# Oracle® Banking Payments Payments Installer Property File Creation



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ORACLE

Oracle Banking Payments Payments Installer Property File Creation, Release 14.8.0.0.0

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## 1 Preface

- Purpose
- Audience
   This manual is intended for the following User/User Roles:
- Documentation Accessibility
- Critical Patches
- Diversity and Inclusion
- Conventions

## 1.1 Purpose

This guide is designed to help acquaint you with the Oracle Banking Payments application. This guide provides answers to specific features and procedures that the user need to be aware of the module to function successfully.

### 1.2 Audience

This manual is intended for the following User/User Roles:

#### Table 1-1 User Roles

Role	Function
Implementation & IT Staff	Implementation & Maintenance of the Software

## 1.3 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

#### Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

## **1.4 Critical Patches**

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at Critical Patches, Security Alerts and Bulletins. All critical patches should be applied in a timely manner to make sure effective security, as strongly recommended by Oracle Software Security Assurance.



## 1.5 Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

### **1.6 Conventions**

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

## 2

## Creating Property File for Oracle Banking Payments Installer

- Introduction
- Creating PropertyFile

## 2.1 Introduction

This chapter explains the steps to create property file for Oracle Banking Payments Installer Application. Two property files are created. While creating the fcubs.properties file, the environment property file gets generated.

## 2.2 Creating PropertyFile

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

- Default Installation
- Custom Installation
- Setting General Properties
- Setting Single Sign on
- Setting CSS Style
- Configuring Scheduler
- Setting EMS Properties
- Saving Property File

### 2.2.1 Default Installation

1. Launch Oracle Banking Payments Installer bat file i.e. FCUBSInstaller.bat in Windows.



#### Figure 2-1 FCUBSInstaller.bat

- 2. In the first screen, provide the following details:
  - a. JAVA HOME PATH Provide the JDK home path with the latest version.
  - b. ORACLE HOME PATH Provide the Oracle 12C Client Path.
  - c. APP SERVER HOME PATH Provide the app server home path.
- 3. Launch Oracle Banking Payments Installer sh file i.e. FCUBSInstaller.sh in Linux.

#### Figure 2-2 FCUBSInstaller.sh

JAVA_HOME = /scratch/app/java/jdk1.8.0_111/	
APPSERVER_HOME = /scratch/app/0racle/Middleware/0racle_Home/wlserver/	
DRACLE HOME = /scratch/fmw12c/app/fmw12c/product/12.1.0/dbhome 1/	
learing the compiled files	
clearing the jar file. Clearing the compiled classes files.	
ompiling the sources Start kdir: cannot create directory `classes': File exists	
/Library/common/xml-apis-2.11.0.jar:./Library/common/commons-codec-1.10.jar:./Library/common/ojdbc6.jar:./Library/ora jar:./Library/installer/apache-ant-1.10.1/lib/ant-launcher.jar:./Library/installer/apache-ant-1.10.1/lib/ant.jar:./Li	
mmon/log4j-api-2.8.1.jar:./Library/common/log4j-core-2.8.1.jar:./Library/common/commons-io-2.5.jar:./Library/common/>	xercesIm
l-2.11.0.jar:./Library/installer/yuicompressor-2.4.8.jar:/scratch/app/Oracle/Middleware/Oracle_Home/wlserver//server/ ogic.jar:/scratch/app/java/jdk1.8.0 111//lib/tools.jar:/scratch/app/Oracle/Middleware/Oracle Home/wlserver//server/li	
ic.jar:/scratch/app/java/jdk1.8.0_111//lib/tools.jar:	
ompiled sources successfully.	
uilding the jar file Starts hecking for classes folder	
lasses folder exist	
opying the property files into Classes. reating Images directory under Classes.	
kdir: cannot create directory `classes/Images': File exists	
opying Images from src folder to classes/Images. reating META-INF directory under Classes.	
kdir: cannot create directory `classes/META-INF': File exists pying MANIFEST.MF into Classes/META-INF.	
ilding the jar file.	
uilding jar is done.	
unning Installer in UI Mode	
or Running Installer in Silent Mode give /s commond line argument to Batch file	
SOURCE : bash	

Provide the Necessary details.

After providing these details, INSTALLER-GUI is generated. After that follow the below details.

📓 Oracle FLEXCUBE Unive	ersal Installer 12.5.0.0.0	– 🗆 X
Oracle Bank	ing Installer	
Welcome To Oracle Uni	versal Banking Installer	
Prerequisites		
<ul> <li>JDK should b</li> </ul>		
Please specify the JDK a	and Oracle Home path.	
JDK Path	C:/Program Files/Java/jdk1.8.0_311 Bro	wse
Oracle Home Path	D:/app/client/product/19.0.0/client_1 Bro	owse
Configuration Mode	Normat	
Please select any one o	f the below options:	
Property File creation		
Exit	og	Back

#### Figure 2-3 INSTALLER-GUI

Enter the following details

- JDK Path Maintain home folder path of JDK1.8.
- Oracle Home Maintain home folder path of Oracle Database Client.
- Configuration Mode Select one of the following values:
  - a. Normal For Standalone
  - b. Application Root For Multi-Tenant

Select one of the radio buttons:

- a. Property File creation
- b. Utilities

Based on the selection, Next screen will be shown .Click Property File creation for the current case.

- 4. Click Next and the following screen is displayed.
  - Select INFRA for Oracle Banking Payments property file creation .To create property file for Scheduler or Gateway please refer the respective property file creation document.



 For Codeployed setup with 'Oracle FLEXCUBE Universal Banking' or 'Oracle FLEXCUBE Universal Banking for 'JAPAN' respective Product Processors should also be checked.

Oracle Banking	Installe	er	June	3)	
elect one of the Components					
Load Existing Property File					Browse
INFRA O Schedule	Gate	way 🔾 Sw	itch Interface Installation		
elect Oracle Product Proces	sors				
Oracle FLEXCUBE Unive	rsal Banking				
Oracle FLEXCUBE Enter	orise Limits a	nd Collateral Ma	nagement (CO-DEPLOY)		
	Prine Calinta di				
✓ Oracle Banking Paymer					
	ts	🔲 Open Dev	elopment Tool		
Oracle Banking Paymer	ts te Lending		elopment Tool Oracle FLEXCUBE Universal	Banking for JAPAN	
Oracle Banking Paymer Oracle Banking Corpora	ts te Lending Y			Banking for JAPAN	
Oracle Banking Paymer Oracle Banking Corpora Oracle Banking Treasur	ts te Lending Y			Banking for JAPAN	
Oracle Banking Paymer Oracle Banking Corpora Oracle Banking Treasur Oracle Banking Treasur	ts te Lending y nance		Oracle FLEXCUBE Universal	Banking for JAPAN	
Oracle Banking Paymer Oracle Banking Corpora Oracle Banking Treasur Oracle Banking Treasur Oracle Banking Trade Fi elect Plugins to be Installed	ts te Lending y nance		Oracle FLEXCUBE Universal	Banking for JAPAN	
Oracle Banking Paymer Oracle Banking Corpora Oracle Banking Treasur Oracle Banking Treasur Oracle Banking Trade Fi elect Plugins to be Installed Branch	ts te Lending y nance	ad Existing Bran	Cracle FLEXCUBE Universal		
Oracle Banking Paymer Oracle Banking Corpora Oracle Banking Treasur Oracle Banking Trade Fi elect Plugins to be Installed Branch Host Address 10 10 10 10	ts te Lending y nance to	ad Existing Brand	Oracle FLEXCUBE Universal	Standalone  Standalone  Standalone  Stantalone  Stanta	

#### Figure 2-4 Option 1 – Standalone Scheduler:

- a. Select the Product processor as Oracle Banking Payments for Payments Property file creation.
- **b.** Select Scheduler which is Standalone, where Scheduler will be Standalone with EAR.
- c. Select Oracle Banking Payments for Payments Property file creation. Select Scheduler which is Embedded, as we are integrating with EAR.

elect one of the	Components					
Load Existing P	Property File					Browse
INFRA	Scheduler	Gater	way 🔾 Sw	itch Interface Installation		
elect Oracle Pr	oduct Processo	rs				
Oracle FLE	XCUBE Universa	al Banking				
Oracle FLE	XCUBE Enterpris	se Limits a	nd Collateral Mar	nagement (CO-DEPLOY)		
- A A A A A A A A A A A A A A A A A A A	king Payments					
Oracle Ban	king Corporate	Lending		elopment Tool		
Oracle Ban		Lending		elopment Tool Oracle FLEXCUBE Universal	Banking for JAPAN	
Oracle Ban	king Corporate				Banking for JAPAN	
Oracle Ban	iking Corporate iking Treasury iking Trade Fina				Banking for JAPAN	
Oracle Ban Oracle Ban Oracle Ban Oracle Ban	iking Corporate iking Treasury iking Trade Final be Installed	nce		Oracle FLEXCUBE Universal	Banking for JAPAN	
Oracle Ban Oracle Ban Oracle Ban Oracle Ban Rect Plugins to	iking Corporate iking Treasury iking Trade Final be Installed	nce		Oracle FLEXCUBE Universal	Banking for JAPAN	
Oracle Ban Oracle Ban Oracle Ban Oracle Ban Hect Plugins to Branch	iking Corporate iking Treasury iking Trade Final be Installed	nce	ad Existing Brand	Oracle FLEXCUBE Universal		
Oracle Ban Oracle Ban Oracle Ban Oracle Ban Nect Plugins to Branch Host Address	iking Corporate iking Treasury iking Trade Final be Installed	nce La	ad Existing Brand	Oracle FLEXCUBE Universal	Embedded V	

Figure 2-5 Option 2 – Embedded Scheduler:

5. Click **Next** and the following screen is displayed:

For Multi-Entity Details

Oracle Banking I	nstaller		
SMS Schema Details			
Name	Value		
Username	OBPMENSMS	-	
Password	******		
Service Name	PM141PDB1		
IP Address	whf00aes.in.oracle.com		
Port	1523		
TNS Connect Descriptor	PM141PDB1		Test Connection
	Same as SMS Schema JNDI Name jdbc/fcjdevD	S	
		s 🔹	Compile in All Entities
Entity Id ENTITY_ID1	JNDI Name jdbc/fcjdevD	S	Compile in All Entities
Entity Id ENTITY_ID1 Name Username	JNDI Name jdbc/fcjdevD Value		Compile in All Entities
Entity Id ENTITY_ID1 Name Username Password	JNDI Name jdbc/fcjdevD Value OBPMENTY1		Compile in All Entities
Entity Id ENTITY_ID1 Name Username Password Service Name	JNDI Name jdbc/fcjdevD Value OBPMENTY1		
Entity Id ENTITY_ID1 Name Username Password Service Name	JNDI Name jdbc/tcjdevD Value OBPMENTY1 ••••••• PM141PDB1		Test Connection
Name Username Password Service Name IP Address	JNDI Name jdbc/fcjdevD Value OBPMENTY1 ••••••• PM141PDB1 whf00aes in.oracle.com		
Entity Id ENTITY_ID1 Name Username Password Service Name IP Address Port	JNDI Name jdbc/fcjdevD Value OBPMENTY1 •••••••• PM141PDB1 whf00aes.in.oracle.com 1523 PM141PDB1		

#### Figure 2-6 Multi Entity Deployment:

#### Figure 2-7 Multi Entity Deployment:

				INSTALLER
SMS Schema Details				
Name	Value			
Username	OBPMENSMS	<u>^</u>		
Password	•••••			
Service Name	PM141PDB1	_		
IP Address	whf00aes.in.oracle.com			
Port	1523			
i on				
TNS Connect Descriptor	PM141PDB1	vDS1	Test Con	rection
TNS Connect Descriptor	Same as SMS Schema	VDS1	Test Cont	
TNS Connect Descriptor Entity Schema Details Entity Id ENTITY_ID2	Same as SMS Schema JNDI Name jdbc/fcjde	VDS1		
TNS Connect Descriptor Entity Schema Details Entity Id ENTITY_ID2 Name	Same as SMS Schema JNDI Name jdbc/fcjde Value			
TNS Connect Descriptor Entity Schema Details Entity Id ENTITY_ID2 Name Username	Same as SMS Schema JNDI Name jdbc/fcjde Value OBPMENTY2			
TNS Connect Descriptor Entity Schema Details Entity Id ENTITY_ID2 Name Username Password	Same as SMS Schema JNDI Name jdbc/fcjder Value OBPMENTY2		Compile in .	All Entities
TNS Connect Descriptor Entity Schema Details Entity Id ENTITY_ID2 Name Username Password Service Name	Same as SMS Schema JNDI Name jdbc/fcjder Value OBPMENTY2 ••••••• PM141PDB1			All Entities
TNS Connect Descriptor Entity Schema Details Entity Id ENTITY_ID2 Name Username Password Service Name IP Address	Same as SMS Schema JNDI Name idbc/fcjder Value OBPMENTY2 ••••••• PM141PDB1 whf00aes.in.oracle.com		Compile in .	All Entities
TNS Connect Descriptor Entity Schema Details Entity Id ENTITY_ID2 Name Username Password Service Name IP Address Port	Same as SMS Schema JNDI Name jdbc/fcjder OBPMENTY2 •••••• PM141PDB1 whf00aes.in.oracle.com 1523		Compile in .	All Entities



#### Scenario for More than One Entity, i.e. Multi Entity:

Provide the SMS Schema Details.

- Post test connection, now give the Entity Schema Details.
- Here Entity Schema is mandatory, atleast minimum one entry should be provided.
- Entity Id value is default i.e. 'ENTITY\_ID1' for first entry.
- Provide the JNDI Name for the ENTITY\_ID1. By default the jndi name is 'jdbc/ fcjdevDS'
- Give the Schema Details for the Entity1.
- After providing the First Entity details, click on '+' Add the rows, if any additional Entities are to be setup.
- Now give the details for Entity\_ID2. Here the field is mandatory.
- Provide the schema details and the JNDI name.
- Next and Prev button is to traverse for entity screens.
- Can also add the entities and delete the entities

For Single Schema Details

	nstaller	INSTALLER
SMS Schema Details		
Name	Value	
Username	OBPM141OSC	
Password	•••••	
Service Name	OBPMR2	
IP Address	whf00akd.in.oracle.com	
Port	1522	
Port TNS Connect Descriptor Entity Schema Details Entity Id ENTITY_ID1	1522 OBPMR2 ▼ Same as SMS Schema JNDI Name jdbc/fcjdevDS	Test Connection
TNS Connect Descriptor	OBPMR2	Test Connection
TNS Connect Descriptor Entity Schema Details Entity Id ENTITY_ID1	OBPMR2 ✓ Same as SMS Schema JNDI Name Jdbc/fcjdevDS	
TNS Connect Descriptor Entity Schema Details Entity Id ENTITY_ID1 Name	OBPMR2	
TNS Connect Descriptor Entity Schema Details Entity Id ENTITY_ID1 Name Username	OBPMR2	
TNS Connect Descriptor Entity Schema Details Entity Id ENTITY_ID1 Name Username Password	OBPMR2	
TNS Connect Descriptor Entity Schema Details Entity Id ENTITY_ID1 Name Username Password Service Name	OBPMR2     ▼       ✓ Same as SMS Schema     JNDI Name       JNDI Name     jdbc/fcjdevDS       ✓     0BPM1410SC       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●       ●     ●	

#### Figure 2-8 Option 2 - Single Entity Deployment:

Provide the SMS schema details to capture the credentials which will be used for DBCompilation.



Here Same as SMS Schema Field is 'Y'

- Entity Id value is default i.e. 'ENTITY\_ID1' for first entry.
- Provide the JNDI Name for the ENTITY\_ID1. By default the jndi name is 'jdbc/ fcjdevDS'
- Give the Schema Details for the Entity1.
- Here Compile In All Entities Field is 'Y'.

#### Note:

IP Address should be same as mentioned in the TNSnames.ora

Once the connection is successful env.properties file present in path INSTALLERISOFTIGUIIlogsIenv.properties will get updated with schema details in encrypted format.

 Click on 'Test Connection' button. After Successful connection click on 'Next' button to proceed and below Screen occurs. This Screen displays database parameters listed in v\$parameter table.

This page is Read only used as reference to know the database parameters.

Schema drop down list is provided to verify parameters of SMS and Entity Schemas.

i nis s	creen displays the parameters to be configured	in v\$parameter table. Sc	hema SMS_SCH	
S.No	Parameter	Current Value	Expected Value	
1	_optimizer_connect_by_cost_based	FALSE	FALSE	-
2	_allow_level_without_connect_by	TRUE	TRUE	
3	_unnest_subquery	FALSE	FALSE	
4	_hash_join_enabled		FALSE	
5	ALWAYS_SEMI_JOIN		NESTED_LOOPS	
6	_optimizer_cost_based_transformation	OFF	off	
7	audit_trail	DB	NONE	
8	blank_trimming	TRUE	TRUE	
9	cursor_sharing	FORCE	FORCE	
10	cursor_space_for_time	FALSE	FALSE	
11	nls_date_format	DD-MON-RRRR	DD-MON-RRRR	
12	optimizer_index_caching	90	90	
13	optimizer_index_cost_adj	50	50	
14	optimizer_mode	ALL_ROWS	ALL_ROWS	
15	parallel_adaptive_multi_user	FALSE	FALSE	
16	parallel_automatic_tuning		FALSE	-

#### Figure 2-9 SMS and Entity Schemas

7. Click on **Next** Button. This screen displays the grants provided to the schema. If object compilation is required and the privilege is not given, then you can find that out from this screen.

Schema drop down lists SMS and Entity Schemas. Select Schema and proceed further.

l <mark>atabase Installa</mark> his screen displa	ivs the Grants provided to the schema.	Schema SMS_SCH	L <b>•</b>
S.No	Grant Privilege Required	Grant provided	
1	CREATE SESSION	Y	<b>•</b>
2	SELECT ON DBA_JOBS	Y	
3	SELECT ON DBA_JOBS_RUNNING	Y	=
4	SELECT ON V_\$DATABASE	Y	
5	SELECT ON V_\$NLS_PARAMETERS	Y	
6	SELECT ON V_\$PARAMETER	Y	
7	SELECT ON V_\$PROCESS	Y	
8	SELECT ON V_\$SESSION	Y	
9	SELECT ON V_\$TIMER	Y	
10	SELECT ON V_\$INSTANCE	Y	
11	CREATE DATABASE LINK	Y	
12	CREATE LIBRARY	Y	
13	CREATE MATERIALIZED VIEW	Y	
14	CREATE PROCEDURE	Y	
15	CREATE SEQUENCE	Y	
16	CREATE SYNONYM	Y	-

#### Figure 2-10 SMS and Entity Schemas

 Click Generate Report button, the installer creates an SQL file 'grantScript.sql' containing the script for granting the privileges in the 'Logs' folder and the following screen is displayed

You can use this file to get the access.

#### Note:

Only the sys user can execute the file 'grantScript.sql' for granting privileges.



Gracle FLEXCUBE Un	iversal Installer 1	4.2.0.0.0	
Oracle Ban	king Insta	aller	
Provide Environment	details.		
EAR Name Context Name	FCUBS FCJNeoWeb		
File Seperator Style	Linux	×	
Application Server	Weblogic	<b>•</b>	
External JSUIXML Re	equired		
External PropertyFile	e Required		
Application Server Pat	th	D:/oracle/wis12210/wiserver	Browse
Source Path		D:/14.10sdc/14.2.0.0.0/OB_PAYMENTS_14.2.0.0.0_GA_OUT	Browse
Ear Destination Path		D:/14.10sdc/14.2.0.0.0/OB_PAYMENTS_14.2.0.0.0_GA_OUT	Browse
External JSUIXML Pat	h		Browse
External PropertyFile F	Path		Browne
Exit	Log		Back Next

Figure 2-11 g	grantScri	pt.sq
---------------	-----------	-------

EAR Name - Specify a name for the Application to be deployed.

You cannot use special characters such as '.' (Dot), ',' (comma), '\$' etc. However, you may use '\_' (underscore). – Applicable for both Windows and Linux.

**Context Name** - Based on the Application type selected, the Installer displays the application context. However, you may modify the default value.

This information will be updated in 'application.xml'. In case of a WebLogic server, this will be updated in 'weblogic.xml'.

**File Separator Style** - Specify the type of file separator (For example: Linux or Windows). Select the appropriate one from the dropdown list. You also need to specify the version of the selected operating system.

**Application Server** - Specify the application server in which you are creating the property file. Select the appropriate one from the adjoining drop-down list. For WebSphere, External JSUIXML Required option is not supported.

**External JSUIXML** - Required Specify whether screen changes will be deployed as External JSUIXML for the application.

EXTERNAL\_JSUIXML\_REQUIRED=Y/N: Depending on requirement

EXTERNAL\_JSUIXML\_REQUIRED=N: JS and UIXML files are included inside the application EAR.

EXTERNAL\_JSUIXML\_REQUIRED=Y: JS and UIXML and HELP files are kept in an external path in the application server.



**External Property File Required** - Specify whether screen changes will be deployed as External fcubs.properties for the application.

EXTERNAL\_PROPERTY\_PATH\_REQUIRED =Y/N: Depending on requirement

EXTERNAL\_PROPERTY\_PATH\_REQUIRED =N: fcubs.properties file is included inside the application EAR.

EXTERNAL\_PROPERTY\_PATH\_REQUIRED =Y: fcubs.properties file is kept in an external path in the application server.



External property file path should have the property file name also with it. For example: C:\App\fcubs.properties

Application server path Provide the Application Server Path.

**Source Path** Provide the source path of the console exec directory. (Mention exact folder name after unzip the source)

**Ear Destination path** Specify the path where Ear needs to be copied after building it using SOFT Installer.

#### **External JSUIXML Path**

In case External JSUIXML Required option is checked, External JSUIXML path on the application server machine has to be specified here. External JSUIXML required option is supported only for Weblogic Application Server. EXTERNAL\_JSUIXML\_PATH: ex:- / scratch/work\_area/DEV/PM146OSDC/JS\_UIXML\_HELP -this can be any path in the Application server.

#### **External Property File Path**

In case External Property File required option is checked, External Property File path on the application server machine has to be specified here.

9. Click Next to continue and following screen is displayed:



S Oracle FLEXCUBE Universal Installer 14.2.0.0.0		
Oracle Banking Installer		
Property File Creation		
Release	KERNEL	
Hashing Algorithm Iteration Count	10000	
Security Key for Encryption Logic	oraclefinancials	
Exit		Back Next

Figure 2-12 Property File Creation

**Release** - Specify the release in which you are creating the property file. Default Option would be 'KERNEL'. The options are:

- KERNEL
- MX Cluster
- IT Cluster

Specify the Hashing algorithm iteration count. By default it is 1000.

'Security Key for Encryption Logic' is the key (exact 16 characters) for all encryption logic. By default is 'oraclefinancials'.

### 2.2.2 Custom Installation

Custom – All details are to be provided.



		INSTALLER
Property File Creation - Dat Please enter DataSource N		
SMS Data Source	jdboffcjsmsDS	
Branch Data Source	jdboficjdevDSBranch	
Scheduler Data Source	[dbofc]SchedulerDS	
PM Online JNDI	jdbc/fcjdevDS	
PM Batch JNDI	jdbc/fcjdevDS	
Webservices Provider URL	t3://localhost.7001/	
Host Server URL	https://10.10.10.1010/FCJNeoWeb	
Standalone Scheduler URL	https://10.10.10.10.7001/ScheduleNeoWeb	
Standalone Senegardi UNL	1.100 10.10.10.10.100 Incuredulencomed	

Figure 2-13 Custom Installation

- 1. Please enter Data sources required which will be asked as per the product, Plug-in and Component combinations chosen in the first screen.
- 2. Sms Datasource will be always enabled as it is required for most of the cases.
- **3.** Standalone Scheduler URL field is enabled for Standalone Scheduler Setup and provide the context as 'ScheduleNeoWeb'.

### 2.2.3 Setting General Properties

This section describes the process of setting common properties of Oracle FLEXCUBE Payments. The installer displays the 'General Property' screen.



Gracle FLEXCUBE Univer	sal Installer 14.2.0.0.0	6	
Oracle Banki	ng Installer		
Property File Creation			
Debug Logs Required	Yes Ves LOV Fetch Required	External LOV Rec	quired
Work Area	/BrnDbgs/	Auto clear User	YES 💌
Signature Path	/BrnDbgs/		
Excel Path	/BrnDbgs/		
Request Time Out			
Connection Time Out	1800000 milli seconds	Max Image Size	1048576 Bytes
Session Time Out	3600 Seconds	User Batch Time	0 Hours
Ch. Hanna	1800 Seconds		
CSS Style	Default	Name	Flexblue
Language	ENGLISH	ISO Code	en
Application Title	FLEXCUBE UBS		
Version	14.2.0.0.0		
	Copyright © 2017,2018, Oracle and/or its affiliate	es. All rights reserved.	
CopyRights			
Exit Lo			Back Next
	<u>.</u>	68	
5			

#### Figure 2-14 Setting General Properties

Specify the following details:

Field	Description
Debug Logs Required	If debug option is required, select 'Yes' from the drop-down list. If not required, select 'No'. By default the value is 'No'. <b>Note</b> : Parameter APPLICATION_WORK_AREA in fcubs.properties will be updated to "Work Area" path provided during installation.
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.
External LOV Required	If you check this box, External Lov option for external Limits in FLEXCUBE will be enabled.
Work Area	Specify the work area. For example: D:\BrnDbgs\
Signature Path	Specify the location at which the signature images should be placed.
Excel Path	Specify the location at which the excel files should be generated.



Field	Description
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.By default it is 1800000 milli seconds.
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.
Max Image Size	Specifies the maximum image size that can be uploaded. The default size is 1048576 bytes.
CSS Style	<ul> <li>Specify the CSS style to be used from the adjoining drop down list. You can select one of the following CSS styles:</li> <li>Default – select this to apply the default style provided along with Oracle FLEXCUBE</li> </ul>
Name	Custom – select this to apply a custom style     Specify the name of the CSS style.     Once you have specified the above details, click 'Next'
Language	Specify the language in which you wish to see Oracle FLEXCUBE UBS. 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. For example: FLEXCUBE UBS
Version	Specify the application version. For example: 14.6.0.0
CopyRights	Specify the copyright details. For example: Copyright © 2017, 2020 Oracle and/or its affiliates. All rights reserved.

## 2.2.4 Setting Single Sign on

Figure 2-15	Setting Single Sign o	n
-------------	-----------------------	---

Prop	erty File Creation - Single Sign on	
sso	Required 🗌	SSO Type DEFAULT -
SSO	KEY DN	SSOType
Authe	entication details maintained external to	FLEXCUBE
Exter	mal Password Required	Authentication Type MSAD
Exter	nal User Login Required 📃	
	P	latform Security SMS Security Key oraclefinancials
Optic	on to provide LDAP server details	
Optic	on to provide LDAP server details	Value
-	on to provide LDAP server details	
-	on to provide LDAP server details Name	Value
-	n to provide LDAP server details Name LDAP SERVER URL	Value LDAP://10.10.10.10:111
-	IDAP SERVER URL	Value
-	In to provide LDAP server details Name LDAP SERVER URL LDAP SSL ENABLED SECURITY AUTHENTICATION TYPE	Value LDAP://10.10.10.10.111 Simple
No. 1 2 3 4 5	In to provide LDAP server details Name LDAP SERVER URL LDAP SSL ENABLED SECURITY AUTHENTICATION TYPE DOMAIN NAME	Value LDAP://10.10.10.10.111 Simple flexcube.com
No. 1 2 3 4 5	In to provide LDAP server details Name LDAP SERVER URL LDAP SSL ENABLED SECURITY AUTHENTICATION TYPE DOMAIN NAME LDAP SERVER TIMEOUT on to provide SAML details	Value LDAP://10.10.10.10.111 Simple flexcube.com
No. 1 2 3 4 5 Optic	In to provide LDAP server details Name LDAP SERVER URL LDAP SSL ENABLED SECURITY AUTHENTICATION TYPE DOMAIN NAME LDAP SERVER TIMEOUT on to provide SAML details	Value LDAP://10.10.10.10.111 Simple flexcube.com 0
No. 1 2 3 4 5 Optic	In to provide LDAP server details Name LDAP SERVER URL LDAP SSL ENABLED SECURITY AUTHENTICATION TYPE DOMAIN NAME LDAP SERVER TIMEOUT on to provide SAML details Name	Value LDAP://10.10.10.10:111 Simple flexcube.com 0 Value Value
No. 1 2 3 4 5 Optic	In to provide LDAP server details Name LDAP SERVER URL LDAP SSL ENABLED SECURITY AUTHENTICATION TYPE DOMAIN NAME LDAP SERVER TIMEOUT on to provide SAML details Name SAML CERTIFICATE PATH	Value           LDAP://10.10.10.10.111           Simple           flexcube.com           0           Value           D:\Security\SAML_Implementation\TestFiles\certicertstore\b

• Specify the following details:

Field	Description
SSO Required	Check this box to enable single sign-on (SSO). If you check this box, you need to enter the SSO Key and the SSO Type.
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:

racle	Banking Installer			
Prop	erty File Creation - Single Sign on			
SSO	Required 🗌	SSO Type DEFAULT V		
SSO	KEY DN	330 Type		
Auth	Authentication details maintained external to FLEXCUBE			
Exter	nal Password Required	Authentication Type MSAD		
Exter	nal User Login Required 🛛 🗌	MSAD LDAP		
Optic	on to provide LDAP server details	latform Security SMS Security Key oraclefinancials		
No.	Name	Value		
1	LDAP SERVER URL	LDAP://10.10.10.10:111		
2	LDAP SSL ENABLED			
3	SECURITY AUTHENTICATION TYPE	Simple		
4	DOMAIN NAME	flexcube.com		
5	LDAP SERVER TIMEOUT	0		
Optio	on to provide SAML details			
No.	Name	Value		
1	SAML CERTIFICATE PATH	D:\Security\SAML_Implementation\TestFiles\cert\certstore\b		
2	SAML CERTIFICATE PASSWORD	•••••		
3	SAML CERTIFICATE ALIAS	barc		
4	SAML VALID AUDIENCE	bPAID_BWSIT		
Exit	Log	Back Next		

#### Figure 2-16 Single Sign on

Field	Description
External Password Required	<ul> <li>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 Oracle Banking Payments application user ID. And the password can be MSAD/LDAP server password only.</li> <li>By default, this check box is unchecked. However, you can change this.</li> <li>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.</li> <li>If you check the box, then click 'Next' and the following screen is displayed:</li> </ul>
External User Login	Check this box to enable user login using MSAD/LDAP user ID. If you
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 Oracle Banking Payments application user ID.

Prop	erty File Creation - Single Sig	n on		
SSO	Required		DEFAULT	
SSO	KEY	DN	SSO Type	
Auth	entication details maintained e	external to	FLEXCUBE	
Exter	rnal Password Required	¥	Authentication Type MSAD	
Exter	rnal User Login Required	~	LDAP	
Optio	on to provide LDAP server det	-	atform Security SMS Security Key oraclefinancials	
Optio	Name	-	Value	]
	Name	-	Value LDAP://10.10.10.10:111	
	Name LDAP SERVER URL LDAP SSL ENABLED	tails	Value	
	Name	tails	Value LDAP://10.10.10.10:111 Simple	
	Name LDAP SERVER URL LDAP SSL ENABLED SECURITY AUTHENTICATIO DOMAIN NAME	tails	Value	
No. 1 2 3 4 5	Name	tails	Value LDAP://10.10.10.10:111 Simple flexcube.com	
No. 1 2 3 4 5	Name	tails	Value LDAP://10.10.10.10:111 Simple flexcube.com	
No. 1 2 3 4 5 Optic	Name	tails	Value           LDAP://10.10.10.10.111           Simple           flexcube.com           0	
No. 1 2 3 4 5 Optic	Name LDAP SERVER URL LDAP SSL ENABLED SECURITY AUTHENTICATIO DOMAIN NAME LDAP SERVER TIMEOUT on to provide SAML details Name	IN TYPE	Value           LDAP://10.10.10.10.1111           Simple           flexcube.com           0	
No. 1 2 3 4 5 Optic	Name LDAP SERVER URL LDAP SSL ENABLED SECURITY AUTHENTICATIO DOMAIN NAME LDAP SERVER TIMEOUT on to provide SAML details Name SAML CERTIFICATE PATH	IN TYPE	Value       LDAP://10.10.10.10.1111       Simple       flexcube.com       0         Value       D:\Security\SAML_Implementation\TestFiles\cert\certstore\b	

#### Figure 2-17 Single Sign on

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.

#### Note:

Authentication Type' is enabled if one of the above check boxes is checked.

Field	Description	
Authentication Type	<ul> <li>Select the authentication type from the adjoining drop-down list. This is the type of external server that is used. Select one of the following options:</li> <li>MSAD (Microsoft Active Directory)</li> <li>LDAP (Lightweight Directory Access Protocol)</li> <li>By default, 'MSAD' is selected; however, you can change it.</li> </ul>	
Platform Security	Platform Security option is available only for Weblogic and is not supported for Websphere. If the Platform Security box is checked for weblogic, the symmetric key is not stored in the property file for security reasons. If the Platform Security box is unchecked, the symmetric key is available in the property file and a warning message is displayed to the user.	
SMS Security Key	This field is used to capture the security key value if the Platform Security check box is checked.	



### 2.2.5 Setting CSS Style

**1.** 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 Banking Payments

Custom – select this to apply a custom style

#### Name

Specify the name of the CSS style.

2. Once you have specified the above details, click Next.

🛃 C	🔮 Oracle FLEXCUBE Universal Installer 14.2.0.0.0				
	Oracle Banking Installer			NSTALLER	
	Property File Creation - SMTPS/Branch/DMS Option for Mail configuring using SMTPS Protocol				
	lo.	Name	Value		
1		Host	samplename.mail.com		
2		UserId	infra		
3		User Password	•••••		
4		JNDI Name	mail/FCUBSMail		
Op	tion	for modifying the Branch properties		_	
1	lo.	Name	Value		
1		Date Seperator	-3	<b>^</b>	
2		WorkFLow Frequency	6000		
3		Compress Request	<b>V</b>	•	
Op	tion	for modifying the DMS/IPM property	values		
1	lo.	Name	Value		
1		Login Service Address	http://10.10.10.1010/imaging/ws/LoginService	<b>^</b>	
2		Document Service Address	http://10.10.10.10.1010/imaging/ws/DocumentService	_	
3		Document Content Service Address	http://10.10.10.10.1010/imaging/ws/DocumentContentService		
4		IPM User Name	testuser		
5		IPM Password	•••••	•	
	Exit Log Back Next				

#### Figure 2-18 Setting CSS Style

3. Specify the following details.

Field	Description	
Host	Specify the SMTP host name.	
User ID	Specify the user ID.	
User Password	Specify the user password.	



Field	Description
JNDI Name	Specify the JNDI name.

4. Once you have specified the above details, click 'Next' and system displays the next screen. Applicable for Single Schema Setup i.e. Option 2.

## 2.2.6 Configuring Scheduler

1. Click **Next** and the following screen is displayed. Specify the following details:

🖆 Oracle FLEXCUBE Universal Installer 14.2.0.0.0				
Oracle Banking Installer				
Property File Creation - Scheduler Queues				
Option for configuring Scheduler Destination Queue	Option for configuring Scheduler Defe	rred Queue		
Notify Destination	Notify Deffered Queue Name	DEFFERED_DEST_QUEUE		
Queue Connection Factory NotifyDestQCF	Deffered Queue Connection Factory	DefferedDestQCF		
Secure Caller ID	Caller Password			
Caller Password				
Notify Queue Location				
Option for configuring Scheduler Notify Internal Queue	Option for configuring Log	Rotation Interval		
Notify Queue Name NOTIFY_QUEUE	Scheduler Log Rotation In	terval WEEKLY		
Dead Letter Queue Name NOTIFY_QUEUE_DLQ	Option for External Server	configuration for Destination Queue.		
Notify Queue Connection Factory NOTIFY_MDB_QCF	No. Name	Value		
Secure Caller ID	1 Provider URL	iiop://localhost:1010		
Caller Password	2 Security Principal	•••••		
	3 Security Credential	******		
Exit		Back Next		

#### Figure 2-19 Configuring Scheduler

Field	Description	
Notify Destination	<ul><li>Specify the notify destination. Select one of the following options:</li><li>QUEUE</li><li>TOPIC</li></ul>	
Queue Name Set 'NOTIFY_DEST_QUEUE' as the destination queue nam		
Queue Connection Factory	Set 'NotifyDestTCF' as the queue connection factory.	
Secure         Check this box to indicate that it is a secured queue confactory. If you check this box, you will be prompted to specialler ID and caller password as shown in the following secure the secure term of te		

Field	Description
Notify Queue Location	<ul> <li>Specify the notify queue location. Select one of the following options:</li> <li>Internal</li> <li>External</li> </ul>
	Note: 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 is not displayed. You will be navigated to next step where you can specify the notify deferred queue name and connection factory.

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

#### Figure 2-20 Configuring Scheduler

🛃 Oracle FLEXCUBE Universal Installer 14.2.0.0.0					
Oracle Banking Installer					
Property File Creation - Scheduler Queues					
Option for configuring Scheduler Destination Queue	Option for configuring Scheduler Deferred Queue				
Notify Destination     QUEUE       Queue Name     NOTIFY_DEST_QUEUE       Queue Connection Factory     NotifyDestQCF       Secure     Caller ID       Caller Password     Image: Caller ID       Notify Queue Location     Image: Caller ID	Notify Deffered Queue Name     DEFFERED_DEST_QUEUE       Deffered Queue Connection Factory     DefferedDestQCF       □ Secure     Caller ID       Caller Password     □				
Option for configuring Scheduler Notify Internal Queue	Option for configuring Log Rotation Interval				
Notify Queue Name NOTIFY_QUEUE Dead Letter Queue Name NOTIFY_QUEUE_DLQ	Scheduler Log Rotation Interval         WEEKLY           Option for External Server configuration for Destination Queue.				
Notify Queue Connection Factory NOTIFY_MDB_QCF	No. Name Value				
Secure Caller ID	1 Provider URL iiop://localhost1010				
Caller Password	2 Security Principal				
	3 Security Credential				
Exit Log	Back Next				

3. Specify the following details of the external queue.

Field	Description
Specify the provide URL (iiop://localhost:1010). 1010 is the default IIOP port. 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>
Security Principal	Specify the login ID to access the application server.
Security Credentials	Specify the password to access the application server.

4. Click **Next** to proceed with scheduler configuration.

#### Note:

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.

5. Specify the following details:

**Notify Deffered Queue Name** - Set 'DEFFERED\_DEST\_QUEUE' as the notify differed queue name.

**Deffered Queue Connection Factory** - Set 'DefferedDestQcf' as the deferred queue connection factory.

**Secure** - Check this box to indicate that it is a secured deferred 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 14.2.0.0.0				
Oracle Banking Installer				
Property File Creation - Scheduler Queues				
Option for configuring Scheduler Destination Queue	Option for configuring Scheduler Deferred Queue			
Notify Destination     QUEUE       Queue Name     NOTIFY_DEST_QUEUE       Queue Connection Factory     NotifyDestQCF       Secure     Caller ID       Caller Password     Image: Caller ID       Notify Queue Location     Image: Caller ID	Notify Deffered Queue Name     DEFFERED_DEST_QUEUE       Deffered Queue Connection Factory     DefferedDestQCF       Secure     Caller ID       Caller Password			
Option for configuring Scheduler Notify Internal Queue	Option for configuring Log Rotation Interval			
Notify Queue Name NOTIFY_QUEUE	Scheduler Log Rotation Interval WEEKLY	-		
Dead Letter Queue Name NOTIFY_QUEUE_DLQ	Option for External Server configuration for Destination G	Queue.		
Notify Queue Connection Factory NOTIFY_MDB_QCF	No. Name Value			
Secure Caller ID	1 Provider URL iiop://localhost:1010			
Caller Password	2 Security Principal •••••••			
	3 Security Credential			
Exit Log	Back Next	)		

Figure 2-21 Configuring Scheduler

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

S Oracle FLEXCUBE Universal Installer 14.2.0.0.0		
Oracle Banking Installer		
Property File Creation - Scheduler Queues		
Option for configuring Scheduler Destination Queue	Option for configuring Scheduler Defe	rred Queue
Notify Destination     DUEUE       Queue Name     NOTIFY_DEST_QUEUE	Notify Deffered Queue Name	DEFFERED_DEST_QUEUE
Queue Connection Factory NotifyDestQCF	Deffered Queue Connection Factory	
Secure Caller ID	Caller Password	
Caller Password		
Notify Queue Location	Option for configuring Log	Rotation Interval
Notify Queue Name NOTIFY_QUEUE	Scheduler Log Rotation Int	terval WEEKLY
Dead Letter Queue Name NOTIFY_QUEUE_DLQ	Option for External Server of	configuration for Destination Queue.
Notify Queue Connection Factory NOTIFY_MDB_QCF	No. Name	Value
Secure Caller ID	1 Provider URL	iiop://localhost:1010
Caller Password	2 Security Principal	•••••
	3 Security Credential	•••••
Exit Log		Back Next

Figure 2-22 Configuring Scheduler

7. Specify the following details:

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.

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



Property File (	Creation - Scheduler EMS Queue					
No.	Name	Value	Value			
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				
9	Secure Outgoing Queue Connection					
10	Outgoing Queue Caller Id					
11	Outgoing Queue Caller Password					
12	Outgoing Queue Provider URL	t3://10.10.10:1010				
13	Queue Principal	••••				
14	Queue Credential	••••				
15	Incoming Queue Name	EMS_INQUEUE				
16	Outgoing Queue Name	EMS_OUTQUEUE				
17	SFMS Incoming Queue	SFMS_INQUEUE				
18	RTGS Incoming Queue	RTGS_INQUEUE				
19	EMS Bulker Queue	BULKER_QUEUE				

Figure 2-23	Configuring	Scheduler
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Specify the following details:

**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.

Oracle I	Banking Installer		ORACLE INSTALLER
Property File	Creation - Scheduler EMS Queue		
No.	Name	Value	
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	
3	Outgoing Queue Connection Factory	EmsQcf	
9	Secure Outgoing Queue Connection		
10	Outgoing Queue Caller Id		
11	Outgoing Queue Caller Password		
12	Outgoing Queue Provider URL	t3://10.10.10.10:1010	
13	Queue Principal	••••	
14	Queue Credential	••••	
15	Incoming Queue Name	EMS_INQUEUE	
16	Outgoing Queue Name	EMS_OUTQUEUE	
17	SFMS Incoming Queue	SFMS_INQUEUE	
18	RTGS Incoming Queue	RTGS_INQUEUE	
19	EMS Bulker Queue	BULKER_QUEUE	

#### Figure 2-24 Configuring Scheduler

**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.

**EMS Bulker Queue** - Specify the Bulker Queue name as BULKER\_QUEUE. So that in fcubs.properties file, EMS\_BULKER\_QUEUE field gets updated to 'BULKER\_QUEUE' value.

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

### 2.2.7 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:

Oracle I	Banking Installer		INSTALLER
Property File	Creation - Scheduler EMS Queue		
No.	Name	Value	
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		
5	Incoming Queue Caller Password		
7	Outgoing Dead Letter Queue Name	EMS_QUEUE_DLQ	
3	Outgoing Queue Connection Factory	EmsQcf	
9	Secure Outgoing Queue Connection		
10	Outgoing Queue Caller Id		
11	Outgoing Queue Caller Password		
12	Outgoing Queue Provider URL	t3://10.10.10.10:1010	
13	Queue Principal	•••••	
14	Queue Credential	•••••	
15	Incoming Queue Name	EMS_INQUEUE	
16	Outgoing Queue Name	EMS_OUTQUEUE	
17	SFMS Incoming Queue	SFMS_INQUEUE	
18	RTGS Incoming Queue	RTGS_INQUEUE	
19	EMS Bulker Queue	BULKER_QUEUE	

Figure 2-25 EMS Properties

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</ip_adress>
	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).
IBM WebSphere	iiop:// <ip_adress>:port</ip_adress>
	E.g.: iiop://10.10.10.10:1010
	Here, 1010 represents the default iiop port

**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:

Ula	acle Banking Inst	aller	ى ا			 NSTALLER
	erty file Creation - EMS FTP/FT n for Scheduler EMS FTP/FTPS		ion			
No.	Name		Value		]	
1	File TranferMode FTPS	FI	PS	-		
2	Server	10	.10.10.10			
3	Userid	O	FSS			
4	Password					
5	KnownHost file local folder p	ath /m	int/ems/SFTP/knownhosts			
6	KnownHost file server folder	path /m	int/ems/SFTP/knownhosts	=		
7	File Type	.tx	t 🖉			
8	SWIFT Format	1				
9	SWIFT Message Delimiter					
10	SWIFT Message Terminator		7			
11	MEDIA	SI	WIFT	-		
Option No.	n for EMS -Structured Financia Name	al Messagin	g System configuration Value	_	]	
1	Signature Block	V		-		
2	Keystore File Name	/keysto	re	-		
3	Keystore Alias name	•••••		-		
	Keyetere Receiverd					

#### Figure 2-26 EMS Properties

4. Specify the following details:

#### 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.

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

Prope	erty file Creation - EMS FTP/F	TPS		_ ~		INSTALLER		
	n for Scheduler EMS FTP/FTP		uration					
No.	Name		Value					
1	File TranferMode FTPS		FTPS	-				
2	Server		10.10.10.10					
3	Userid		OFSS					
4	Password		•••••					
5	KnownHost file local folder	path	/mnt/ems/SFTPAknownhosts					
6	KnownHost file server folder	r path	/mnt/ems/SFTPAknownhosts	-				
7	File Type		.txt					
8	SWIFT Format		1					
9	SWIFT Message Delimiter		V					
10	SWIFT Message Terminator	ŕ	V					
11	MEDIA		SWIFT					
Option No.	n for EMS -Structured Financi	al Messa	iging System configuration					
1	Signature Block	1		-				
2	Keystore File Name /keys		/keystore		/keystore			
3	Keystore Alias name	•••	••					
A	Kowstere Recoward		**		<u>.</u>			

#### Figure 2-27 EMS Properties

5. Specify the following details:

Keystore File Name Specify the keystore file name.Keystore Alias Name Specify the keystore alias name.Keystore Password Specify the keystore password

### 2.2.8 Saving Property File

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

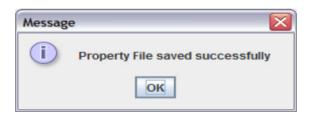
**1**. Save the Property File

Oracle FLEXCUBE U	Iniversal Installer 14.2.0.0.	.0			
Oracle Ba	nking Installer	6			
Property Installation	a				
Current screen Disp	lays the status of the pro	perty file			
	6:05:54,791 DEBUG [AW] 6:05:54,794 DEBUG [AW]				
2018-11-08T1	6:06:07,242 DEBUG [AW]	T-EventQueue-0] cor	n.ofss.installer.FcubsIn	staller: NextButtonActi	onPerformed
	6:06:07,242 DEBUG [AW] 6:06:07,242 DEBUG [AW]				
	6:06:07,242 DEBUG [AW] 6:06:07,242 DEBUG [AW]				
2018-11-08T1	6:06:07,242 DEBUG [AW]	T-EventQueue-0] cor	n.ofss.installer.fcubs.ul	bs.PropWebBipFCJ: B	IP_USERNAI
	6:06:07,242 DEBUG [AW] 6:06:07,242 DEBUG [AW]				
2018-11-08T1	6:06:07,242 DEBUG [AW1	T-EventQueue-0] cor	n.ofss.installer.fcubs.ul	s.PropWebBipFCJ: B	IP_SERVER_
	6:06:07,242 DEBUG (AW) 6:06:07,242 DEBUG (AW)				
	6:06:07,242 DEBUG [AW] 6:06:07,242 DEBUG [AW]				
2018-11-08T1	6:06:07,242 DEBUG [AW1	T-EventQueue-0] cor	n.ofss.installer.installer	Frame: classRetrive (	Comes with :
2018-11-08T1	6:06:07,244 DEBUG [AW1	T-EventQueue-0] cor	n.ofss.installer.Installer	Frame: return with Or	ter : com.ofss
4	N.				•
View Prop	erty File				Save
Exit	Log				ack Home

#### Figure 2-28 Saving Property File

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:

#### Figure 2-29 Message



3. If **Next** is clicked without 'Save' the property file will get saved in a temporary folder.

#### Figure 2-30 Message



This completes the properties file creation. Along with the property file creation, env.properties file is also generated in \INSTALLER\SOFT\logs path.