

FLEXCUBE General Ledger Property File Creation
Oracle FLEXCUBE Universal Banking
Release 12.1.0.0.0
[October] [2015]



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1. Creating Property File for Oracle FLEXCUBE General Ledger

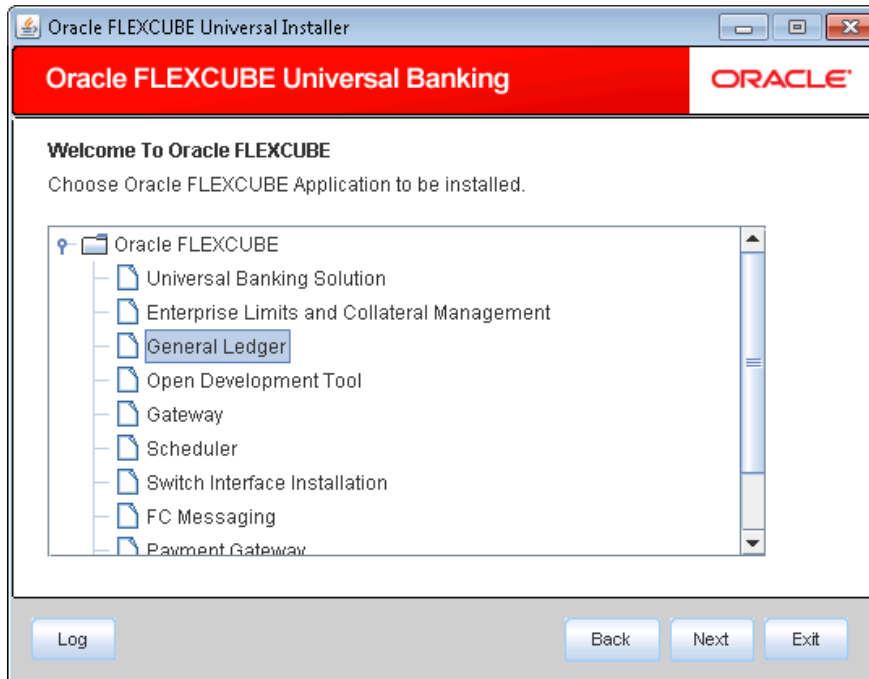
1.1 Introduction

This chapter explains the steps to create property file and build application for ORACLE FLEXCUBE General Ledger Application.

1.2 Creating Property File

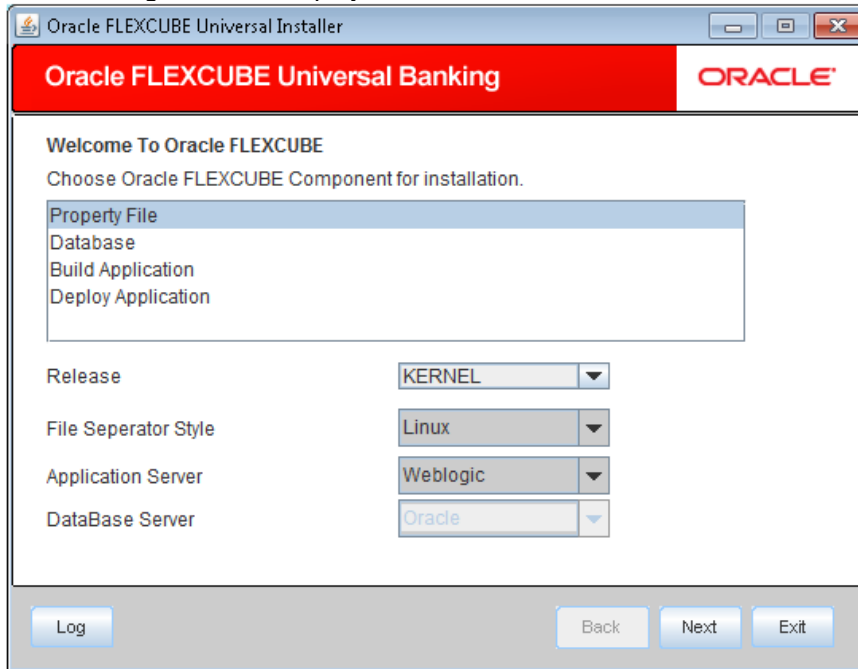
To create the property file for Oracle FLEXCUBE, follow the steps given below:

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



3. Select 'General Ledger'.
4. Click 'Next' .

The following screen is displayed:



5. Select 'Property File'.

6. Specify the following details:

Release

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

- KERNAL
- VN Cluster

Operating System

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

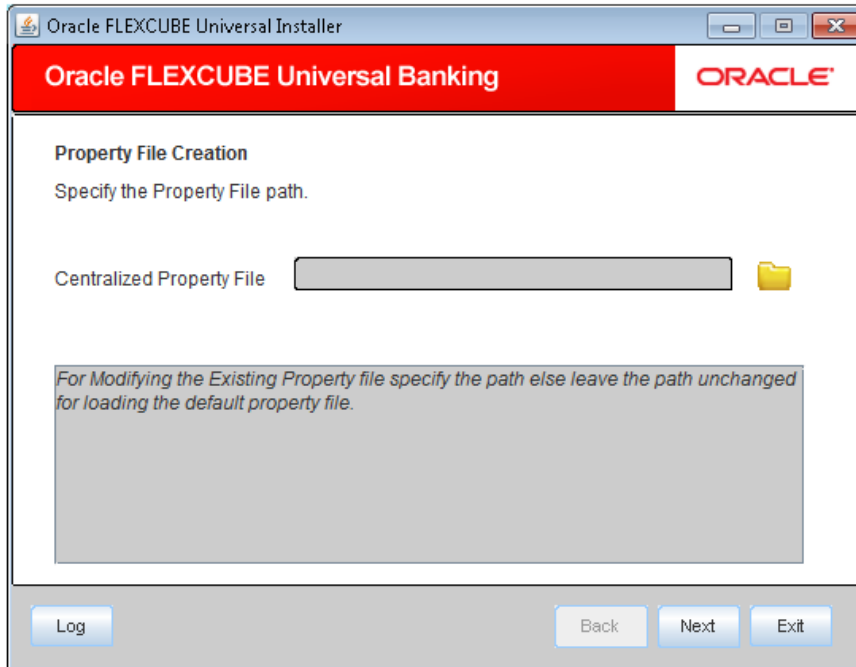
Application Server

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

Database Server

Not Applicable

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



8. Specify the following details:

Centralized Property File

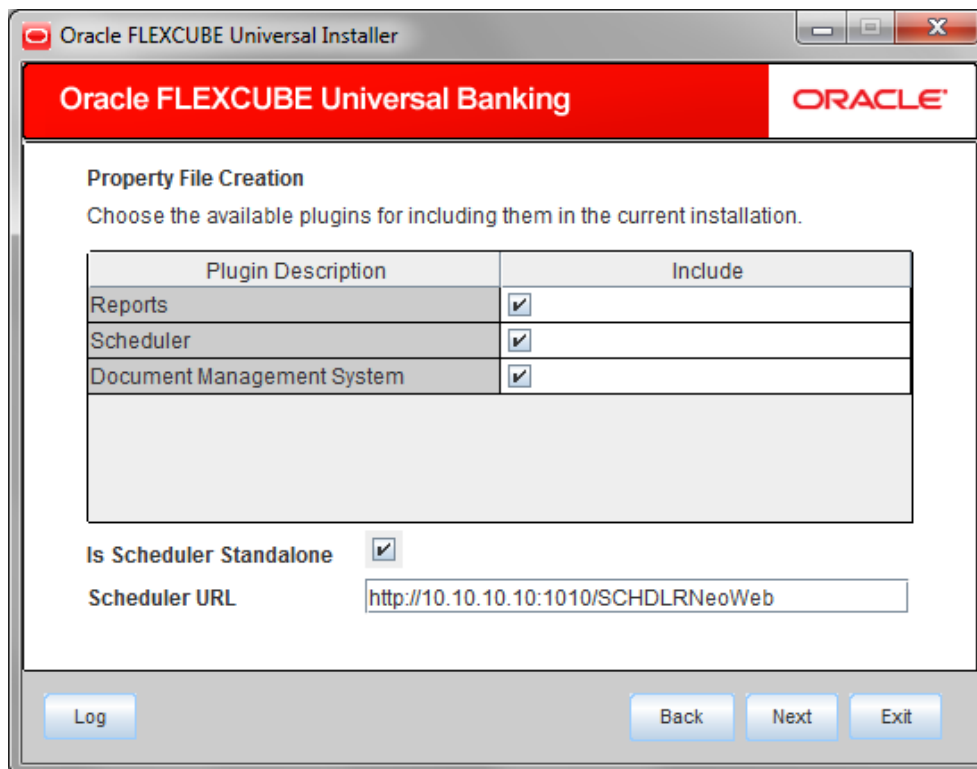
The property file needs to be built before the EAR file. If you are creating a new property file, leave the field blank. If you wish to modify an existing property file, you can manually specify the location of the property file.

9. Click 'Next' to continue.

1.2.1 Setting Oracle FLEXCUBE FGL Plug-ins

This section describes the process of setting plug-ins.

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



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

- Document Management System
- Reports
- Scheduler

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

For to choose standalone scheduler, one should go through scheduler option of building the EAR and deploy the EAR ahead of FCIS application

Scheduler URL: The value for the URL should be the scheduler URL that will be available once scheduler application is deployed.



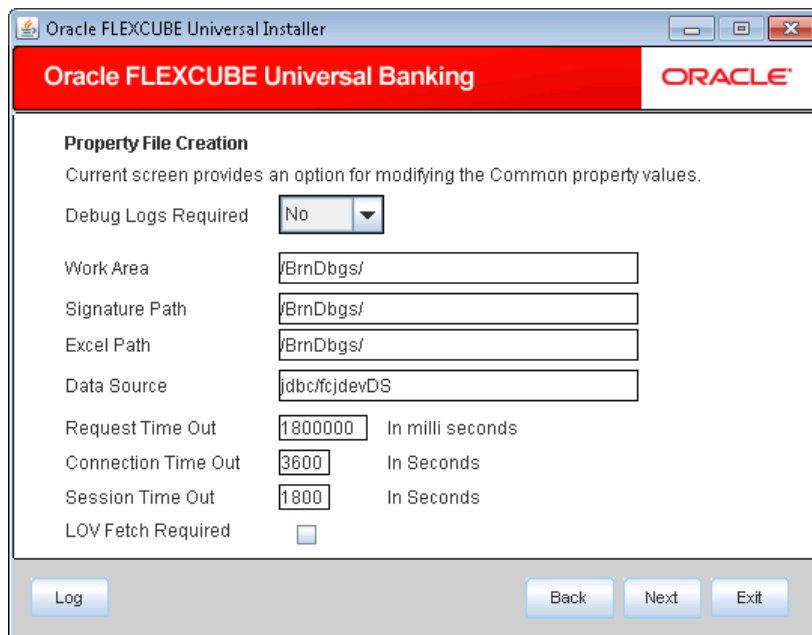
The Installer allows you to set the properties for the selected plug-ins only.

3. Once you have selected the plug-ins, click 'Next'. You will be navigated to the 'Common Properties' screen.

1.2.2 Setting Common Properties

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

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



Specify the following details for FCJ Application:

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 will be placed.

Excel Path

Specify the location at which the excel files will be 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 will wait 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 will wait for a connection to the database to open.

Session Time Out

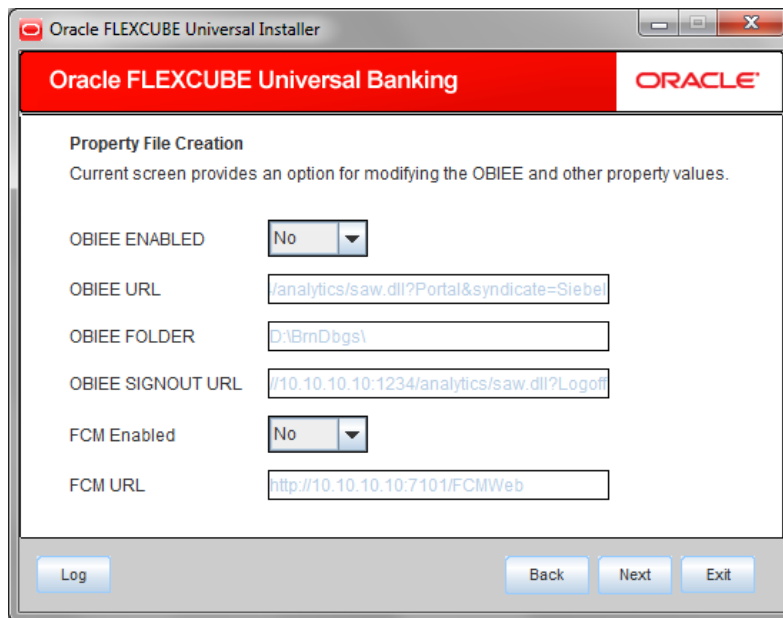
Specify the session time out value in seconds. This is the maximum number of seconds during which the application will be active without any user intervention. If there is no user intervention continuously for the duration specified here, the user session will expire.

LOV Fetch Required

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

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

2. Click 'Next'. The following screen is displayed.



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 section is titled 'Property File Creation' with the subtitle 'Current screen provides an option for modifying the OBIEE and other property values.' The form contains the following fields:

- OBIEE ENABLED: A dropdown menu with 'No' selected.
- OBIEE URL: A text box containing '/analytics/saw.dll?Portal&syndicate=Siebel'.
- OBIEE FOLDER: A text box containing 'D:\BrnDogs\'. There is a small blue icon to the left of the text box.
- OBIEE SIGNOUT URL: A text box containing '/10.10.10.10:1234/analytics/saw.dll?Logoff'.
- FCM Enabled: A dropdown menu with 'No' selected.
- FCM URL: A text box containing 'http://10.10.10.10:7101/FCMWeb'.

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

OBIEE Enabled

Chose Yes/No from the drop down box

OBIEE URL

Provide OBIEE URL path

OBIEE Folder

Provide a folder path at the application server level

OBIEE Signout URL

Provide OBIEE signout URL

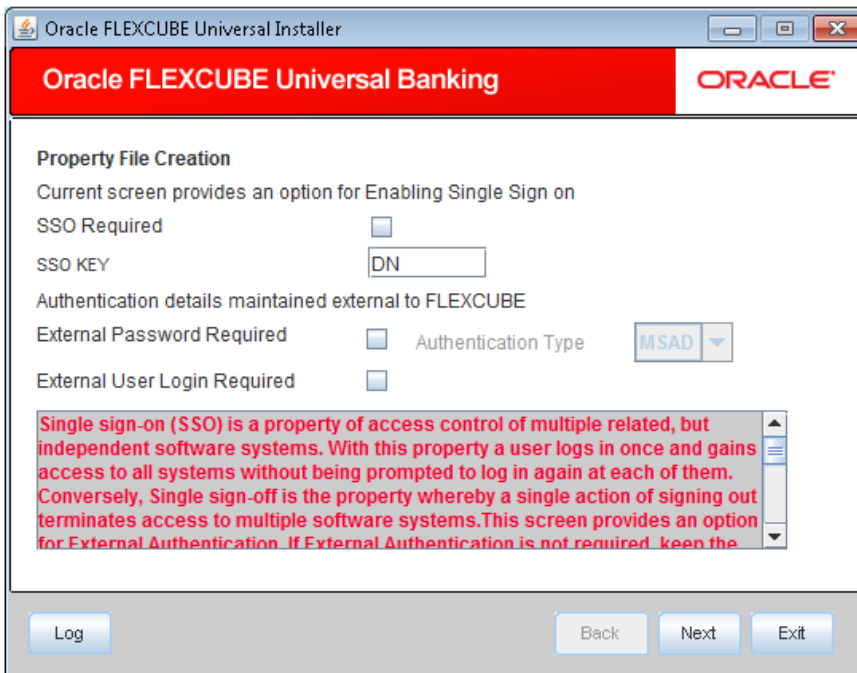
FCM Enabled

Choose Yes/No from drop down box for FlexCube Messaging

FCM URL

Provide FCM application URL if FCM is required

Click on next, the following screen is displayed



3. Specify the following details:

SSO Required

Check this box to enable single sign-on (SSO). If you check this box, you need to enter the SSO Key.

SSO Key

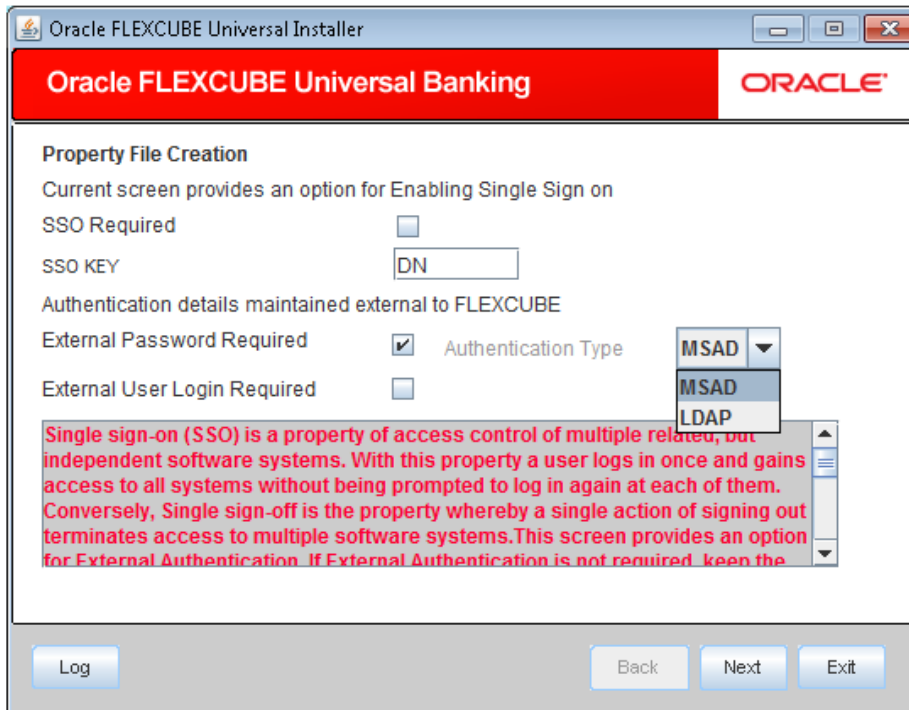
Specify the SSO key. If you have checked the box 'SSO Required', it is mandatory to specify the SSO key.

If you have checked the box 'SSO Required', the Installer will skip the following two screens and directly navigate to the SSL screen shown below in this manual.

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

External Password Required

Check this box to allow the user-login using MSAD/LDAP password irrespective of the user ID. If you check this box, the user ID can be either the MSAD/LDAP user ID or the FCUBS user ID. And the password can be MSAD/LDAP server password only.



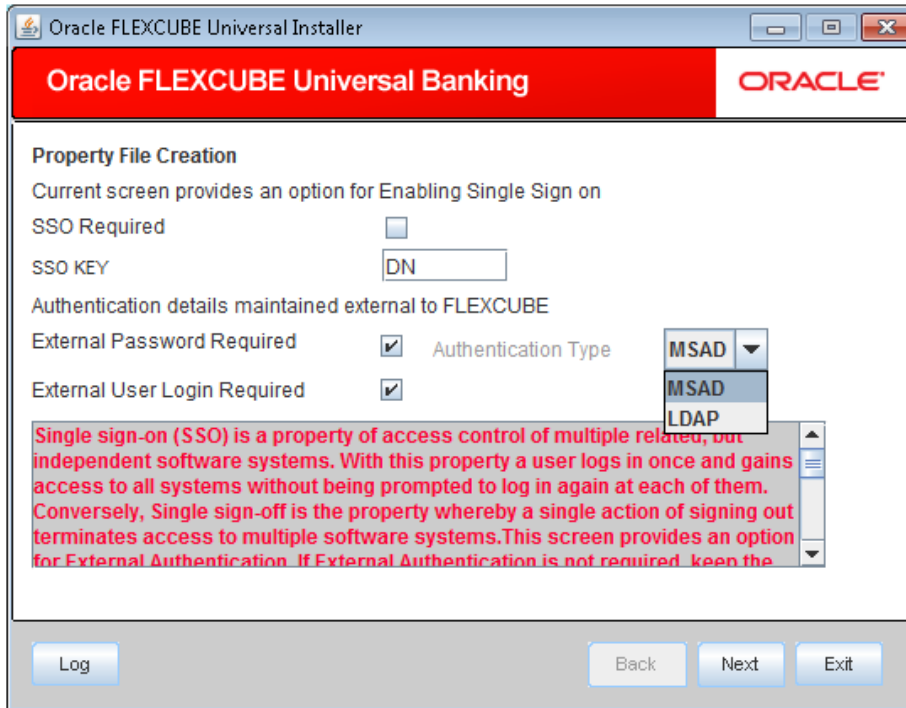
By default, this check box is unchecked. However, you can change this.

If you do not check this box, the installer skips the following screen and directly navigates you to the SSL screen shown below in this manual.

If you check the box, then click 'Next'. The following screen is displayed.

External User Login Required

Check this box to enable user login using MSAD/LDAP user ID. If you check this box, the user can login using MSAD/LDAP server user ID as well as using FCUBS user ID.



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

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

Note: The field 'Authentication Type' is enabled if one of the above check boxes is checked:

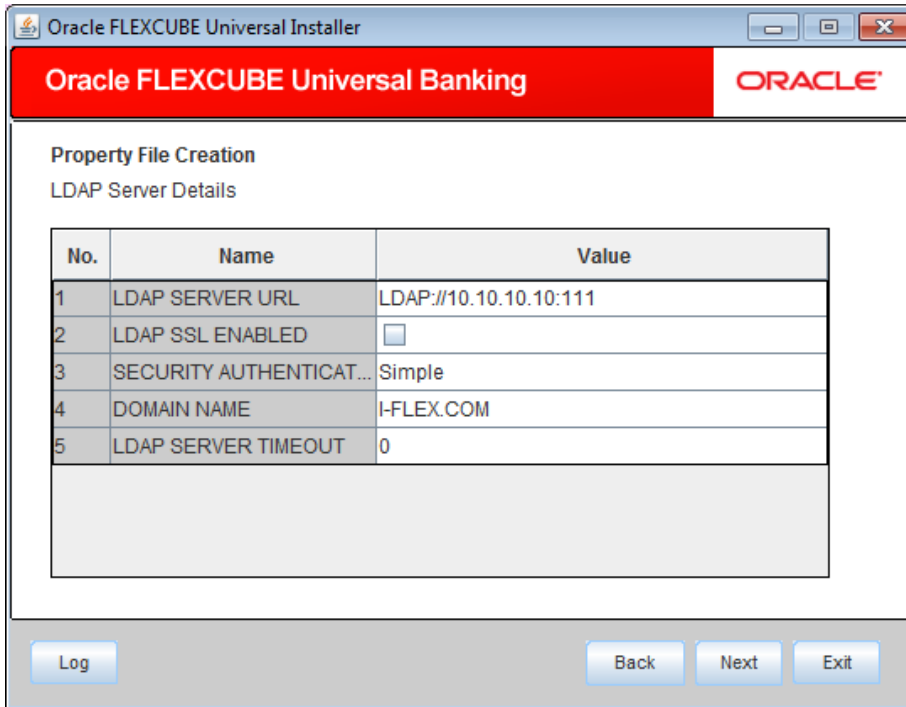
Authentication Type:

Select the authentication type from the adjoining drop-down list. This is the type of external server that is used. You can select one of the following options:

- MSAD (Microsoft Active Directory)
- LDAP (Lightweight Directory Access Protocol)

By default, 'MSAD' is selected; however, you can change it.

If 'External Password Required' is selected, on click of 'Next', the following screen is displayed.



4. Specify the following details:

LDAP SERVER URL

Specify the URL of LDAP server (Ex. LDAP://10.10.10.10:111)

LDAP SERVER ENABLED

Check this box for enabling SSL for LDAP

SECURITY AUTHENTICATION TYPE

Select the type of authentication security from the drop down list. (Ex. Simple, Strong)

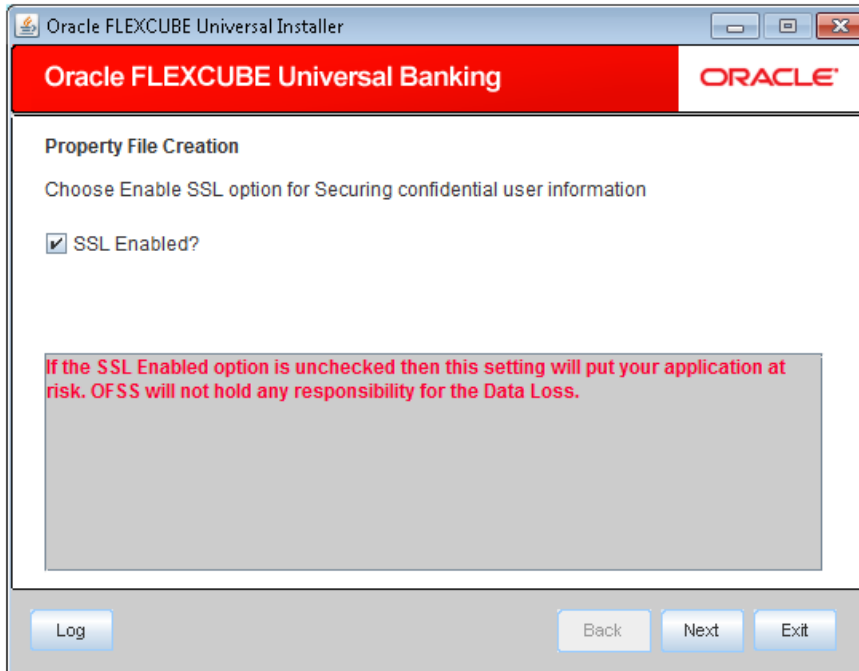
DOMAIN NAME

Specify the domain name.

LDAP SERVER TIMEOUT

Specify the timeout for LDAP server.

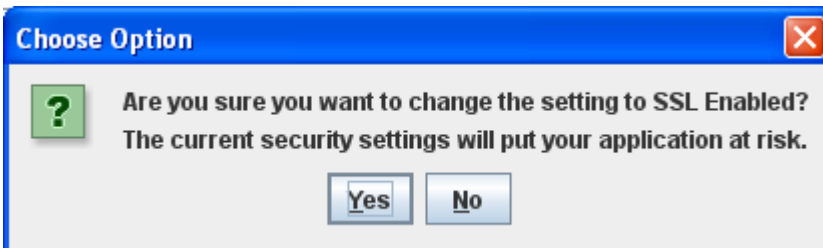
5. Click 'Next'. The following screen is displayed.



6. Specify the following details.

SSL Enabled

Indicate whether SSL is enabled or not. If SSL is required, choose 'Yes'. If SSL is not enabled, the Installer will pop-up a window.



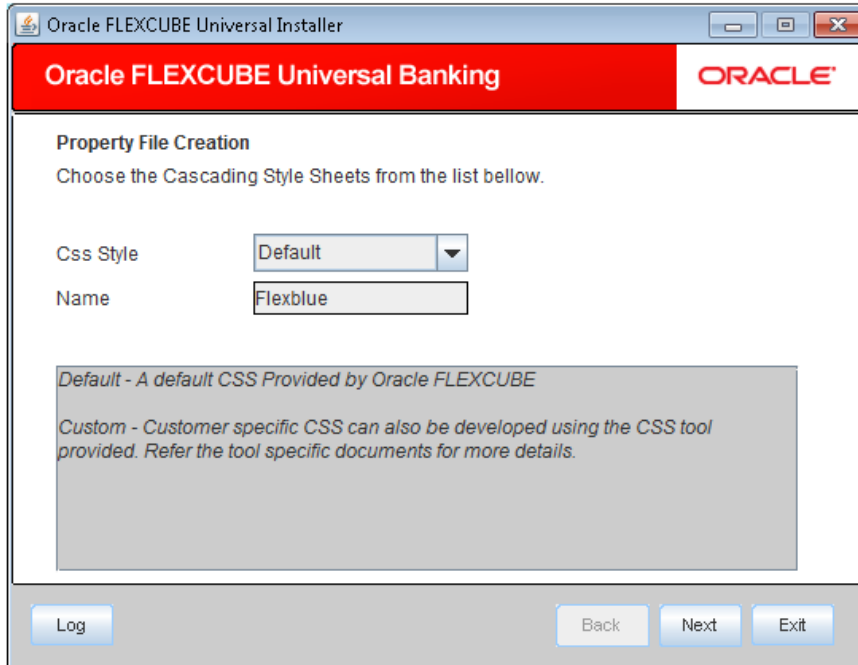
However, it is recommended that you enable SSL.

7. Click 'Next'. You will be navigated to the next screen.

1.2.3 Setting Language Properties

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

1. The system displays the following screen.



2. Specify the following details

CSS Style

Specify the CSS style to be used. You can choose one of the following CSS styles:

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

Name

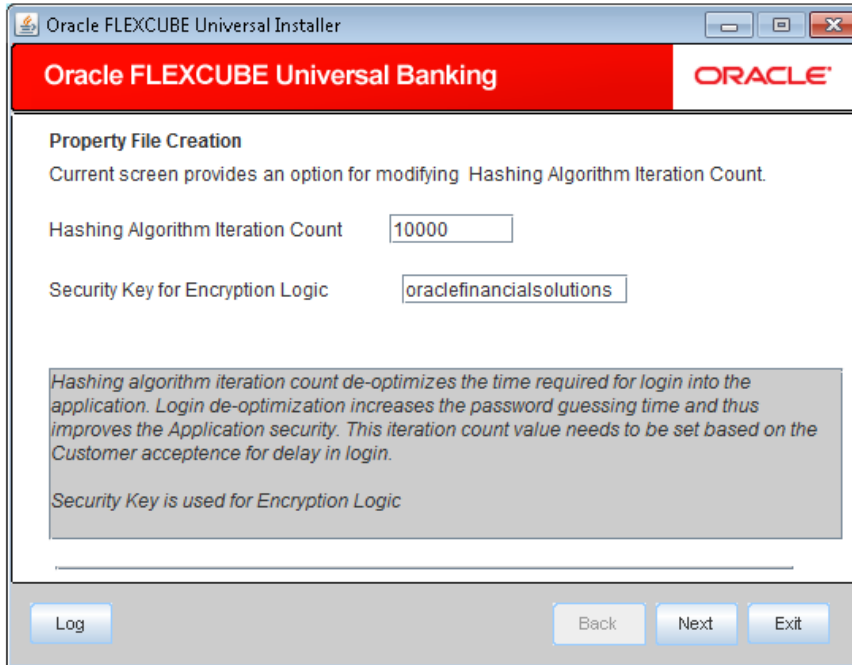
Specify the name of the CSS style.

3. Once you have specified the above details, click 'Next'. You will be navigated to the Hashing Algorithm Count Settings screen.

1.2.5 Setting Hashing Algorithm Iteration Count

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

1. The following screen is displayed.



2. Specify the following details:

Hashing Algorithm Iteration Count

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

'SYMMETRIC KEY' is the key for all encryption logic.

Security Key for Encryption Logic

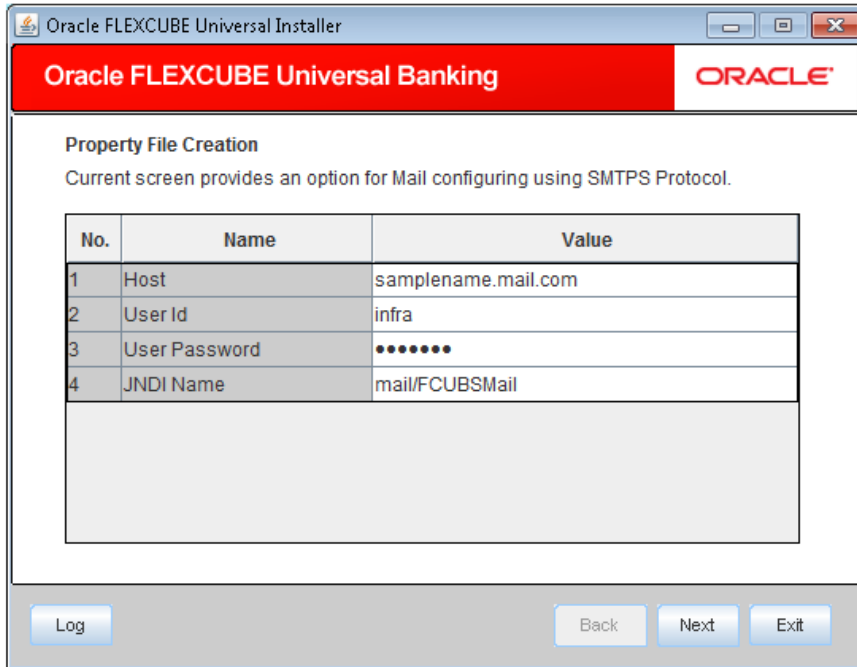
Specify the security key for encryption logic.

3. Once you have specified the details, click 'Next'.

1.2.6 Setting Email Details

This section describes the method to configure email details.

1. The following screen is displayed.



2. Specify the following details.

Host

Specify the SMTP host name.

User ID

Specify the user ID.

User Password

Specify the user password.

JNDI Name

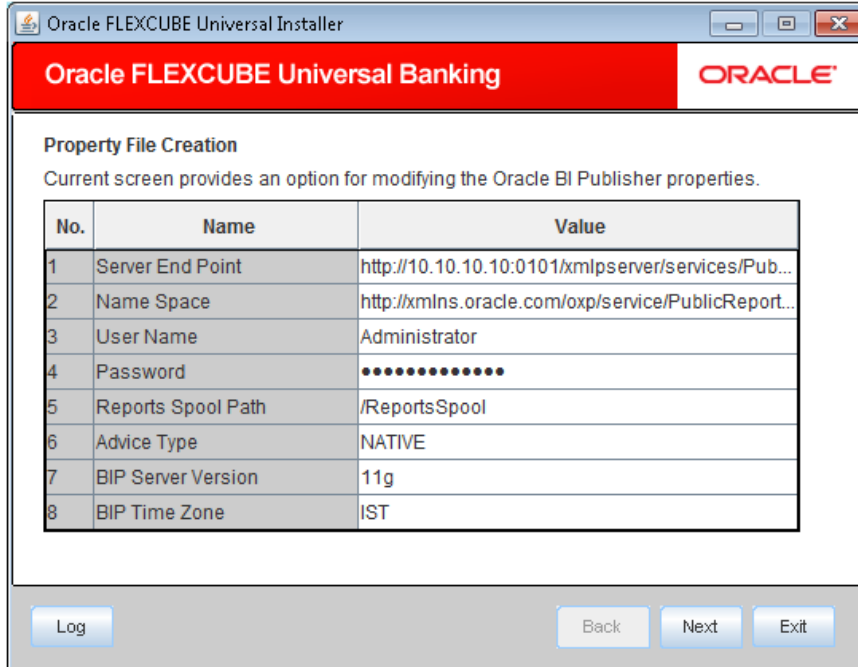
Specify the JNDI name.

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

1.2.7 Setting Report Properties

This section describes the methods to set report properties.

1. The following screen is displayed.



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 drop-down list.

BIP Time Zone

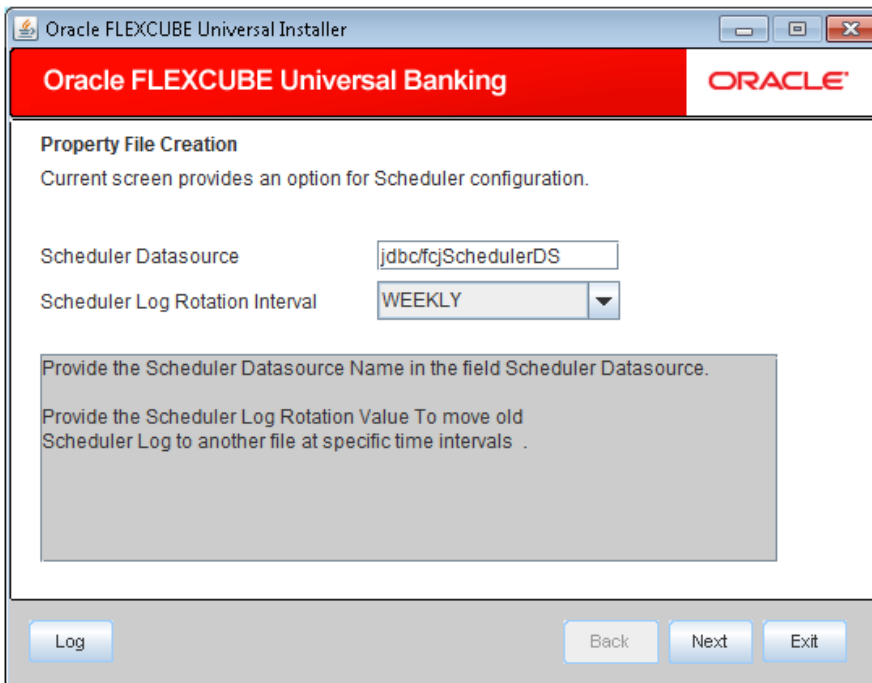
Specify the time zone of the BIP server.

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

1.2.8 Configuring Scheduler

This section describes the method to configure scheduler data source.

1. The following screen is displayed.



2. Specify the following details:

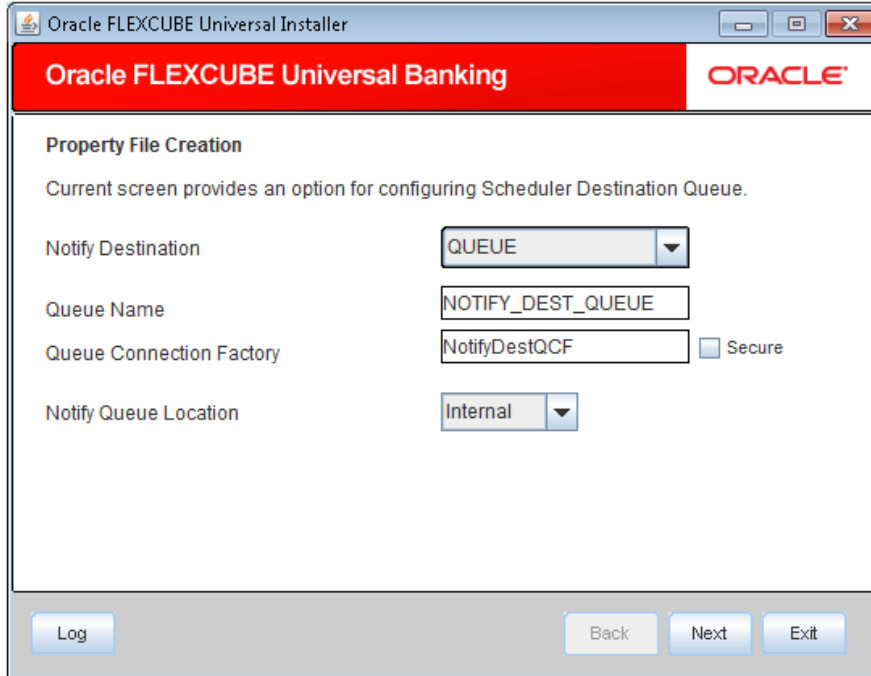
Scheduler Datasource

Specify the scheduler datasource which Oracle FLEXCUBE will access.

Scheduler Log Rotation Interval

Select the interval between each rotation of scheduler log.

3. Click 'Next'. The following screen is displayed.



4. Specify the following details:

Notify Destination

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

- QUEUE
- TOPIC

Queue Name

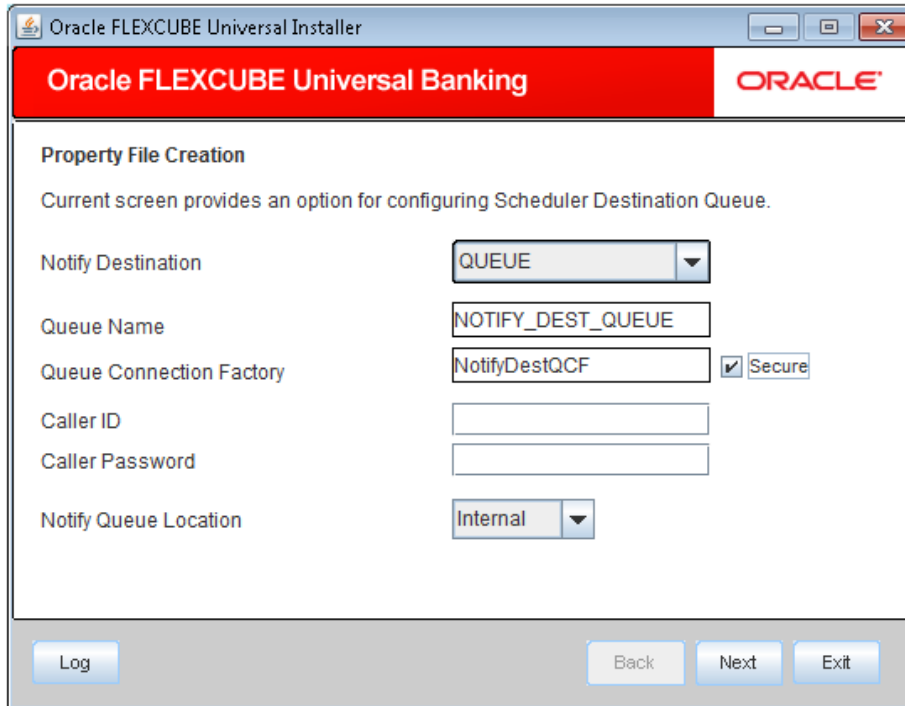
Set 'NOTIFY_DEST_QUEUE' as the destination queue name.

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.




5. Specify the following details:

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.

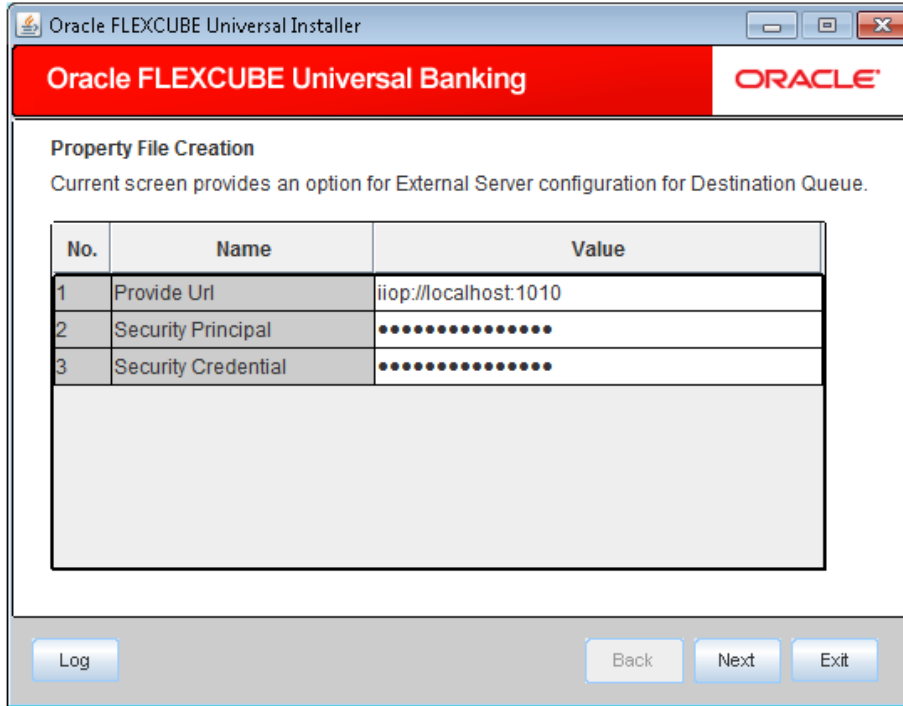
Notify Queue Location

Specify the notify queue location. The options are:

- Internal
- External

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

6. If you select 'External', you will be navigated to the following screen.



7. Specify the following details for the external queue.

Provider URL

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

1010 is the default IIOp port.


Security Principal

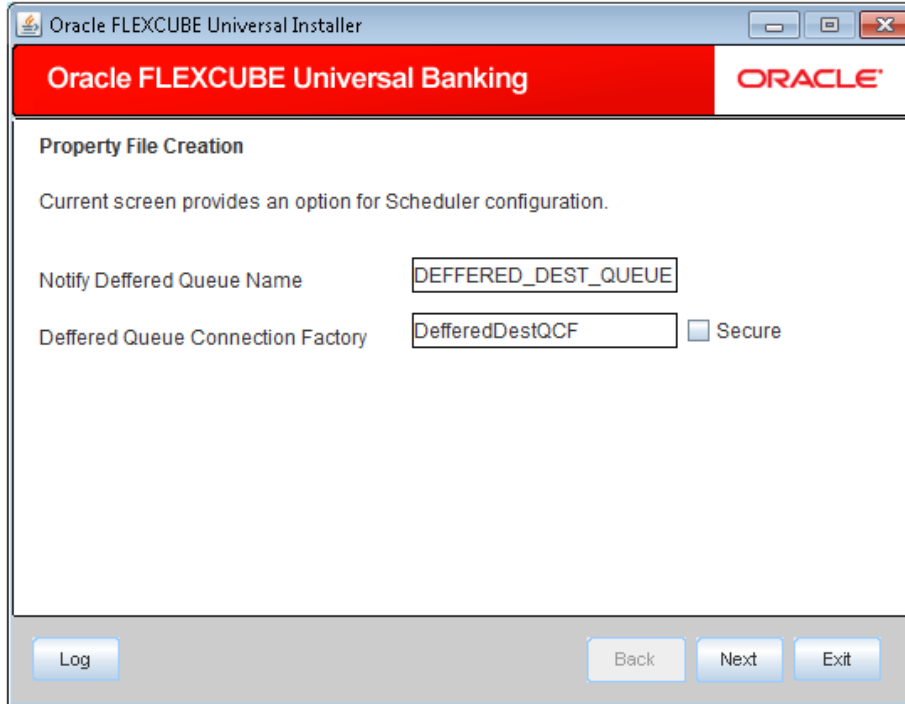
Specify the login ID to access the application server.

Security Credentials

Specify the password to access the application server.

8. 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.



9. Specify the following details:

Notify Deferred Queue Name

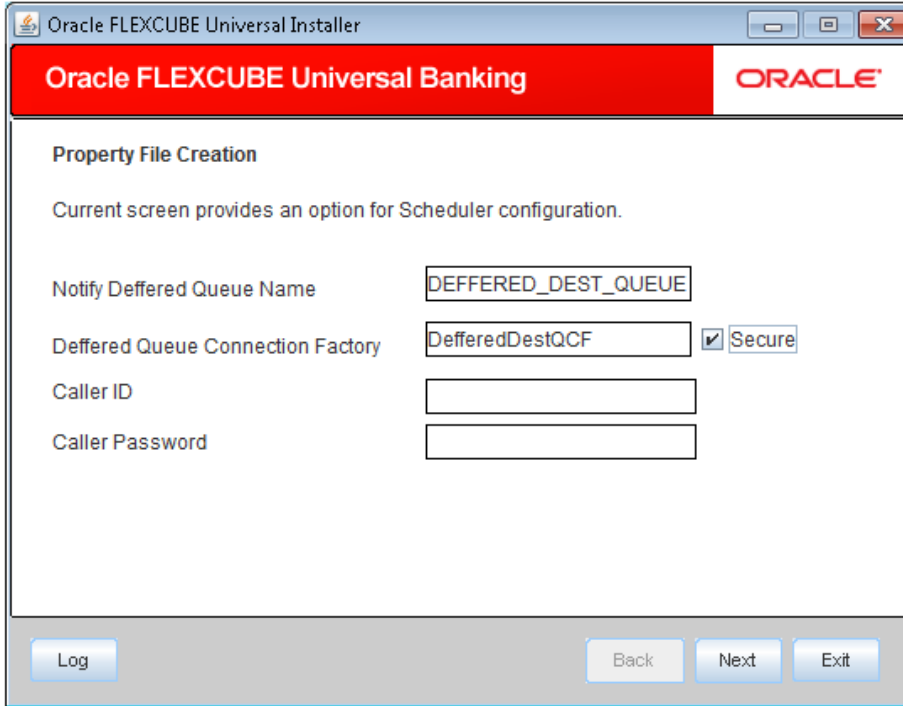
Set 'DEFERRED_DEST_QUEUE' as the notify deferred queue name.

Deferred Queue Connection Factory

Set 'DeferredDestQcf' as the deferred queue connection factory.

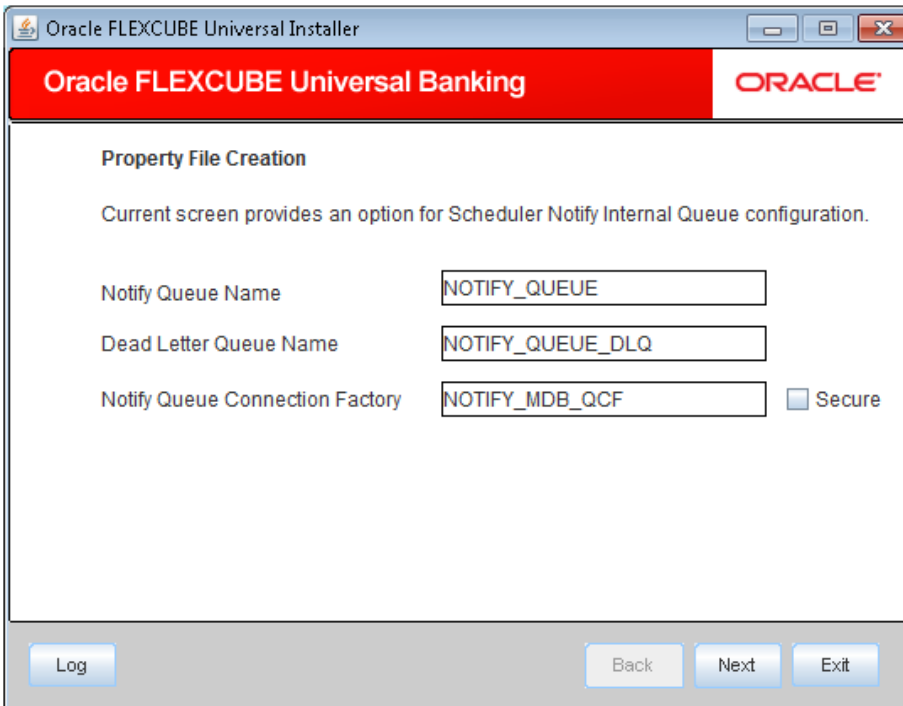
Secure

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



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

11. Click 'Next'. The following screen is displayed.



12. 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

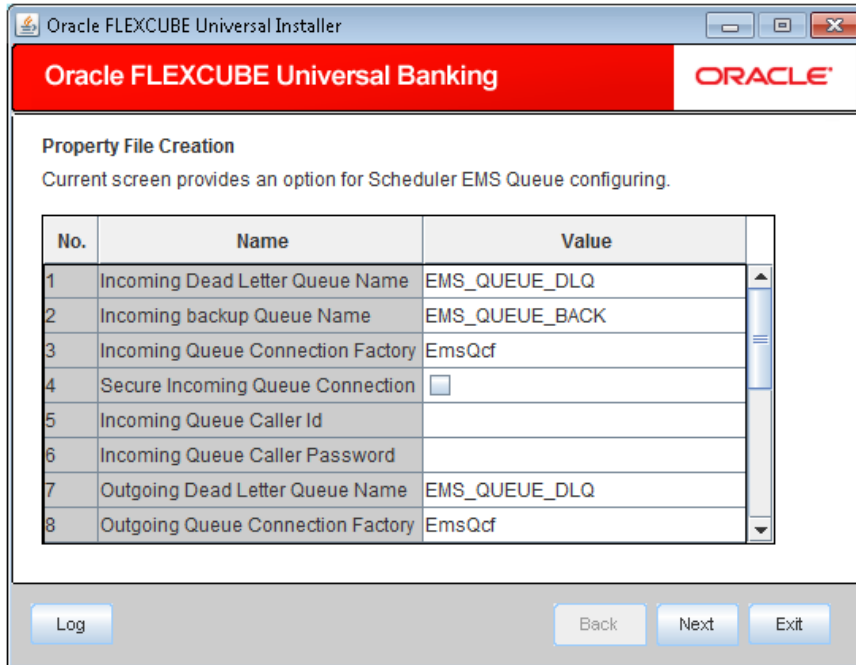
13. Specify the caller ID and caller password for the secured notify queue connection factory.

14. Click 'Next'. The following screen is displayed.

1.2.9 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_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).
IBM WebSphere	iiop://<ip_adress>: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.

Incoming Queue Name

Specify the incoming queue name.

Outgoing Queue Name

Specify the outgoing queue name.

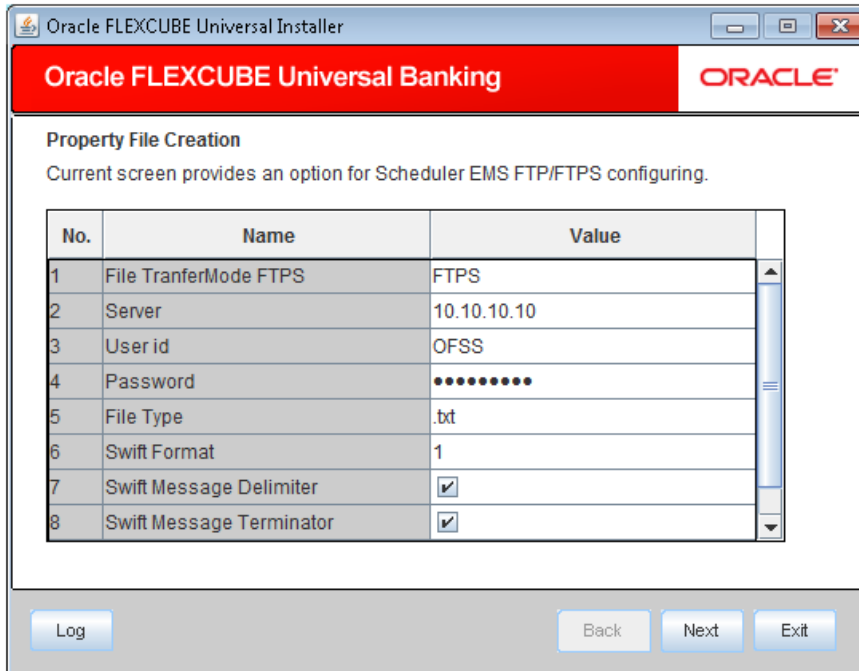
SFMS Incoming Queue

Specify the SFMS Incoming Queue.

RTGS Incoming Queue

Specify the RTGS incoming Queue.

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



4. Specify the following details:

File Transfer Mode FTPS

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

- FTPS
- SFTP
- HTTP

Server

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

User ID

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

Password

Specify the password to for the above user ID.

File Type

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

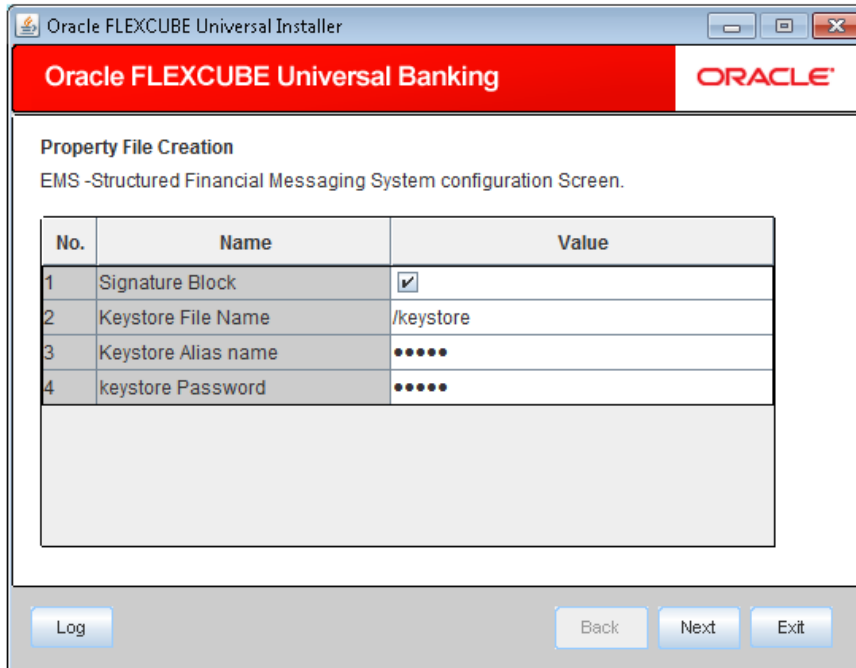
SWIFT Message Delimiter

Specify the character which is used as the message delimiter.

SWIFT Message Terminator

Specify the character which is used as the message terminator.

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



6. Specify the following details:

Signature Block

Check this box to enable signature block.

Keystore File Name

Specify the keystore file name.

Keystore Alias Name

Specify the keystore alias name.

Keystore Password

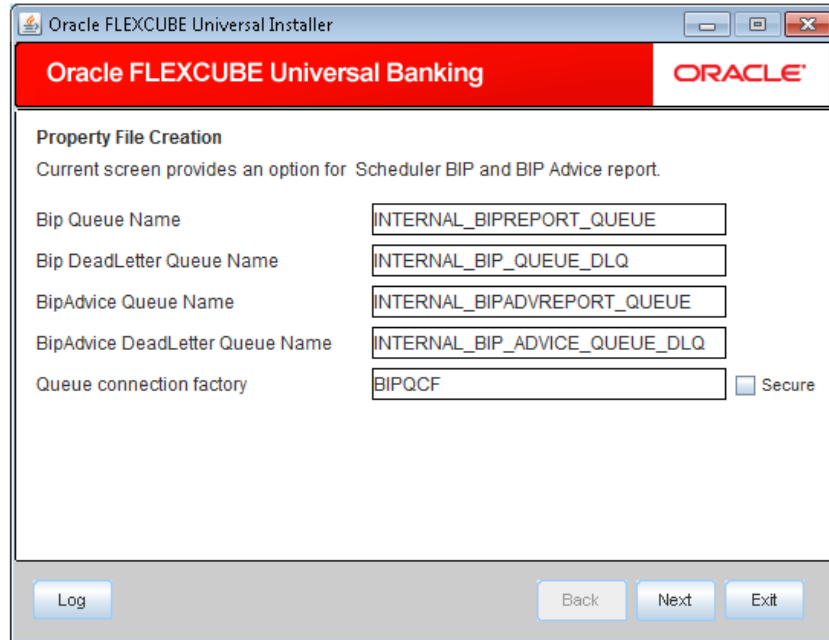
Specify the keystore password.

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

1.2.10 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. The following screen is displayed:



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

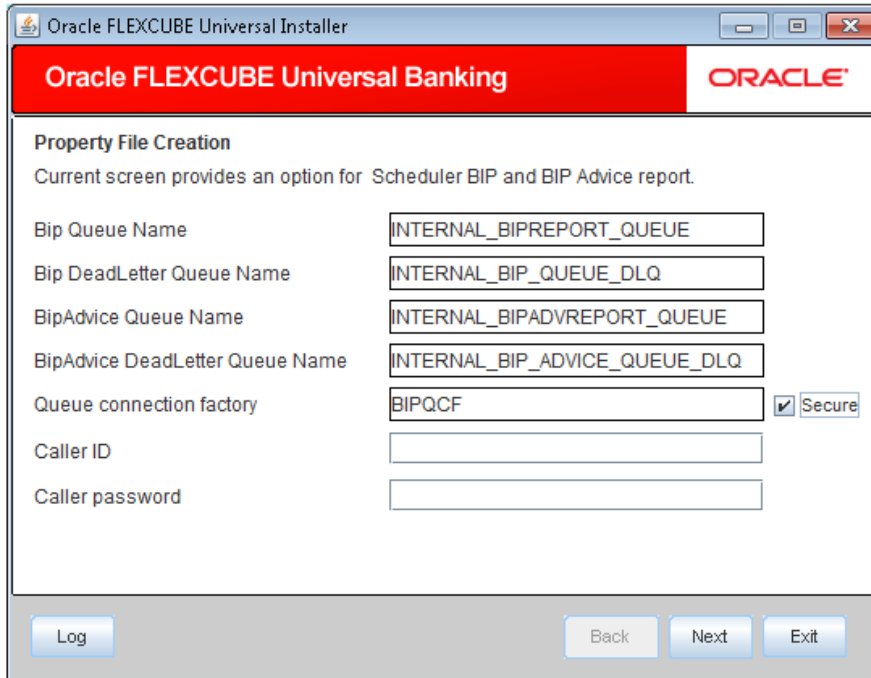
Specify the BIP advice dead letter queue name as 'INTERNAL_BIP_ADVICE_QUEUE_DLQ'.

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.

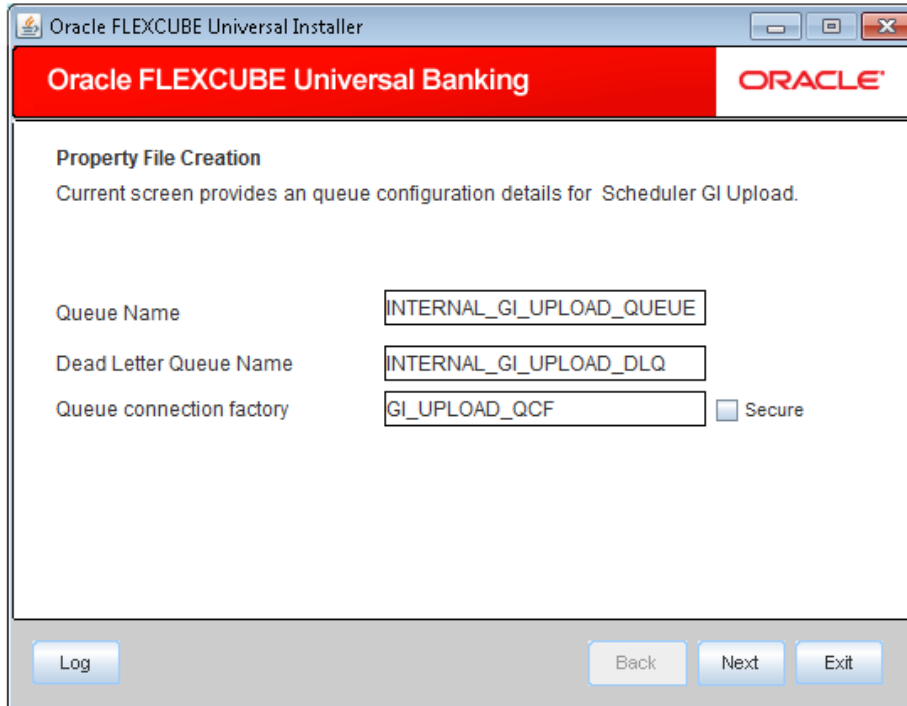


3. Specify the caller ID and caller password for the secured queue connection factory.
4. Once you have specified the above details, click 'Next'.

1.2.11 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. The following screen is displayed:



2. Specify the following details:

Queue Name

Specify the queue name as 'INTERNAL_GI_UPLOAD_QUEUE'.

Dead Letter Queue Name

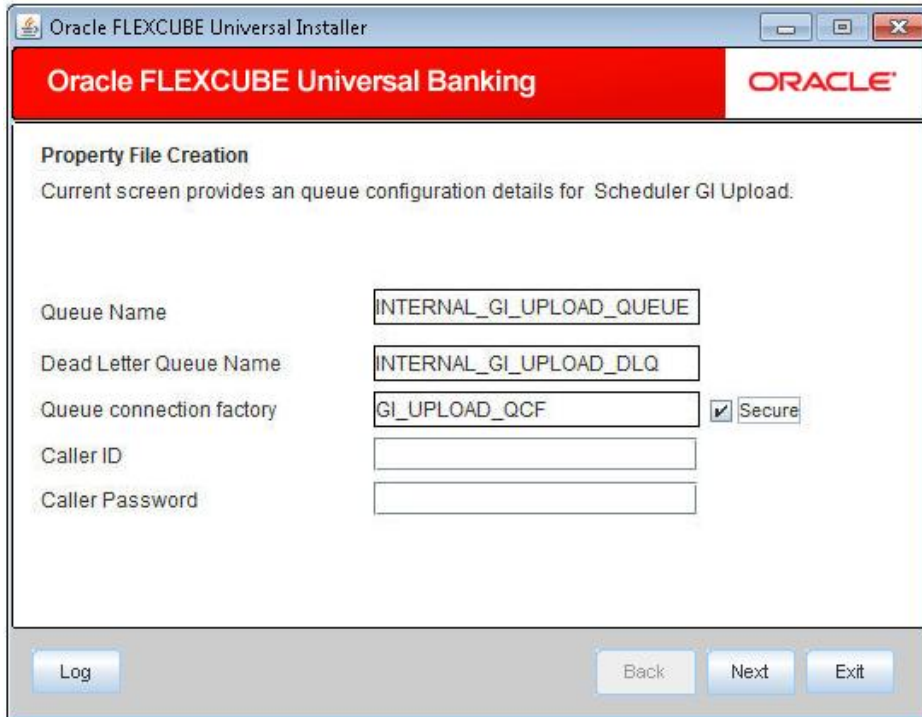
Specify the dead letter queue name as 'INTERNAL_GI_UPLOAD_DLQ'.

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.

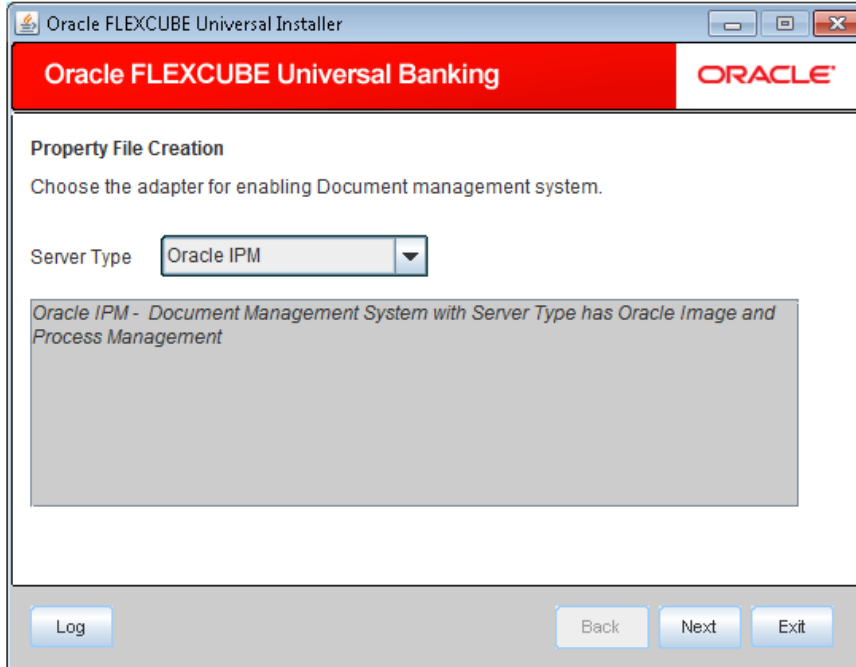


3. Specify the caller ID and caller password for the secured queue connection factory.
4. Once you have specified the above details, click 'Next'.

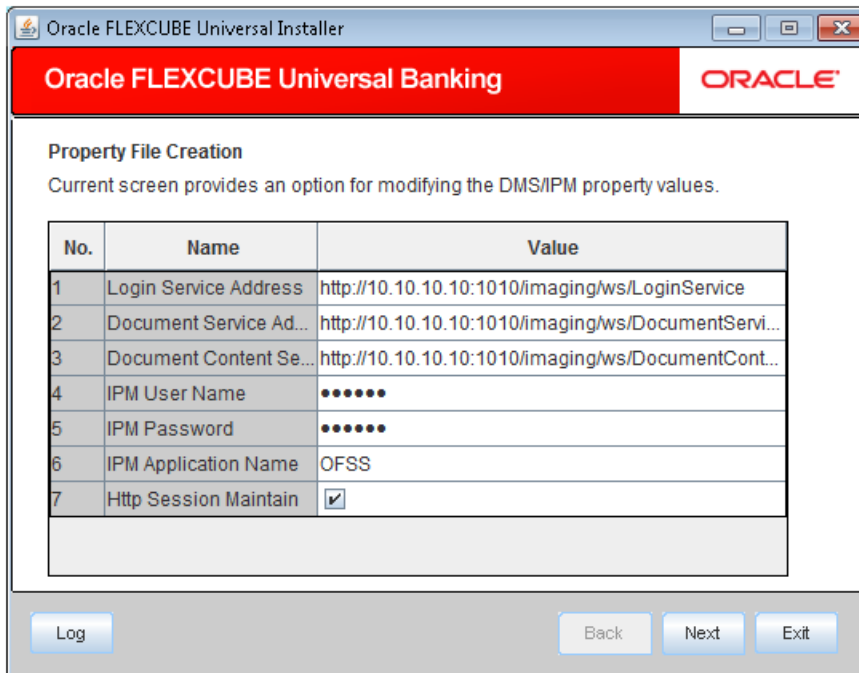
1.2.12 Setting Oracle IPM Adapter Properties

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

1. Set the server type in the following screen.



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



4. Specify the following details:

Login Service Address

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

Document Service Address

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

Document Content Service Address

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

IPM User Name

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

IPM Password

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

IPM Application Name

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

HTTP Session Maintain

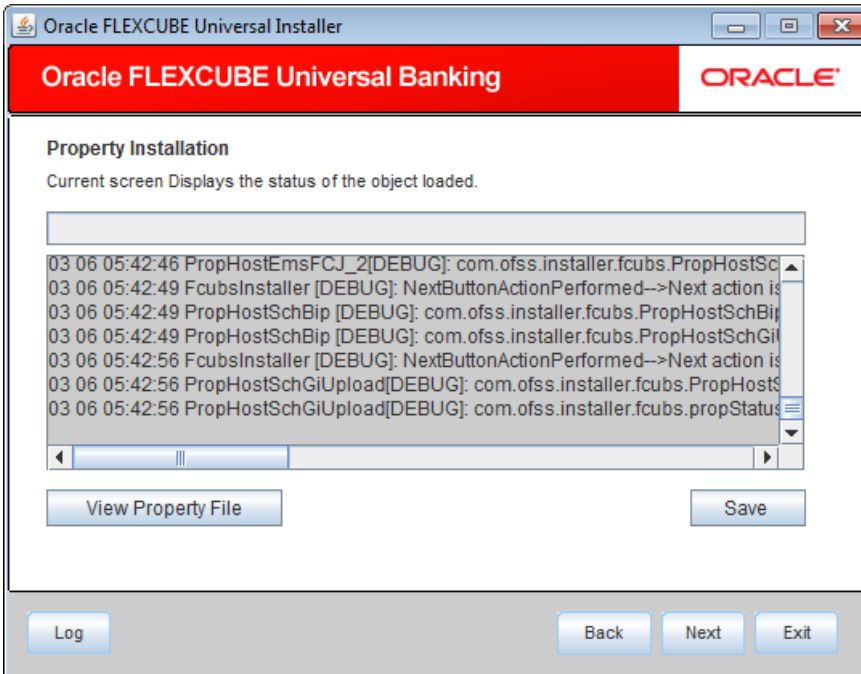
Check this box to indicate whether HTTP session to be maintained or not (OracleIPM11G.MaintainSession).

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

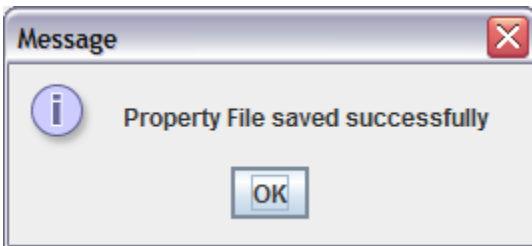
1.2.13 Saving Property File

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

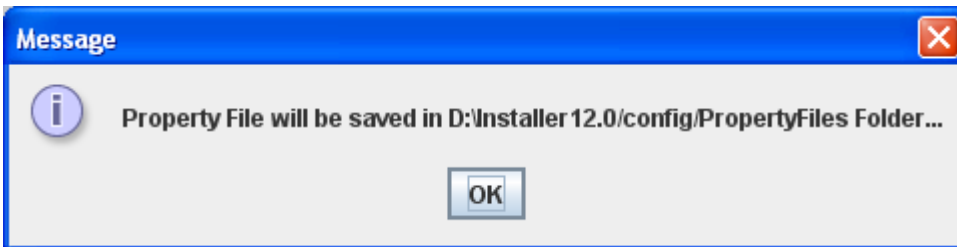
1. Save the property file.



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.



4. This completes the properties file creation.



FLEXCUBE General Ledger Property File Creation
[October] [2015]
Version 12.1.0.0.0

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