build the EJB application with GWEJB name, this should be the name with which the EJB EAR file is built.

If you select EJB Call Type as REMOTE, this should be '<EJB_APPLICATION_NAME>#com.ofss.fcubs.gw.ejb.GWEJBRemote.

E.g.: <u>Weblogic/Websphere</u>: GWEJB #com.ofss.fcubs.gw.ejb.GWEJBRemote

If you build the EJB application with GWEJB name, this should be the name the EJB EAR file which is built.

Application Server URL

Specify the URL of the application server where the webservice application is hosted. E.g.:

<u>Weblogic:</u> <u>t3://10.10.10.10:7001</u> Or <u>Websphere:</u> <u>iiop://10.10.10.10:2815</u>

User Name

Specify the user name to access the application server where the EJB application

is deployed. E.g.: infra

Password

17. Specify the password for the above user name.



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

Oracle Ba	nking Install	er			
Property Installati	ON ays the status of the ob	ect loaded.			MOTALLER
2018-06-06T16:11 2018-06-06T16:11 2018-06-06T16:11 2018-06-06T16:11 2018-06-06T16:11 2018-06-06T16:11 2018-06-06T16:11 2018-06-06T16:11	101,423 DEBUG [AW 105,570 DEBUG [AW 105,570 DEBUG [AW 105,570 DEBUG [AW 107,256 DEBUG [AW 107,256 DEBUG [AW 109,799 DEBUG [AW 109,799 DEBUG [AW 109,799 DEBUG [AW 109,799 DEBUG [AW	-EventQueue-0] com -EventQueue-0] com -EventQueue-0] com -EventQueue-0] com -EventQueue-0] com -EventQueue-0] com -EventQueue-0] com -EventQueue-0] com -EventQueue-0] com	ofss.installer.fcubs.gatewa ofss.installer.Fcubsinstalle ofss.installer.Fcubsinstalle ofss.installer.Fcubsinstalle ofss.installer.Fcubsinstalle ofss.installer.fcubsgatewa ofss.installer.Fcubsinstalle ofss.installer.Fcubsinstalle ofss.installer.Fcubsinstalle ofss.installer.Fcubsinstalle ofss.installer.Fcubsinstalle	r: In SetShowPanei: Obj r: NextButtonActionPerfo r: Screen Name for proc r: In invoke : Obj already y.GwWebServices: proce r: In SetShowPanel: Obj r: NextButtonActionPerfo r: Screen Name for proc r: In invoke : Obj already	already exist for Cla rmed—>Next action ess of current scree exist for ClassNam already exist for Cla rmed—>Next action ess of current scree exist for ClassNam
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2018-06-06T16:11 2018-06-06T16:11 2018-06-06T16:11	:09,799 DEBUG (AW :09,799 DEBUG (AW :09,799 DEBUG (AW	-EventQueue-0] com -EventQueue-0] com -EventQueue-0] com	n.ofss.installer.Fcubsinstalle n.ofss.installer.Fcubsinstalle n.ofss.installer.InstallerFram	r. In invoke : After proces r: Screen Name for load e: classRetrive Comes v e; return with Order : con	s deleting the Class of Next screen : pro with : com.ofss.insta n.ofss.installer.gate
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Click 'Next'. The following screen is displayed.

The property file will be created in a temporary folder.

- 19. Click 'Property File' to view the created property file.
- 20. Click 'Save' to the save the created property file in desire location.
- 21. Click 'Continue' to continue the installation process with gateway application type.
- 22. Click 'Next' to navigate to the installer home screen. The property file will be

created in a temporary folder.

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

EJB_CTX_FACTORY=weblogic.jndi.WLInitialContextFactory to EJB_CTX_FACTORY=com.ibm.websphere.naming.WsnInitialContextFactory



ORACLE

Oracle Banking Payment Gateway Property File Creation [June] [2024] Version 14.7.4.0.0

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