GATEWAY Property File Creation Oracle FLEXCUBE Universal Banking Release 12.4.0.0.0 [May] [2017]



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1. Creating Property File for Gateway Applications

1.1 Introduction

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

1.2 Creating Property Files

Follow the steps given below:

1. Start Oracle FLEXCUBE Universal Banking Solutions Installer . Welcome screen is displayed.

Soracle FLEXCUBE Universal Installer 12.4.0.0.0	
Oracle FLEXCUBE Universal Banking	ORACLE
Welcome To Oracle FLEXCUBE Choose Oracle FLEXCUBE Application to be installed.	
P Oracle FLEXCUBE Oracle FLEXCUBE 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:

Soracle FLEXCUBE Universal Installer 12.4.	0.0.0			x	
Oracle FLEXCUBE Universal	Banking			CLE.	
Welcome To Oracle FLEXCUBE Choose Oracle FLEXCUBE Component for installation.					
Property File					
EAR Name FCUBS External JSUIXML Required	Context Name External JSUIXML Path	FCJN	eoWeb		
Release	KERNEL	•			
File Seperator Style	Windows	-			
Application Server	Weblogic 🔹	-			
DataBase Server	Oracle				
Log		Back	Next	Exit	

1. Select the option 'Property File'.

Specify the following details:

File Seperator Style

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 12.4.0.0.0	
Oracle FLEXCUBE 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.



Source FLEXCUBE Universal Installer 12.4.0.0.0	
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 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	FLEXCU	BE Universal Ins	staller 12.4.0	.0.0			x
Orac	cle FLE	EXCUBE U	niversal I	Banking		ORAC	LE.
Multi Provi	Entity Na de Entity	ames Names					
	MultiEnti	ty Required	V		+	_	
	S.No			Entity Name			
	1	ENTITY1					
	2	ENTITY2					
	3	ENTITY3					
	_						
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:



Source FLEXCUBE Universal Installer	12.4.0.0.0				
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	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		3ack 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 FCUBS user Id. If you do not check this box, the user can login using FCUBS user Id only.

(Note-MSAD: Microsoft Active Directory, LDAP: Lightweight Directory Access Protocol)



Solution of the second	r 12.4.0.0.0				
Oracle FLEXCUBE Unive	ersal Banking	ORACLE			
Property File Creation Current screen provides an option	for Enabling Single Sign on				
SSO Required SSO KEY					
Authentication details maintained e	external to FLEXCUBE				
External Password Required	Authentication Type	MSAD -			
External Password Required: The password only. The user ID can b user ID.	e user can login with MSAD/LDA e either the MSAD/LDAP user II	LDAP P server D or FCUBS			
authentication.					
Log	В	ack 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.



Solution of the second	r 12.4.0.0.0	
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	external to FLEXCUBE Authentication Type	MSAD 🔻
External Password Required: The password only. The user ID can b user ID.	e user can login with MSAD/LDA be either the MSAD/LDAP user II	LDAP AP server D or FCUBS
authentication.	B	ack 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	FLEXCUBE Universal Installer	12.4.0.0.0		x			
Orac	le FLEXCUBE Univer	sal Banking	ORAC	ILE.			
Prope LDAP	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	Log Back Next Exi						

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:

Gracle FLEXCUBE U	niversal Installer 12.4.0.0.0		×			
Oracle FLEXC	Oracle FLEXCUBE Universal Banking ORACLE					
Property File Creation Current screen provides an option for modifying the Gateway Properties						
XSD Path Logger File Debug Path Security Key for E SMS Pool Name	D:\Kernel11.1\GW_EJB\XSD\ D:\Kernel11.1\GW_EJB\config\gw_e D:\Kernel11.1\GW_EJB\log\ D:\Kernel11.1\GW_EJB\log\ ncryption oraclefinancialsolutions jdbc/fcjdevDSSMS	<pre>>jb_logger.prope</pre>	rtie			
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 '/' 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.

Source FLEXCUBE Univers	al Installer 12.4.0.0.0	
Oracle FLEXCUB	E Universal Banking	ORACLE
Property File Creation		
Current screen provides a	n option for modifying the Gateway Properties	
DataSource	FLEXTEST.WORLD	
	POSS DataSource POSS CSF Av	ailable
POSS DataSource	POSSTEST.WORLD	
Distributed Schema	No 🔻	
RTT_PLUGIN REQUIRED	RTT	
MSG IN LOG REQUIRED	No MSG OUT LOG REQUIRED	No 🔻
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 Encryption, 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.



A Oracle FLEXCUBE Universal Installer 12.4.0.0.0	X
Oracle FLEXCUBE Universal Banking	ORACLE
Property Installation Current screen Displays the status of the object loaded.	
2017-04-28T12:20:23,468 DEBUG [AWT-EventQueue-0] com.ofss.instal 2017-04-28T12:20:23,469 DEBUG [AWT-EventQueue-0] com.ofss.instal 2017-04-28T12:20:23,471 DEBUG [AWT-EventQueue-0] com.ofss.instal 2017-04-28T12:20:23,472 DEBUG [AWT-EventQueue-0] com.ofss.instal 2017-04-28T12:20:23,472 DEBUG [AWT-EventQueue-0] com.ofss.instal 2017-04-28T12:20:23,472 DEBUG [AWT-EventQueue-0] com.ofss.instal 2017-04-28T12:20:23,472 DEBUG [AWT-EventQueue-0] com.ofss.instal 2017-04-28T12:20:23,502 DEBUG [AWT-EventQueue-0] com.ofss.instal	ler.FcubsIns ler.fcubs.ga ler.fcubs.ga ler.FcubsIns ler.FcubsIns ler.InstallerF ler.InstallerF ■
Property File Logger File	Save
Log Back	Next 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 desired 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 FLEXCUBE Universal Banking Solution Installer. Select 'Gateway' and click 'Next'. Following screen is displayed.

Soracle FLEXCUBE Universal Installer 12.4.	0.0.0	
Oracle FLEXCUBE Universal	Banking	ORACLE
Welcome To Oracle FLEXCUBE Choose Oracle FLEXCUBE Component	for installation.	
Property File		
EAR Name FCUBS External JSUIXML Required	Context Name	FCJNeoWeb
Release	KERNEL 🔻	
File Seperator Style	Windows 👻	
Application Server	Weblogic 👻	
DataBase Server	Oracle 🗸	
Log	Bad	sk Next Exit

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

File Seperator Style

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:



Soracle FLEXCUBE Universal Installer 12.4.0.0.0	
Oracle FLEXCUBE 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:

Soracle FLEXCUBE Universal Installer 12.4.0.0.0	
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 for loading the default property file.	ath 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	e FLEXCU	BE Universal Ins	taller 12.4.0.0).0			x
Orac	cle FLE	EXCUBE U	niversal E	Banking		ORAC	LE.
Multi Provi	Entity Na de Entity	ames Names				_	
	MultiEnti	ty Required	*		+	_	
	S.No			Entity Name			
	1	ENTITY1					
	2	ENTITY2					
	3	ENTITY3					
							,
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:

Soracle FLEXCUBE Universal Installe	r 12.4.0.0.0	_ _ _ ×
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	external to FLEXCUBE	
External Password Required	Authentication Typ	e MSAD 💌
External User Login Required		
External Password Required: The password only. The user ID can b user ID. Authentication Type: LDAP/MSAD authentication.	e user can login with MSAD e either the MSAD/LDAP us is the type of external serv	LDAP server er 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 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.

Source FLEXCUBE Universal Installer	r 12.4.0.0.0	
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 External User Login Required	Authentication Type	MSAD 🔻
External Password Required: The password only. The user ID can b user ID. Authentication Type: LDAP/MSAD authentication.	e user can login with MSAD/LD, e either the MSAD/LDAP user I is the type of external server i	AP server D or FCUBS
Log	E	3ack 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.



4	Oracle FLEXCUBE Universal Installer	12.4.0	0.0		
	Oracle FLEXCUBE Unive	rsal	Banking		ORACLE
	Property File Creation Current screen provides an option f SSO Required	or Ena	bling Single Sign on		
	Authentication details maintained e External Password Required External User Login Required	xterna Ľ	to FLEXCUBE	LDAP	T
	External Password Required: The password only. The user ID can be user ID. Authentication Type: LDAP/MSAD authentication.	user (e eithe is the f	an login with MSAD/LD/ r the MSAD/LDAP user I type of external server (AP serv D or FC used fo	r = v
	Log		E	ack	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	FLEXCUBE Universal Installer	12.4.0.0.0			×
Orac	IE FLEXCUBE Univer	sal Banking		ORACLE	=
Prope	rty 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			
					_
1.00			Rack	Next Ex	
Log			Баск	Next Ex	un.

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:

Solution Oracle FLEXCUBE U	niversal In:	staller 12.4.0.0.0		
Oracle FLEXC	CUBE U	niversal Bankin	g	ORACLE
Property File Crea Current screen pr	ation rovides an	option for modifying t	he Gateway Propertie	15
XSD Path Logger File Debug Path Security Key for Er SMS Pool Name	D:\Kerne kernel11. D:\Kerne ncryption jdbc/fcjo	II1.1\GW_MDB\XSD\ .1\GW_MDB\config\gv II1.1\GW_MDB\log\ oraclefinancialsoluti devDSSMS	v_mdb_logger.prope ons	rties
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 '/. 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_mdb_logger.properties' file with the file name. The file must be manually copied to the specified location.

E.g.:

For windows: D:\Kernel11.1\GW_MDB\config\gw_mdb_logger.properties

For Linux: /Kernel11.1/GW_MDB/config/gw_mdb_logger.properties

Debug Path

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

E.g.:

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

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

Click 'Next'.

The Installer creates two files viz. 'gw_ mdb_logger.properties' and 'GW_ MDB_Prop.properties' in the path provided to save the files.

Solution Oracle FLEXCUBE U	niversal Installer 12.4.0.0.0		
Oracle FLEXC	UBE Universal Ba	nking	ORACLE
Property File Creation	on		
Current screen provi	des an option for modifying	g the Gateway Properties	
DataSource	FLEXTEST.WORLD		
	POSS DataSource	OPSS CSF Available	
POSS DataSource	POSSTEST.WORLD		
Distributed Schema	No 🔽		
RTT_PLUGIN REQU	IF 🔜 RTT		
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 Encryption, here in this case it is 'Oraclefinancial solutions'.

Click 'Next'. The following screen is displayed.

Gatev Curre	vay Property File Creation nt screen provides an opt	n 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		



15. Specify the following details:

Request Queue

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

E.g.: MDB_QUEUE

Response Queue

Specify the response queue name.

E.g.: MDB_QUEUE_RESPONSE

DL Queue

Specify the dead letter queue name.

E.g.: MDB_QUEUE_DLQ

Connection Factory

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

E.g.: MDBQCF.

Secure Queue

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

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

Click 'Next'. The following screen is displayed.



Aracle FLEXCUBE Universal Installer 12.4.0.0.0	
Oracle FLEXCUBE Universal Banking	ORACLE
Property Installation Current screen Displays the status of the object loaded.	
2017-04-28T12:27:28,102 DEBUG [AWT-EventQueue-0] com.ofss.instal 2017-04-28T12:27:28,102 DEBUG [AWT-EventQueue-0] com.ofss.instal 2017-04-28T12:27:28,103 DEBUG [AWT-EventQueue-0] com.ofss.instal 2017-04-28T12:27:28,103 DEBUG [AWT-EventQueue-0] com.ofss.instal 2017-04-28T12:27:28,103 DEBUG [AWT-EventQueue-0] com.ofss.instal 2017-04-28T12:27:28,103 DEBUG [AWT-EventQueue-0] com.ofss.instal 2017-04-28T12:27:28,110 DEBUG [AWT-EventQueue-0] com.ofss.instal	ler.FcubsIns Ier.Fcubs.ga Ier.fcubs.ga Ier.FcubsIns Ier.FcubsIns Ier.Installerf Ier.Installerf ■
Property File Logger File	Save Continue>
Log Back	Next 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 FLEXCUBE Universal Banking Solution Installer. Select 'Gateway' and click 'Next'. Following screen is displayed.

Solution State FLEXCUBE Universal Installer 12.4.		_ _ X				
Oracle FLEXCUBE Universal		ORACLE				
Welcome To Oracle FLEXCUBE Choose Oracle FLEXCUBE Component for installation.						
Property File						
EAR Name FCUBS External JSUIXML Required	Context Name External JSUIXML Pa	FCJN	eoWeb			
Release	KERNEL	•				
File Seperator Style	Windows	•				
Application Server	Weblogic	•				
DataBase Server	Oracle	-				
Log		Back	Next Exit			



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

File Seperator Style

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.



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

Following screen is displayed.



Source FLEXCUBE Universal Installer 12.4.0.0.0	
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 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. Click 'Next'. The following screen is displayed:

The installer displays the 'Multi Entity' screen.



🛓 Oracle	Oracle FLEXCUBE Universal Installer 12.4.0.0.0						x
Ora	Oracle FLEXCUBE Universal Banking						LE.
Multi Provi	i Entity N a ide Entity	ames Names					
	MultiEnti	ty Required	¥		+	_	
	S.No			Entity Name			
	1	ENTITY1					
	2	ENTITY2					
	3	ENTITY3					
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:



Gracle FLEXCUBE U	iversal Installer 12.4.0.	0.0			
Oracle FLEXCUBE Universal Banking ORACLE					
Property File Creation Current screen provides an option for modifying the Gateway Properties					
XSD Path Logger File Debug Path Security Key for Ei SMS Pool Name	D:\Kernel11.1\GW_HT Kernel11.1\GW_HTTP D:\Kernel11.1\GW_HT Cryption oraclefinanc idbc/fcjdevDSSMS	TTP\XSD\ \config\gw_http_lo TTP\log\ cialsolutions	gger.properti		
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 '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_HTTP\XSD\

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

Logger File

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

E.g.:

For windows: D:\Kernel11.1\GW_HTTP\config\gw_http_logger.properties

For Linux: /Kernel11.1/GW_HTTP/config/gw_http_logger.properties

Debug Path

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

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.

Solution of the second	iversal Installer 12.4.0.0.0		
Oracle FLEXC	UBE Universal Banking		ORACLE
Property File Creatio	n		
Current screen provid	les an option for modifying the Gatewa	y Properties	
DataSource	FLEXTEST.WORLD		
	POSS DataSource POSS C	SF 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 Encryption, 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.

Source FLEXCUBE Universal Installer 12.4.0.0.0	
Oracle FLEXCUBE Universal Banking	ORACLE
Property Installation Current screen Displays the status of the object loaded.	
2017-04-28T12:30:29,050 DEBUG [AWT-EventQueue-0] com.ofss.insta 2017-04-28T12:30:29,050 DEBUG [AWT-EventQueue-0] com.ofss.insta 2017-04-28T12:30:29,051 DEBUG [AWT-EventQueue-0] com.ofss.insta	Iler.FcubsIns Iler.fcubs.ga Iler.fcubs.ga Iler.FcubsIns Iler.FcubsIns Iler.Installerf Iler.Installerf
Property File Logger File	Save
	Continue>
Log Back	Next 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 FLEXCUBE Universal Banking Solution Installer. Select 'Gateway' and click 'Next' and the following screen is displayed:

Oracle FLEXCUBE Universa	l Banking	ORACL
Welcome To Oracle FLEXCUBE		
Choose Oracle FLEXCOBE Component	t for installation.	
Ргорепу ние		
EAR Name FCUBS	Context Name FCJ	NeoWeb
Release	KERNEL	
File Seperator Style	Windows 💌	
Application Server	Weblogic 💌	
DataBase Server	Oracle 🗸	

- 3. Select the option 'Property File'.
- 4. 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 12.4.0.0.0	
Oracle FLEXCUBE 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
Back	Next EXIt

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

Soracle FLEXCUBE Universal Installer 12.4.0.0.0	
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 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.

Click 'Next'. The following screen is displayed:

The installer displays the 'Multi Entity' screen.

) 🛓	Oracle	■ FLEXCU	BE Universal In:	staller 12.4.0	0.0.0			×
	Oracle FLEXCUBE Universal Banking					ORA	CLE.	
Γ	Multi Provi	Entity Na de Entity	ames Names					
		MultiEnti	ty Required	1		+	-	
		S.No			Entity Name			
		1	ENTITY1					1
		2	ENTITY2					1
		3	ENTITY3]
	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:

A Oracle FLEXCUBE Universal Installe	r 12.4.0.0.0				
Oracle FLEXCUBE Unive	Oracle FLEXCUBE Universal Banking				
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					
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	в	ack 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.

State FLEXCUBE Universal Installe	r 12.4.0.0.0		
Oracle FLEXCUBE Unive	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	external to FLEXCUBE Authentication Type	MSAD V 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			
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.



Source FLEXCUBE Universal Installer	r 12.4.0.0.0			
Oracle FLEXCUBE Unive	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	Authentication Type	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				
Log	E	ack 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 12.4.0.0.0				
Orac	Oracle FLEXCUBE Universal Banking			LE.	
Prope LDAP	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	k 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:

Soracle FLEXCUBE Universal Installer 12.4.0.0.0				
Oracle FLEXCUBE Universal Banking			ORACLE	
Property File Cre Current screen pr	i tion ovides an option for modifying	the Gateway Properties		
XSD Path Logger File Debug Path Security Key for E SMS Pool Name	D:\Kernel11.1\GW_WS\XSD\ D:\Kernel11.1\GW_WS\config D:\Kernel11.1\GW_WS\log\ cryption oraclefinancialsolu jdbc/fcjdevDSSMS	\gw_ws_logger.propert		
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_ws_logger.properties' file with the file name. The file must be manually copied to the specified location.



E.g.:

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

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

Debug Path

Specify the path to the folder where the application creates the logs. There must be a '/' 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 Universal Installer 12.4.0.0.0			
Oracle FLEXCUB	E Universal Banking		ORACLE
Property File Creation			
Current screen provides a	n option for modifying the Gatewa	y Properties	
DataSource	FLEXTEST.WORLD		
	POSS DataSource 🗹 O	PSS CSF Avail	able
POSS DataSource			
Distributed Schema	No 🔻		
RTT_PLUGIN REQUIRED	RTT		
MSG IN LOG REQUIRED	No V MSG OUT LOG RE		10 🔽
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'.

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



Source FLEXCUBE Universal Installer 12.4.0.0.0	
Oracle FLEXCUBE 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 be deploying the EJB.	e used while
Log Back	Next Exit

15. 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.



0	Oracle FLEXCUBE Universal Installer 12.4.0.0.0				
c	Oracle FLEXCUBE Universal Banking				L E .
6	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.GWEJBRem	note	
2	2	Application Server URL	http://10.10.10.10:7001		
	3	User Name	infra		
4	4	Password	•••••		
1	5	EJB Look Up			
14					
	Log		Back	Next	Exit

17. 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

18. 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.

Soracle FLEXCUBE Universal Installer 12.4.0.0.0			
Oracle FLEXCUBE Universal Banking			
Property Installation Current screen Displays the status of the object loaded.			
2017-04-28T12:38:34,588 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsIns 2017-04-28T12:38:34,588 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsIns 2017-04-28T12:38:34,589 DEBUG [AWT-EventQueue-0] com.ofss.installer.fcubs.ga 2017-04-28T12:38:34,589 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsIns 2017-04-28T12:38:34,590 DEBUG [AWT-EventQueue-0] com.ofss.installer.FcubsIns			
Property File Logger File	Save		
	Continue>		
Log Back	Next Exit		

The property file will be created in a temporary folder.

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

The property file will be created in a temporary folder.

24. 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] [2017] Version 12.4.0.0.0

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