GATEWAY Property File Creation Oracle FLEXCUBE Universal Banking Release 12.1.0.0.0 [October] [2015]



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# 1. Creating Property File for Gateway Applications

# 1.1 Introduction

This chapter explains the steps to create the property file for the gateway components viz. Enterprise Java Bean (EJB), Message Driven Beans (MDB) and Web Services and Servlet.

# 1.2 Creating Property Files

Follow the steps given below:

1. Start Oracle FLEXCUBE Universal Installer 1.0. Welcome screen is displayed.

🛃 Oracle FLEXCUBE Universal Installer	
Oracle FLEXCUBE Universal Banking	ORACLE'
Welcome To Oracle FLEXCUBE Choose Oracle FLEXCUBE Application to be installed.	
P - Oracle FLEXCUBE         Oracle FLEXCUBE         Diviversal Banking Solution         Enterprise Limits and Collateral Management         Open Development Tool         Oateway         Scheduler         Switch Interface Installation         FC Messaging         Payment Gateway	
Log	Back Next Exit

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



# 1.2.1 Gateway EJB Application

The following screen is displayed:

🕌 Oracle FLEXCUBE Universal Ir	nstaller	
Oracle FLEXCUBE L	Iniversal Banking	ORACLE'
Welcome To Oracle FLEXC Choose Oracle FLEXCUBE		
Property File Build Application Deploy Application		
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.



Sorre FLEXCUBE Universal Installer	
Oracle FLEXCUBE Universal Banking	ORACLE
Gateway Installation Choose the Gateway Application Type	
Gateway Application Type           Gateway EJB           Gateway MDB	
Gateway Http Serviet	
Log Back	Next Exit

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

Oracle FLEXCUBE Univ	versal Installer		
Oracle FLEXCU	BE Universal Banking		ORACLE
Property File Creation	n		
Specify the Property I	File path.		
Load Property File			1
For Modifying the Ex. creating a new prope	sting Property file specify the path e rty file.	ise leave the pa	ith empty for
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:

🎂 Oracle FLEXCUBE Universal Install	er		
Oracle FLEXCUBE Univ	versal Banking		ORACLE
Property File Creation Current screen provides an option	n for Enabling Single Sign on	<sup>2</sup> 8	
SSO Required			
SSO KEY	DN		
Authentication details maintained	external to FLEXCUBE		
External Password Required	Authentication Type	MSAD	~
External User Login Required			
External Password Required: Th password only. The user ID can user ID. Authentication Type: LDAP/MSAI authentication.	be either the MSAD/LDAP user	D or FCUE	and the second se
Log	Ba	ok N	ext Exit

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



4	Oracle FLEXCUBE Universal Installe	er	
	Oracle FLEXCUBE Univ	ersal Banking	ORACLE
	Property File Creation Current screen provides an option	n for Enabling Single Sign on	
	SSO Required SSO KEY	DN	
	Authentication details maintained	external to FLEXCUBE	
	External Password Required	<ul> <li>Authentication Type</li> </ul>	MSAD 🔻
	External User Login Required		MSAD
	-	e user can login with MSAD/LDA be either the MSAD/LDAP user ID	r server
	Authentication Type: LDAP/MSAI authentication.	D is the type of external server us	ed for ■ ▼
	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
- FCUBS user Id

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



State FLEXCUBE Universal Installer		
Oracle FLEXCUBE Unive	ersal Banking	ORACLE
Property File Creation Current screen provides an option SSO Required SSO KEY	for Enabling Single Sign on	
Authentication details maintained e External Password Required External User Login Required		-
password only. The user ID can b user ID. Authentication Type: LDAP/MSAD	user can login with MSAD/LDAP ser e either the MSAD/LDAP user ID or Fo is the type of external server used fo	CUBS
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

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



🛓 Oracle	FLEXCUBE Universal Installer		- • ×
Orac	le FLEXCUBE Unive	rsal Banking	ORACLE
	rty File Creation Server Details for Gateway		
No.	Name	Value	
1	LDAP SERVER URL	LDAP://10.10.10.10:111	
2	LDAP SSL ENABLED		
3	SECURITY AUTHENTICAT	Simple	
4	DOMAIN NAME	I-FLEX.COM	
5	LDAP SERVER TIMEOUT	0	
Log		Back	Next Exit

9. 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.

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

🛃 Oracle FLEXCUB	E Universal Installer	- • •
Oracle FLE	XCUBE Universal Banking	ORACLE
Property File C Current screen	reation provides an option for modifying the Gateway Properties	Q
XSD Path Logger File	D:\Kernel11.1\GW_EJB\XSD\ :\Kernel11.1\GW_EJB\config\gw_ejb_logger.propertie	es
Debug Path	D:\Kernel11.1\GW_EJB\log\	
Log	Back	Next Exit

# 11. 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/

12. 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.

실 Oracle FLEXCUBE Universa	l Installer		- • •
Oracle FLEXCUBE	Universal Banking		ORACLE
Property File Creation Current screen provides ar	n option for modifying the Gateway F	roperties	
Security Key for Encryption	oraclefinancialsolutions		]
DataSource	FLEXTEST.WORLD		]
POSS DataSource	POSSTEST.WORLD		
Distributed Schema	No		
RTT_PLUGIN REQUIRED	RTT		
MSG IN LOG REQUIRED	No 🔽 MSG OUT LOG REQI	UIRED	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.

#### **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

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

Property In Current scre		status of the object loaded.		
08 14 02:3 08 14 02:3 08 14 02:3 08 14 02:3 08 14 02:3 08 14 02:3	0:41 GwProps 0:41 GwProps 0:58 FcubsInst 0:58 GwDsDet 0:58 GwDsDet 0:58 GwDsDet 0:58 GwDsDet	[DEBUG]: com.ofss.ins taller [DEBUG]: NextButton/ ails [DEBUG]: com.ofss.in ails [DEBUG]: process()- ails [DEBUG]: process()-	XSD_PATH =D:\Kernel11.1\G staller.gateway.GwDsDetails.I ActionPerformed>Next action nstaller.gateway.GwDsDetails -> setting next screen com.of ->DataSource =FLEXTEST.W nstaller.gateway.propStatusG	
4		1	<b>F</b>	

The property file will be created in a temporary folder.

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



# 1.2.2 Gateway MDB Application

Follow the steps given below:

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

🎂 Oracle FLEXCUBE Universal			
Oracle FLEXCUBE	Universal Banking		ORACLE
Welcome To Oracle FLEX Choose Oracle FLEXCUB	CUBE E Component for installation.		
Property File Build Application Deploy Application			
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:

🙆 Oracle FLEXCUBE Universal Installer	
Oracle FLEXCUBE Universal Banking	ORACLE
Gateway Installation Choose the Gateway Application Type Gateway Application Type Gateway EJB Gateway MDB Gateway Http Servlet Gateway WebServices	
Log	Next Exit

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



# Following screen is displayed:

🖆 Oracle FLEXCUBE Universal Installer	- • •
Oracle FLEXCUBE 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 creating a new property file.	th empty for
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.

Click 'Next'. The following screen is displayed:



Property File Creation		
Current screen provides an optior	n for Enabling Single Sign on	
SSO Required		
SSO KEY	DN	
Authentication details maintained	external to FLEXCUBE	
External Password Required	Authentication Type	ASAD -
External User Login Required		
password only. The user ID can i user ID.	e user can login with MSAD/LDAP be either the MSAD/LDAP user ID ( ) is the type of external server use	or FCUBS

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 Modifying the Gateway properties Screen.

#### **External Password Required**

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

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

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



🕌 Oracle FLEXCUBE Universal Installer		
Oracle FLEXCUBE Unive	ersal Banking	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	SAD 🔻
External User Login Required		
password only. The user ID can b user ID.	user can login with MSAD/LDAP so e either the MSAD/LDAP user ID or is the type of external server used	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 FCUBS user ID. If you do not check this, the user can login using FCUBS user ID only.

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



🙆 Oracle FLEXCUBE Universal Installe	r				
Oracle FLEXCUBE Univ	ersal Banking	ORACLE'			
Property File Creation Current screen provides an option	for Enabling Single Sign on				
SSO Required SSO KEY	DN				
Authentication details maintained External Password Required	external to FLEXCUBE  Authentication Type	LDAP 🔻			
External User Login Required External Password Required: The	✓ ✓ e user can login with MSAD/LDA	AP server			
user ID.	Authentication Type: LDAP/MSAD is the type of external server used for				
Log	Bac	k 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.

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



		Value	
1 L	LDAP SERVER URL	LDAP://10.10.10.10:111	
2 L	LDAP SSL ENABLED		
3 S	SECURITY AUTHENTICAT	Simple	
4 D	DOMAIN NAME	I-FLEX.COM	
5 L	LDAP SERVER TIMEOUT	0	

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

Wote 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:

실 Oracle FLEXCUBE	Universal Installer	- • •
Oracle FLE	CUBE Universal Banking	ORACLE
Property File C Current screen	reation provides an option for modifying the Gateway Properties	9
XSD Path Logger File Debug Path	D:\Kernel11.1\GW_MDB\XSD\ {ernel11.1\GW_MDB\config\gw_mdb_logger.properti D:\Kernel11.1\GW_MDB\log\	es
Log	Back	Next Exit

# 11. 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 '*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.

🕌 Oracle FLEXCUBE Universal Installer	- • •
Oracle FLEXCUBE Universal Banking	ORACLE
Property File Creation Current screen provides an option for modifying the Gateway Properties Security Key for Encryption oraclefinancialsolutions	
DataSource FLEXTEST.WORLD	
POSS DataSource	
Distributed Schema Yes 💌	
RTT_PLUGIN REQUIRED RTT_PLUGIN	
Log	Next 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.



# **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.

	vay Property File Creation nt screen provides an opt	<b>n</b> ion for modifying MDB Properties	
No.	Name	Value	
1	Request Queue	MDB_QUEUE	
2	Response queue	MDB_QUEUE_RESPONSE	
3	DL Queue	MDB_QUEUE_DLQ	
4	Connection Factory	MDBQCF	
5	Secure Queue		
6	Caller ID		
7	Caller Password		

14. 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.

an - and - an include	llation )isplays the statu	is of the object loaded.		
08 14 03:05:21 08 14 03:05:21 08 14 03:05:42 08 14 03:05:43 08 14 03:05:43 08 14 03:05:43	GwDsDetails GwDsDetails GwMDBProps FcubsInstalle GwMDBProps GwMDBProps GwMDBProps	[DEBUG]: com.ofss.in: [DEBUG]: load()>Ga r [DEBUG]: NextButtonAc [DEBUG]: com.ofss.in [DEBUG]: process()	staller.gateway.Gw ateway MDB ctionPerformed—>N nstaller.gateway.Gv ->Gateway MDB pro	MDBProp lext action wMDBPro operties a
08 14 03:05:43				w later
08 14 03:05:43				•

The property file will be created in a temporary folder.

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



# 1.2.3 Gateway HTTP Servlet Application

Follow the steps given below:

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

🗐 Oracle FLEXCUBE Universal	Installer		
Oracle FLEXCUBE	Universal Banking		ORACLE
Welcome To Oracle FLEX Choose Oracle FLEXCUB	<b>CUBE</b> E Component for installation.		
Property File Build Application Deploy Application			
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.

🛃 Oracle FLEXCUBE Universal Installer	- • •
Oracle FLEXCUBE Universal Banking	ORACLE
Gateway Installation Choose the Gateway Application Type	
Gateway Application Type Gateway EJB Gateway MDB Gateway Http Servlet Gateway WebServices	
Log	Next Exit

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

Following screen is displayed.

🕌 Oracle FLEXCUBE Universal Installer	- • •
Oracle FLEXCUBE 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 path creating a new property file.	ath empty for
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:

실 Oracle FLEXCUBE	Universal Installer	- • •
Oracle FLE	CUBE Universal Banking	ORACLE'
Property File C Current screen	reation provides an option for modifying the Gateway Properties	0
XSD Path Logger File	D:\Kernel11.1\GW_HTTP\XSD\ {ernel11.1\GW_HTTP\config\gw_http_logger.properti	es
Debug Path	D:\Kernel11.1\GW_HTTP\log\	
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 '*l*' 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 Univers	al Installer		
Oracle FLEXCUB	E Universal Banking		ORACLE
Property File Creation Current screen provides a	n option for modifying the Gateway P	'roperties	
Security Key for Encryption	oraclefinancialsolutions		
DataSource	FLEXTEST.WORLD		
POSS DataSource	POSSTEST.WORLD		
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.

#### **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'.

The following screen is displayed.

🕌 Oracle FLEXCUBE Universa	l Installer		
Oracle FLEXCUBE	Universal Banking		ORACLE
Property File Creation Specify the EJB Applicat	ion Name		
EJB Application Name	GWEJB		
Please remember the E deploying the EJB.	JB Application name , the same r	name has to b	e used while
Log		Back	Next Exit

10. 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.



No.	Name	Value	
1	EJB JNDI Name	ejb/GW_EJB_Bean	
2	Application Server URL	http://10.10.10.10:7001	
3	User Name	infra	
4	Password	••••	

11. Specify the following details:

## EJB JNDI Name

This is the reference name of the EJB by which it has been deployed. This should be '<EJB\_APPLICATION\_NAME>\_GW\_EJB\_Bean'

E.g.: GWEJB\_GW\_EJB\_Bean

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

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 http URL of the application server where the application is deployed.

E.g.: http://10.10.10.10:7001

# **User Name**

Specify the user name to access the application server where the EJB application is deployed.

E.g.: infra

# Password

Specify the password for the above user name.



The Installer creates two files viz. 'gw\_http\_logger.properties' and 'GW\_HTTP\_Prop.properties' in the path provided to save the files.

Click 'Next'. The following screen is displayed.

Oracle FLEXCUBE Universal Installer		
Oracle FLEXCUBE Universal Banking	ORACLE	
Property Installation Current screen Displays the status of the object loaded.		
03 12 06:47:12 GwEJBAppName [DEBUG]: com.ofss.installer.gateway.GwEJBAr 03 12 06:47:12 GwEJBAppName [DEBUG]: com.ofss.installer.gateway.GwHttpPr 03 12 06:47:12 GwHttpProps [DEBUG]: load()>Gateway HTTP 03 12 06:47:13 FcubsInstaller [DEBUG]: NextButtonActionPerformed>Next actior 03 12 06:47:13 GwHttpProps [DEBUG]: com.ofss.installer.gateway.GwHttpProps 03 12 06:47:13 GwHttpProps [DEBUG]: process()>Gateway HTTP properties a 03 12 06:47:13 GwHttpProps [DEBUG]: com.ofss.installer.gateway.propStatusG		
Property File     Logger File	Save	
Co Log Back	Next Exit	

The property file will be created in a temporary folder.

- 12. Click 'Property File' to view the created property file.
- 13. Click 'Save' to the save the created property file in desire location.
- 14. Click 'Continue' to continue the installation process with gateway application type.
- 15. 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 FLEXCUBE Universal Banking Solution Installer. Select 'Gateway' and click 'Next' and the following screen is displayed:

🕌 Oracle FLEXCUBE Universal I	nstaller		- • •
Oracle FLEXCUBE	Jniversal Banking		ORACLE
Welcome To Oracle FLEXC Choose Oracle FLEXCUBE	CUBE Component for installation.		
Property File Build Application Deploy Application			
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'.



Soracle FLEXCUBE Universal Installer	
Oracle FLEXCUBE Universal Banking	ORACLE
Gateway Installation 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.

S Oracle FLEXCUBE Universal Installer	
Oracle FLEXCUBE 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 p creating a new property file.	ath empty for
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.

 ${}^{\mathfrak{P}}$  Before proceeding, ensure that the folder structures used in the following steps are created.

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

🍰 Oracle FLEXCUBE Universal Install	er	
Oracle FLEXCUBE Univ	ersal Banking	ORACLE'
Property File Creation Current screen provides an option	n for Enabling Single Sign on	
SSO Required		
SSO KEY	DN	
Authentication details maintained	external to FLEXCUBE	
External Password Required	Authentication Type	ASAD -
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

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

Source FLEXCUBE Universal Installer		
Oracle FLEXCUBE Universal Banking	ORACLE'	
Property File Creation Current screen provides an option for Enabling Single Sign on SSO Required SSO KEY DN		
Authentication details maintained external to FLEXCUBE External Password Required  Authentication Type External User Login Required	e MSAD <del>V</del> 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	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
- FCUBS user Id

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



Scale FLEXCUBE Universal Installe	r			
Oracle FLEXCUBE Unive	ersal Banking	ORACLE		
Property File Creation Current screen provides an option SSO Required SSO KEY	for Enabling Single Sign on			
Authentication details maintained External Password Required External User Login Required	Authentication Type	SAD 🔻		
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		

# **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.



🛓 Oracle	Oracle FLEXCUBE Universal Installer			
Orac	Oracle FLEXCUBE Universal Banking			
-	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 AUTHENTICAT	Simple		
4	DOMAIN NAME	I-FLEX.COM		
5	LDAP SERVER TIMEOUT	0		
Log		Back	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 FLEXCUBE	Universal Installer	- 0 💌
Oracle FLEX	CUBE Universal Banking	ORACLE
Property File C Current screen	reation provides an option for modifying the Gateway Propertie	5
XSD Path Logger File Debug Path	D:\Kernel11.1\GW_WS\XSD\ D:\Kernel11.1\GW_WS\config\gw_ws_logger.proper D:\Kernel11.1\GW_WS\log\	ties
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 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.

The following screen is displayed.

🛃 Oracle FLEXCUBE Universa	ıl Installer		- • -
Oracle FLEXCUBE	Universal Banking		ORACLE
Property File Creation Current screen provides ar Security Key for Encryption	n option for modifying the Gateway Pr oraclefinancialsolutions	roperties	
DataSource	FLEXTEST.WORLD		
POSS DataSource	POSSTEST.WORLD		
Distributed Schema	No 🔽		
RTT_PLUGIN REQUIRED	RTT		
MSG IN LOG REQUIRED	No V MSG OUT LOG REQU		
Log		Back	Next Exit

10. 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.



# **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 FLEXCUBE Universa	al Installer		
Oracle FLEXCUBE	E Universal Banking		ORACLE
Property File Creation			
Specify the EJB Applicat	ion Name		
EJB Application Name	GWEJB		
Please remember the E deploying the EJB.	JB Application name , the same r	name has to b	e used while

#### 12. 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.



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		

14. Specify the following details:

### EJB JNDI Name

This is the reference name of the EJB by which it has been deployed. This should be '<EJB\_APPLICATION\_NAME>\_GW\_EJB\_Bean'

E.g.: GWEJB\_GW\_EJB\_Bean

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: GWEJB #com.ofss.fcubs.gw.ejb.GWEJBRemote

Or

Websphere: ejb/GWEJB/GWEJB.jar/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

**15.** 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 FLEXCUBE U	niversal Installer		
Oracle FLEXC	UBE Universal Banking		ORACLE
Property Installation			
Current screen Displa	ys the status of the object loaded.		
08 14 03:43:50 Gw 08 14 03:44:26 Fcu 08 14 03:44:26 Gw 08 14 03:44:26 Gw 08 14 03:44:26 Gw	EJBAppName [DEBUG]: com.of: WebServices [DEBUG]: load()> bsInstaller [DEBUG]: NextButton/ WebServices [DEBUG]: com.ofs: WebServices [DEBUG]: processi WebServices [DEBUG]: com.ofs:	Gateway WebServic ActionPerformed>N s.installer.gateway.G ()>Gateway WebSe	es lext actior wWebSe rvices pro
•			•
Property File	Logger File		Save
		Co	ntinue>
Log		Back	Next Exit

The property file will be created in a temporary folder.

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

The property file will be created in a temporary folder.





GATEWAY Property File Creation [October] [2015] Version 12.1.0.0.0

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