Gateway Property File Creation Oracle Banking Payments Release 14.1.0.0.0 [May] [2018]

> ORACLE-FINANCIAL SERVICES

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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 Universal Banking Installer 1.0. Welcome screen is displayed.

🙆 Oracle FLEXCUBE Universal Insta	ller 14.1.0.0.0	
Oracle Banking Ir	nstaller	
Select one of the Components		
Load Existing Property File		Browse
O INFRA O Scheduler	Gateway Switch Interface Installation	
Select Oracle Product Processors	i	
Oracle FLEXCUBE Universal	Banking	
Oracle FLEXCUBE Enterprise	Limits and Collateral Management	~
Oracle Banking Payments		
Oracle Banking Corporate L	ending Open Development Tool	
Select Plugins to be Installed		
Branch	Load Existing Branch Property File	Browse
Host Address 10.10.10.10	1010 BPEL Scheduler	Embedded
Reports 10.10.10.10	1010 OFTW DFGL	SIANET Adapter
DMS 10.10.10.10	1010 Insulation ELCM Adapter required	
Exit Log		Back Next

2. Select 'Gateway' and click 'Next'.



1.2.1 Gateway EJB Application

The following screen is displayed:

Gracle FLEXCUBE Universal Installer 1	4.1.0.0.0	X
Oracle Banking Inst	aller	
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. Select the option 'Property File'. Specify the following details:

Operating System

Specify the operating system in which you are creating the property file. Select the appropriate one from the drop-down list.

Application Server

Specify the application server in which you are creating the property file. Select the appropriate one from the drop-down list.



2. Once you have specified the details, click 'Next' to continue. The following screen is displayed.

Soracle 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 EJB'.
- 4. Click 'Next'. The following screen is displayed.



🙆 Oracle FLEXCUBE Universal Insta	ller 14.1.0.0.0			
Oracle Banking Ir	nstaller			DRACLE INSTALLER
Select one of the Components				
Load Existing Property File				Browse
O INFRA O Scheduler	Gateway O Swit	tch Interface Installation		
Select Oracle Product Processors	3			
Oracle FLEXCUBE Universal	Banking			
Oracle FLEXCUBE Enterprise	Limits and Collateral Man	agement	•	
Oracle Banking Payments				
Oracle Banking Corporate L	ending 🗌 Open Deve	elopment Tool		
Select Plugins to be Installed				
Branch	Load Existing Branc	h Property File		Browse
Host Address 10.10.10.10	1010 BPEL	Scheduler	Standalone	
Reports 10.10.10.10	1010 OFTW	FGL	SIANET Adapter	
DMS 10.10.10.10	1010 Insulation	ELCM Adapter required		
Exit Log			Back	Next

5. Specify the following details:

Load Property File

If you are creating a new property file, leave the field blank. If you wish to modify an existing property file, you can manually specify the location of the property file.

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

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

The installer displays the 'Multi Entity' screen.



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

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



🔮 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	

8. 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	- • ×
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 N	ext

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.



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 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

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



🙆 Oracle FLEXCUBE Universal Installer 14.1.0.0.0				
Ora	acle Banking Instal	ler		
	erty File Creation 9 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

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	ler 14.1.0.0.0	
Oracle Banking In	staller	
Property File Creation Current screen provides an op	ion 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 '/. There must be a '/ at the end. All the relevant XSD files must be manually copied to this location.

E.g.:

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

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

Logger File

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

E.g.:

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

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

Debug Path

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

E.g.:

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

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

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 Insta	aller 14.1.0.0.0	x
Oracle Banking Ir	nstaller ORACL INSTALLE	E R
Property File Creation		
Current screen provides an op	ption 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	

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.

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-EventQu 2018-06-06T15:54:51,838 DEBUG [AWT-EventQu 2018-06-06T15:54:51,838 DEBUG [AWT-EventQu 2018-06-06T15:54:51,838 DEBUG [AWT-EventQu 2018-06-06T15:55:33,497 DEBUG [AWT-EventQu 2018-06-06T15:55:33,497 DEBUG [AWT-EventQu 2018-06-06T15:55:33,497 DEBUG [AWT-EventQu 2018-06-06T15:55:33,497 DEBUG [AWT-EventQu 2018-06-06T15:55:33,497 DEBUG [AWT-EventQu 2018-06-06T15:55:33,512 DEBUG [AWT-EventQu	ieue-0] com.ofss.installer.FcubsInstaller: In invoke : Af ieue-0] com.ofss.installer.FcubsInstaller: Screen Nam ieue-0] com.ofss.installer.InstallerFrame: classRetrive ieue-0] com.ofss.installer.InstallerFrame: return with (ieue-0] com.ofss.installer.FcubsInstaller: In SetShowF ieue-0] com.ofss.installer.FcubsInstaller: NextButtonA ieue-0] com.ofss.installer.FcubsInstaller: Screen Nam ieue-0] com.ofss.installer.FcubsInstaller: Screen Nam ieue-0] com.ofss.installer.FcubsInstaller: In invoke : O ieue-0] com.ofss.installer.FcubsInstaller: NextButtonA ieue-0] com.ofss.installer.FcubsInstaller: Screen Nam ieue-0] com.ofss.installer.FcubsInstaller: In invoke : O ieue-0] com.ofss.installer.FcubsInstaller: In invoke : Af ieue-0] com.ofss.installer.FcubsInstaller: In invoke : Af ieue-0] com.ofss.installer.FcubsInstaller: Screen Nam ieue-0] com.ofss.installer.FcubsInstaller: Screen Nam ieue-0] com.ofss.installer.FcubsInstaller: Screen Nam ieue-0] com.ofss.installer.FcubsInstaller: Screen Nam	he for load of Next screen : Gw e Comes with : com.ofss.insta Drder : com.ofss.installer.gate ad()>Gateway Properties are Panel: Obj already exist for Cla ctionPerformed>Next action he for process of current scree bj already exist for ClassNam ocess()> setting next screer ocess()> sting next screer ocess()> XSD_PATH =/Keme fter process deleting the Class he for load of Next screen : pro e Comes with : com.ofss.insta
Property File Logger File	Please press continue to go to other Gateway ap	Save pplicatio 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.



Source FLEXCUBE Universal Installer	14.1.0.0.0	
Oracle Banking Inst	aller	
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

- 2. Select the option 'Property File'.
- 3. Specify the following details:

Operating System

Specify the operating system in which you are creating the property file. Select the appropriate one from the drop-down list.

Application Server

Specify the application server in which you are creating the property file. Select the appropriate one from the drop-down list.

4. Click 'Next' and the following screen is displayed:



Sonacle 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

5. Select 'Gateway MDB' to create configuration files for the application. Click 'Next'.



Following screen is displayed:

🛃 Oracle FLEXCUBE Universal Installer 14.1.0.0.0
Oracle Banking Installer
Select one of the Components
Load Existing Property File Browse
○ INFRA ○ Scheduler
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 Load Existing Branch Property File Browse
Host Address 10.10.10.10 DBPEL Scheduler Standalone
Reports 10.10.10.10 1010 OFTW FGL SIANET Adapter
DMS 10.10.10.10 Insulation ELCM Adapter required
Exit Log Back Next

6. Specify the following details:

Load Property File

If you are creating a new property file, leave the field blank. If you wish to modify an existing property file, you can manually specify the location of the property file.

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

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

The installer displays the 'Multi Entity' screen.



Soracle FLEXCUBE Universal Installer 14.1.0.0.0	That Drifty screen.	
Oracle Banking Installer		
Multi Entity Names		
Provide Entity Names		
MultiEntity Required		+
S.No	Entity Name	
Exit Log		Back Next

MultiEntity Required

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

After 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

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



📓 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 DN
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

9. 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.



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 DN	
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 N	lext

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.



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

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

Authentication Type

Select the authentication type from the adjoining drop-down list. This is the type of external server that is used. You can select one of the following options:

- MSAD (Microsoft Active Directory)
- LDAP (Lightweight Directory Access Protocol)

By default, 'MSAD' is selected; however, you can change it.

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



🔊 Oracle FLEXCUBE Universal Installer 14.1.0.0.0					
Ora	Oracle Banking Installer				
	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	-		
E	Exit			Back Next	

11. Specify the following LDAP server details.

LDAP Server URL

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

LDAP SSL Enabled

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

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

Security Authentication Type

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

- Simple
- Strong



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

Domain Name

Specify the domain name.

LDAP Server Timeout

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

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

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

🙆 Oracle FLEXCUBE Universal Instal	ler 14.1.0.0.0	
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	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.



Solution of the second	ller 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		
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 Installer 14.1.0.0.0				
Oracle Banking Installer				
	vay Property File Creation			
Currer	nt screen provides an opt	ion for modifying MDB Properties		
No.	Name	Value		
1	Request Queue	MDB_QUEUE	<u> </u>	
2	Response queue	MDB_QUEUE_RESPONSE	_	
3	DL Queue	MDB_QUEUE_DLQ		
4	Connection Factory	MDBQCF		
5	Secure Queue		-	
E				

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.

	niversal Installer 14.1.0.0.0		
Oracle Bar	nking Installer		
Property Installatio	on iys the status of the object loa	aded.	
2018-06-06T16:03 2018-06-06T16:03 2018-06-06T16:03 2018-06-06T16:03 2018-06-06T16:03 2018-06-06T16:03 2018-06-06T16:03 2018-06-06T16:03 2018-06-06T16:03 2018-06-06T16:03 2018-06-06T16:03	19,165 DEBUG (AVT-Eve 19,165 DEBUG (AVT-Eve 19,165 DEBUG (AVT-Eve 19,165 DEBUG (AVT-Eve 19,165 DEBUG (AVT-Eve 20,462 DEBUG (AVT-Eve	nlQueue-0) com ofss installer. fcubs gateway. GwProps nlQueue-0) com ofss installer. Fcubsinstaller. In invoke nlQueue-0 com ofss installer. InstallerThame: classRe nlQueue-0) com ofss installer. InstallerThame: classRe nlQueue-0; com ofss installer. InstallerThame: classRe nlQueue-0; com ofss installer. Fcubsinstaller. In SetSh nlQueue-0; com ofss installer. Fcubsinstaller. In SetSh nlQueue-0; com ofss installer. Fcubsinstaller. NewButt nlQueue-0; com ofss installer. Fcubsinstaller. NewButt nlQueue-0; com ofss installer. Fcubsinstaller. NewButt nlQueue-0; com ofss installer. Fcubsinstaller. In invoke nlQueue-0; com ofss installer. Installer. Finame: classRe	After process deleting the Clas: Vame for load of Next screen : Gw three Comes with : com.ofss instal thro Comes with : com.ofss installer gate forsp: load()-Scateway MDB owPanel: Obj already exist for Cla owhole Class of current scree : Obj already exist for ClassNam rops: process of current scree : After process deleting the Class lame for load of Next screen : pro trive Comes with : com.ofss instal
		entQueue-0] com.ofss.installer.InstallerFrame: return w	The order controlss installer.gate
		ntQueue-0] com.ofss.installer.InstallerFrame: return w	
2018-06-06T16:03	20,462 DEBUG [AWT-Eve	ntQueue-0] com.ofss.installer.installerFrame: return w	Save
2018-06-06T16:03	:20,462 DEBUG (AWT-Eve		Save
2018-06-06T16:03	:20,462 DEBUG (AWT-Eve		Save

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 <u>Gateway HTTP Servlet</u> Application

Follow the steps given below:

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

Gracle FLEXCUBE Universal Installer 14.1.0.0.0	· FOR		x
Oracle Banking Installer			
Select one of the Components			
Load Existing Property File		Browse	
○ INFRA ○ Scheduler	y O 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 Load	Existing Branch Property File	Brows	e
Host Address 10.10.10.10 [1010]	BPEL Scheduler	Standalone 👻	
Reports 10.10.10.10	OFTW FGL	SIANET Adapter	
DMS 10.10.10 1010	Insulation ELCM Adapter required		
Exit		Back Next	

- 2. Select the option 'Property File'.
- 3. Specify the following details:

Operating System

Specify the operating system in which you are creating the property file. Select the appropriate one from the drop-down list.

Application Server

Specify the application server in which you are creating the property file. Select the appropriate one from the drop-down list.

Once you have specified the details, click 'Next' to continue. The following screen is displayed.

Following screen is displayed.

Soracle FLEXCUBE Universal Installer 14.1.0.0.0	X
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

4. Select 'Gateway Http Servlet' to create configuration files for the application, and click 'Next'.



Following screen is displayed.

🗟 Oracle FLEXCUBE Universal Installer 14.1.0.0.0
Oracle Banking Installer
Select one of the Components
Load Existing Property File Browse
○ INFRA ○ Scheduler
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 Load Existing Branch Property File Browse
Host Address 10.10.10.10 1010 BPEL Scheduler Standalone
□ Reports 10.10.10.10 1010 □ OFTW □ FGL □ SIANET Adapter
DMS 10.10.10 1010 Insulation ELCM Adapter required
Exit Log Back Next

5. Specify the following details:

Load Property File

If you are creating a new property file, leave the field blank. If you wish to modify an existing property file, you can manually specify the location of the property file.

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

Click 'Next'. The following screen is displayed:

The installer displays the 'Multi Entity' screen.



Soracle FLEXCUBE Universal Installer 14.1.0.0.0	
Oracle Banking Installer	
Multi Entity Names	
Provide Entity Names MultiEntity Required	
S.No Entity Name	
Exit	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

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



Gracle FLEXCUBE Universal Insta	ller 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_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

7. 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/

8. 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.

🙆 Oracle FLEXCUBE Universal Insta	ller 14.1.0.0.0	
Oracle Banking Ir	estaller	
Property File Creation	tion for modifying the Gateway Properties	
Current screen provides an op		
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

9. 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 Installation Current screen Displays the status of the object loaded. 2018-06-06T16:07:33,313 DEBUG [AWT-EventQueue-0] com.ofss.instal 2018-06-06T16:07:33,313 DEBUG [AWT-EventQueue-0] com.ofss.instal 2018-06-06T16:07:33,313 DEBUG [AWT-EventQueue-0] com.ofss.instal 2018-06-06T16:07:33,313 DEBUG [AWT-EventQueue-0] com.ofss.instal 2018-06-06T16:07:33,313 DEBUG [AWT-EventQueue-0] com.ofss.instal 2018-06-06T16:07:54,806 DEBUG [AWT-EventQueue-0] com.ofss.instal 2018-06-06T16:07:54,802 DEBUG [AWT-EventQueue-0] com.ofss.instal	er, Fcubsinstaller, S r, Installer, Frame: er, Installer, Frame: er, Fcubsinstaller, I er, Fcubsinstaller, I er, Fcubsinstaller, S er, Fcubsinstaller, S er, fcubs.gateway, G er, Fcubsinstaller, S er, Fcubsinstaller, S er, Fcubsinstaller, S er, Fcubsinstaller, S	Screen Name for load classRetrive Comes return with Order : co GwProps: load)>Ga In SetShowPane! Ob NetButtonActionPerf Screen Name for proc GwProps: process() In invoke : After proce Screen Name for load	d of Next Screen : Gw with : com.ofss.insta m.ofss.installer gate ateway Properties are ij already exist for Cla ormed—Next action cess of current scree y exist for ClassNam > settling next screen >XSD_PATH =/Kerne ss deleting the Class d of Next screen : pro
2018-06-06T16:07:33:313 DEBUG [AWT-EventQueue-0] com.ofss.instal 2018-06-06T16:07:33:313 DEBUG [AWT-EventQueue-0] com.ofss.instal 2018-06-06T16:07:33:313 DEBUG [AWT-EventQueue-0] com.ofss.instal 2018-06-06T16:07:33:313 DEBUG [AWT-EventQueue-0] com.ofss.instal 2018-06-06T16:07:33:013 DEBUG [AWT-EventQueue-0] com.ofss.instal 2018-06-06T16:07:54:866 DEBUG [AWT-EventQueue-0] com.ofss.instal 2018-06-06T16:07:54:882 DEBUG [AWT-EventQueue-0] com.ofss.instal	er, Fcubsinstaller, S r, Installer, Frame: er, Installer, Frame: er, Fcubsinstaller, I er, Fcubsinstaller, I er, Fcubsinstaller, S er, Fcubsinstaller, S er, fcubs.gateway, G er, Fcubsinstaller, S er, Fcubsinstaller, S er, Fcubsinstaller, S er, Fcubsinstaller, S	Screen Name for load classRetrive Comes return with Order : co GwProps: load)>Ga In SetShowPane! Ob NetButtonActionPerf Screen Name for proc GwProps: process() In invoke : After proce Screen Name for load	d of Next Screen : Gw with : com.ofss.insta m.ofss.installer gate ateway Properties are ij already exist for Cla ormed—Next action cess of current scree y exist for ClassNam > settling next screen >XSD_PATH =/Kerne ss deleting the Class d of Next screen : pro
			m.ofss.installer.gate
			F
Property File Logger File Please press	ontinue to go to othe	er Gateway applicatio	Save Continue>

The property file will be created in a temporary folder.



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

🛃 Oracle FLEXCUBE Universal Installe	er 14.1.0.0.0	
Oracle Banking Ins	staller	
Select one of the Components		
Load Existing Property File		Browse
OINFRA OScheduler (Gateway Switch Interface Installation	
Select Oracle Product Processors		
Oracle FLEXCUBE Universal B	anking	
Oracle FLEXCUBE Enterprise I	Limits and Collateral Management	
Oracle Banking Payments		
Oracle Banking Corporate Ler	nding Open Development Tool	
Select Plugins to be Installed		
Branch Centralized	Load Existing Branch Property File	Browse
Host Address 10.10.10.10	1010 BPEL Scheduler	Standalone 💌
Reports 10.10.10	1010 OFTW FGL	SIANET Adapter
DMS 10.10.10	1010 Insulation ELCM Adapter required	
Exit Log		Back Next

- 2. Select the option 'Property File'.
- 3. Specify the following details:

Operating System

Specify the operating system in which you are creating the property file. Select the appropriate one from the drop-down list.

Application Server

Specify the application server in which you are creating the property file. Select the appropriate one from the drop-down list.



🖆 Oracle FLEXCUBE Universal Installer 14.1.0.0.0	x
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

Select 'Gateway WebServices' to create configuration files for the application. Click 'Next'. The following screen is displayed.



🙆 Oracle FLEXCUBE Universal Instal	ler 14.1.0.0.0			X
Oracle Banking In	staller			TALLER
Select one of the Components				
Load Existing Property File				Browse
O INFRA O Scheduler	🖲 Gateway 🛛 🔾 Switc	h Interface Installation		
Select Oracle Product Processors				
Oracle FLEXCUBE Universal E	Banking			
Oracle FLEXCUBE Enterprise	Limits and Collateral Mana	gement	•	
Oracle Banking Payments				
Oracle Banking Corporate Le	nding Open Develo	opment Tool		
Select Plugins to be Installed				
Branch	Load Existing Branch	Property File		Browse
Host Address 10.10.10.10	1010 BPEL	Scheduler	Standalone 💌	
Reports 10.10.10.10	1010 OFTW	FGL	SIANET Adapter	
DMS 10.10.10	1010 Insulation	ELCM Adapter required		
Exit Log			Back	Next

4. Specify the following details:

Load Property File

If you are creating a new property file, leave the field blank. If you wish to modify an existing property file, you can manually specify the location of the property file.

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

Click 'Next'. The following screen is displayed:

The installer displays the 'Multi Entity' screen.



Soracle FLEXCUBE Universal Installer 14.1.0.0.0		
Oracle Banking Installer		
Multi Entity Names		
Provide Entity Names		
MultiEntity Required 🗵		· · ·
S.No 1 ENTITY	Entity 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

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



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 DN	
Authentication details maintained external to FLEXCUBE External Password Required Authentication Type IIISAD 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	

2. 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.

¹⁰⁹ If you check this box, the user can login with MSAD/LDAP server user Id as well as Payments

ORACLE

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 DN	
Authentication details maintained external to FLEXCUBE External Password Required Authentication Type MSAD KAD 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

user Id. If you do not check this box, the user can login using Payments user Id 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 ld 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
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 IMAuthentication Type IMSAD I External User Login Required I
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.



🛓 C	🚳 Oracle FLEXCUBE Universal Installer 14.1.0.0.0							
	Oracle Banking Installer							
	Property File Creation LDAP Server Details for Gateway							
	No.	Name	Value					
11	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 Log			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 Banking Installer CRECE Property File Creation Current screen provides an option for modifying the Gateway Properties XSD Path Kernel11.1/GW_WS/XSD/ Logger File [Kernel11.1/GW_WS/config/gw_ws_logger.properties] Debug Path [Kernel11.1/GW_WS/log/] Security Key for Encryption oraclefinancials SMS Pool Name [dbc/fc]devDS DataSource Igbc/fc]devDS Distributed Schema No MSG IN log Required No
Current screen provides an option for modifying the Gateway Properties XSD Path /Kernel11.1/GW_WS/XSD/ Logger File /Kernel11.1/GW_WS/config/gw_ws_logger.properties Debug Path /Kernel11.1/GW_WS/log/ Security Key for Encryption oraclefinancials SMS Pool Name idbc/fcjdevDS DataSource idbc/fcjdevDS Distributed Schema No
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 [dbc/fcjdevDS] DataSource jdbc/fcjdevDS Doss DataSource OPSS CSF Available POSS DataSource FOSSTEST.WORLD Distributed Schema No
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 idbc/fcjdevDS DataSource idbc/fcjdevDS POSS DataSource OPSS CSF Available POSS DataSource POSSTEST.WORLD Distributed Schema No
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 idbc/fcjdevDS DataSource jdbc/fcjdevDS POSS DataSource OPSS CSF Available POSS DataSource POSSTEST.WORLD Distributed Schema No
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SMS Pool Name idbc/fcjdevDS DataSource idbc/fcjdevDS POSS DataSource OPSS CSF Available POSS DataSource FOSSTEST WORLD Distributed Schema No
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POSS DataSource OPSS CSF Available POSS DataSource POSSTEST WORLD Distributed Schema No
POSS DataSource POSSTEST.WORLD Distributed Schema No
Distributed Schema No V
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

G Oracle FLEXCUBE Universal Installer 14.1.0.0.0	
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.	1
r reade remember the Lob Application name, the dame name had to be deed while deploying the Lob.	
Exit Log Back	

14. 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.



Oracle FLEXCUBE Universal Installer 14.1.0.0.0							
0	Oracle Banking Installer						
	Gateway Property File Creation Current screen provides an option for modifying WebServices Properties						
No	. Name	Value					
1	EJB JNDI Name	#com.ofss.fcubs.gw.ejb.GWEJBRemote	_				
2	Application Server URL	http://10.10.10.10:7001					
3	User Name	infra	=				
4	Password	••••					
5	EJB Look Up		-				
	plication type can later be e						
	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.:

Weblogic/Websphere: 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.:

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

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.

Click 'Next'. The following screen is displayed.

S Oracle FLEXCUBE Universal Installer 14.1.0.0.0		Construction of the local division of the lo	X
Oracle Banking Installer			ORACLE INSTALLER
Property Installation Current screen Displays the status of the object loaded.			
Current screen Displays the status of the object loaded.			
2018-06-06T16:11:01.423 DEBUG [AWT-EventQue 2018-06-06T16:11:05,70 DEBUG [AWT-EventQue 2018-06-06T16:11:05,70 DEBUG [AWT-EventQue 2018-06-06T16:11:05,70 DEBUG [AWT-EventQue 2018-06-06T16:11:07,256 DEBUG [AWT-EventQue 2018-06-06T16:11:07,256 DEBUG [AWT-EventQue 2018-06-06T16:11:09,799 DEBUG [AWT-EventQue	ue-0] com ofss installer. Fcubsi ue-0] com ofss installer. Flowsi ue-0]	Installer: In SetShowPanei: OD Installer: NextButtonActionPert Installer: Screen Name for pro Installer: In invoke : Obj alread gateway, GWVebServices: pro Installer: In SetShowPanei: Ob Installer: NextButtonActionPert Installer: Screen Name for pro Installer: In invoke : Obj alread gateway, GWVebServices: pro Installer: Screen Name for loo Installer: Screen Name for loo Errame: CassRetrive Comes	a) already exist for Cla formad>Next action coses of current scree y exist for ClassNam cess)>Cateway We a) already exist for Cla formad>Next action cess of current scree y exist for ClassNam cess)>Cateway We ses deleting the Class d of Next screen . pro with : com of so insta
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.

- 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.

23. 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





Gateway Property File Creation [May] [2018] Version 14.1.0.0.0

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