FCUBS Property File Creation Oracle FLEXCUBE Universal Banking Release 12.2.0.0.0 [May] [2016]



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# 1. Creating Property File for Oracle FLEXCUBE UBS

# 1.1 Introduction

This chapter explains the steps to create property file for Oracle FLEXCUBE UBS Application.

# 1.2 Creating Property File

To create the property file for Oracle FLEXCUBE, follow the steps given below:

1. Launch Oracle FLEXCUBE Universal Banking Solution Installer.

🙆 Oracle FLEXCUBE Universal Insta	aller	X
Oracle FLEXCUBE Un	ORACLE	
Prerequisites		
Please specify the JDK and Orac	de Home path.	
JDK Path	C:/Program Files/Java/jdk1.7.0_79	<b>`</b>
Oracle Home	C:/oracle/app/product/12.1.0/dbhome_	1
Application Server Home	C:/Oracle/Middleware/Oracle_Home/w	server 📄
Application Server Location	Local 🔻	
Log	Back	Next Exit

Enter the following details

#### JDK Path:

Provide Home folder path of JDK1.7

#### **Oracle Home**

Provide home folder path of Oracle Client or Database

#### **Application Server Home**

Provide home folder path of Application Server

#### **Application Server Location**



Select location of the application server either local or remote

2. Click 'Next' and the following screen is displayed.

Source FLEXCUBE Universal Installer		
Oracle FLEXCUBE Universal Banking		ORACLE
Welcome To Oracle FLEXCUBE Choose Oracle FLEXCUBE Application to be installed.		
Cracle FLEXCUBE     Oracle FLEXCUBE     O		
Log	Back	Next Exit

- 3. Select 'Universal Banking Solution'.
- 4. Click 'Next' and the following screen is displayed:



🛃 Oracle FLEXCUBE Universal Installer		- • •
Oracle FLEXCUBE Unive	rsal Banking	ORACLE
Welcome To Oracle FLEXCUBE Choose Oracle FLEXCUBE Compo	onent for installation.	
Property File Database Build Application Deploy Application		
Release	KERNEL	]
File Seperator Style	Linux	
Application Server	Weblogic 👻	
DataBase Server	Oracle 🗸	
Log	Back	Next Exit

- 5. Select 'Property File'.
- 6. Specify the following details:

#### **Operating System**

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

#### **Application Server**

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

#### Release

Specify the release in which you are creating the property file. **Select** the appropriate one from the adjoining drop-down list. The options are:

#### KERNEL

VN.Cluster

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



🛃 Oracle FLEXCUBE Universal Installer	- • •
Oracle FLEXCUBE Investor Servicing	ORACLE
Welcome To Oracle FLEXCUBE Choose Oracle FLEXCUBE Component for installation.	
Default Installation	
Custom Installation     Default Installation: Most of the property values are defaulted and user input	ut is not
requested for them. Very few screens shown. Custom Installation: User input required for each of the property or default	values shown to
be accepted. All the property screens are shown.	
Log Back	Next Exit

8. In this screen, choose either Default or Custom installation.

Default – Only the minimum list of details are asked for. Insulation plug-in is de-selected. SSO is by default No.

If there are any issues with the default values then, the property file created can be loaded and choosing custom Installation option it can be corrected.

Default makes sense if the user is acquinted with flexcube configuration defaults else its advised to go with custom installation.

#### a.Default Installation:

After selecting Default Installation, Click 'Next' , the following will be displayed



S Oracle FLEXCUBE Universal Installer	
Oracle FLEXCUBE Universal Banking	ORACLE
Default Installation         Choose the Deployment option specified.         Centralized         Centralized         Centralized-For Centralized installation there will only one setup.	
Log Back	Next Exit

Click 'Centralized' option which is the only applicable for Default Installation and click next.

# 1.2.1 Setting Oracle FLEXCUBE UBS Plug-ins for Default Installation

This section describes the process of setting plug-ins.

1. You can select the plug-ins from the following screen.



Oracle FLEXCUBE Universal Installer		_ <b></b>		
Oracle FLEXCUBE Universa	I Banking	ORACLE		
Default Installation Choose the available plugins for including them in the current installation.				
Plugin Description	Include			
BPEL		<b>^</b>		
Oracle Flexcube Testing WorkBench	<b>v</b>			
Branch	<b>v</b>			
Bank In a Box	×			
DMS				
REPORTS				
SCHEDULER	<b>r</b>			
Log	Back	Next Exit		

2. You need to select the plug-ins to be included in the installation. Check the box against the required plug-ins. The following plug-ins are available for Oracle FLEXCUBE:

Branch BPEL Bank in a Box OFTW Insulation ELCM

- Note: DMS, REPORTS, SCHEDULER are selected by default. SCHEDULER is embedded in default mode.
- 3. Once you have selected the plug-ins, click 'Next' and the 'Common Properties' screen appears.

## 1.2.2 Setting Common Properties for Default Installation

This section describes the process of setting common properties of Oracle FLEXCUBE.

4. The installer displays the 'Common Properties' screen.



🚳 Oracle FLEXCUBE Universal Installer					
Oracle FLEXCUBE Universal Banking ORACLE					
Default Installation Current screen provides an option for modifying the Common property values.					
Debug Logs Required	Yes 💌				
Work Area	/BrnDbgs/				
Signature Path	/BrnDbgs/				
Excel Path	/BrnDbgs/				
Log	Back	Next Exit			

#### Debug Logs Required

If you require debug option, select 'Yes' from the drop-down list. If you do not require debug option, select 'No'.

#### Work Area

Specify the work area.

For example: D:\BrnDbgs\

#### Signature Path

Specify the location at which the signature images are placed.

#### **Excel Path**

Specify the location at which the excel files are generated.

Click 'Next' and the following screen is displayed:



# 1.2.3 Setting Email Details for Default Installation

This section describes the method to configure email details.

6. The following screen is displayed:

Dracle FLEXCUBE Universal Installer					
Orac	le FLEXCUBE Univ	ersal Banking	ORACLE		
	Default Installation Current screen provides an option for Mail configuring using SMTPS Protocol.				
No.	Name	Value			
1	Host	samplename.mail.com			
2	Userld	infra			
3	User Password	•••••			
4	JNDI Name	mail/FCUBSMail			
	Log Back Next Exit				

7. Specify the following details.

#### Host

Specify the SMTP host name.

#### User ID

Specify the user ID.

#### **User Password**

Specify the user password.

#### **JNDI Name**

Specify the JNDI name.

8. Once you have specified the above details, click 'Next' and system displays the next screen.



# 1.2.4 Setting Report Properties for Default Installation

This section describes the methods to set report properties.

9. System displays the following screen:

🛓 Ora	🛓 Oracle FLEXCUBE Universal Installer					
Or	Oracle FLEXCUBE Universal Banking ORACLE					
	Default Installation Current screen provides an option for modifying the Oracle BI Publisher properties.					
No.	Name	Value				
1	Server End Point	http://cvrhp1010:0101/xmlpserver/servic	es/Publi			
2	Name Space	http://xmlns.oracle.com/oxp/service/Pub	licRepo			
3	User Name	Administrator				
4	Password	•••••				
5	Reports Advice Spool Path	/ReportsSpool				
6	Advice Type	NATIVE				
7	BIP Server Version	11g				
8	BIP Time Zone	IST				
La	Log Back Next Exit					

10. Specify the following details:

#### **Server End Point**

Specify the BIP end point.

'http://10.10.10.10:0101/xmlpserver/services/v2/ReportService?wsdl.

However, you need to change the IP and port where BIP Application is installed.WSDL URL gets modified based on "BIP Server Version" on selecting the required version from the dropdown.

#### Name Space

Specify the BIP name space.

By default, the installer displays 'http://xmlns.oracle.com/oxp/service/PublicReportService'.

#### **User Name**

Specify the BIP user name. By default, the Installer displays 'Administrator'.



#### Password

Specify the password for the above user name. By default, the Installer sets it as 'Administrator'.

#### **Reports Spool Path**

Specify the reports spool path. By default, the Installer displays D:\.

#### Advice Type

Specify the advice type. You can choose one of the following:

- NATIVE This advice type is used for generating advices in text format
- BIP This advice type is used for generating advices in PDF format.

#### **BIP Server Version**

Specify the qualified BIP server version. You can select the appropriate one from the adjoining drop-down list.

#### **BIP Time Zone**

Specify the time zone of the BIP server.

11. Once you have specified the above details, click 'Next' and the system displays the next screen.

Oracle	e FLEXCUBE Universal Installer	-	X		
Orac	cle FLEXCUBE Universa	al Banking	ORACLE		
	Default Installation Current screen provides an option for Scheduler EMS FTP/FTPS configuring.				
No.	Name	Value			
1	Server	10.10.10			
2	Userid	OFSS			
3	Password	•••••			
Log Back Next Exit					

12. Specify the following details:



#### Server

Specify the server IP address for the selected file transfer mode.

#### User ID

Specify the user ID to access the server of the file transfer mode.

#### Password

Specify the password to for the above user ID.

**13.** Click 'Next, the following screen is displayed.

Oracle	Oracle FLEXCUBE Universal Installer				
Orac	Oracle FLEXCUBE Universal Banking ORACLE				
	Default Installation Current screen provides an option for modifying the DMS/IPM property values.				
No.	Name	Value			
1	Login Service Address	http://10.10.10.10:1010/imaging/ws/Log	jinService		
2	Document Service Ad	http://10.10.10.10:1010/imaging/ws/Do	cumentServi		
3	Document Content Se	http://10.10.10.10:1010/imaging/ws/DocumentCont			
4	IPM User Name	•••••			
5	IPM Password	•••••			
6	IPM Application Name	OFSS			
7	Http Session Maintain	¥			
Log		Back	Next Exit		

Specify the following details:

#### Login Service Address

This is the endpoint address of the web service (OracleIPM.WebService.EndpointAddress).

#### **Document Service Address**

This is the URL to which the Oracle IPM adapter uploads the documents (OracleIPM11G.DocumentService.EndpointAddress).



#### **Document Content Service Address**

This is the URL to which the Oracle IPM adapter uploads the documents (OracleIPM11G.DocumentConetntService.EndpointAddress).

**Note**: For websphere application server, the above three service address must end with "?wsdl"

#### Example for Login Service Address:

Webpshere: http://10.10.10.1010/imaging/ws/LoginService?wsdl

Weblogic: http://10.10.10.10.1010/imaging/ws/LoginService

Similarly, this is applicable for Document Service Address and Document Content Service Address as well.

#### **IPM User Name**

This is the user name accessing Oracle IPM (OracleIPM11G.Authentication.UserName).

#### **IPM Password**

This is the password for the above IPM user name (OracleIPM11G.Authentication.Password).

#### **IPM Application Name**

This indicates the license that provides login rights to Oracle IPM (OracleIPM11G.Application).

#### **HTTP Session Maintain**

This checkbox indicates whether HTTP session to be maintained or not (OracleIPM11G.MaintainSession).

14. Once you have specified the above details, click 'Next'.

## 1.2.5 Setting BPEL Properties for Default Installation

If you have included BPEL option in the setup, then you need to set the BPEL properties.

15. Set the BPEL properties.



	Default Installation Current screen provides an option for modifying the BPEL property values.				
No.	Name	Value			
1	Factory Initial	weblogic.jndi.WLInitialContextFactory			
2	Provide Url	t3://localhost:7001			
3	Security Principal	oc4jadmin			
4	Security Credentials	•••••		=	
5	Soa Partition Name	default			
6	Domain Password	•••••			
7	Dedicated Connection				
	BPEL Relam Name	FLEXCUBE			

#### **Factory Initial**

Specify the factory initial.

#### **Provider URL**

Specify the URL of the server. Enter the IP address, target server port (AdminServer/ManagedServer) and the context root.

#### **Security Principal**

Specify the user name to access the application server where BPEL is installed.

#### **Security Credential**

Specify the password for the above user name.

#### Soa Server Name

Specify the Soa Server Name. By default it will be the Installer sets it to 'default'.

#### **Domain Password**

Specify the domain password for which SOA server is extended

#### **Dedicated Connection**

Check this box to indicate that this connection is not used for other purposes.



#### **BPEL Realm Name**

Specify the BPEL realm name.

**BAM URI** 

Specify the BAM URI.

#### **BPM Installed**

Check this box if the BPM is installed.

16. Once you have set the above details, click 'Next'. The following screen is displayed:

# 1.2.6 Setting BIB Properties

If you have selected Bank in a Box (BIB) plug-in, you need to set the BIB properties.

17. Set the BIB properties.

Oracle	FLEXCUBE Universal Installer	Statement and and a statement of the				
Oracle FLEXCUBE Universal Banking ORACL						
Default Installation Current screen provides an option for BIB configuration.						
No.	Name	Value				
1	Create Service Request	http://10.10.10.10:1010/CreateServic	eRequest			
2	Query Service Request	http://10.10.10.10:1010/QueryServiceRequest				
3	Update Service Request	http://10.10.10.10:1010/UpdateServiceRequest				
4	Customer Party	http://10.10.10.10:1010/CustPartyDet	tails			
5	Offer Details	http://10.10.10.10:1010/OfferDetails				
6	Customer Populate	http://10.10.10.10:1010/CustomerPo	pulate			
7	Customer Prospect	http://10.10.10.10:1010/CustomerPro	ospect			
8	Customer KYC Fail	http://10.10.10.10:1010/CustomerKY	CFail			
Log Back Next Exit						

18. Specify the following details related to Bank in a Box (Siebel CRM integration).

#### **Create Service Request**

Specify the URL of the create service request web service.

E.g.: http://10.10.10.10:1010/CreateServiceRequest



#### **Query Service Request**

Specify the URL of the query service request web service.

E.g.: http://10.10.10.10:1010/QueryServiceRequest

#### Update Service Request

Specify the URL of the update service request web service.

E.g.: http://10.10.10.10:1010/UpdateServiceRequest

#### **Customer Party**

Specify the URL of the customer party details web service.

E.g.: http://10.10.10.10:1010/CustPartyDetails

#### Offer Details

Specify the URL of the offer details web service.

E.g.: http://10.10.10.10:1010/OfferDetails

#### **Customer Populate**

Specify the URL of the customer populate web service.

E.g.: http://10.10.10.10:1010/CustomerPopulate

#### **Customer Prospect**

Specify the URL of the customer prospect web service.

E.g.: http://10.10.10.10:1010/CustomerProspect

#### **Customer KYCFail**

Provide the URL of the Customer KYCFail Web Service.

- E.g.: http://10.10.10.10:1010/CustomerKYCFail
- Once you have set the above details, click 'Next'.
   The following screen is displayed:

# 1.2.7 Saving Property File for Default Installation

After completing all the required settings explained above, you need to save the property file. Save the property file.

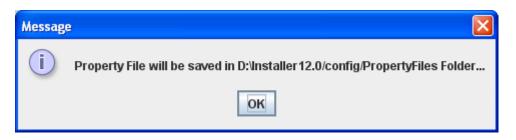


Oracle FLEXCUBE Universal	Installer				
Oracle FLEXCUBE	Universal Banking		ORACLE		
Property Installation					
Current screen Displays the si	tatus of the object loaded.				
08 29 03:39:32 FcubsInstaller [DEBUG]: In invoke : Obj already exist for ClassName 08 29 03:39:32 PropDefaultBIBConfig[DEBUG]: process()>setting BIB properties t 08 29 03:39:32 FcubsInstaller [DEBUG]: In invoke : After process deleting the Class 08 29 03:39:32 PropDefaultBIBConfig[DEBUG]: propStatusFCJ.load() 08 29 03:39:32 FcubsInstaller [DEBUG]: Screen Name for load of Next screen : prop 08 29 03:39:32 InstallerFrame [DEBUG]: classRetrive Comes with : com.ofss.install 08 29 03:39:32 InstallerFrame [DEBUG]: return with Order : com.ofss.installer.comr					
View Property File	]		Save		
Log		Back	Next Exit		

20. You can view the status of property file creation in the above screen. Once the file is saved, the installer displays the following message:

Message	e 🛛 🔀
i	Property File saved successfully
	ОК

21. If you do not use the 'Save' or Save As' buttons, the installer will save the properties file in '<InstallerSources>\config\PropertyFiles' folder. In that case, you will see the message below.



This completes the properties file creation for default Installation.



#### **b.Custom Installation :**

Custom – All details are to be provided.

🖆 Oracle FLEXCUBE Universal Installer	
Oracle FLEXCUBE Universal Banking	ORACLE
Property File Creation	
Choose the Deployment option specified.	
Centralized	
De-Centralized	
Hybrid	
Centralized- For Centralized installation there will only one setup.	
De-Centralized -Branch and Host Setup will be different, Need to maint saparate Data source.	ain the
Hybrid - This is a combination of both Centralized and De-Centralized	Setup.
Log Back	Next Exit

22. Select the type of application deployment. You can choose one of the following options: Centralized

Select this if you require centralized installation.

Decentralized

Select this if you require decentralized installation. In this case, Installer generates the following files at the end of the build process:

- Application\_name}.ear This can be deployed as Decentralized Host Application
- > {Application\_name}.war This can be deployed as Decentralized Branch Application

Hybrid

Choose this if you require Hybrid Installation. In this case, the Installer generates the following files at the end of the build process:

- > {Application\_name}.ear This can be deployed as Centralized Host Application
- > {Application\_name}.war This can be deployed as Decentralized Branch Application

Note: In Default flow, only Centralised option is available.

- 23. Click 'Next'. Based on the application deployment type selected, the Installer navigates you to the appropriate screen. See the following steps for details.
- 24. In case of centralized deployment, the following screen is displayed:



🛃 Oracle FLEXCUBE Universal Installer	
Oracle FLEXCUBE Universal Banking	ORACLE
Property File Creation Specify the Property File path.	
Centralized Property File	
For Modifying the Existing Property file specify the path else leave the pa for loading the default property file.	ath unchanged
Log	Next Exit

#### **Centralized Property File**

The property file needs to be built before the EAR 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.

26. In case of decentralized deployment, the following screen is displayed:



실 Oracle FLEXCUBE Ur	niversal Installer					
Oracle FLEXC	ORACLE					
Property File Creation Choose Operating System and Application Server for Decentralized installation.						
Operating System Linux  Version OEL 6.4						
Application Server	Tomcat 💌	Version	7.0.x	•		
Log		Bac	:k	Next Exit		

#### **Operating System:**

Specify the operating system for decentralized installation.

#### Version:

Specify the version of the operating system for decentralized installation.

#### **Application Server**

Specify the application server for decentralized installation.

#### Version

Specify the version of the application server for decentralized installation.

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



🛃 Oracle FLEXCUBE Universal Installer	- • •
Oracle FLEXCUBE Universal Banking	ORACLE
Property File Creation         Specify the Property File	Dath unchanged
Log	Next Exit

#### **Host Property File**

If you are creating a new property file, you can leave this field blank. However, if you wish to modify an existing property file, specify the location. You can use the directory button is browse and select the directory.

#### Web Property File

If you are creating a new property file, you can leave this field blank. However, if you wish to modify an existing property file, specify the location. You can use the directory button browse and select the directory.

30. In case of **hybrid deployment**, the following screen is displayed:

실 Oracle FLEXCUBE Ur	niversal Installer					
Oracle FLEXC	ORACLE					
Property File Creation Choose Operating System and Application Server for Decentralized installation.						
Operating System	Linux					
Application Server	Tomcat					
Log	Back	Next Exit				

# **Operating System:**

Specify the operating system for decentralized installation.

# Application Server:

Specify the application server for decentralized installation.



🛃 Oracle FLEXCUBE Universal Installer	- • •
Oracle FLEXCUBE Universal Banking	ORACLE
Property File Creation	
Specify the Property File path. Centralized Property File	
De-Centralized Property File	<b>—</b>
For Modifying the Existing Property file specify the path else leave the pa for loading the default property file.	th unchanged
Log	Next Exit

#### **Centralized Property File**

If you are creating a new property file, you can leave this field blank. However, if you wish to modify an existing property file, specify the location. You can use the directory button browse and select the directory.

#### **Decentralized Property File**

If you are creating a new property file, you can leave this field blank. However, if you wish to modify an existing property file, specify the location. You can use the directory button browse and select the directory.

33. Click 'Next' to continue.

# 1.2.8 Enabling Multi entity in Oracle FLEXCUBE UBS

This section describes the process of enabling multi entity of Oracle FLEXCUBE.

Multi entity option would be enable for centralized deployment only

The installer displays the 'Multi Entity' screen.

실 Ora	acle FLEXC	CUBE Universal I	nstaller 12.2.0.	.0.0			
O	Oracle FLEXCUBE Universal Banking ORACLE						CLE.
	Multi Entity Names Provide Entity Names						
	MultiEnti	ty Required	<b>*</b>		+	_	
	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

After capturing the entity names 'click on Next button for setting Pulg-ins

#### Note:

#### If resource are common for all the entity can be used the multi entity option

The following plug-ins are supports in multi entity deployment for Oracle FLEXCUBE

- 1. Scheduler
- 2. Branch
- 3. BPEL
- 4. Reports

Standalone Scheduler should be enabling.

# 1.2.9 Setting Oracle FLEXCUBE UBS Plug-ins

This section describes the process of setting plug-ins.

34. You can select the plug-ins from the following screen.



실 Oracle FLEXCUBE Universal Installer						
Oracle FLEXCUBE Universal Banking						
Property File Creation Choose the available plugins for including them in the current installation.						
Plugin Description	Include					
Bank in a Box	<b>×</b>	<b>^</b>				
Oracle Flexcube Testing Workbench						
Branch		=				
Reports	1					
Insulation						
BPEL		<b>_</b>				
ls Scheduler Standalone						
Scheduler URL						
Log	Back	Next Exit				

35. You need to select the plug-ins to be included in the installation. Check the box against the required plug-ins. The following plug-ins are available for Oracle FLEXCUBE:

Reports
Scheduler
Document Management System
Branch
BPEL
Bank in a Box
Regression Testing Tool
Insulation

Note: If scheduler is required then, one can chose if scheduler is required as standalone.

- For to choose standalone scheduler, one should go through scheduler option of building the EAR and deploy the EAR ahead of FCIS application
- Scheduler URL: The value for the URL should be the scheduler URL that will be available once scheduler application is deployed.

Note the following:

The Installer allows you to set the properties for the selected plug-ins only.



36. Once you have selected the plug-ins, click 'Next' and the 'Common Properties' screen appears.

# 1.2.10 Setting Common Properties

This section describes the process of setting common properties of Oracle FLEXCUBE.

1. The installer displays the 'Common Properties' screen.

S Oracle FLEXCUBE Universal Installer				
Oracle FLEXCUBE	Universa	l Banking		ORACLE
Property File Creation				
Current screen provides	an option fo	r modifying the	Common property	values.
Debug Logs Required	No 💌			
Work Area	/BrnDbgs/			
Signature Path	/BrnDbgs/			
Excel Path	/BrnDbgs/			
Data Source	jdbc/fcjdev	DS		
Request Time Out		1800000	In milli sec	conds
Connection Time Out		3600	In Second	s
Session Time Out		1800	In Second	s
LOV Fetch Required				
Max Image Size	1048576	In Bytes		
Log			Back	Next Exit

2. Specify the following details:

#### Debug Logs Required

If you require debug option, select 'Yes' from the drop-down list. If you do not require debug option, select 'No'.

### Work Area

Specify the work area.

For example: D:\BrnDbgs\

#### Signature Path

Specify the location at which the signature images are placed.

#### Excel Path

Specify the location at which the excel files are generated.

#### Data Source

Specify the JNDI location. The standard format is 'jdbc/fcjdevDS'.

#### Request Time Out

Specify the database request timeout value in milli seconds. This is the maximum number of seconds the database waits for a query to return the result.

#### **Connection Time Out**

Specify the database connection timeout value in seconds. This is the maximum number of seconds the application waits for a connection to the database to open.

#### Session Time Out

Enter the session time out value in seconds. This is the maximum number of seconds during which the application gets active without any user intervention. If there is no user intervention continuously for the duration specified here, the user session gets expire.

#### LOV Fetch Required

If you check this box, the option lists in Oracle FLEXCUBE displays the matching values based on the first characters that you enter in a field. If you specify the first three characters of a value to be entered in an option list and tab out, the system displays the complete list of values that are matching the first three characters.

If you do not check this, option lists does not show the matching values based on the first few characters. You need to specify the complete value against the field.

#### Max Image Size

Specifies the maximum image size that can be uploaded. The default size is 1048576 in bytes.

Click 'Next' and the following screen is displayed:



Soracle FLEXCUBE Universal	Installer	X
Oracle FLEXCUBE	Universal Banking	ORACLE
Property File Creation Current screen provides	an option for modifying the OBIEE and other p	property values.
OBIEE ENABLED	No	
OBIEE URL	/analytics/saw.dll?Portal&syndicate=Siebel	
OBIEE FOLDER	D:\BrnDbgs\	
OBIEE SIGNOUT URL	//10.10.10.10:1234/analytics/saw.dll?Logoff	
Log	Back	Next Exit

#### **OBIEE Enabled**

Chose Yes/No from the drop down box

#### **OBIEE URL**

Provide OBIEE URL path

#### **OBIEE Folder**

Provide a folder path at the application server level

# **OBIEE Signout URL**

Provide OBIEE signout URL

🙆 Oracle FLEXCUBE Universal Install	er		
Oracle FLEXCUBE Univ	versal Banking	ORACLE	
Property File Creation Current screen provides an optio SSO Required SSO KEY Authentication details maintained			
External Password Required External User Login Required	Authentication Type	MSAD 💌	
Single sign-on (SSO) is a property of access control of multiple related, but independent software systems. With this property a user logs in once and gains access to all systems without being prompted to log in again at each of them. Conversely, Single sign-off is the property whereby a single action of signing out terminates access to multiple software systems. This screen provides an option for External Authentication. If External Authentication is not required, keep the			
Log	Back	Next Exit	

#### **SSO Required**

Check this box to enable single sign-on (SSO). If you check this box, you need to enter 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', the Installer skips the following two screens and directly navigate to the SSL screen shown below in this manual.

If you have not checked the box 'SSO Required', then on clicking the 'Next' button, the following screen is displayed:



실 Oracle FLEXCUBE Universal Installe	r	- • ×		
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 Type	MSAD 💌		
External User Login Required		MSAD		
Single sign-on (SSO) is a property of access control of multiple related, but independent software systems. With this property a user logs in once and gains access to all systems without being prompted to log in again at each of them. Conversely, Single sign-off is the property whereby a single action of signing out terminates access to multiple software systems. This screen provides an option for External Authentication. If External Authentication is not required, keep the				
Log	Back	Next Exit		

#### **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 SSL screen shown below in this manual.

If you check the box, then click 'Next' and the following screen is displayed:

#### **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.

실 Oracle FLEXCUBE Universal Installe	r		- • •
Oracle FLEXCUBE Unive	ersal Banking		ORACLE
Property File Creation Current screen provides an option f SSO Required SSO KEY Authentication details maintained e External Password Required External User Login Required Single sign-on (SSO) is a property independent software systems. W access to all systems without bein Conversely, Single sign-off is the p terminates access to multiple soft for External Authentication. If External	DN     DN     Authentication Type     of access control of multiple re     fith this property a user logs in     ng prompted to log in again at e     property whereby a single actio     tware systems.This screen pro-	once ar each of t in of sig ovides a	ad gains ≡ them. ning out n option
Log	Bac	k	Next Exit

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

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

<sup>eee</sup>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.

Click 'Next' and the following screen is displayed:

S Oracle FLEXCUBE Universal Installer	X	
Oracle FLEXCUBE Universal Banking	ORACLE	
Property File Creation		
Choose Enable SSL option for Securing confidential user information		
SSL Enabled?		
✓ OPSS Available		
If the SSL Enabled option is unchecked then this setting will put your application at risk. OFSS will not hold any responsibility for the Data Loss. OPSS  CSF : A credential store is used for secure storage of credentials. CSF is used to access and perform operations on the credential store. The Credential Store Framework enables to manage credentials securely		
Log Back	Next Exit	

#### SSL Enabled

Indicate whether SSL is enabled or not. If SSL is required, choose 'Yes'. If SSL is not enabled, the Installer displays the following screen:





It is recommended that you enable SSL.

Click 'Next' and the next screen gets displayed.

OPSS is available only for weblogic and is not supported for Websphere.

IF OPSS available is checked for weblogic the symmetric key is not stored in the property file for security reasons. If OPSS available is unchecked the symmetric key is available in the property file and a warning message is displayed to the user.

# **1.2.11 Setting Language Properties**

This section describes the process of setting language packs of Oracle FLEXCUBE.

1. The system displays the following screen.

실 Oracle FLEXCUBE U	niversal Installer	- • •
Oracle FLEXC	UBE Universal Banking	ORACLE
<b>Property File Creat</b> Choose the Native	ion Language Support parameters for Oracle FLEXCUBE	
Language	ENGLISH - ISO Code en	
Application Title	FLEXCUBE UBS	
Version	12.1.0.0.0	
CopyRights	Oracle FLEXCUBE Universal Banking ≺br> nbsp; Copyright© 2007, 2015, Oracle and/or its af iates. All rights reserved.	
Log	Back	Next Exit

2. Specify the following details.

#### Language

Specify the language in which you wish to see Oracle FLEXCUBE. English is the default language. However, based on the requirement, you can set a different language. Select the appropriate one from the drop-down list.

Based on the language selected, the installer displays the ISO code.



#### **Application Title**

Specify the application title.

E.g.: FLEXCUBE UBS

#### Version

Specify the application version.

E.g.: 12.1.0.0.0

### **Copy Rights**

Specify the copyright details.

E.g.: Copyright@2007-2015 Oracle Financial Software Services Limited. All rights reserved.

3. Once you have specified the details, click 'Next' and the system displays the CSS setting screen.

# 1.2.12 Setting CSS Style

This section describes the process of setting CSS style.

1. System displays the following screen:

🍰 Oracle FLEXCUBE (	Jniversal Installer	
Oracle FLEX	CUBE Universal Banking	ORACLE
Property File Cre Choose the Cas	eation cading Style Sheets from the list bellow.	
Css Style	Default 💌	
Name	Flexblue	
Name       Flexblue         Default - A default CSS Provided by Oracle FLEXCUBE         Custom - Customer specific CSS can also be developed using the CSS tool provided. Refer the tool specific documents for more details.		
Log	Back	Next Exit

2. Specify the following details:



# **CSS Style**

Specify the CSS style to be used from the adjoining drop down list. You can select one of the following CSS styles:

Default – select this to apply the default style provided along with Oracle FLEXCUBE Custom – select this to apply a custom style

## Name

Specify the name of the CSS style.

3. Once you have specified the above details, click 'Next' and system displays Hashing Algorithm Count Settings screen,

# 1.2.13 Setting Hashing Algorithm Iteration Count

This section describes the method of setting hashing algorithm iteration count.

1. System displays the following screen:

🕌 Oracle FLEXCUBE Universal Installer	- • •
Oracle FLEXCUBE Universal Banking	ORACLE <sup>®</sup>
Property File Creation Current screen provides an option for modifying Hashing Algorithm Itera	ition Count.
Hashing Algorithm Iteration Count 10000	
Security Key for Encryption Logic oraclefinancial solutions	
Hashing algorithm iteration count de-optimizes the time required for logi application. Login de-optimization increases the password guessing time improves the Application security. This iteration count value needs to be Customer acceptence for delay in login. Security Key is used for Encryption Logic	e and thus
Log	Next Exit

2. Specify the following details:

## Hashing Algorithm Iteration Count

1. Specify the hashing algorithm iteration count. This count implies the time required for logging into the application. An increase in this count increases the login time.

'SYMMETRIC KEY' is the key (exact 24 characters) for all encryption logic.



2. Once you have specified the details, click 'Next' and system displays the next screen.

# 1.2.14 Setting Email Details

This section describes the method to configure email details.

1. The following screen is displayed:

Oracle F	LEXCUBE Universal Installe	r		
Oracle	Dracle FLEXCUBE Universal Banking ORACL			
-	erty File Creation nt screen provides an op	tion for Mail configuring using SMTPS Pr	rotocol.	
No.	Name	Value		
1	Host	samplename.mail.com		
2	Userld	infra		
3	User Password	•••••		
4	JNDI Name	mail/FCUBSMail		
		· · · · ·		

2. Specify the following details.

# Host

Specify the SMTP host name.

# User ID

Specify the user ID.

# **User Password**

Specify the user password.

# **JNDI Name**

Specify the JNDI name.

3. Once you have specified the above details, click 'Next' and system displays the next screen.



# 1.2.15 Setting Report Properties

This section describes the methods to set report properties.

1. System displays the following screen:

🤞 Oracl	e FLEXCUBE Universal Installer				
Ora	Oracle FLEXCUBE Universal Banking ORACL				
_	erty File Creation				
No.	Name	or modifying the Oracle BI Publisher p Value	roperties.		
1	Server End Point	http://10.10.10.10:0101/xmlpserver/s	ervices/Pub		
2	Name Space	http://xmlns.oracle.com/oxp/service/PublicReport			
3	User Name	Administrator			
4	Password	•••••			
5	Reports Spool Path	/ReportsSpool			
6	Advice Type	NATIVE			
7	BIP Server Version	11g			
8	BIP Time Zone	IST			
Log		Back	Next Exit		

2. Specify the following details:

#### **Server End Point**

Specify the BIP end point.

"http://10.10.10.10:0101/xmlpserver/services/v2/ReportService?wsdl.

. However, you need to change the IP and port where BIP Application is installed.WSDL URL gets modified based on "BIP Server Version" on selecting the required version from the dropdown.

## Name Space

Specify the BIP name space.

By default, the installer displays 'http://xmlns.oracle.com/oxp/service/PublicReportService'.

## **User Name**

Specify the BIP user name. By default, the Installer displays 'Administrator'.



# Password

Specify the password for the above user name. By default, the Installer sets it as 'Administrator'.

# **Reports Spool Path**

Specify the reports spool path. By default, the Installer displays D:\.

# Advice Type

Specify the advice type. You can choose one of the following:

NATIVE - This advice type is used for generating advices in text format

BIP – This advice type is used for generating advices in PDF format.

# **BIP Server Version**

Specify the qualified BIP server version. You can select the appropriate one from the adjoining drop-down list.

# **BIP Time Zone**

Specify the time zone of the BIP server.

3. Once you have specified the above details, click 'Next' and the system displays the next screen.

# 1.2.16 Configuring Scheduler

If scheduler standalone is chosen during plug-in selection time, all the below screens mentioned under scheduler configuration will not be applicable

This section describes the method to configure scheduler data source.

1. System displays the following screen:



🛃 Oracle FLEXCUBE Universal Installer	
Oracle FLEXCUBE Universal Banking	ORACLE
Property File Creation Current screen provides an option for Scheduler configuration.	
Scheduler Datasource     jdbc/fcjSchedulerDS       Scheduler Log Rotation Interval     WEEKLY	
Provide the Scheduler Datasource Name in the field Scheduler Dataso Provide the Scheduler Log Rotation Value To move old Scheduler Log to another file at specific time intervals .	burce.
Log	Next Exit

# **Scheduler Datasource**

Specify the scheduler datasource which Oracle FLEXCUBE will access.

# Scheduler Log Rotation Interval

Select the interval between each rotation of scheduler log.

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



🕌 Oracle FLEXCUBE Universal Installer		
Oracle FLEXCUBE Univers	sal Banking	ORACLE
Property File Creation		
Current screen provides an option fo	r configuring Scheduler Destination (	Queue.
Notify Destination	QUEUE	]
Queue Name	NOTIFY_DEST_QUEUE	]
Queue Connection Factory	NotifyDestQCF	Secure
Notify Queue Location	Internal 💌	
Log	Back	Next Exit

# **Notify Destination**

Specify the notify destination. Select one of the following options:

QUEUE TOPIC

## **Queue Name**

Set 'NOTIFY\_DEST\_QUEUE' as the destination queue name.

## **Queue Connection Factory**

Set 'NotifyDestTCF' as the queue connection factory.

#### Secure

Check this box to indicate that it is a secured queue connection factory. If you check this box, you will be prompted to specify the caller ID and caller password as shown in the following screen.



실 Oracle FLEXCUBE Universal Installer		- • •
Oracle FLEXCUBE Universal I	Banking	ORACLE'
Property File Creation		
Current screen provides an option for conf	iguring Scheduler Destination C	lueue.
Notify Destination	QUEUE	
Queue Name	NOTIFY_DEST_QUEUE	
Queue Connection Factory	NotifyDestQCF	✓ Secure
Caller ID		
Caller Password		
Notify Queue Location	Internal 🔻	
Log	Back	Next Exit

# Caller ID

Specify the caller ID for the secured queue connection factory.

#### **Caller Password**

Specify the password for the caller ID to access the secured queue connection factory.

If the queue connection factory is not secured, i.e., if you have not checked the box 'Secure', the installer will not display the fields 'Caller ID' and 'Caller Password'. You need not provide these details in that case.

## **Notify Queue Location**

Specify the notify queue location. Select one of the following options:

Internal

External

For Oracle WebLogic application server, the notify queue location should be selected as 'Internal'. If you choose 'Internal' as the 'Notify Queue Location', the screen provided in the following step does not get displayed. You will be navigated to next step where you can specify the notify deferred queue name and connection factory.

5. If you choose 'External', system displays the following screen:



	erty File Creation nt screen provides an opt	ion for External Server configuration for D	estination Queue.
No.	Name	Value	
1	Provide Url	iiop://localhost:1010	
2	Security Principal	•••••	
3	Security Credential	•••••	

6. Specify the following details of the external queue.

## **Provider URL**

Specify the provide URL (iiop://localhost:1010).

1010 is the default IIOP port.

## **Security Principal**

Specify the login ID to access the application server.

## **Security Credentials**

Specify the password to access the application server.

7. Click 'Next' to proceed with scheduler configuration.

If you choose 'Internal' as the 'Notify Queue Location', you will be directly navigated to the following screen. In that case, the installer will not show the screen explained in the previous step.



🕌 Oracle FLEXCUBE Universal Installer		- • •
Oracle FLEXCUBE Univers	al Banking	ORACLE <sup>®</sup>
Property File Creation		
Current screen provides an option for	Scheduler configuration.	
Notify Deffered Queue Name Deffered Queue Connection Factory	DEFFERED_DEST_QUEUE	Secure
Log	Back	Next Exit

# **Notify Deffered Queue Name**

Set 'DEFFERED\_DEST\_QUEUE' as the notify differed queue name.

## **Deffered Queue Connection Factory**

Set 'DefferedDestQcf' as the deffered queue connection factory.

# Secure

Check this box to indicate that it is a secured deffered queue connection factory. If you check this box, you will be prompted to enter the caller ID and caller password as shown in the following screen.



실 Oracle FLEXCUBE Universal Installer		- • •
Oracle FLEXCUBE Universa	l Banking	ORACLE
Property File Creation		
Current screen provides an option for \$	Scheduler configuration.	
Notify Deffered Queue Name	DEFFERED_DEST_QUEUE	
Deffered Queue Connection Factory	DefferedDestQCF	✓ Secure
Caller ID		
Caller Password		
Log	Back	Next Exit

- 9. Specify the caller ID and caller password for the secured deferred queue connection factory.
- 10. Click 'Next' and the following screen is displayed:

🛓 Oracle FLEXCUBE Universal Installer		
Oracle FLEXCUBE Universal	Banking	ORACLE
Property File Creation		
Current screen provides an option	for Scheduler Notify Internal Que	ue configuration.
Notify Queue Name	NOTIFY_QUEUE	
Dead Letter Queue Name	NOTIFY_QUEUE_DLQ	
Notify Queue Connection Factory	NOTIFY_MDB_QCF	Secure
Log	Back	Next Exit



## **Notify Queue Name**

Set 'NOTIFY\_QUEUE' as the notify queue name.

## **Dead Letter Queue Name**

Set 'NOTIFY\_QUEUE DLQ' as the dead letter queue name.

## **Notify Queue Connection Factory**

Set 'NOTIFY\_MDB\_QCF' as the notify queue connection factory.

#### Secure

Check this box to indicate that it is a secured queue connection factory. If you check this box, you will be prompted to enter the caller ID and caller password as shown in the following screen.

실 Oracle FLEXCUBE Universal Installer		- • •
Oracle FLEXCUBE Universal	Banking	ORACLE <sup>®</sup>
Property File Creation		
Current screen provides an option	for Scheduler Notify Internal Que	ue configuration.
Notify Queue Name	NOTIFY_QUEUE	
Dead Letter Queue Name	NOTIFY_QUEUE_DLQ	
Notify Queue Connection Factory	NOTIFY_MDB_QCF	✓ Secure
Caller ID		
Caller Password		
Log	Back	Next Exit

- 12. Specify the caller ID and caller password for the secured notify queue connection factory.
- 13. Click 'Next' and the following screen is displayed:



1.000	erty File Creation		
No.	nt screen provides an option for Scheo	luler EMS Queue configuring	g.
1	Incoming Dead Letter Queue Name	EMS QUEUE DLQ	•
2	Incoming backup Queue Name	EMS_QUEUE_BACK	
3	Incoming Queue Connection Factory	EmsQcf	
4	Secure Incoming Queue Connection		
5	Incoming Queue Caller Id		
6	Incoming Queue Caller Password		
7	Outgoing Dead Letter Queue Name	EMS_QUEUE_DLQ	
8	Outgoing Queue Connection Factory	EmsQcf	-

#### **Incoming Dead Letter Queue Name**

Set 'EMS\_QUEUE\_DLQ' as the incoming dead letter queue name.

#### Incoming Backup Queue Name

Set 'EMS\_QUEUE\_BACK' as the incoming backup queue name.

## **Incoming Queue Connection Factory**

Set 'EmsQcf' as the incoming queue connection factory.

## **Secure Incoming Queue Connection**

Check this box to indicate that it is a secured queue connection.

# Incoming Queue Caller ID

Specify the caller ID for the secured queue connection.

# **Incoming Queue Caller Password**

Specify the caller password for the secured queue connection.



## **Outgoing Dead Letter Queue Name**

Set 'EMS\_QUEUE\_DLQ' as outgoing dead letter queue name.

# **Outgoing Queue Connection Factory**

Set 'EmsQcf' as the outgoing queue connection factory.

## Secure Outgoing Queue Connection

Check this box to indicate that it is a secured outgoing queue connection.

# **Outgoing Queue Caller ID**

Specify the caller ID for the secured queue connection.

# **Outgoing Queue Caller Password**

Specify the caller Password for the secured queue connection.

# **Outgoing Queue Provider URL**

Specify the URL of the outgoing queue.

# Queue Principal

Specify the queue principal.

# **Queue Credential**

Specify the queue credential.

## Incoming Queue Name

Specify the incoming queue name.

## **Outgoing Queue Name**

Specify the outgoing queue name.

# **SFMS Incoming Queue**

Specify the SFMS Incoming Queue.

## **RTGS Incoming Queue**

Specify the RTGS incoming Queue.

Once you have specified the above details, click 'Next' and system displays the next screen.

# 1.2.17 Setting EMS Properties

You will be navigated to the 'Scheduler EMS Properties' screen. Here, you need to set the EMS details.



## 1. Set the EMS properties:

Oracl	e FLEXCUBE Universal Installer				
Ora	Oracle FLEXCUBE Universal Banking				
	Property File Creation Current screen provides an option for Scheduler EMS Queue configuring.				
No.	Name	Value			
1	Incoming Dead Letter Queue Name	EMS_QUEUE_DLQ	<b>^</b>		
2	Incoming backup Queue Name	EMS_QUEUE_BACK			
3	Incoming Queue Connection Factory	EmsQcf	=		
4	Secure Incoming Queue Connection				
5	Incoming Queue Caller Id				
6	Incoming Queue Caller Password				
7	Outgoing Dead Letter Queue Name	EMS_QUEUE_DLQ			
8	Outgoing Queue Connection Factory	EmsQcf	•		
Log		Back	Next Exit		

# 2. Specify the following details:

#### **OutGoing Connection Factory**

Specify the name of the outgoing connection factory to which EMS listens. You need to create this connection factory at the application server.

For details on connection factory creation, follow the steps described for creation of notify connection factories.

#### **Incoming Connection Factory**

Specify the name of the incoming connection factory to which EMS listens. You need to create this connection factory at the application server.

For details on connection factory creation, follow the steps described for creation of notify connection factories.

#### **Outgoing Queue Name**

Specify the name of the outgoing queue for which EMS is configured. By default, this is set as 'NOTIFY\_QUEUE\_DLQ'.

#### Incoming Queue Name

Specify the name of the incoming queue for which EMS is configured. By default, this is set as 'NOTIFY\_QUEUE\_DLQ'.



# **Incoming Backup Queue Name**

Specify the name of the incoming backup queue for which EMS is configured.

## Outgoing Queue Provider URL

In case EMS OUT MDB is to be configured to queue, you need to specify the URL for outgoing provider based on the application server. By default, the Installer displays the outgoing queue provider URL for Oracle WebLogic.

This value is application server dependent.

The details of Outgoing Queue Provider URL to be used for different application servers are given below:

Application Server	EMS Out Initial Context Factory
Oracle WebLogic	t3:// <ip_adress>:port E.g.: t3://10.10.10.10:1010 Here, 10.10.10.10 represents the local host and 1010 to the target server default port (AdminServer/ManagedServer).</ip_adress>
IBM WebSphere	iiop:// <ip_adress>:port E.g.: iiop://10.10.10.10:1010 Here, 1010 represents the default iiop port</ip_adress>

## **Queue Principal**

If EMS OUT MDB has to be configured to queue, you need to specify the EMS out queue principal. This is the user name for the application server in which the queue is configured.

## **Queue Credential**

If EMS OUT MDB has to be configured to queue, you need to specify the EMS out queue credential. This is the password for the above user name created for application server in which the queue configured.

3. Once you have specified the above details, click 'Next' and the following screen is displayed:



Property File Creation Current screen provides an option for Scheduler EMS FTP/FTPS configuring.				
No.	Name	Value	uning.	
1	File TranferMode FTPS	FTPS	<b>^</b>	
2	Server	10.10.10		
3	Userid	OFSS		
4	Password	•••••	=	
5	File Type	.txt		
6	Swift Format	1		
7	Swift Message Delimiter	<b>v</b>		
8	Swift Message Terminator	¥	•	

# File Transfer Mode FTPS

Specify the mode of transferring files to EMS. Select one of the following:

FTPS SFTP HTTP

# Server

Specify the server IP address for the selected file transfer mode.

# User ID

Specify the user ID to access the server of the file transfer mode.

#### Password

Specify the password to for the above user ID.

#### File Type

Specify the type of file that is transferred. By default, the Installer sets it as '.txt'.

## **SWIFT Message Delimiter**

Specify the character which is used as the message delimiter.



# **SWIFT Message Terminator**

Specify the character which is used as the message terminator.

5. Once you have specified the above details, click 'Next'. and the following screen is displayed:

Oracl	e FLEXCUBE Universal Installer				
Oracle FLEXCUBE Universal Banking					
Property File Creation EMS -Structured Financial Messaging System configuration Screen.					
No.	Name	Value			
1	Signature Block				
2	Keystore File Name	/keystore			
3	Keystore Alias name	••••			
4	keystore Password	•••••			
Log		Back	Next Exit		

6. Specify the following details:

## Signature Block

Check this box to enable signature block.

## **Keystore File Name**

Specify the keystore file name.

# **Keystore Alias Name**

Specify the keystore alias name.

# **Keystore Password**

Specify the keystore password.

7. Once you have specified the above details, click 'Next' and system displays the next screen.



# 1.2.18 Setting BIP and BIP Advice Report

This screen describes how to create the property file. Here, you need to set the BIP and BIP Advice report details.

1. System displays the following screen:

🕌 Oracle FLEXCUBE Universal Installer		- • ×			
Oracle FLEXCUBE Universe	ORACLE				
Property File Creation Current screen provides an option for Scheduler BIP and BIP Advice report.					
Bip Queue Name	INTERNAL_BIPREPORT_QUEUE				
Bip DeadLetter Queue Name	INTERNAL_BIP_QUEUE_DLQ				
BipAdvice Queue Name	INTERNAL_BIPADVREPORT_QU	EUE			
BipAdvice DeadLetter Queue Name	INTERNAL_BIP_ADVICE_QUEUE	_DLQ			
Queue connection factory	BIPQCF	Secure			
Log	Back	Next Exit			

2. Specify the following details to set the EMS properties:

#### **BIP Queue Name**

Specify the BIP queue name as 'INTERNAL\_BIPREPORT\_QUEUE'.

#### **BIP DeadLetter Queue Name**

Specify the BIP deadletter queue name as 'INTERNAL\_BIP\_QUEUE\_DLQ'.

## **BIPAdvice Queue Name**

Specify the BIP advice queue name as 'INTERNAL\_BIPADVREPORT\_QUEUE'.

#### BIPAdivce DeadLetter Queue Name

Specify the BIP adivce dead letter queue name as 'INTERNAL\_BIP\_ADVICE\_QUEUE\_DLQ'.

## **Queue Connection Factory**

Specify the queue connection factory as 'BIPQCF'.



# Secure

Check this box to indicate that it is a secured deffered queue connection factory. If you check this box, you will be prompted to enter the caller ID and caller password as shown in the following screen:

🛃 Oracle FLEXCUBE Universal Installer		- • •			
Oracle FLEXCUBE Universal Banking					
Property File Creation					
Current screen provides an option for Scheduler BIP and BIP Advice report.					
Bip Queue Name	INTERNAL_BIPREPORT_QUEUE				
Bip DeadLetter Queue Name	INTERNAL_BIP_QUEUE_DLQ				
BipAdvice Queue Name	INTERNAL_BIPADVREPORT_QU	EUE			
BipAdvice DeadLetter Queue Name	INTERNAL_BIP_ADVICE_QUEUE	_DLQ			
Queue connection factory	BIPQCF	✓ Secure			
Caller ID					
Caller password					
Log	Back	Next Exit			

- 3. Specify the caller ID and caller password for the secured queue connection factory.
- 4. Once you have specified the above details, click 'Next' and system displays the next screen.

# 1.2.19 Setting GI Upload Properties

This screen describes how to specify the GI upload property details. Here you need to set the GI Upload properties.

1. System displays the following screen:



실 Oracle FLEXCUBE Universal Install	er	- • •
Oracle FLEXCUBE Univ	versal Banking	ORACLE <sup>®</sup>
Property File Creation Current screen provides an que	ue configuration details for Scheduler G	l Upload.
Queue Name Dead Letter Queue Name Queue connection factory	INTERNAL_GI_UPLOAD_QUEUE INTERNAL_GI_UPLOAD_DLQ GI_UPLOAD_QCF	Secure
Log	Back	Next Exit

## **Queue Name**

Specify the queue name as 'INTERNAL\_GI\_UPLOAD\_QUEUE'.

#### **Dead Letter Queue Name**

Specify the dead letter queue name as 'INTERNAL\_GI\_UPLOAD\_DLQ'.

# **Queue Connection Factory**

Specify the queue connection factory as 'GI\_UPLOAD\_QCF'.

#### Secure

Check this box to indicate that it is a secured deffered queue connection factory. If you check this box, you will be prompted to enter the caller ID and caller password as shown in the following screen:



- 3. Specify the caller ID and caller password for the secured queue connection factory.
- 4. Once you have specified the above details, click 'Next' and system displays the next screen.

# 1.2.20 Setting OFTW Details

1. System displays the following screen:



No.	Name		Value	
1 C	OFTW Recording Type	REMOTE		-
2 0	OFTW User	REMOTE		
3 0	OFTW Password	LOCAL		
4 0	OFTW Provider URL	mail/FCUBSMail		

# **OFTW Recording Type**

Select the type of recording type, REMOTE/LOCAL from the drop down

## **OFTW User**

Specify the oftw user name

# **OFTW Password**

Specify the oftw password

#### **OFTW Provider URL**

Specify URL to OFTW

# 1.2.21 Setting Oracle IPM Adapter Properties

In case you have included DMS in the installation, you need to set the Oracle IPM adapter properties. Navigate to 'Oracle IPM DMS Properties' screen.



**1.** Set the server type in the following screen.

🛃 Oracle FLEXCUBE Universal Installer	- • •				
Oracle FLEXCUBE Universal Banking	ORACLE				
Property File Creation Choose the adapter for enabling Document management system.					
Server Type Oracle IPM	Imaria and				
Oracle IPM - Document Management System with Server Type has Oracle Image and Process Management					
Log	Next Exit				

- **2.** Choose 'Oracle IPM' as the server type.
- **3.** Click 'Next, the following screen is displayed.

Property File Creation Current screen provides an option for modifying the DMS/IPM property values.				
No.	Name	Value		
1	Login Service Address	http://10.10.10.10:1010/imaging/ws/LoginS	ervice	
2	Document Service Ad	http://10.10.10.10:1010/imaging/ws/Docum	entServi	
3	Document Content Se	http://10.10.10.10:1010/imaging/ws/Docum	entCont	
4	IPM User Name	•••••		
5	IPM Password	•••••		
6	IPM Application Name	OFSS		
7	Http Session Maintain	V		



#### Login Service Address

This is the endpoint address of the web service (OracleIPM.WebService.EndpointAddress).

#### **Document Service Address**

This is the URL to which the Oracle IPM adapter uploads the documents (OracleIPM11G.DocumentService.EndpointAddress).

#### **Document Content Service Address**

This is the URL to which the Oracle IPM adapter uploads the documents (OracleIPM11G.DocumentConetntService.EndpointAddress).

**Wote**: For websphere application server, the above three service address must end with "?wsdl"

## Example for Login Service Address:

Webpshere: http://10.10.10.10.1010/imaging/ws/LoginService?wsdl

Weblogic: http://10.10.10.1010/imaging/ws/LoginService

Similarly, this is applicable for Document Service Address and Document Content Service Address as well.

#### **IPM User Name**

This is the user name accessing Oracle IPM (OracleIPM11G.Authentication.UserName).

#### **IPM Password**

This is the password for the above IPM user name (OracleIPM11G.Authentication.Password).

#### **IPM Application Name**

This indicates the license that provides login rights to Oracle IPM (OracleIPM11G.Application).

#### **HTTP Session Maintain**

This checkbox indicates whether HTTP session to be maintained or not (OracleIPM11G.MaintainSession).

4. Once you have specified the above details, click 'Next'.



# 1.2.22 Setting Branch Properties

This section describes the branch properties setup.

1. The following screen is displayed.

🛓 Oracle FLEXCL	IBE Universal Installer		- • •		
Oracle FL	EXCUBE Universal Banking		ORACLE		
Property File C Current screen	reation provides an option for specfying the XA Data:	source for brar	nch.		
Data Source	jdbc/fcjDevXADS				
	XA datasource mentioned will be used for branch specific transactions to make the host and branch entries in a single transaction.				
Log		Back	Next Exit		

- 2. Specify the XA datasource for branch.
- 3. Click 'Next'. The following screen is displayed.

# 1.2.23 Setting BPEL Properties

If you have included BPEL option in the setup, then you need to set the BPEL properties.

1. Set the BPEL properties.



-	erty File Creation nt screen provides an opti	on for modifying the BPEL property values	s.
No.	Name	Value	
1	Factory Initial	weblogic.jndi.WLInitialContextFactory	<b>_</b>
2	Provide Url	t3://10.10.10.10:0101	
3	Security Principal	oc4jadmin	
4	Security Credentials	•••••	=
5	Soa Server Name	default	
6	Domain Password	•••••	
7	Dedicated Connection	V	
8	BPEL Relam Name	FLEXCUBE	

#### **Factory Initial**

Specify the factory initial to obtain an initial context-a reference to a JNDI namespace.

#### **Provider URL**

Specify the URL of the server. Enter the IP address, target server port (AdminServer/ManagedServer) and the context root.

# **Security Principal**

Specify the user name to access the application server where BPEL is installed.

#### **Security Credential**

Specify the password for the above user name.

## Soa Server Name

Specify the Soa Server Name. By default it will be the Installer sets it to 'default'.

## **Domain Password**

Specify the domain password for which SOA server is extended

# **Dedicated Connection**

Check this box to indicate that this connection is not used for other purposes.



# **BPEL Realm Name**

Specify the BPEL realm name.

# BAM URI

Specify the BAM URI.

# **BPM Installed**

Check this box if the BPM is installed.

2. Once you have set the above details, click 'Next'. The following screen is displayed:

실 Oracle FLEXCUBE Universal Install	r			
Oracle FLEXCUBE Univ	ersal Banking	ORACLE		
Property File Creation Current screen provides an opti	Property File Creation Current screen provides an option for modifying the BPEL Load Balancing properties.			
Enabling Load Balance Frequency 120 Task Counts 5 CutOff Time 13:	]			
Log	Back	Next Exit		

Specify the following details:

# **Enabling Load Balance**

Check this box to enable BPEL load balance.

# Frequency

Specify the balance load frequency.

# **Task Counts**

Specify the balance load task count.



# Cut-off Time

Specify the balance load cut-off time.

3. Once you have specified the above details, click 'Next' and system displays the next screen.

# 1.2.24 Setting BIB Properties

If you have selected Bank in a Box (BIB) plug-in, you need to set the BIB properties.

1. Set the BIB properties.

	erty File Creation nt screen provides an option	for BIB configuration.	
No.	Name	Value	
1	Create Service Request	http://10.10.10.10:1010/CreateServiceRe	equest
2	Query Service Request	http://10.10.10.10:1010/QueryServiceRequest	
3	Update Service Request	http://10.10.10.10:1010/UpdateServiceRequest	
4	Customer Party	http://10.10.10.10:1010/CustPartyDetails	
5	Offer Details	http://10.10.10.10:1010/OfferDetails	
6	Customer Populate	http://10.10.10.10:1010/CustomerPopul	ate
7	Customer Prospect	http://10.10.10.10:1010/CustomerProsp	ect
8	Customer KYC Fail	http://10.10.10.10:1010/CustomerKYCF	ail

2. Specify the following details related to Bank in a Box (Siebel CRM integration).

# **Create Service Request**

Specify the URL of the create service request web service.

E.g.: http://10.10.10.1010/CreateServiceRequest

# **Query Service Request**

Specify the URL of the query service request web service.

E.g.: http://10.10.10.1010/QueryServiceRequest

# **Update Service Request**

Specify the URL of the update service request web service.



E.g.: http://10.10.10.1010/UpdateServiceRequest

# **Customer Party**

Specify the URL of the customer party details web service.

E.g.: http://10.10.10.10:1010/CustPartyDetails

# **Offer Details**

Specify the URL of the offer details web service.

E.g.: http://10.10.10.10:1010/OfferDetails

# **Customer Populate**

Specify the URL of the customer populate web service.

E.g.: http://10.10.10.1010/CustomerPopulate

# **Customer Prospect**

Specify the URL of the customer prospect web service.

E.g.: http://10.10.10.10:1010/CustomerProspect

# **Customer KYCFail**

Provide the URL of the Customer KYCFail Web Service.

E.g.: http://10.10.10.10:1010/CustomerKYCFail

3. Once you have set the above details, click 'Next'.

The following screen is displayed:



No.	Name		Value	
1	Date Format	yyyy-MM-dd		
2	Date Seperator	NULL		
3	WorkFLow Frequency	6000		
4	Compress Request	~		
5	Compress Response			

#### **Date Format**

Specify the format in which the date should be displayed.

#### **Date Separator**

Specify the date separator symbol. This symbol will be used to separate date, month and year.

# Workflow Frequency

Specify the workflow frequency.

## **Compress Request**

Check this box to compress request.

#### **Compress Response**

Check this box to compress responses.

- 5. Once you have specified these details, click 'Next'.
- 6. If you are deploying the application in decentralized mode, the installer displays the following screen:



🖆 Oracle FLEXCUBE Universal Installer			
Oracle FLEXCUBE	Universal Banking	ORACLE	
Property File Creation Current screen provides an	option for modifying the De-Centralized prop	oerty values.	
Work Area Host Server URL Image file path Image file format Online Pooling Frequency Untank Pooling Frequency	/BrnDbgs http://10.10.10.10:1010/FCJNeoWeb /ImageFile JPG 30 in Secs 300 in Secs		
Log	Back	Next Exit	

7. Specify/modify the following decentralised property values.

## Work Area

Specify the path of the work area

## Host Server URL

Specify the URL of the host server.

# Image File Path

Specify the path where the image has to be stored.

#### Image file format:

Specify the format of the image file, for example, JPG.

# **Online Pooling Frequency**

Specify the online pooling frequency in seconds.

# Untank Pooling Frequency

Specify the untank polling frequency in seconds.

8. Once you have specified these details, click 'Next' and the following screen is displayed:



🕌 Oracle FLEXCUBE Universal Installer		- • •		
Oracle FLEXCUBE Universal B	Banking	ORACLE		
Property File Creation				
Current screen provides an option for Enal	bling Single Sign on			
SSO Required				
SSO KEY	DN			
Authentication details maintained external	to FLEXCUBE Branch			
External Password Required	Authentication Type	MSAD 💌		
External User Login Required				
Single sign-on (SSO) is a property of access control of multiple related, but independent software systems. With this property a user logs in once and gains access to all systems without being prompted to log in again at each of them. Conversely, Single sign-off is the property whereby a single action of signing out terminates access to multiple software systems. This screen provides an option for External Authentication. If External Authentication				
Log	Back	Next Exit		

9. Specify the following SSO details for the branch:

# SSO Required

Check this box to enable single sign-on (SSO).

<sup>1</sup> If you check this box, you need to enter the SSO Key.

# SSO Key

Specify the SSO key.

🙆 Oracle FLEXCUBE Universal Installer		
Oracle FLEXCUBE Universal B	anking	ORACLE
Property File Creation Current screen provides an option for Enable SSO Required SSO KEY Authentication details maintained external to External Password Required External User Login Required Single sign-on (SSO) is a property of access independent software systems. With this paccess to all systems without being prom Conversely, Single sign-off is the property terminates access to multiple software systems.	DN FLEXCUBE Branch Authentication Type ss control of multiple related, property a user logs in once a pted to log in again at each of whereby a single action of single stems.	and gains = f them. gning out
Log	Back	Next Exit

🖤 If you have checked the box 'SSO Required', you need to specify the SSO key.

 If you have checked the box 'SSO Required', the Installer will skip the following two screens and directly navigate to the SSL screen shown below in this manual. If you have not checked the box 'SSO Required', then there is a need to update following details.

## **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 SSL screen shown below in this manual.



🕌 Oracle FLEXCUBE Universal Instal	er		
Oracle FLEXCUBE Univ	versal Banking		ORACLE
Property File Creation Current screen provides an option SSO Required SSO KEY Authentication details maintained External Password Required External User Login Required Single sign-on (SSO) is a proper independent software systems, access to all systems without b Conversely, Single sign-off is the terminates access to multiple stored	DN external to FLEXCUBE Authentication Type ty of access control of multiple With this property a user logs eing prompted to log in again a e property whereby a single ac oftware systems.This screen	in once it each o tion of si provides	nut ▲ and gains ■ f them. gning out an
Log	B	ack	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 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.



실 Oracle FLEXCUBE Universal Installer		
Oracle FLEXCUBE Unive	ersal Banking	ORACLE'
Property File Creation Current screen provides an option SSO Required SSO KEY Authentication details maintained of External Password Required External User Login Required Single sign-on (SSO) is a property independent software systems. V access to all systems without be Conversely, Single sign-off is the terminates access to multiple so option for External Authentication		in once and gains t each of them. tion of signing out rovides an
Log	Bac	x 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.

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



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	

## LDAP Server URL

Specify the URL to access the LDAP server where the external user Ids or passwords 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 in the field 'LDAP SERVER URL'.

# **Security Authentication Type**

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

Simple (in most cases) Strong

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



# **Domain Name**

Specify the domain name.

# LDAP Server Timeout

Specify the LDAP server timeout in milliseconds.

Note the following:

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

You must enter a positive integer value. For example, 1000, 10000, 5000, etc.

If the value specified is zero or less, it indicates that no read timeout is specified. Then, the wait for the response infinite until it is received.

13. Once you have specified the above details, click 'Next' and the following screen is displayed:

🛃 Oracle FLEXCUBE Universal Installer	- • •
Oracle FLEXCUBE Universal Banking	ORACLE
Property File Creation	
Choose Enable SSL option for Securing confidential user information	
✓ SSL Enabled?	
If the SSL Enabled option is unchecked then this setting will put your a risk. OFSS will not hold any responsibility for the Data Loss.	application at
Log	Next Exit

14. Specify the following details:

## **SSL Enabled**

This check box, if checked, indicates that the SSL is enabled.

 Once you have specified the above detail, click 'Next'. The following 'Choose Option' screen is displayed if the check box 'SSL Enabled' is not checked.



Choose Option	
?	Are you sure you want to change the setting to SSL Enabled? The current security settings will put your application at risk.
	<u>Y</u> es <u>N</u> o

<sup>100</sup> It is recommended that you enable SSL.

16. Once you have selected 'Yes' or 'No', the following screen is displayed:

-	erty File Creation nt screen accepts De-Centralized	schema Details.	
SL no	Name	Value	•
1	User Name	Installer	
2	Password	•••••	
3	Connect String	testdb	
4	Port No	1521	
5	IP Address	10.10.10.10	

17. Specify the following details:

## User Name

Specify the branch schema user name.

# Password

Specify the password to access the branch schema.

# **Connect String**

Specify the connect string.

# Port No

Specify the database server port of the branch schema.



# **IP Address**

Specify the database server IP address of the branch schema.

18. Once you have specified the above details, click 'Next' and the next screen is displayed:

# 1.2.25 Setting FCIS UBS Adapter Properties

This section describes the FCIS UBS Adapter properties setup.

🛃 Oracle FLEXCUBE Universal Installer		
Oracle FLEXCUBE Universal Banking		
Property File Creation Current screen provides an option for spec	fying Call Out Adapter Proper	ties.
Name	Value	
FCUBSAccService Url	htt://10.10.10.10:1111	
Log	Back	Next Exit

19. Specify the 'FCUBSAccService Url' and click 'Next' and next screen is displayed.

# 1.2.26 Setting ELCM Properties

This section describes the ELCM properties setup.

1. Following screen is displayed for ELCM properties.

ORACLE

🕌 Oracle FLEXCUBE Universal Installer					
Oracle FLEXCUBE Universal Banking	ORACLE				
Property File Creation					
Current screen provides an option for modifying the ELCM properties.					
Embeding Type Normal 💌					
DataSources					
Include WebServices? Provider_URL					
Normal- This type does not involve ELCM related Installation or Configuration. Basically used for Demo purposes. Embed- This type embeds ELCM as a part of FCUBS. ELCM works with FCUBS as a single module. Hybrid- FCUBS is deployed in Hybrid mode and Centralized tracking of ELCM will be done with multiple instances of FCUBS deployed in hybrid mode.					
Log Back	Next Exit				

# **Embedding Type**

Specify the embedding type. Choose one of the following:

Normal Embed Hybrid

## **Data Sources**

Specify the ELCM data source. The standard format is 'jdbc/fcjdevDS'. Notice that the ELCM data source is always the same as the 'Datasource JNDI'.

#### Include WebServices?

Check this box to include ELCM web services during property file setup.

3. Once you have specified the above details, click 'Next' and the next screen is displayed:

# 1.2.27 Saving Property File

After completing all the required settings explained above, you need to save the property file.

1. Save the property file.

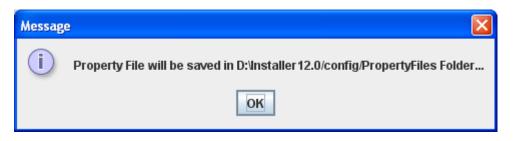


our our contraction	allation Displays the status of the object	loaded.	
08 14 11:38:3 08 14 11:38:3 08 14 11:38:3 08 14 11:38:3 08 14 11:40:2 08 14 11:40:2	32 PropWebBrnFCJ [DEBUG] 32 PropWebBrnFCJ [DEBUG] 32 PropWebBrnFCJ [DEBUG] 32 PropWebBrnFCJ [DEBUG] 32 PropWebBrnFCJ [DEBUG] 39 FcubsInstaller [DEBUG] 49 PropHostElcmFCJ[DEBUG 49 PropHostElcmFCJ[DEBUG	Process()> CLIENT_D Process()> BRANCH_ com.ofss.installer.fcubs. extButtonActionPerformed ; com.ofss.installer.fcubs	ATE_SEPARAT NORKFLOW_F PropHostElcmf >Next action is PropHostElcm
4	III		•

2. You can view the status of property file creation in the above screen. Once the file is saved, the installer displays the following message:

Message 🛛 🔀	
i	Property File saved successfully
	ОК

3. If you do not use the 'Save' or Save As' buttons, the installer will save the properties file in '<InstallerSources>\config\PropertyFiles' folder. In that case, you will see the message below.



This completes the properties file creation.





FCUBS Property File Creation [May] [2016] Version 12.2.0.0.0

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