Standalone Scheduler Property File Creation
Oracle FLEXCUBE Investor Servicing
Release 14.6.0.0.0
[May] [2022]

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1. Creating Property File for Standalone Scheduler

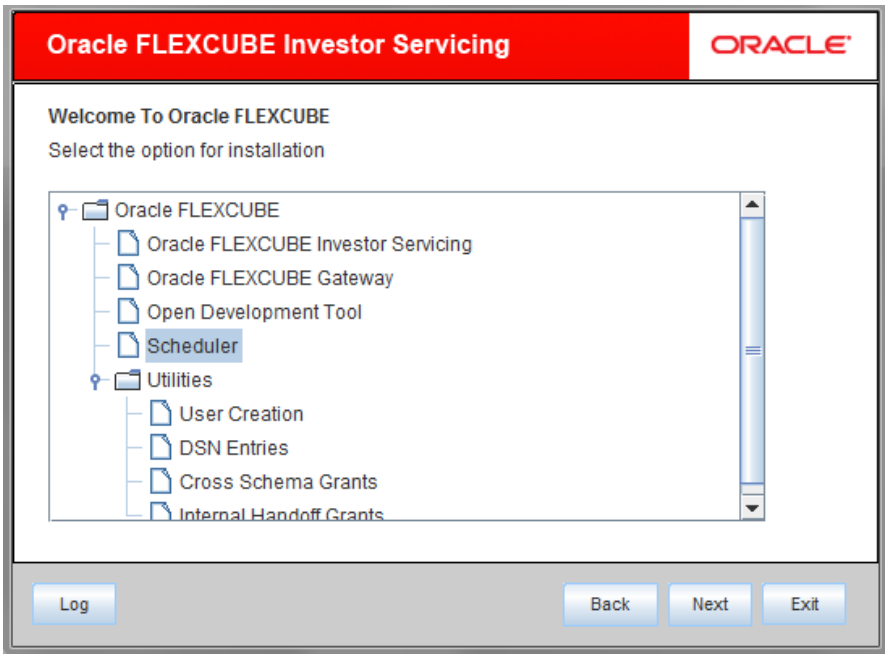
1.1 Introduction

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

1.2 Creating Property File

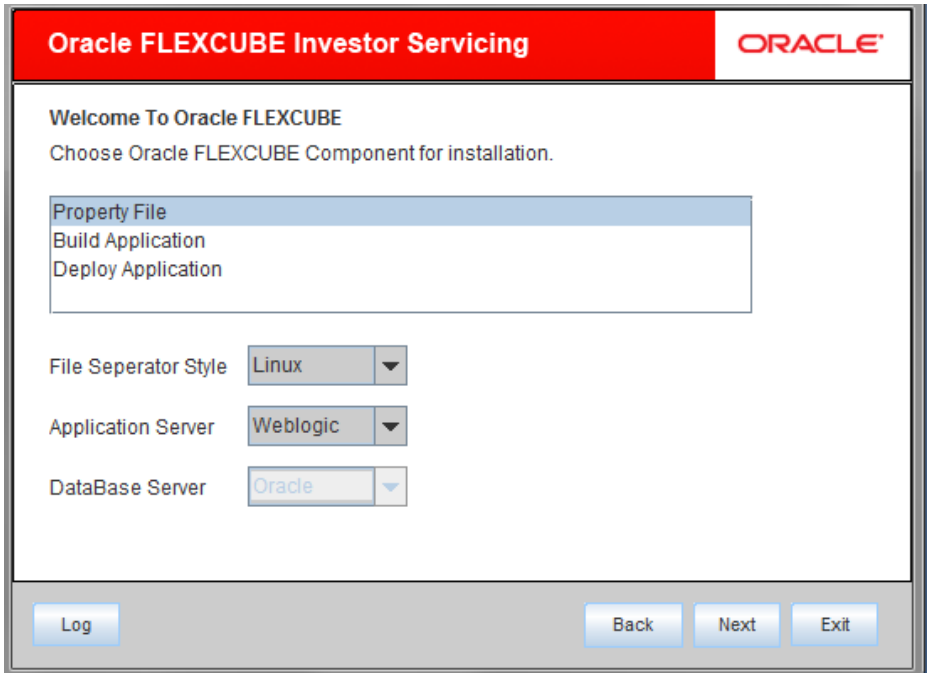
To create the property file for Oracle FLEXCUBE, follow the steps given below:

1. Launch Oracle FLEXCUBE Universal Installer.
2. Click ‘Next’ and the following screen is displayed.



3. Select ‘Scheduler’.

4. Click ‘Next’ and the following screen is displayed.



Select ‘Property File’.

5. Specify the following details:

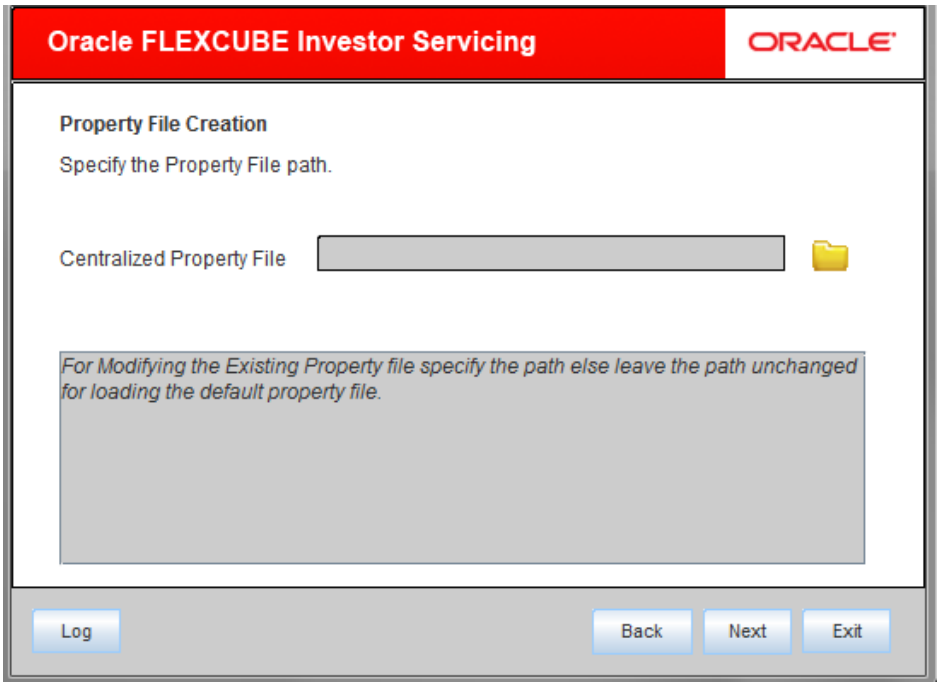
Operating System

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.

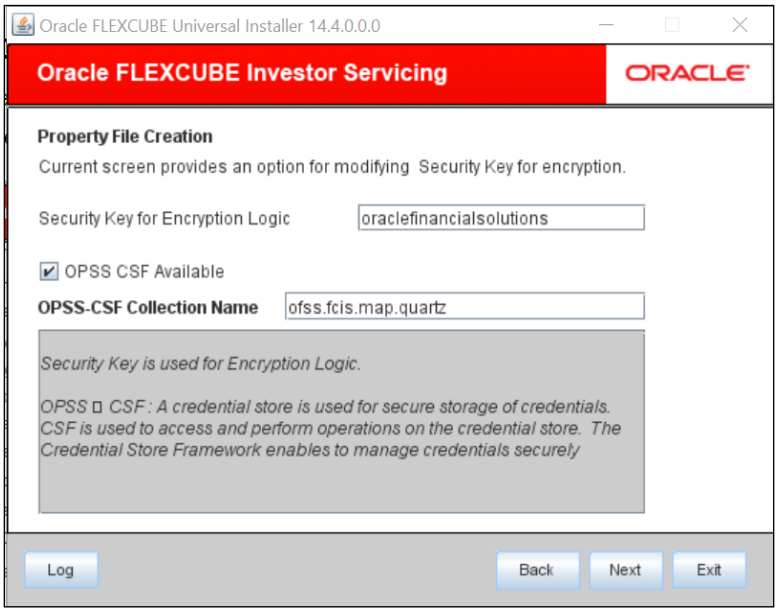
6. Once you have specified the details, click ‘Next’ to continue and following screen is displayed:



7. 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.

When you click ‘Next’, the following screen is displayed.

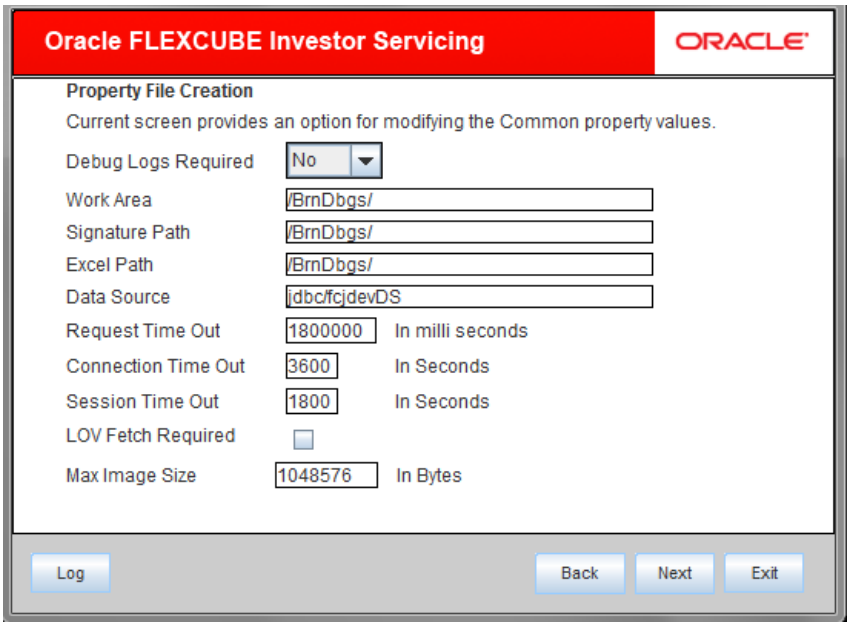


Click ‘Next’ and the following screen is displayed:

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.

Max Image size

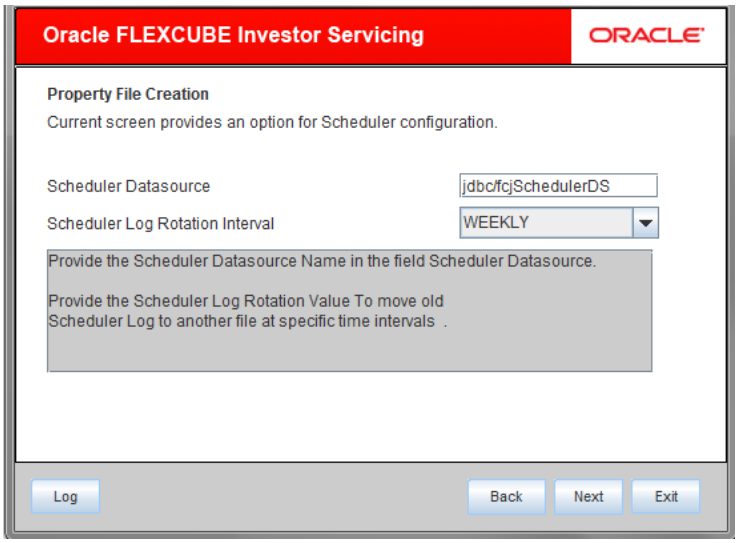
Specify the maximum image size in bytes.

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:



2. Specify the following details:

Scheduler Datasource

Specify the scheduler datasource which Oracle FLEXCUBE will access.

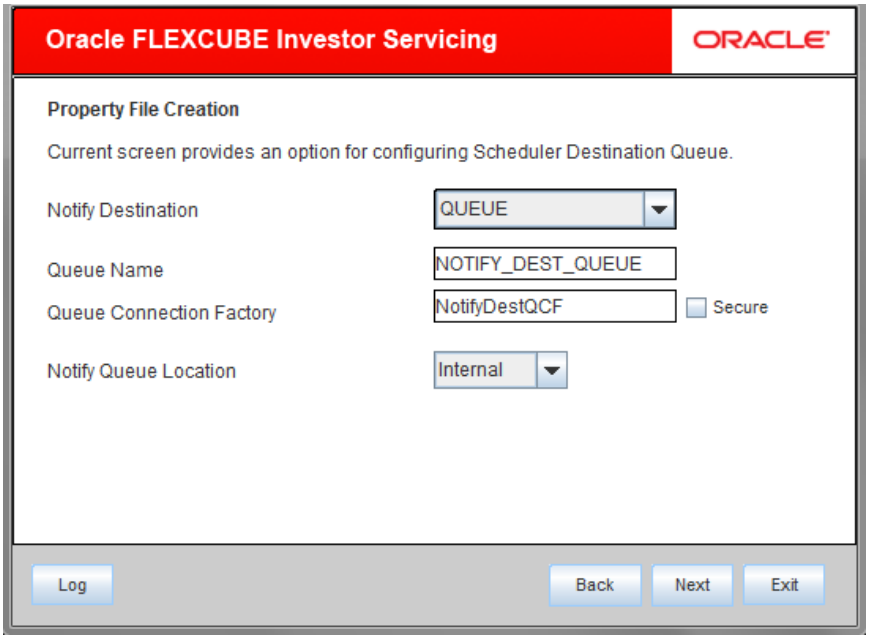
Scheduler Log Rotation Interval

Specify the scheduler log rotation interval.

Scheduler Log Rotation Interval

Select the interval between each rotation of scheduler log.

3. Click ‘Next’ and the following screen is displayed:



4. Specify the following details:

Notify Destination

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

- QUEUE
- TOPIC

Queue Name

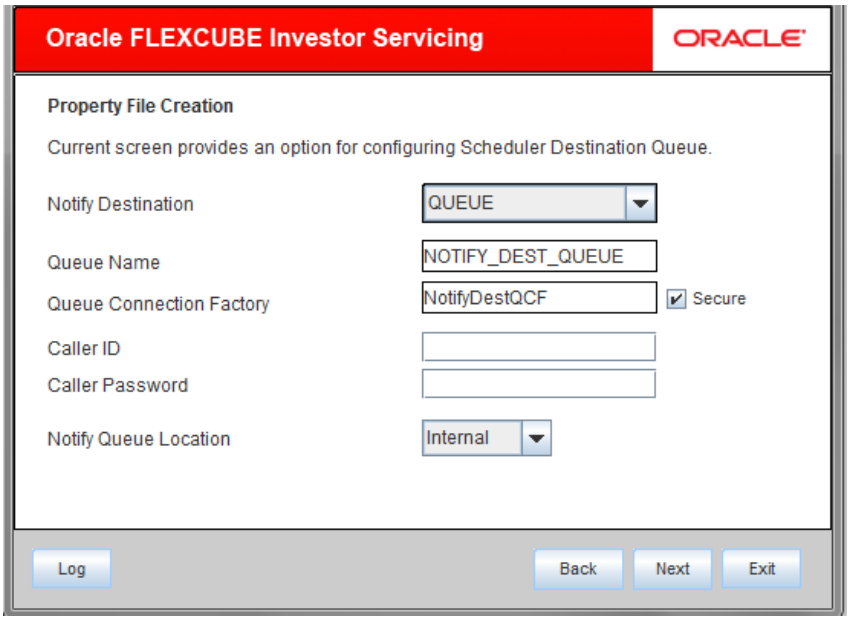
Set ‘NOTIFY_DEST_QUEUE’ as the destination queue name.

Queue Connection Factory

Set ‘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, you will be prompted to specify the caller ID and caller password as shown in the following screen.



Caller ID

Specify the caller ID for the secured queue connection factory.

Caller Password

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

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

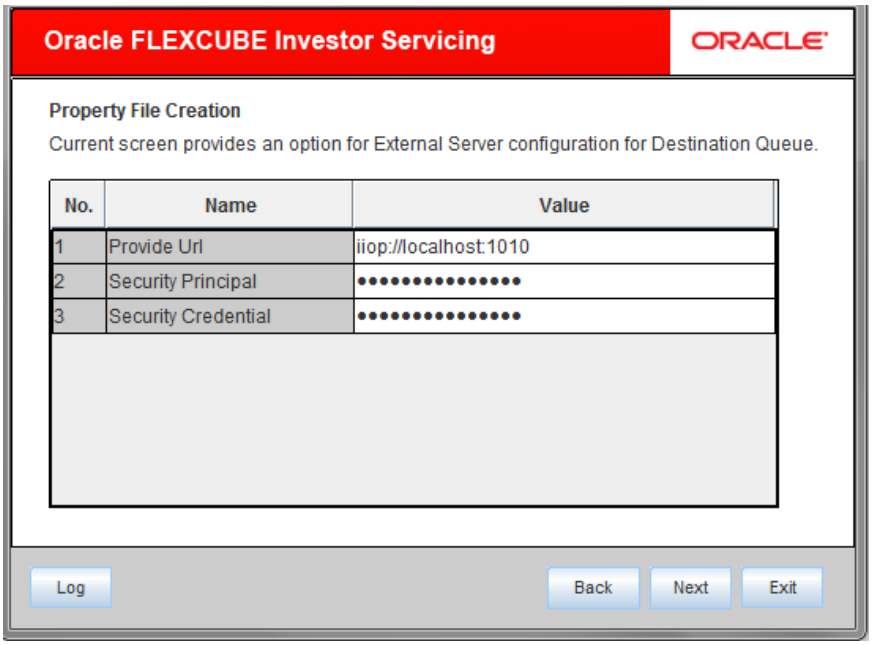
Notify Queue Location

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

- Internal
- External

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

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



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

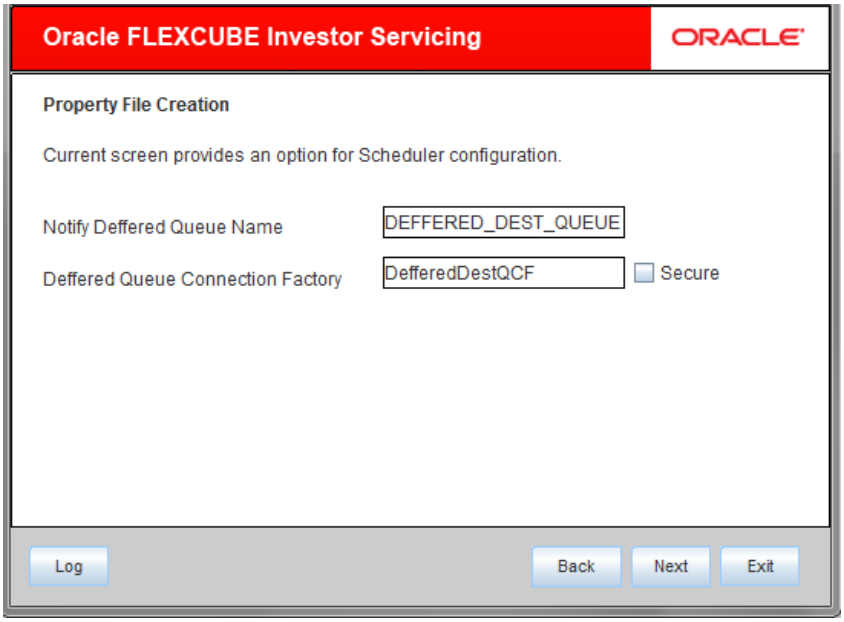
Specify the login ID to access the application server.

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.



8. Specify the following details:

Notify Deffered Queue Name

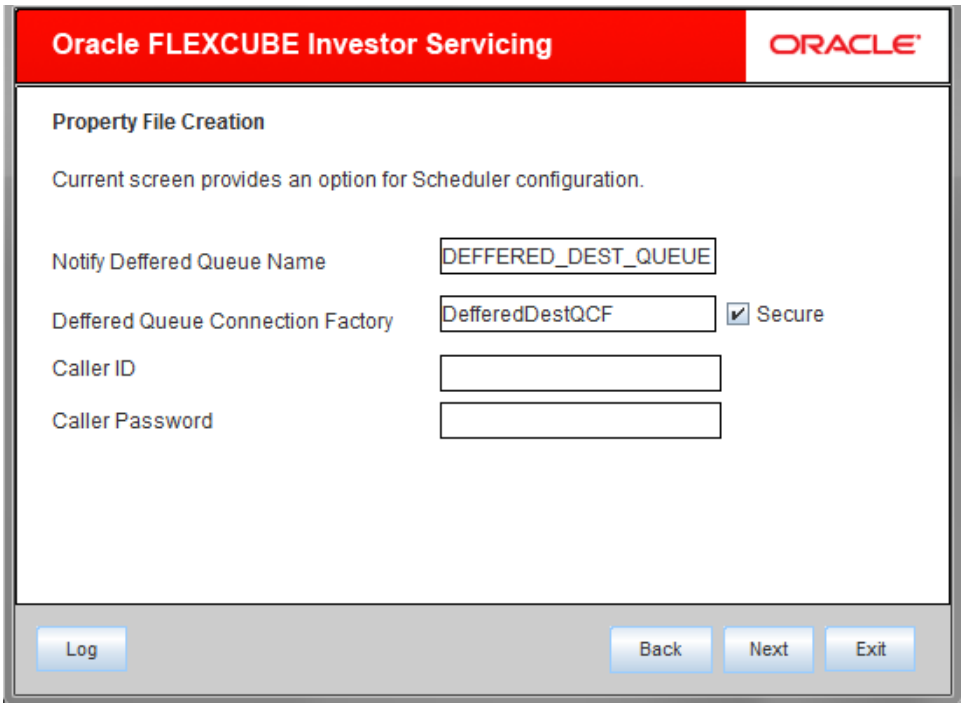
Set ‘DEFFERED_DEST_QUEUE’ as the notified deferred queue name.

Deffered Queue Connection Factory

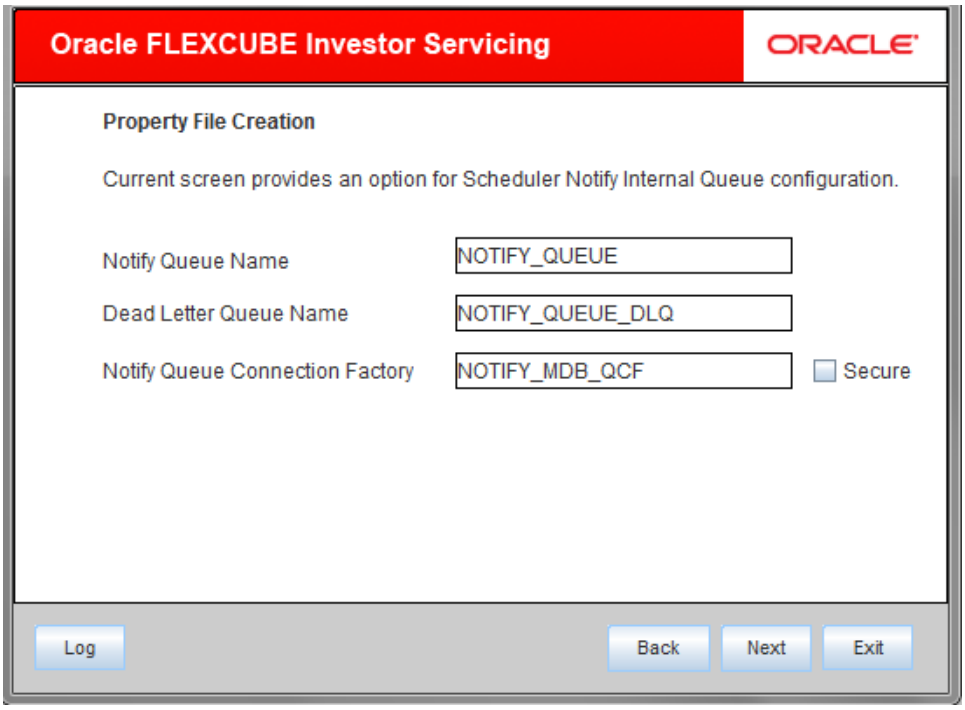
Set ‘DefferedDestQCF’ as the deferred queue connection factory.

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.



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

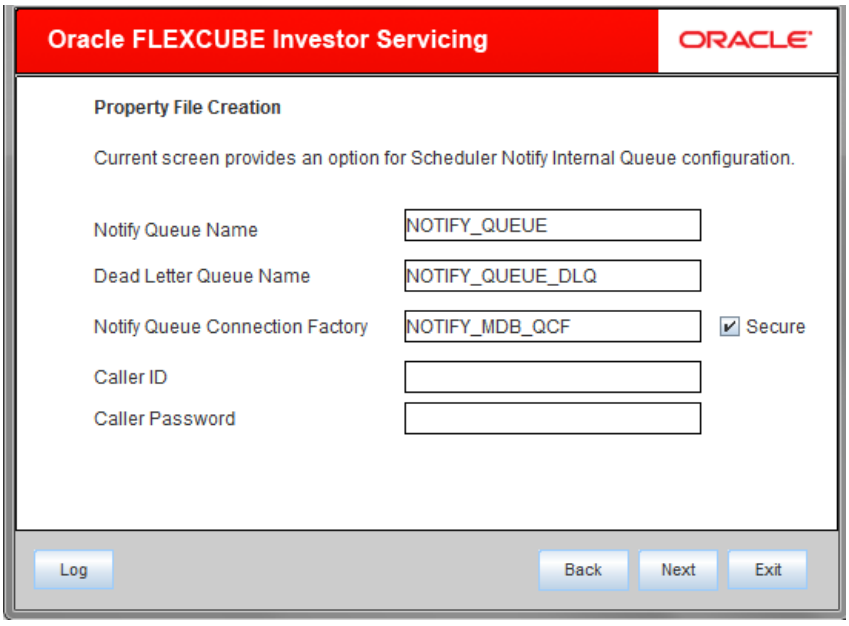
Set ‘NOTIFY_QUEUE_DLQ’ as the dead letter queue name.

Notify Queue Connection Factory

Set ‘NOTIFY_MDB_QCF’ as the notify queue connection factory.

Secure

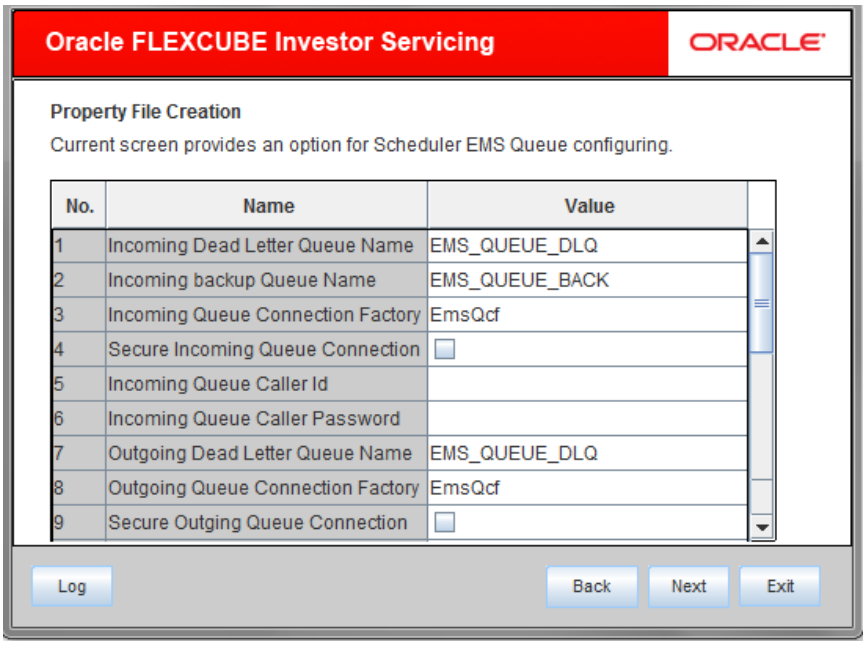
Check this box to indicate that it is a secured queue connection factory. If you check this box, you will be prompted to enter the caller ID and caller password as shown in the following screen.

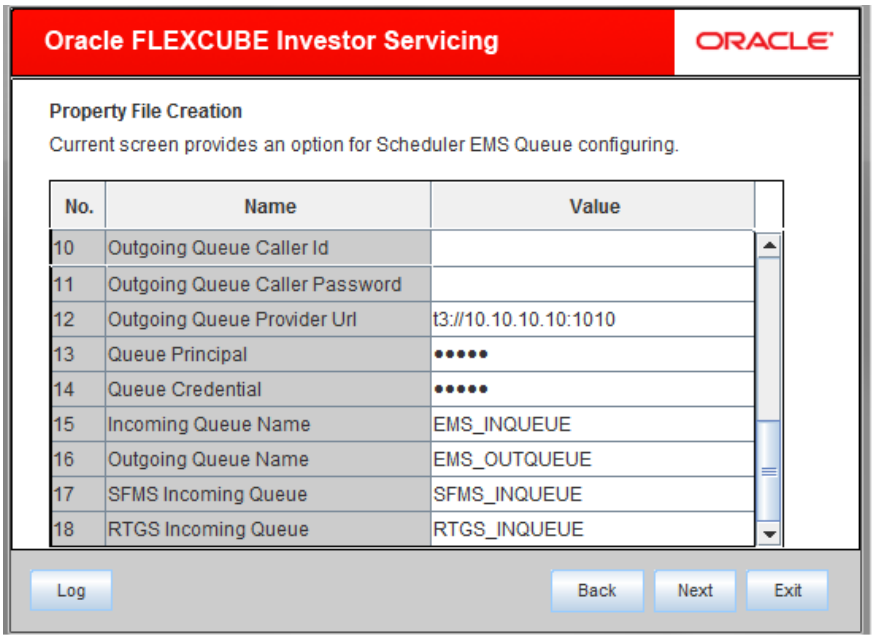


12. Specify the caller ID and caller password for the secured notify queue connection factory.

13. Click ‘Next’ and the following screen is displayed:

1.2.3 Setting EMS Properties





Specify the following details:

Incoming Dead Letter Queue Name

Set ‘EMS_QUEUE_DLQ’ as the incoming dead letter queue name.

Incoming Backup Queue Name

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

Set ‘EMS_QUEUE_BACK’ as the incoming backup queue name.

Incoming Queue 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.

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

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.

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

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 name of the incoming queue for which EMS is configured. By default, this is set as ‘EMS_QUEUE_DLQ’. Outgoing Queue Name

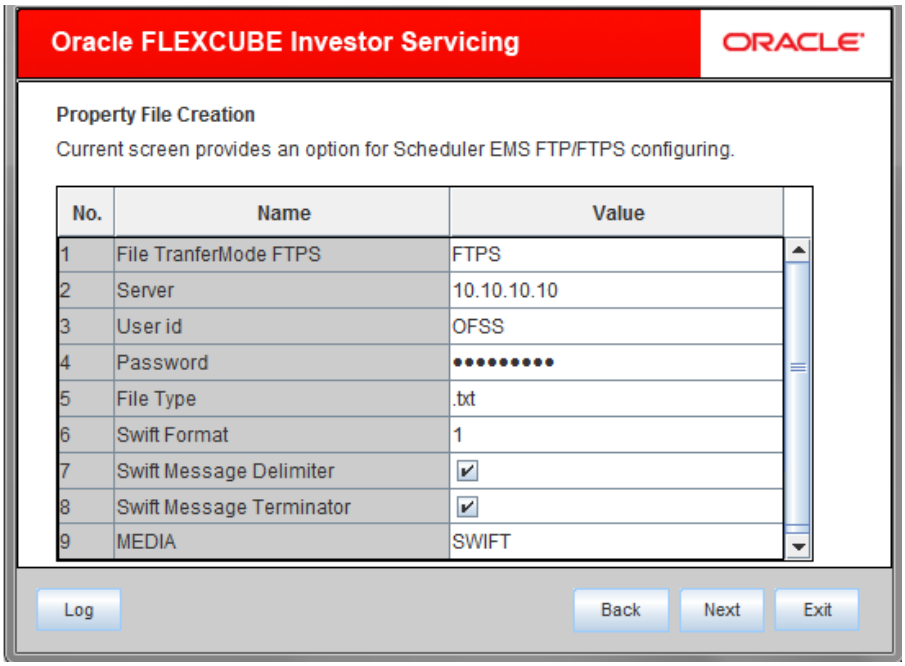
Specify the name of the outgoing queue for which EMS is configured. By default, this is set as ‘EMS_QUEUE_DLQ’. SFMS Incoming Queue

Specify the name of the SFMS Incoming Queue. By default, this is set as ‘SFMS_INQUEUE’.

RTGS Incoming Queue

Specify the name of the RTGS incoming Queue. By default, this is set as ‘RTGS_INQUEUE’.

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



14. 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’.

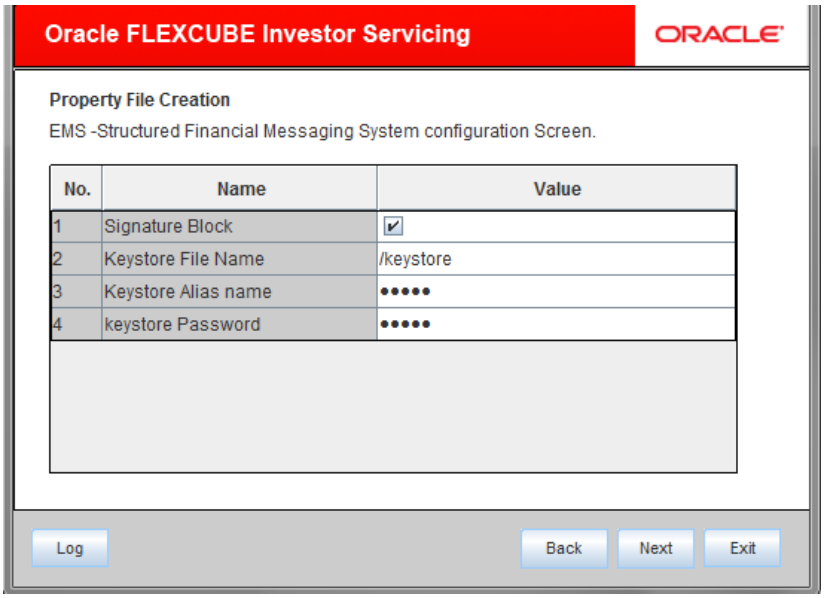
SWIFT Message Delimiter

Specify the character which is used as the message delimiter.

SWIFT Message Terminator

Specify the character which is used as the message terminator.

15. Once you have specified the above details, click ‘Next’. and the following screen is displayed:



16. 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

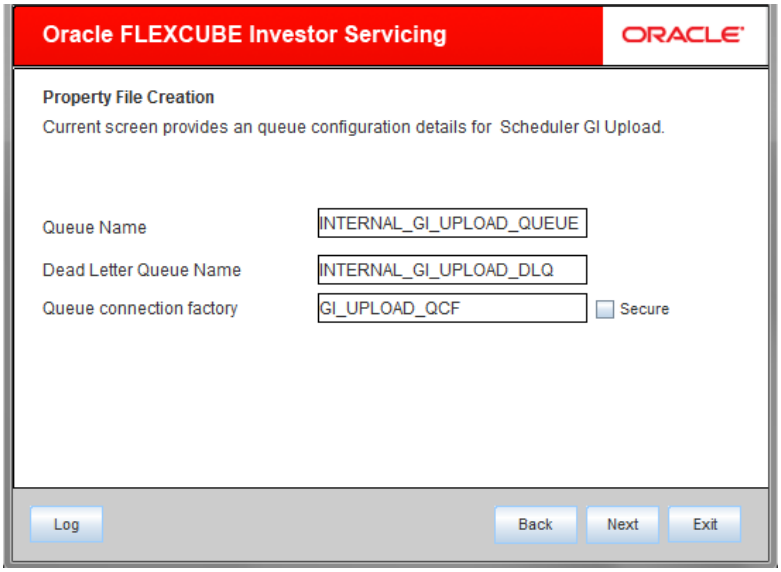
Specify the keystore password.

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

1.2.4 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:



Specify the following details:

Queue Name

Specify the queue name as ‘INTERNAL_GI_UPLOAD_QUEUE’.

Dead Letter Queue Name

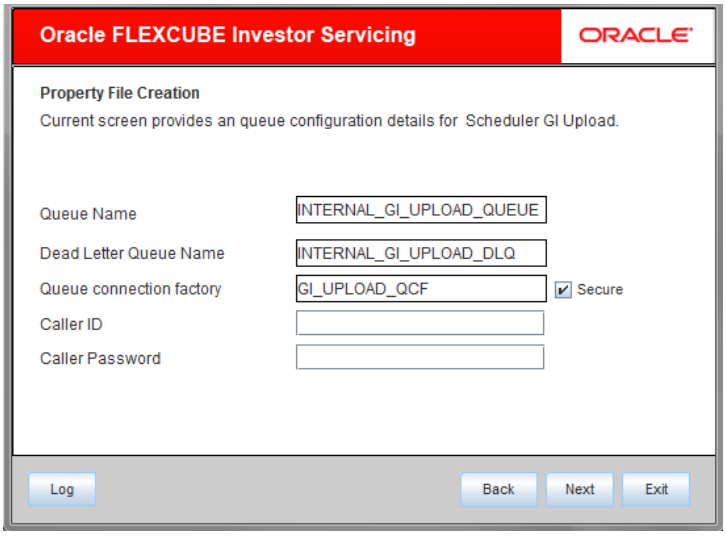
Specify the dead letter queue name as ‘INTERNAL_GI_UPLOAD_DLQ’.

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:

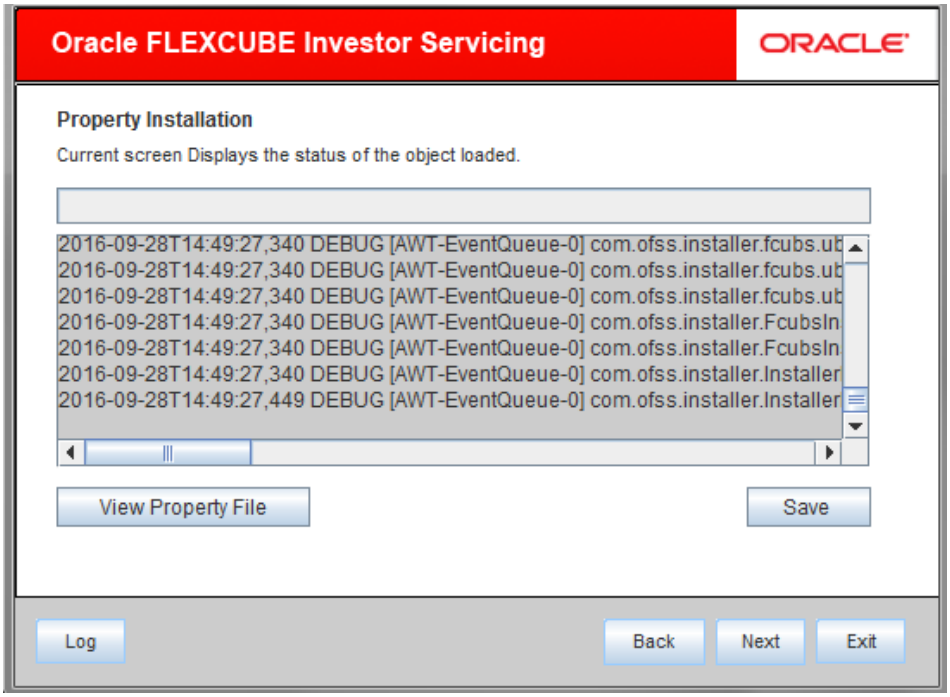


2. Specify the caller ID and caller password for the secured queue connection factory.
3. Once you have specified the above details, click ‘Next’ and system displays the next screen.

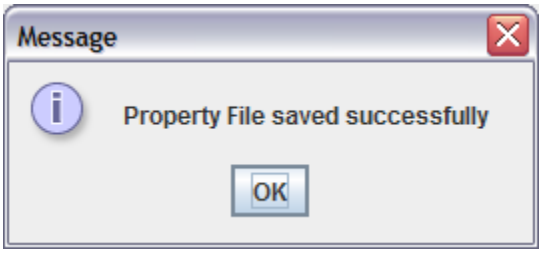
1.2.5 Saving Property File

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

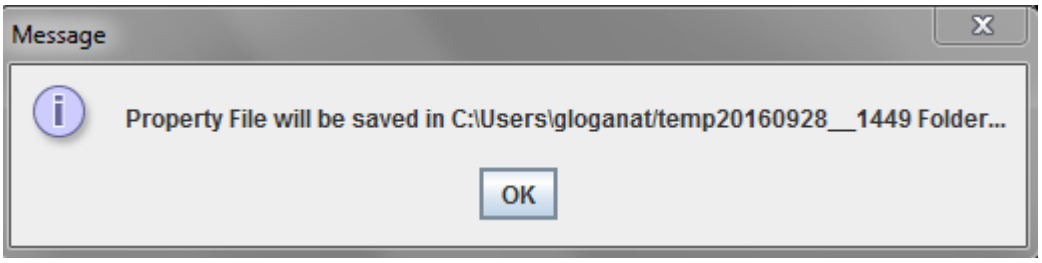
1. Save the property file.



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 'C:\Users\<username>' folder. In that case, you will see the message below.



This completes the properties file creation.

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