

Standalone Scheduler Property File Creation
Oracle FLEXCUBE Universal Banking
Release 12.1.0.0.0
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1. Creating Property File for Standalone scheduler

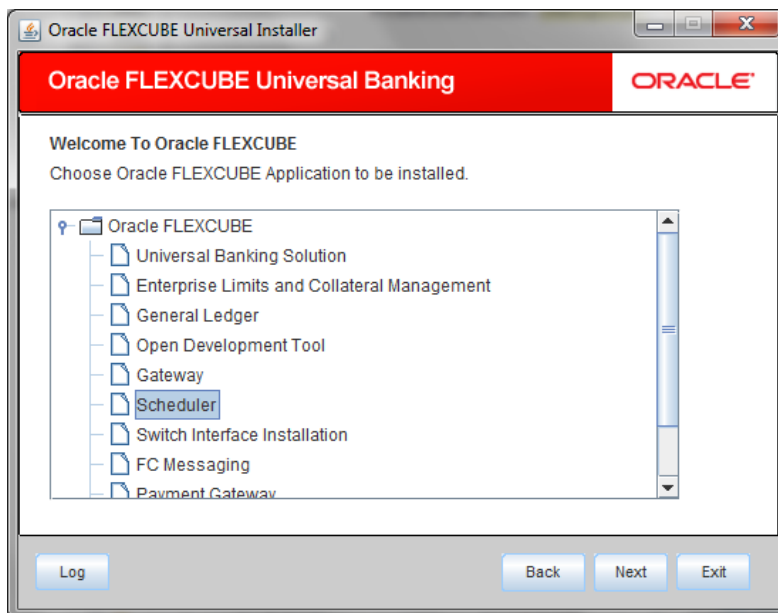
1.1 Introduction

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

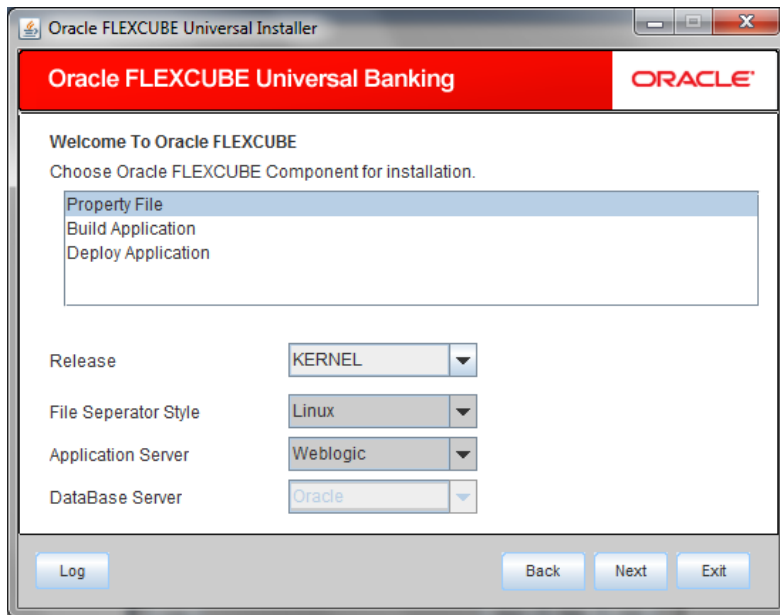
1.2 Creating Property File

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

1. Launch Oracle FLEXCUBE Universal Banking Solution Installer.
2. Click 'Next' and the following screen is displayed.



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



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.

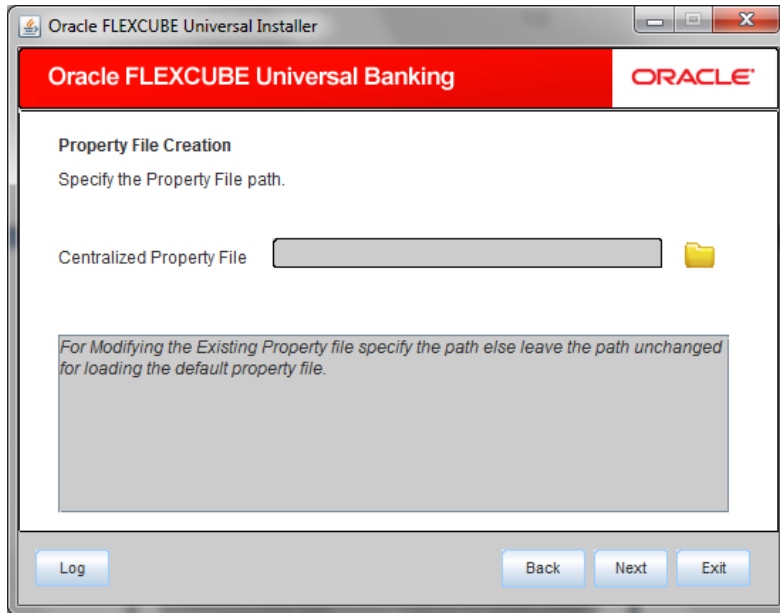
Application Server

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

Release

Select the release from the adjoining drop down list.

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



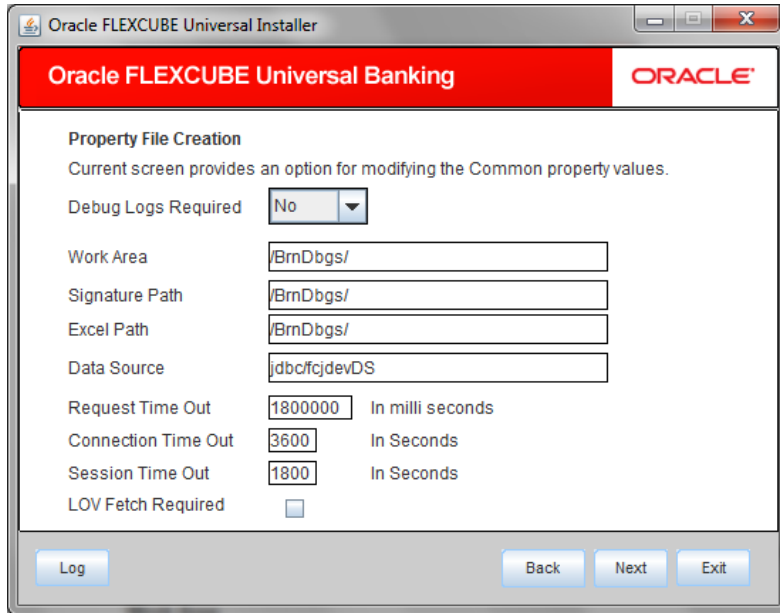
8. Specify the following details:

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.

1.2.1 Setting Common Properties

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

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



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.

Click 'Next' and the following screen is displayed:

1.2.2 Configuring Scheduler

This section describes the method to configure scheduler data source.

1. System displays the following screen:

Oracle FLEXCUBE Universal Banking

ORACLE

Property File Creation
Current screen provides an option for Scheduler configuration.

Symmetric Key: oraclefinancialsolutions

Scheduler Datasource: jdbc/fcjSchedulerDS

Scheduler Log Rotation Interval: WEEKLY

BPEL Enabled

ELCM Required

Provide the Scheduler Datasource Name in the field Scheduler Datasource.

Provide the Scheduler Log Rotation Value To move old Scheduler Log to another file at specific time intervals .

Log Back Next Exit

2. Specify the following details:

Scheduler Datasource

Specify the scheduler datasource which Oracle FLEXCUBE will access.

Symmetric Key

Specify the symmetric key for encryption.

Scheduler Log Rotation Interval

Specify the scheduler log rotation interval..

BPEL Enable

Specify the scheduler has BPEL enabled or not.

ELCM Required

Specify the scheduler , ELCM is required or not.

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 Universal Banking ORACLE

Property File Creation

Current screen provides an option for 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

4. Specify the following details:

Notify Destination

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

- QUEUE
- TOPIC

Queue Name

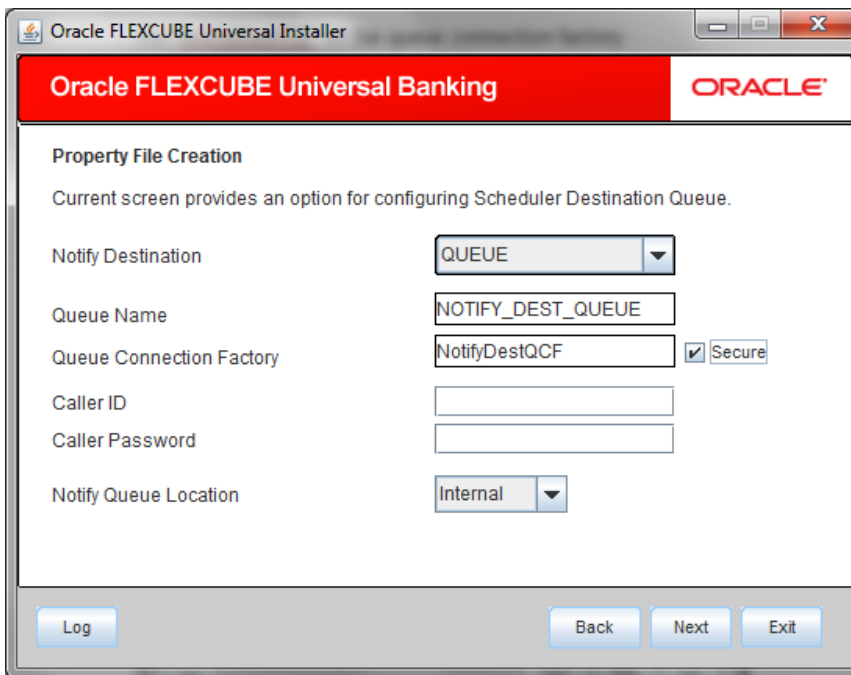
Set 'NOTIFY_DEST_QUEUE' as the destination queue name.

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.



The screenshot shows a window titled "Oracle FLEXCUBE Universal Installer" with a red header bar containing "Oracle FLEXCUBE Universal Banking" and the "ORACLE" logo. The main content area is titled "Property File Creation" and contains the following fields and controls:

- Notify Destination: A dropdown menu with "QUEUE" selected.
- Queue Name: A text input field containing "NOTIFY_DEST_QUEUE".
- Queue Connection Factory: A text input field containing "NotifyDestQCF" and a checked "Secure" checkbox.
- Caller ID: An empty text input field.
- Caller Password: An empty text input field.
- Notify Queue Location: A dropdown menu with "Internal" selected.

At the bottom of the window, there are four buttons: "Log", "Back", "Next", and "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.

STOP 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.

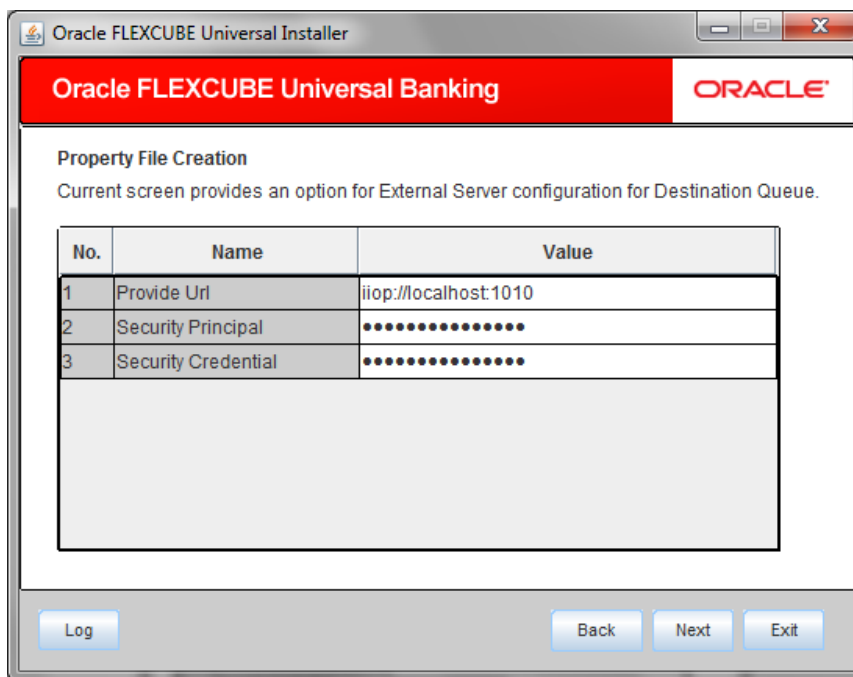
Notify Queue Location

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

- Internal
- External

STOP 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:



The screenshot shows the Oracle FLEXCUBE Universal Installer window. The title bar reads "Oracle FLEXCUBE Universal Installer". The main window has a red header with "Oracle FLEXCUBE Universal Banking" and the ORACLE logo. Below the header, the text "Property File Creation" is displayed, followed by "Current screen provides an option for External Server configuration for Destination Queue." A table with three columns: "No.", "Name", and "Value" is shown. The table contains three rows: 1. Provide Url (iiop://localhost:1010), 2. Security Principal (masked with dots), and 3. Security Credential (masked with dots). At the bottom of the window, there are buttons for "Log", "Back", "Next", and "Exit".

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

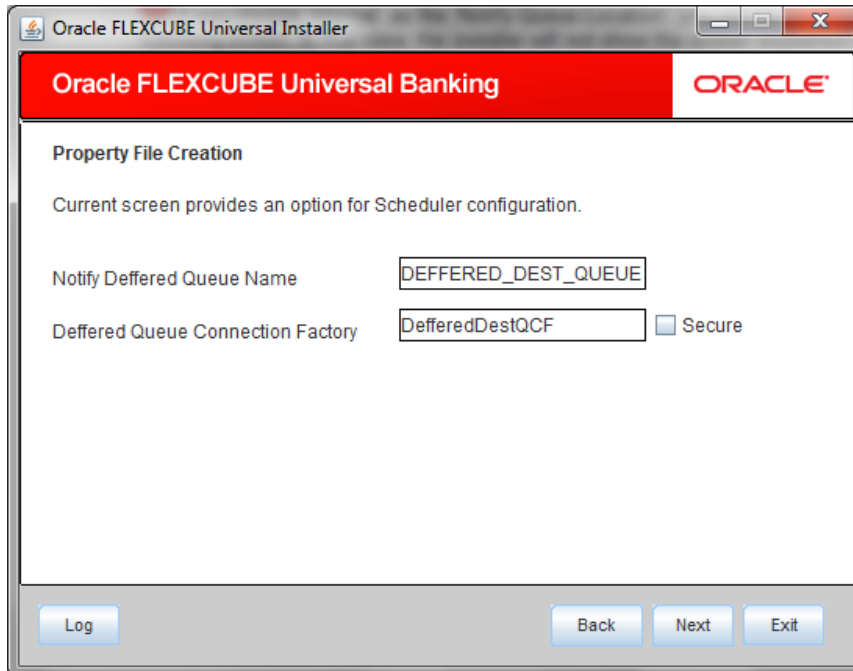
Specify the login ID to access the application server.

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.



The screenshot shows the Oracle FLEXCUBE Universal Installer window. The title bar reads "Oracle FLEXCUBE Universal Installer". The window has a red header with "Oracle FLEXCUBE Universal Banking" and the "ORACLE" logo. The main content area is titled "Property File Creation" and contains the following text: "Current screen provides an option for Scheduler configuration." Below this, there are two input fields: "Notify Deferred Queue Name" with the value "DEFERRED_DEST_QUEUE" and "Deferred Queue Connection Factory" with the value "DefferedDestQCF". To the right of the second field is a checkbox labeled "Secure". At the bottom of the window, there are four buttons: "Log", "Back", "Next", and "Exit".

8. Specify the following details:

Notify Deferred Queue Name

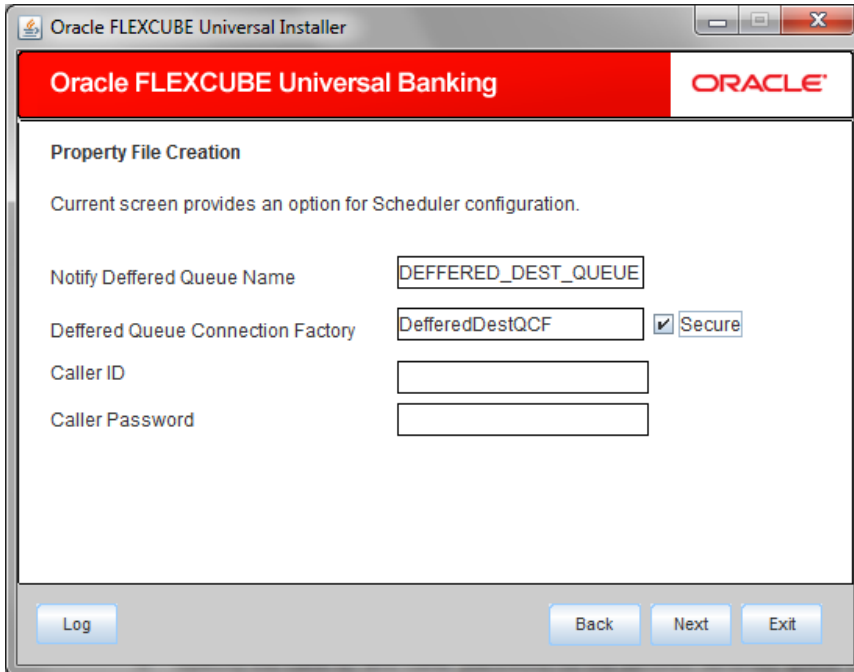
Set 'DEFERRED_DEST_QUEUE' as the notify deferred queue name.

Deferred Queue Connection Factory

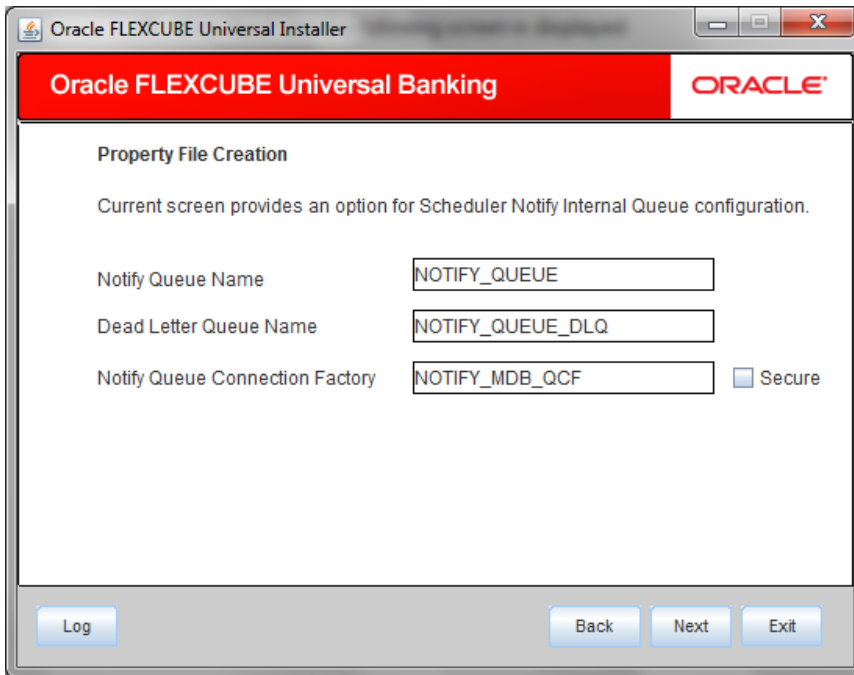
Set 'DefferedDestQcf' as the deferred queue connection factory.

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.



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



11. 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.

Oracle FLEXCUBE Universal Installer

Oracle FLEXCUBE Universal Banking ORACLE

Property File Creation

Current screen provides an option for Scheduler Notify Internal Queue configuration.

Notify Queue Name: NOTIFY_QUEUE

Dead Letter Queue Name: NOTIFY_QUEUE_DLQ

Notify Queue Connection Factory: NOTIFY_MDB_QCF Secure

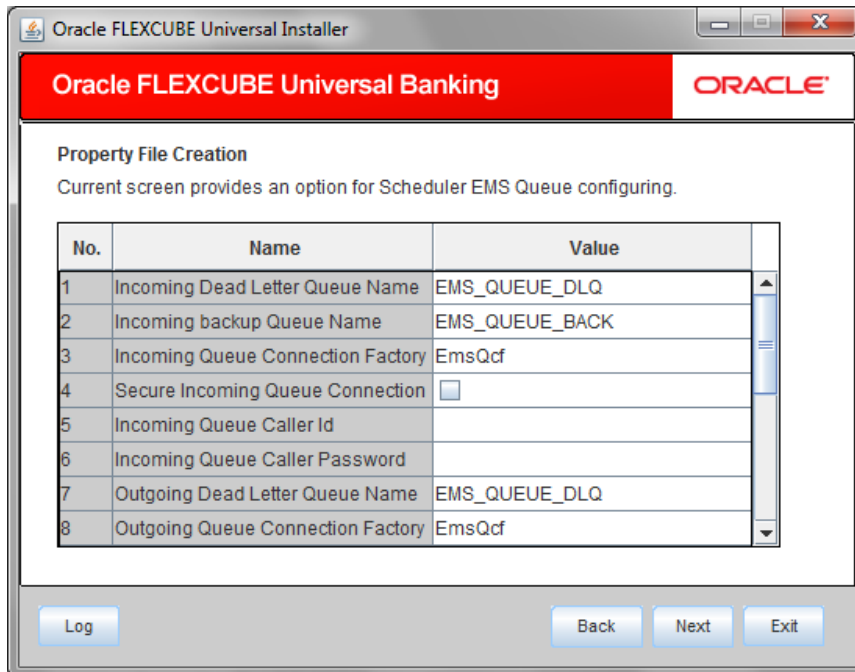
Caller ID: [Empty]

Caller Password: [Empty]

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:



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

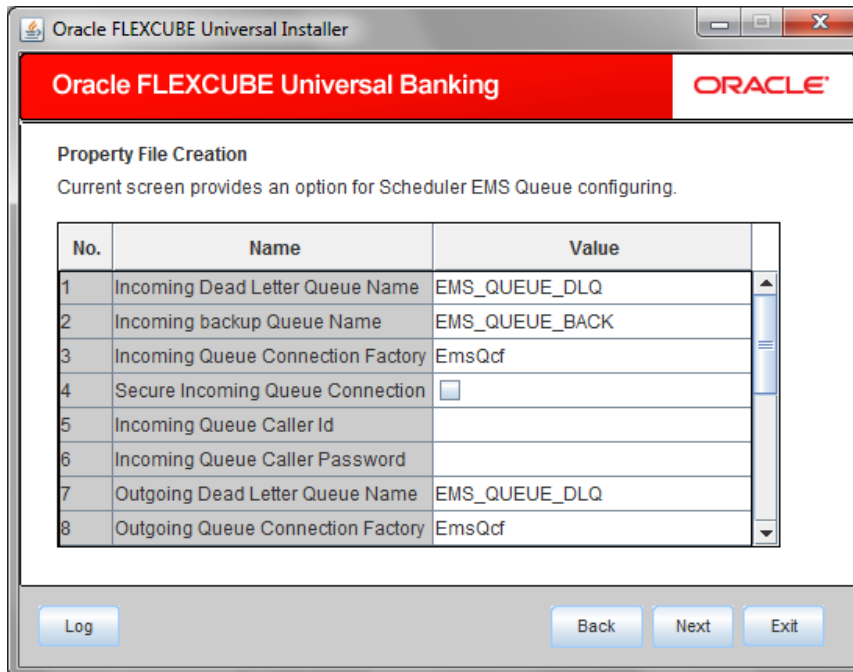
Specify the RTGS incoming Queue.

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

1.2.3 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:



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

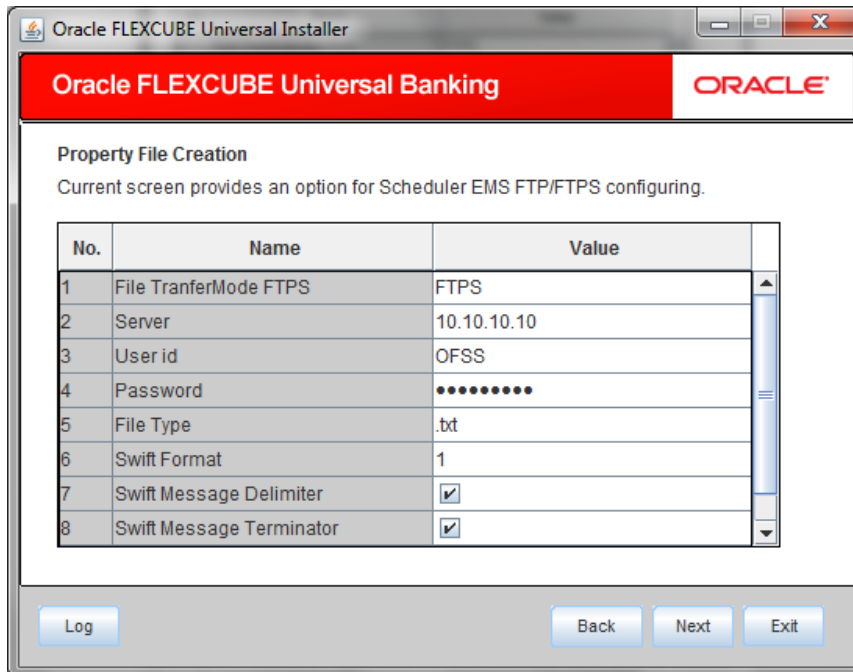
Queue Principal

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:



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'.

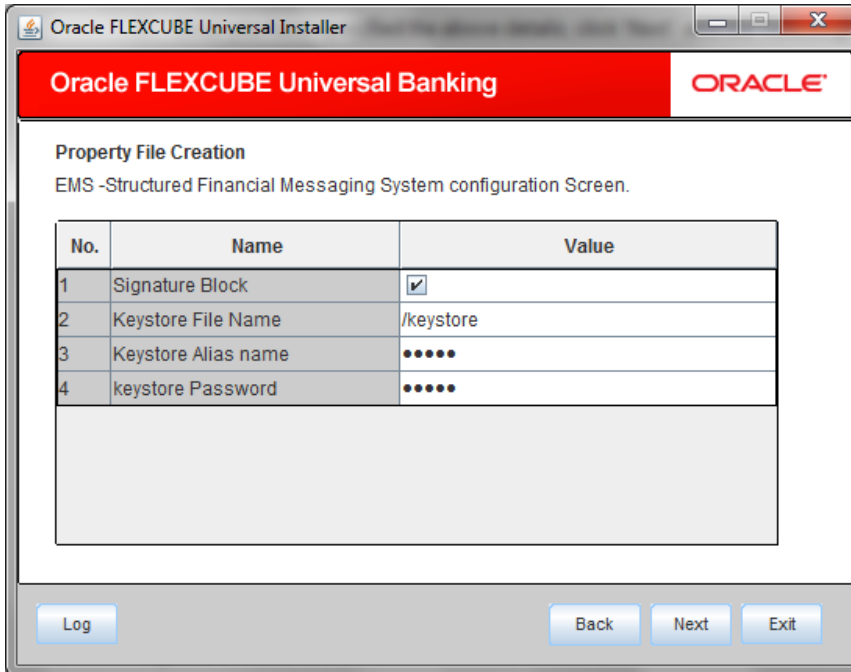
SWIFT Message Delimiter

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:



The screenshot shows a window titled "Oracle FLEXCUBE Universal Installer" with a red header bar containing "Oracle FLEXCUBE Universal Banking" and the "ORACLE" logo. The main content area is titled "Property File Creation" and "EMS -Structured Financial Messaging System configuration Screen." Below this is a table with four rows for configuration properties. The first row has a checked checkbox for "Signature Block". The second row has the value "/keystore" for "Keystore File Name". The third and fourth rows have masked values (dots) for "Keystore Alias name" and "keystore Password" respectively. At the bottom of the window are buttons for "Log", "Back", "Next", and "Exit".

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

- 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

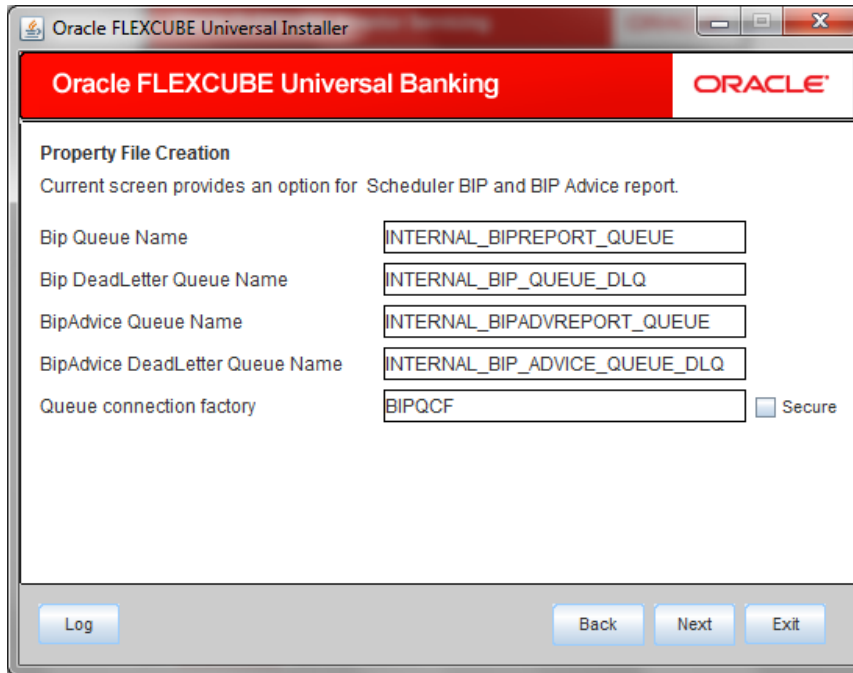
Specify the keystore password.

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

1.2.4 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:



The screenshot shows a window titled "Oracle FLEXCUBE Universal Installer" with a red header bar containing "Oracle FLEXCUBE Universal Banking" and the "ORACLE" logo. The main content area is titled "Property File Creation" and includes the text "Current screen provides an option for Scheduler BIP and BIP Advice report." Below this, there are five input fields with the following labels and values:

Bip Queue Name	INTERNAL_BIPREPORT_QUEUE
Bip DeadLetter Queue Name	INTERNAL_BIP_QUEUE_DLQ
BipAdvice Queue Name	INTERNAL_BIPADVREPORT_QUEUE
BipAdvice DeadLetter Queue Name	INTERNAL_BIP_ADVICE_QUEUE_DLQ
Queue connection factory	BIPQCF

There is a "Secure" checkbox to the right of the "Queue connection factory" field, which is currently unchecked. At the bottom of the window, there are four buttons: "Log", "Back", "Next", and "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'.

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 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 Banking

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_QUEUE

BipAdvice DeadLetter Queue Name: INTERNAL_BIP_ADVICE_QUEUE_DLQ

Queue connection factory: BIPQCF Secure

Caller ID: [Empty]

Caller password: [Empty]

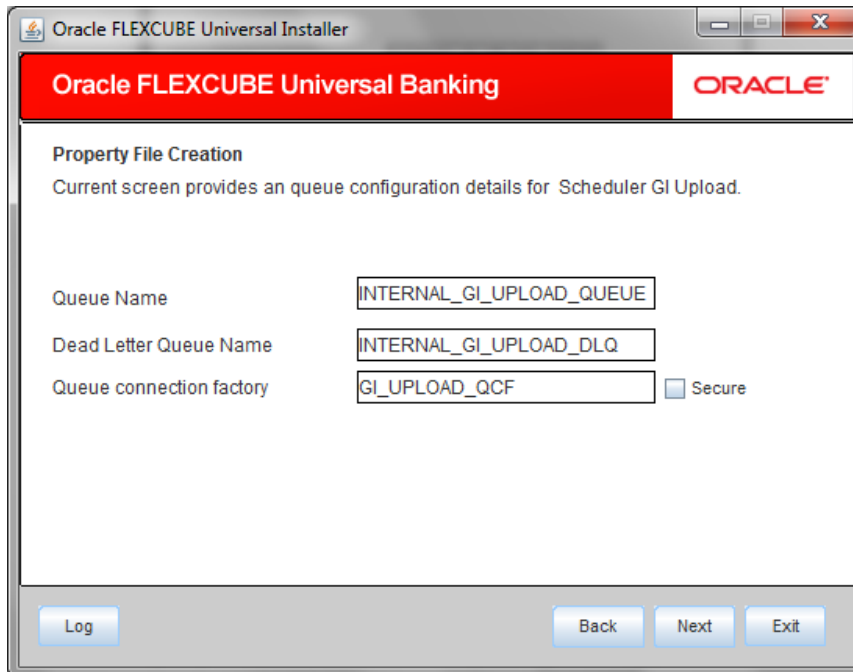
Log Back Next Exit

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.

1.2.5 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:



2. Specify the following details:

Queue Name

Specify the queue name as 'INTERNAL_GI_UPLOAD_QUEUE'.

Dead Letter Queue Name

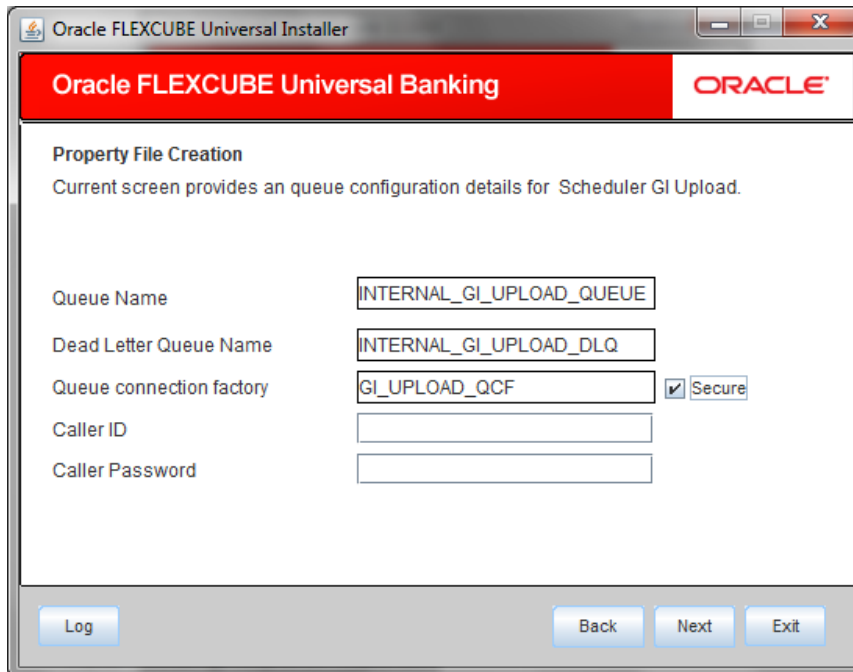
Specify the dead letter queue name as 'INTERNAL_GI_UPLOAD_DLQ'.

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. If you check this box, you will be prompted to enter the caller ID and caller password as shown in the following screen:

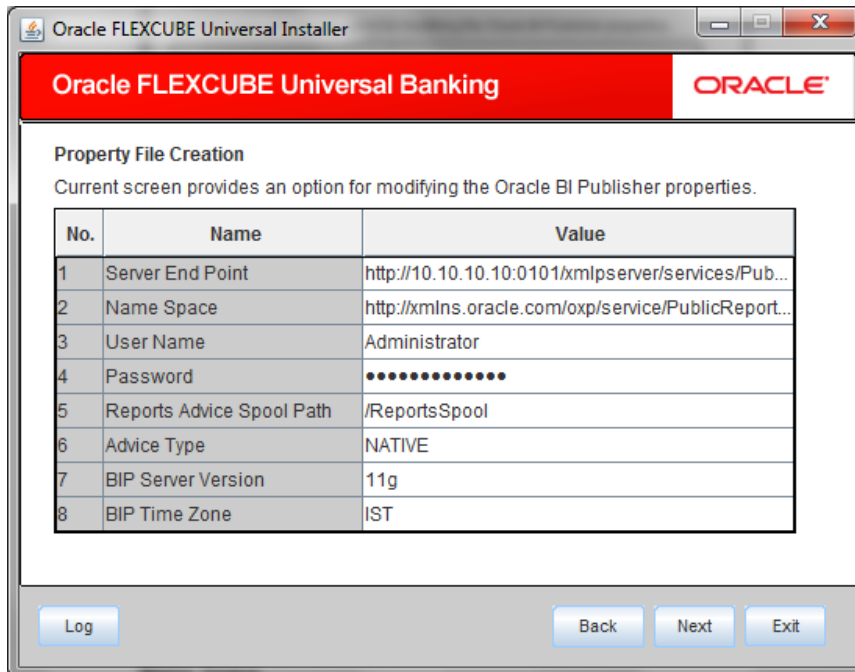


3. Specify the caller ID and caller password for the secured queue connection factory.
4. Once you have specified the above details, click 'Next' and system displays the next screen.

1.2.6 Setting Report Properties

This section describes the methods to set report properties.

1. System displays the following screen:



2. Specify the following details:

Server End Point

Specify the BIP end point.

'http://10.10.10.10:1010/xmlpserver/services/PublicReportService_v11'. 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

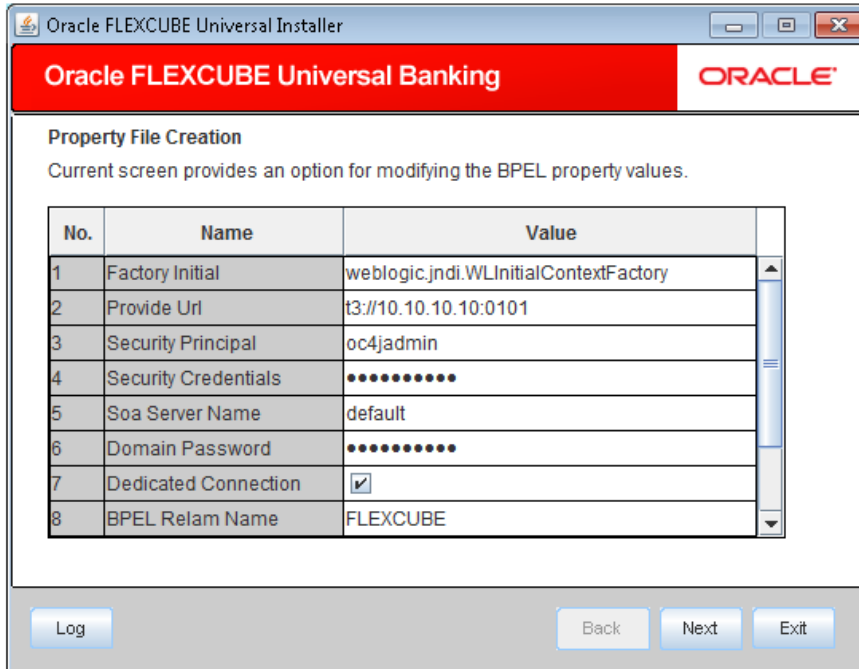
Specify the time zone of the BIP server.

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

1.2.7 Setting BPEL Properties

If you have selected BPEL Enabled option, then you need to set the BPEL properties.

5. Set the BPEL properties.



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 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.

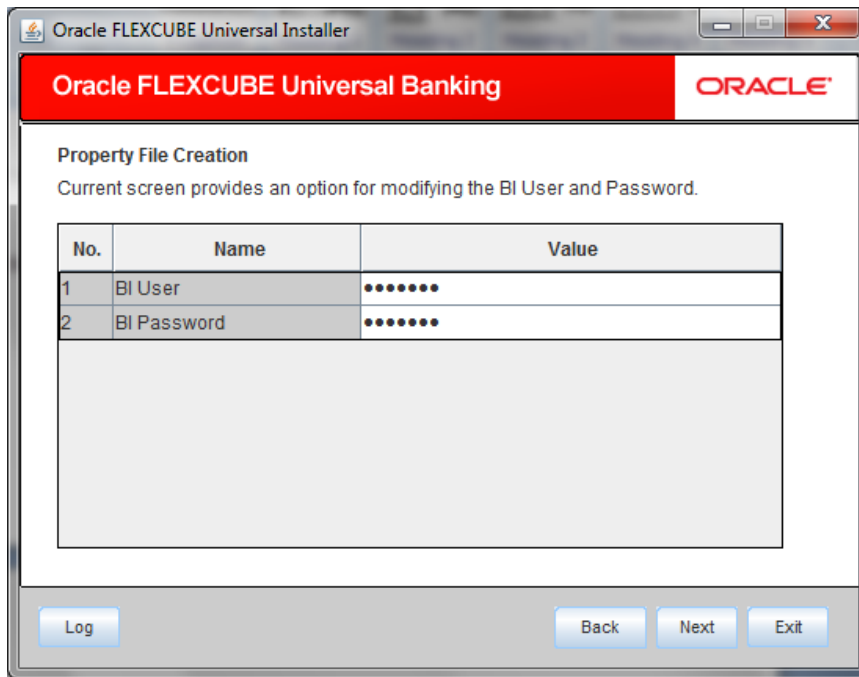
BAM URI

Specify the BAM URI.

BPM Installed

Check this box if the BPM is installed.

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

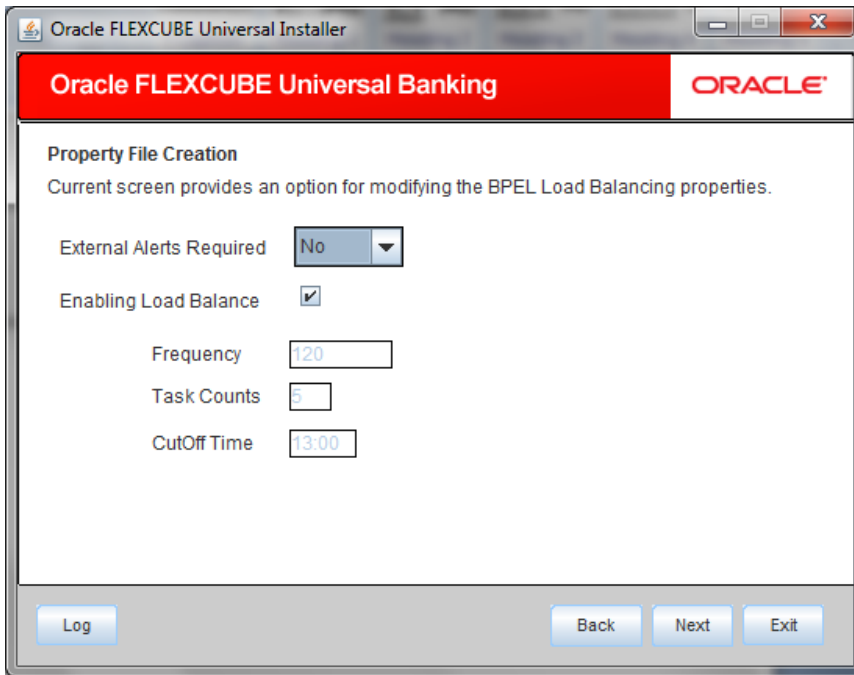
**BI User**

Specify the BI user .

BI Password

Specify the password for BI user.

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



Specify the following details:

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.

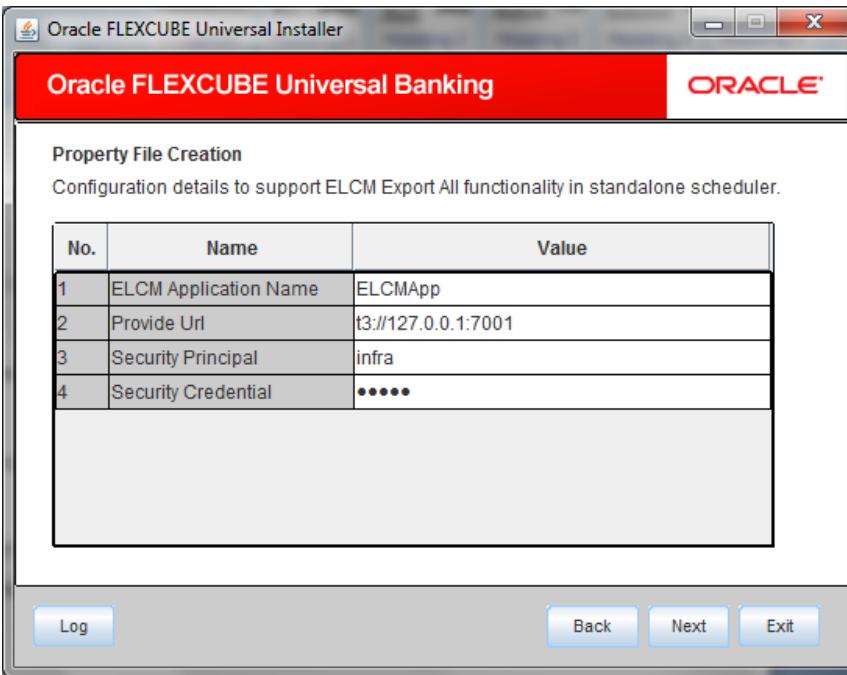
Cut-off Time

Specify the balance load cut-off time.

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

1.2.8 Setting ELCM Properties

If you have selected ELCM required option, then you need to set the ELCM properties.



Oracle FLEXCUBE Universal Banking

ORACLE

Property File Creation
Configuration details to support ELCM Export All functionality in standalone scheduler.

No.	Name	Value
1	ELCM Application Name	ELCMAApp
2	Provide Url	t3://127.0.0.1:7001
3	Security Principal	infra
4	Security Credential	•••••

Log Back Next Exit

ELCM Application Name

Specify the ELCM application Name.

Provide URL

Specify the provide URL

Security Principal

Specify the login ID to access the application server.

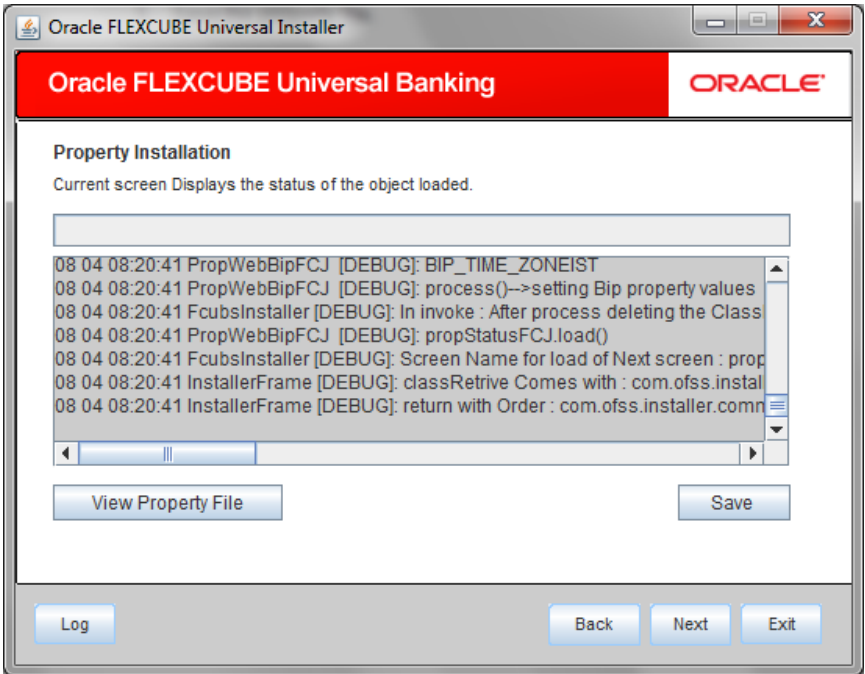
Security Credentials

Specify the password to access the application server.

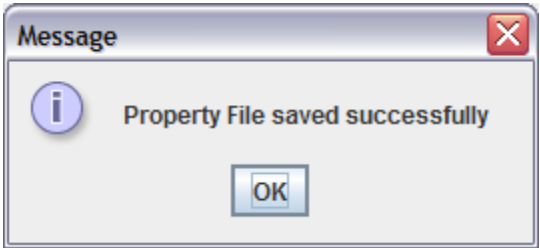
1.2.9 Saving Property File

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

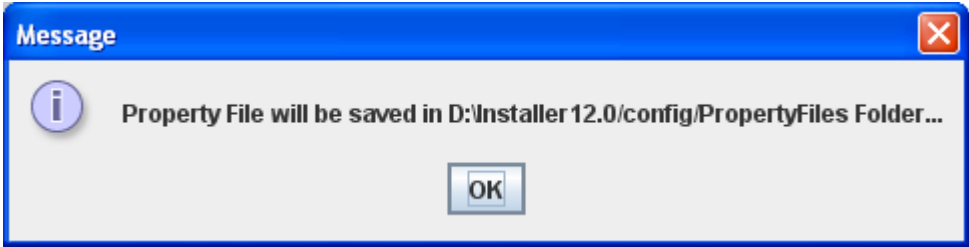
1. Save the property file.



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:



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
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