

Standalone Scheduler Property File Creation  
Oracle Banking Trade Finance  
Release 14.7.2.0.0  
Part No. F90547-01

[November] [2023]



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# 1. Creating Property File for Standalone scheduler

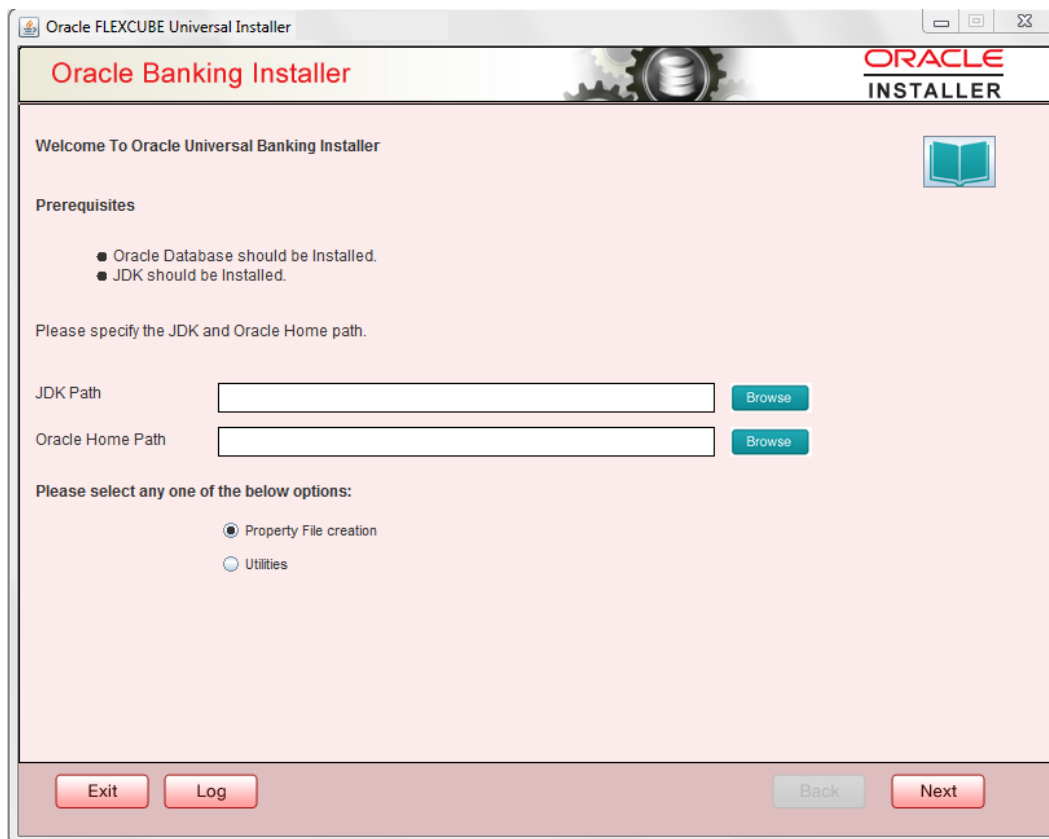
## 1.1 Introduction

This chapter explains the steps to create property file for Standalone Scheduler.

## 1.2 Creating Property File

To create the property file for Oracle Banking Trade Finance Standalone Scheduler, follow the steps given below:

1. Launch Oracle Banking Trade Finance Universal Banking Solution Installer. Select 'Property File Creation' option and Click 'Next' button.



2. Select 'Scheduler' component and Oracle Banking Trade Finance for Trade Finance Property file creation.  
In case of co-deployment one or more Product Processors can be included with Trade Finance.
  - a. Oracle Financial Universal Banking product processor contains Rest of Flexcube other than Payments, ELCM and OBCL etc.

- b. Oracle FLEXCUBE Enterprise Limits and Collateral Management (ELCM) has three types .They are Embedded, CO-Deploy and Standalone (Elcm Adapter). Please choose proper option. Oracle FLEXCUBE Enterprise Limits and Collateral Managements can be selected as individual application or along with Oracle Financial Universal Banking. Also ELCM Adapter required checkbox is available.
- c. Oracle Banking payments can be selected.
- d. Oracle Banking Corporate Lending can be selected.
- e. Open Development Tool(ODT) can be selected to install ODT, that allows end user to design ODT screens.
- f. Oracle Banking Treasury can be selected.

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

## Oracle Banking Installer

**Select one of the Components**

Load Existing Property File

☐ INFRA 
 ☒ Scheduler 
 ☐ Gateway 
 ☐ Switch Interface Installation

**Select Oracle Product Processors**

☐ Oracle FLEXCUBE Universal Banking  
☐ Oracle FLEXCUBE Enterprise Limits and Collateral Management (CO-DEPLOY)  
☐ Oracle Banking Payments  
☐ Oracle Banking Corporate Lending ☐ Open Development Tool  
☐ Oracle Banking Treasury  
☒ Oracle Banking Trade Finance

**Select Plugins to be Installed**

☐ Branch Centralized Load Existing Branch Property File

Host Address 10.10.10.10 1010 ☐ BPEL ☐ Scheduler Standalone  
☐ Reports 10.10.10.10 1010 ☒ OFTW ☐ FGL ☐ SIANET Adapter  
☐ DMS 10.10.10.10 1010 ☐ Insulation ☒ ELCM Adapter required

3. The below Screen accepts EAR name, Context Name, Application Server Path, Source Path and EAR Destination path. Enter the valid data and select File Separator Style and application server from drop down.

Oracle FLEXCUBE Universal Installer

## Oracle Banking Installer

ORACLE  
INSTALLER

Provide Environment details.

EAR Name:

Context Name:

File Separator Style:

Application Server:

Application Server Path:

Source Path:

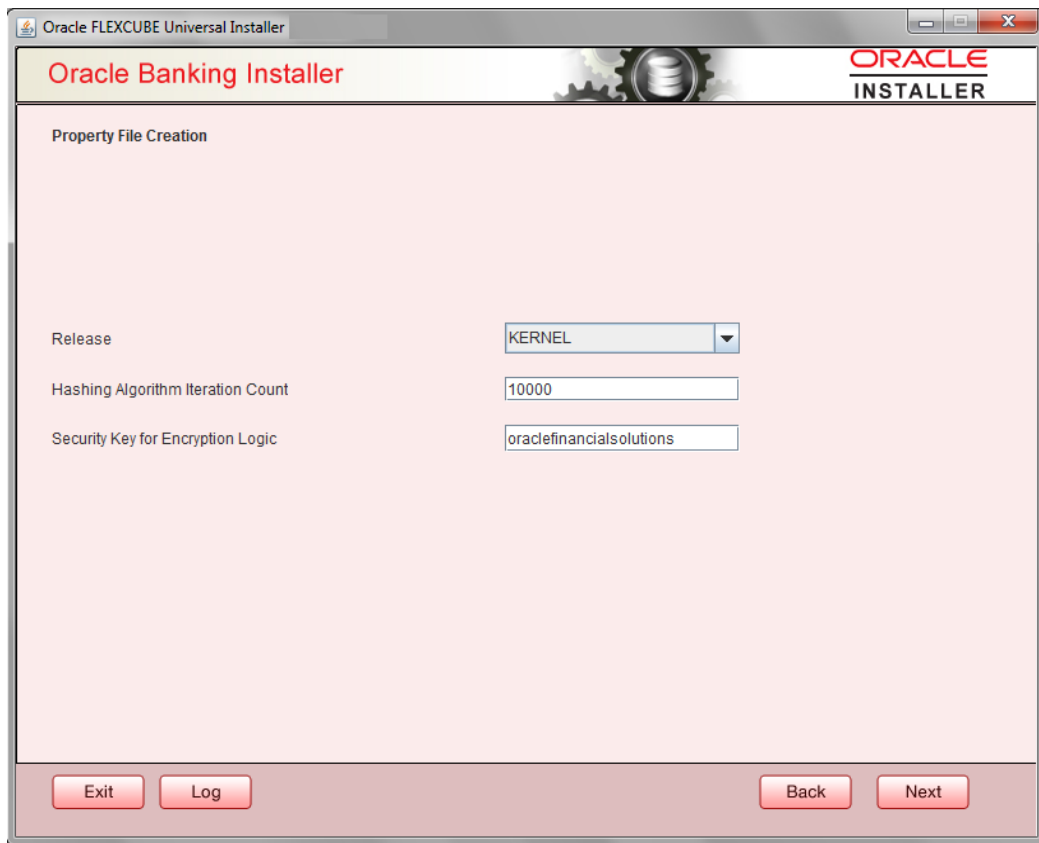
Ear Destination Path:

4. Click on 'Next' button to navigate to below Screen.
5. Below shown Screen contains:

### Release

Select the release from the adjoining drop down list.

**Hashing Algorithm Iteration Count** and **Security key for encryption logic** should be entered which will be used for encryption.



6. Click on 'Next' button to proceed to DataSource Screen.
7. Enter JNDI value for the Datasources enabled and click on Next button.

Oracle FLEXCUBE Universal Installer

Oracle Banking Installer

ORACLE  
INSTALLER

Property File Creation - DataSource

Please enter DataSource Names

SMS Data Source: jdbc/fcjsmsDS

Branch Data Source: jdbc/fcjDevXADS

Scheduler Data Source: jdbc/fcjSchedulerDS

ELCM Data Source: jdbc/FcjDevDSElcm

OFCL Data Source: jdbc/fcjsyDS

PM Online JNDI: jdbc/fcjpmDS

PM Batch JNDI: jdbc/fcjpmDS

ELCM Webservices Provider URL: t3://localhost7001/

Host Server URL: https://10.10.10.1010/FCJNeoWeb

Standalone Scheduler URL: https://10.10.10.10:7001/FCJNeoWeb

Exit Log Back Next

### 1.2.1 Setting General Properties

This section describes the process of setting common properties of Standalone Installer.

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

**Oracle Banking Installer**

**Property File Creation - General Property**

Debug Logs Required: **No** ☐ LOV Fetch Required

Work Area: **D:\BrnDbgs/**

Signature Path: **D:\BrnDbgs/**

Excel Path: **D:\BrnDbgs/**

Request Time Out: **1800000** In milli seconds

Max Image Size: **1048576** In Bytes

Connection Time Out: **3600** In Seconds

User Batch Time: **0** In Hours

Session Time Out: **1800** In Seconds

Css Style: **Default**

Name: **Flexblue**

Language: **ENGLISH**

ISO Code: **en**

Application Title: **FLEXCUBE UBS**

Version: **12.5.0.0.0**

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**Exit Log Back Next**

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.

### 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 Banking Trade Finance 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.

### **CSS style**

Select Default or Custom from dropdown. By Default CSS Style name will be 'flexblue'.

### **Language**

Select language from the dropdown.

Version and Copyright are other general properties.

Click on Next button, once all the property details are entered.

## **1.2.2 Single Sign on**

Only 'OPSS Available' option will be enabled for Scheduler. Select the option if needed.

Oracle FLEXCUBE Universal Installer

**Oracle Banking Installer** **ORACLE INSTALLER**

Property File Creation - Single Sign on

SSO Required ☐ SSO Type **DEFAULT**

SSO KEY **DN**

Authentication details maintained external to FLEXCUBE

External Password Required ☐ Authentication Type **MSAD**

External User Login Required ☐

☒ OPSS Available

Option to provide LDAP server details

No.	Name	Value
1	LDAP SERVER URL	LDAP://10.10.10.10:111
2	LDAP SSL ENABLED	<input type="checkbox"/>
3	SECURITY AUTHENTICATION TYPE	Simple
4	DOMAIN NAME	I-FLEX.COM
5	LDAP SERVER TIMEOUT	0

Option to provide SAML details

No.	Name	Value
1	SAML CERTIFICATE PATH	D:\Security\SAML_Implementation\TestFiles\certcertstore\b...
2	SAML CERTIFICATE PASSWORD	*****
3	SAML CERTIFICATE ALIAS	barc
4	SAML VALID AUDIENCE	bPAID_BWSIT

Exit Log Back Next

### 1.2.3 SMTPTS Details

SMPTS mail configuration is enabled for Scheduler.

Specify the below 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.

Oracle FLEXCUBE Universal Installer

## Oracle Banking Installer

Property File Creation - SMTPS/Branch/DMS

Option for Mail configuring using SMTPS Protocol.

No.	Name	Value
1	Host	samplename.mail.com
2	User Id	infra
3	User Password	*****
4	JNDI Name	mail/FCUBSMail

Option for modifying the Branch properties.

No.	Name	Value
1	Date Seperator	-
2	WorkFlow Frequency	6000
3	Compress Request	<input checked="" type="checkbox"/>

Option for modifying the DMS/IPM property values.

No.	Name	Value
1	Login Service Address	http://10.10.10.10:1010/imaging/ws/LoginService
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

### 1.2.4 Configuring Scheduler Queues

This section describes the method to configure scheduler Queues.

1. System displays the following screen:

Oracle FLEXCUBE Universal Installer

## Oracle Banking Installer

Property File Creation - Scheduler Queues

Option for configuring Scheduler Destination Queue

Notify Destination: **QUEUE**

Queue Name: **NOTIFY\_DEST\_QUEUE**

Queue Connection Factory: **NotifyDestQCF**

☐ Secure    Caller ID:

Caller Password:

Notify Queue Location: **Internal**

Option for configuring Scheduler Deferred Queue

Notify Deferred Queue Name: **DEFERRED\_DEST\_QUEUE**

Deferred Queue Connection Factory: **DeferredDestQCF**

☐ Secure    Caller ID:

Caller Password:

Option for configuring Scheduler Notify Internal Queue

Notify Queue Name: **NOTIFY\_QUEUE**

Dead Letter Queue Name: **NOTIFY\_QUEUE\_DLQ**

Notify Queue Connection Factory: **NOTIFY\_MDB\_QCF**

☐ Secure    Caller ID:

Caller Password:

Option for configuring Log Rotation Interval

Scheduler Log Rotation Interval: **WEEKLY**

Option for External Server configuration for Destination Queue.

No.	Name	Value
1	Provider URL	iiop://localhost:1010
2	Security Principal	*****
3	Security Credential	*****

Exit Log Back Next

### 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 'NotifyDestQCF' as the queue connection factory.

### Secure


Check this box to indicate that it is a secured queue connection factory. If you check this box, the caller ID and caller password will be enabled.

### 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 'External' following details for the external queue will be enabled

### Provider URL

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 For example: 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 For example: iiop://10.10.10.10:1010 Here, 1010 represents 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.

Click 'Next' to proceed with scheduler configuration.

### Notify Deferred Queue Name

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

### Deferred Queue Connection Factory

Set 'DeferredDestQcf' 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, caller ID and caller password will be enabled.

Specify the caller ID and caller password for the secured deferred queue connection factory.

## 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 notify internal Queue. If you check this box, caller ID and caller password will be enabled. Specify the caller ID and caller password for the secured notify queue connection factory.

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

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	<input type="checkbox"/>
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	<input type="checkbox"/>
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

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.

**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 EMS Bulker Queue.

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

## 1.2.5 Setting EMS FTP/FTPS Properties

Oracle FLEXCUBE Universal Installer

**Oracle Banking Installer**

Property file Creation - EMS FTP/FTPS  
Option for Scheduler EMS FTP/FTPS configuring.

No.	Name	Value
1	File TransferMode FTPS	FTPS
2	Server	10.10.10.10
3	User id	OFSS
4	Password	*****
5	File Type	.txt
6	Swift Format	1
7	Swift Message Delimiter	<input checked="" type="checkbox"/>
8	Swift Message Terminator	<input checked="" type="checkbox"/>
9	MEDIA	SWIFT

Option for EMS -Structured Financial Messaging System configuration

No.	Name	Value
1	Signature Block	<input checked="" type="checkbox"/>
2	Keystore File Name	/keystore
3	Keystore Alias name	*****
4	Keystore Password	*****

Exit Log Back Next

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**

Select check box if needed.

**SWIFT Message Terminator**

Select check box if needed.

**Media**

Specify the Media

**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.

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

## **1.2.6 Setting BIP/GI Upload Queue**

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 Banking Installer** **ORACLE INSTALLER**

**Property File Creation - Scheduler BIP/GI Upload Queue**

Option for configuring Scheduler BIP and BIP Advice report.

Bip Queue Name: INTERNAL\_BIPREPORT\_QUEUE

Bip DeadLetter Queue Name: INTERNAL\_BIP\_QUEUE\_DLQ

BipAdvice Queue Name: ERNAL\_BIPADVREPORT\_QUEUE

BipAdvice DeadLetter Queue Name: RNAL\_BIP\_ADVICE\_QUEUE\_DLQ

Queue connection factory: BIPQCF

☐ Secure Caller ID:

Caller password:

Option for configuring details for Scheduler GI Upload Queue

Queue Name: INTERNAL\_GI\_UPLOAD\_QUEUE

Dead Letter Queue Name: INTERNAL\_GI\_UPLOAD\_DLQ

Queue connection factory: GI\_UPLOAD\_QCF

☐ Secure Caller ID:

Caller Password:

Exit Log Back Next

Specify the following details

### **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'.

### **BIPAdvice DeadLetter Queue Name**

Specify the BIP advice 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. The caller ID and caller password will be enabled.

Specify the caller ID and caller password for the secured queue connection factory.

Enter these values for GI Upload Queue.

### 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 deferred queue connection factory. The caller ID and caller password as shown in the following screen:

Specify the caller ID and caller password for the secured queue connection factory.

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

## 1.2.7 Setting Report Properties

This section describes the methods to set report properties.

1. System displays the following screen:

Oracle FLEXCUBE Universal Installer

**Oracle Banking Installer**

Property File Creation - Reports

Option for modifying the Oracle BI Publisher properties.

No.	Name	Value
1	Server End Point	http://10.10.10.10:0101/xmlpserver/services/v2/ReportService?wsdl
2	Name Space	http://xmlns.oracle.com/oxp/service/PublicReportService
3	User Name	Administrator
4	Password	*****
5	Reports Advice Spool Path	/ReportsSpool
6	Advice Type	NATIVE
7	BIP Server Version	12c
8	BIP Time Zone	IST

Option for modifying the OBIEE and other property values

OBIEE ENABLED:

OBIEE URL:

OBIEE FOLDER:

OBIEE SIGNOUT URL:

Exit Log Back Next

Specify the following details:

### **Server End Point**

Specify the BIP end point.

. http://whf00blq:9502/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 /ReportsSpool

### **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. Example : 12c

### **BIP Time Zone**

Specify the time zone of the BIP server.

Specify the following details:

### **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 Partition 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.

**BI User**

Specify the BI user.

**BI Password**

Specify the password for BI user.

**External Alerts Required**

Check this box to enable External Alerts Required.

**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**

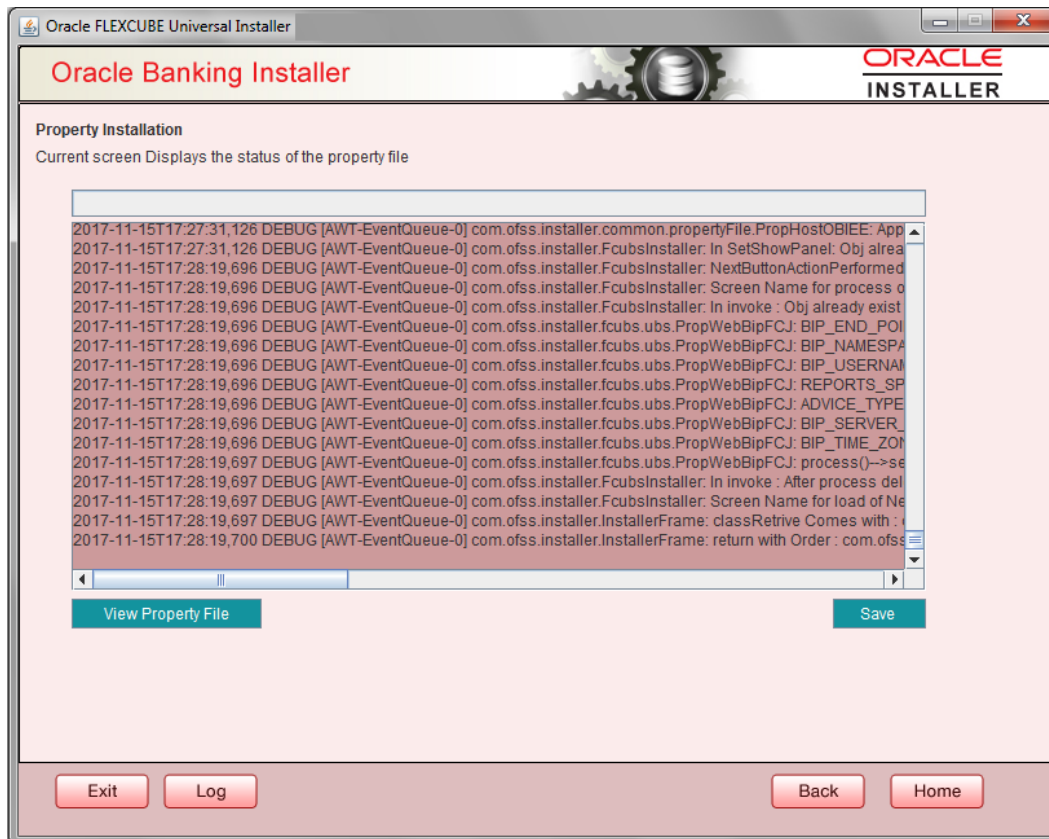
Specify the balance load cut-off time.

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

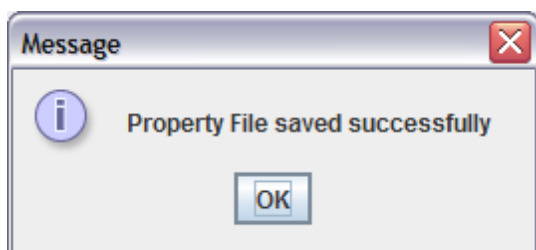
### 1.2.8 Saving Property File

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

1. Save the property file.

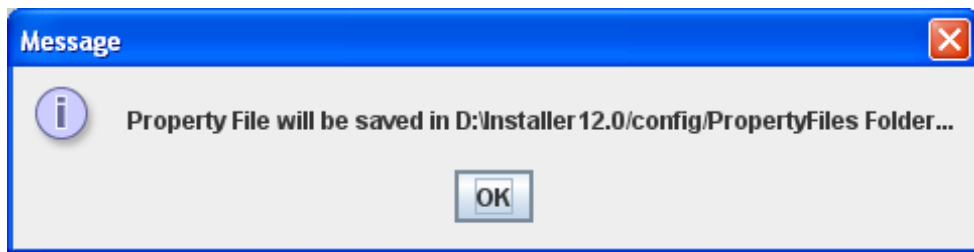


2. You can view the status of property file creation in the above screen. Once the file is saved, the installer displays the following message:



Two property files: fcubs.properties and scheduler.properties are saved.

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.



Standalone Scheduler Property File Creation

[November] [2023]

Version 14.7.2.0.0

Oracle Financial Services Software Limited  
Oracle Park  
Off Western Express Highway  
Goregaon (East)  
Mumbai, Maharashtra 400 063  
India

Worldwide Inquiries:

Phone: +91 22 6718 3000

Fax: +91 22 6718 3001

[www.oracle.com/financialservices/](http://www.oracle.com/financialservices/)

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