Gateway Property File Creation Oracle Banking Payments Release 14.0.0.00 [February] [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 Universal Banking Installer 12.5.0.0.0	– 🗆 X
Oracle Universal Banking	ORACLE
Welcome To Oracle Universal Banking Choose Oracle Application to be installed.	
 P- I Oracle Universal Banking I Universal Banking Infra Open Development Tool Gateway Scheduler Switch Interface Installation Utilities 	
Log Back	Next Exit

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



1.2.1 Gateway EJB Application

The following screen is displayed:

🕌 Oracle Universal Banking Installer 12.5.0.0.0		-	_	×
Oracle Universal Banking			ORAC	LE.
Welcome To Oracle Universal Banking Choose Oracle Component for installation.				
Property File				
EAR Name FCUBS				
Release	KERNEL	•		
File Seperator Style	Linux	-		
Application Server	Weblogic	•		
DataBase Server	Oracle	•		
Log		Back	Next	Exit

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.

🙆 Oracle Universal Banking Installer 12.5.0.0.0	– 🗆 X
Oracle Universal Banking	ORACLE'
Gateway Property File Creation Choose the Gateway Application Type	
Gateway Application Type Gateway EJB Gateway MDB Gateway Http Servlet Gateway WebServices	
Log	Back Next Exit

- 3. Select 'Gateway EJB'.
- 4. Click 'Next'. The following screen is displayed.



🙆 Oracle Universal Banking Installer 12.5.0.0.0	– 🗆 X
Oracle Universal Banking	ORACLE
Property File Creation Specify the Property File path.	
Load Property File	
For Modifying the Existing Property file specify the path else leave the pa for loading the default property file.	ath unchanged
Log Back	Next Exit

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.



🛃 Oracle Universal Banking Installer 12.5.0.0.0	– 🗆 X
Oracle Universal Banking	ORACLE'
Multi Entity Names Provide Entity Names	
MultiEntity Required	+ _
S.No Entity Name	
Log	Back Next Exit

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 Universal Banking Installer 12	2.5.0.0.0	– 🗆 X				
Oracle Universal Banking	g	ORACLE				
Property File Creation Current screen provides an option f	for Enabling Single Sign on					
SSO Required SSO KEY	DN					
Authentication details maintained e	xternal to FLEXCUBE					
External Password Required	Authentication Type	MSAD 💌				
External User Login Required						
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.						
Log	_	Back Next Exit				

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.



🙆 Oracle Universal Banking Installer 1	12.5.0.0.0	– 🗆 X				
Oracle Universal Bankin	ng	ORACLE'				
Property File Creation Current screen provides an option SSO Required						
SSO KEY Authentication details maintained External Password Required	external to FLEXCUBE	MSAD 💌				
External User Login Required		MSAD LDAP				
External Password Required: The user can login with MSAD/LDA F 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.						
Log		Back Next Exit				

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.



🕌 Oracle Universal Banking Installer 1	12.5.0.0.0	– 🗆 X				
Oracle Universal Bankin	ng	ORACLE				
Property File Creation Current screen provides an option SSO Required SSO KEY	ofor Enabling Single Sign on					
Authentication details maintained	external to FLEXCUBE					
External Password Required External User Login Required	Authentication Type	MSAD - MSAD				
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.						
Log	E	Back Next Exit				

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 Universal Banking Installer 12.5.0.0.0 -			_ _		×
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 AUTHENTICAT	Simple			
4	DOMAIN NAME	I-FLEX.COM			
5	LDAP SERVER TIMEOUT	0			
Log		Bac	sk N	Next	Exit

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:

State Universal Banking Installer 12.5.0.0.	0	– 🗆 X
Oracle Universal Banking	ORACLE	
Property File Creation Current screen provides an option for m	odifying the Gateway Propertie	IS
Debug Path /Kernel11.1/GW_EJE	}/config/gw_ejb_logger.proper	ties
Log	Back	Next Exit

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 '*l*' at the end. You need to manually create the specified folder structure.

E.g.:

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

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

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 Universal Banking	Installer 12.5.0.0.0		_	×
Oracle Universal	Banking		ORA	ELE.
Property File Creation				
Current screen provides a	n option for modifying the Gateway P	roperties		
DataSource	FLEXTEST.WORLD			
	POSS DataSource OPS	S CSF Avail	lable	
POSS DataSource	POSSTEST.WORLD			
Distributed Schema	No 🔻			
OFTW Plugin Required	No 🔻			
MSG IN LOG REQUIRED	No 🔻 MSG OUT LOG REQU	JIRED N	0 -	
Log		Back	Next	Exit

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.

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

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

🙆 Oracle Universal Banking Installer 12.5.0.0.0 -		×
Oracle Universal Banking	ORACL	€'
Property Installation Current screen Displays the status of the object loaded.		
2017-10-17T19:04:30,661 DEBUG [AWT-EventQueue-0] com.ofss.install 2017-10-17T19:04:30,661 DEBUG [AWT-EventQueue-0] com.ofss.install 2017-10-17T19:04:30,676 DEBUG [AWT-EventQueue-0] com.ofss.install	ler.fcubs.ga ler.fcubs.ga ler.FcubsIns ler.FcubsIns ler.InstallerF	
Property File Logger File	Save	
Log Back	Continue> Next E	xit

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 Universal Banking Installer 12.5.0.0.0	- 🗆 X
Oracle Universal Banking	ORACLE'
Welcome To Oracle Universal Banking Choose Oracle Component for installation.	
Property File	
EAR Name FCUBS	
Release	KERNEL -
File Seperator Style	Linux
Application Server	Weblogic 👻
DataBase Server	Oracle 💌
Log	Back Next Exit

- 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:



Source Universal Banking Installer 12.5.0.0.0	– 🗆 X
Oracle Universal Banking	ORACLE'
Gateway Property File Creation Choose the Gateway Application Type	
Gateway Application Type Gateway EJB Gateway MDB Gateway Http Servlet Gateway WebServices	
Log	Back Next Exit

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



Following screen is displayed:

Source Universal Banking Installer 12.5.0.0.0	– 🗆 X
Oracle Universal Banking	ORACLE
Property File Creation Specify the Property File path.	
Load Property File	
For Modifying the Existing Property file specify the path else l for loading the default property file.	eave the path unchanged
Log	Back Next Exit

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.



Oracle Universal Banking Installer 12.5.0.0.0	– 🗆 X
Oracle Universal Banking	ORACLE'
Multi Entity Names Provide Entity Names	
MultiEntity Required	+ _
S.No Entity Name	
Log	Back Next Exit

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

Click 'Next'. The following screen is displayed:



🕌 Oracle Universal Banking Installer 12	.5.0.0.0	– 🗆 X
Oracle Universal Banking	I	ORACLE
Property File Creation Current screen provides an option fo	or Enabling Single Sign on	
SSO Required		
SSO KEY	DN	
Authentication details maintained ex	ternal to FLEXCUBE	
External Password Required	Authentication Type	MSAD 💌
External User Login Required		
External Password Required: The password only. The user ID can be user ID. Authentication Type: LDAP/MSAD is authentication.	either the MSAD/LDAP user	ID or FCUBS
Log		Back Next Exit

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.



🕌 Oracle Universal Banking Installer 1	2.5.0.0.0	– 🗆 X
Oracle Universal Bankin	g	ORACLE
Property File Creation Current screen provides an option	for Enabling Single Sign on	
SSO Required SSO KEY	DN	
Authentication details maintained e	external to FLEXCUBE	
External Password Required	Authentication Type	MSAD 💌
External User Login Required		
External Password Required: The password only. The user ID can b user ID. Authentication Type: LDAP/MSAD authentication.	e either the MSAD/LDAP user	ID or FCUBS
Log		Back Next Exit

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 Universal Banking Installer 12	.5.0.0.0	– 🗆 X
Oracle Universal Banking	J	ORACLE
Property File Creation Current screen provides an option fo	or Enabling Single Sign on	
SSO Required SSO KEY	DN	
Authentication details maintained ex	ternal to FLEXCUBE	
External Password Required	 Authentication Type 	LDAP 🔻
External User Login Required	v	
External Password Required: The password only. The user ID can be user ID. Authentication Type: LDAP/MSAD i authentication.	either the MSAD/LDAP user	ID or FCUBS
Log		Back Next Exit

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 Universal Banking Installer 12.5.0.0.0 Oracle Universal Banking				× =LE	
	erty File Creation Server Details for Gateway				
No.	Name	Valu	ıe]
1	LDAP SERVER URL	LDAP://10.10.10.10:111			1
2	LDAP SSL ENABLED				1
3	SECURITY AUTHENTICAT	Simple			1
4	DOMAIN NAME	I-FLEX.COM			1
5	LDAP SERVER TIMEOUT	0			1
Log			Back	Next	Exit

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

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.

Click 'Next'. The following screen is displayed:

Source Universal Banking Installer 12.5.0.0.0	– 🗆 X
Oracle Universal Banking	ORACLE
Property File Creation Current screen provides an option for modifying the Gateway Properties	3
XSD Path /Kernel11.1/GW_MDB/XSD/ Logger File Kernel11.1/GW_MDB/config/gw_mdb_logger.propert Debug Path /Kernel11.1/GW_MDB/log/ Security Key for Encryption oraclefinancialsolutions SMS Pool Name jdbc/fcjdevDS	ies
Log	Next Exit

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_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 'l' 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.



실 Oracle Universal Ba	nking Installer 12.5.0.0.0	- 🗆 🗙
Oracle Univer	sal Banking	ORACLE
Property File Creation	n	
Current screen provid	des an option for modifying the Gateway Properties	
DataSource	FLEXTEST.WORLD]
	POSS DataSource OPSS CSF Available	
POSS DataSource]
Distributed Schema	No 🔽	
OFTW Plugin Require	e No 🔻	
Log	Back	Next Exit

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.

Gateway P	Iniversal Bank roperty File Creation een provides an op	n	CLE.
-			
		otion for modifying MDB Properties	
No.	Name	Value	
1 Req	uest Queue	MDB_QUEUE	7
2 Res	ponse queue	MDB_QUEUE_RESPONSE	
3 DL G	Queue	MDB_QUEUE_DLQ	
4 Coni	nection Factory	MDBQCF	
5 Secu	ire Queue		
6 Calle	er ID		
7 Calle	er Password		

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.

🛃 Oracle Universal Banking Installer 12.5.0.0.0	_		×
Oracle Universal Banking	C	RAC	LE'
Property Installation Current screen Displays the status of the object loaded.			_
2017-10-17T19:08:52,983 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsIns 2017-10-17T19:08:52,983 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsIns 2017-10-17T19:08:52,999 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.ga 2017-10-17T19:08:52,999 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsIns 2017-10-17T19:08:52,999 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsIns 2017-10-17T19:08:52,999 DEBUG [AWT-EventQueue-0] com.ofss.installer.InstallerF			
Property File Logger File	Conti	Save	
Log Back	N	ext	Exit

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.



State Universal Banking Installer 12.5.0.0	0		_	×
Oracle Universal Banking			ORA	CLE.
Welcome To Oracle Universal Banking				
Choose Oracle Component for installation	n.			
Property File				
EAR Name FCUBS	Context Name	FCJN	leoWeb	
External JSUIXML Required	External JSUIXML Path			
Release	KERNEL	-		
File Seperator Style	Linux	•		
Application Server	Weblogic 🗖	•		
DataBase Server	Oracle 🗖	-		
Log		Back	Next	Exit

- 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.



Source Universal Banking Installer 12.5.0.0.0	_		×
Oracle Universal Banking		ORACLE	
Gateway Property File Creation Choose the Gateway Application Type Gateway Application Type Gateway EJB Gateway MDB Gateway Http Servlet Gateway WebServices			
Log	ack	Next	Exit

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



Following screen is displayed.

Source Universal Banking Installer 12.5.0.0.0	– 🗆 X
Oracle Universal Banking	ORACLE'
Property File Creation Specify the Property File path.	
Load Property File	
For Modifying the Existing Property file specify the path else l for loading the default property file.	eave the path unchanged
Log	Back Next Exit

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.



Oracle Universal Banking Installer 12.5.0.0.0	– 🗆 X
Oracle Universal Banking	ORACLE
Multi Entity Names Provide Entity Names	
MultiEntity Required	+ _
S.No Entity Name	
Log	Back Next Exit

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

Click 'Next'. The following screen is displayed:



실 Oracle Universal Ba	nking Installer 12.5.0.0.0	-	_	×
Oracle Univer	sal Banking		ORA	CLE.
Property File Crea Current screen pr	ation ovides an option for modifying the Gateway	Properties		
XSD Path Logger File Debug Path Security Key for Er SMS Pool Name	/Kernel11.1/GW_HTTP/XSD/ kernel11.1/GW_HTTP/config/gw_http_logg /Kernel11.1/GW_HTTP/log/ hcryption oraclefinancialsolutions jdbc/fcjdevDS	jer.properti	es	
Log	(Back	Next	Exit

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 '*i*' 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 '*l*' 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.

실 Oracle Universal Bar	-	- 🗆	×	
Oracle Universal Banking			CLE.	
Property File Creatio	n			
Current screen provid	des an option for modifying the Gateway Pr	operties		
DataSource	FLEXTEST.WORLD			
	POSS DataSource OPSS CSF	Available		
POSS DataSource				
Distributed Schema	No			
Log		Back	Next	Exit

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

On click of Next The following screen is displayed.

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

Click 'Next'. The following screen is displayed.

🛃 Oracle Universal Banking Installer 12.5.0.0.0	—		×	
Oracle Universal Banking	O	RACI	_ E'	
Property Installation Current screen Displays the status of the object loaded.			_	
2017-10-17T19:13:07,969 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsIns 2017-10-17T19:13:07,969 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.ga 2017-10-17T19:13:07,984 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.ga 2017-10-17T19:13:07,984 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsIns 2017-10-17T19:13:07,984 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsIns 2017-10-17T19:13:07,984 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsIns 2017-10-17T19:13:07,984 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsIns 2017-10-17T19:13:07,984 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsIns				
Property File Logger File		Save		
	Contin	ue>		
Log Back	Nex	t	Exit	

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 Universal Banking Installer 12.5.0.0.0		-	_	×
Oracle Universal Banking			ORAC	LE.
Welcome To Oracle Universal Banking				
Choose Oracle Component for installation. Property File				
i topety ne				
EAR Name FCUBS				
Release	KERNEL	•		
File Seperator Style	Linux	•		
Application Server	Weblogic	-		
DataBase Server	Oracle	-		
Log		Back	Next	Exit

- 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.

Click 'Next'.



Source Universal Banking Installer 12.5.0.0.0	– 🗆 X
Oracle Universal Banking	ORACLE'
Gateway Property File Creation Choose the Gateway Application Type	
Gateway Application Type Gateway EJB Gateway MDB Gateway Http Servlet Gateway WebServices	
Log	Back Next Exit

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



Source Universal Banking Installer 12.5.0.0.0	- 🗆 🗙
Oracle Universal Banking	ORACLE
Property File Creation Specify the Property File path.	
Load Property File	
For Modifying the Existing Property file specify the path else leave the pa for loading the default property file.	th unchanged
Log Back	Next Exit

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.



Oracle Universal Banking Installer 12.5.0.0.0	– 🗆 X
Oracle Universal Banking	ORACLE
Multi Entity Names Provide Entity Names	
MultiEntity Required	+ _
S.No Entity Name	
Log	Back Next Exit

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:



🕌 Oracle Universal Banking Installer 1	2.5.0.0.0	– 🗆 X
Oracle Universal Bankin	g	ORACLE
Property File Creation Current screen provides an option	for Enabling Single Sign on	
SSO Required SSO KEY	DN	
Authentication details maintained e	external to FLEXCUBE	
External Password Required	Authentication Type	MSAD 🔻
External User Login Required		
External Password Required: The password only. The user ID can b user ID. Authentication Type: LDAP/MSAD authentication.	e either the MSAD/LDAP user	ID or FCUBS
Log		Back Next Exit

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.

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.



🕌 Oracle Universal Banking Installer 1	2.5.0.0.0	– 🗆 X				
Oracle Universal Bankin	g	ORACLE				
Property File Creation Current screen provides an option SSO Required						
SSO KEY Authentication details maintained e External Password Required		MCAD -				
External User Login Required		MSAD MSAD LDAP				
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.						
Log		Back Next Exit				

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 Universal Banking Installer 12	2.5.0.0.0	– 🗆 X
Oracle Universal Banking	g	ORACLE
Property File Creation Current screen provides an option f SSO Required SSO KEY	for Enabling Single Sign on	
Authentication details maintained e External Password Required External User Login Required External Password Required: The password only. The user ID can be user ID. Authentication Type: LDAP/MSAD is authentication.	Authentication Type	MSAD LDAP DAP server er ID or FCUBS
Log		Back Next Exit

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.



Orac Prope	Dracle Universal Banking Installer 12.5.0.0.0 — Oracle Universal Banking Oracle Universal Banki				
No.	Server Details for Gateway Name	Value]	
1	LDAP SERVER URL	LDAP://10.10.10.10:111		1	
2	LDAP SSL ENABLED			1	
3	SECURITY AUTHENTICAT	Simple		1	
4	DOMAIN NAME	I-FLEX.COM		1	
5	LDAP SERVER TIMEOUT	0		1	
Log		Back	x Next	Exit	

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 Universal Banking Installer 12.5.0.0.0	_	×
Oracle Universal Banking		ACLE.
Property File Creation Current screen provides an option for modifying the Gateway Pr	operties	
XSD Path /Kernel11.1/GW_WS/XSD/ Logger File /Kernel11.1/GW_WS/config/gw_ws_logger.p Debug Path /Kernel11.1/GW_WS/log/ Security Key for Encryption oraclefinancialsolutions SMS Pool Name jdbc/fcjdevDS	roperties	
Log	Back Next	Exit

6. Specify the following details.

XSD Path

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

E.g.:

For Windows: D:\Kernel11.1\GW_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	🕌 Oracle Universal Banking I	—		\times			
7.	Oracle Universal E	0	RACL	.e '			
	Property File Creation						
	Current screen provides an	n option for mo	difying the Gate	way Properties			
	DataSource	FLEXTEST.W	VORLD				
		POSS Da	ataSource	OPSS CSF Av	ailable		
	POSS DataSource						
	Distributed Schema	No 💌					
	OFTW Plugin Required	No 💌					
	MSG IN LOG REQUIRED	No 💌	MSG OUT LOG	REQUIRED	No 🔻		
	Log			Back	Ne	xt	Exit

12. 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'.

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



🕌 Oracle Universal Banking Installer 12.5.0.0.0	- 🗆 🗙
Oracle Universal Banking	ORACLE
Property File Creation Specify the EJB Application Name	
EJB Application Name GWEJB	
Please remember the EJB Application name , the same name has to i deploying the EJB.	be used while
Log Back	Next Exit

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.



🛓 Ora	cle Universal Banking Installer	12.5.0.0.0 -	- 🗆 X			
Or	acle Universal Banki	ng	ORACLE			
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	e 🔺			
2	Application Server URL	http://10.10.10.10:7001				
3	User Name	infra	=			
4	Password	••••				
5	EJB Look Up		-			
Application Type INTEGRATED Application type can later be edited in env.properties						
Lo	9	Back	Next Exit			

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: <u>t3://10.10.10.10:7001</u>

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.

🕌 Oracle Universal Banking Installer 12.5.0.0.0	-		×			
Oracle Universal Banking	0	RAC	LE.			
Property Installation Current screen Displays the status of the object loaded.						
2017-10-17T19:17:33,274 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsIns 2017-10-17T19:17:33,274 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsIns 2017-10-17T19:17:33,290 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsIns 2017-10-17T19:17:33,290 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsIns 2017-10-17T19:17:33,290 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsIns 2017-10-17T19:17:33,290 DEBUG [AWT-EventQueue-0] com.ofss.installer.Installerf 2017-10-17T19:17:33,290 DEBUG [AWT-EventQueue-0] com.ofss.installer.Installerf						
Property File Logger File	Conti	Save				
Log Back	Ne	ext	Exit			

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 [Feb] [2018] Version 14.0.0.00

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