

Standalone Scheduler Property File Creation
Oracle FLEXCUBE Investor Servicing
Release 12.0.4.7.11
[December] [2017]



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1. Creating Property File for Standalone scheduler

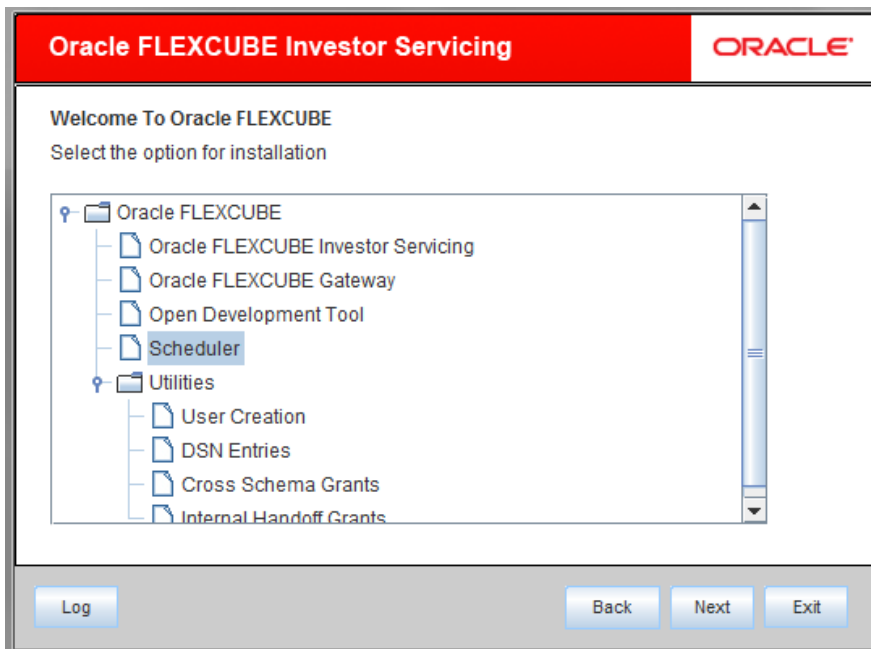
1.1 Introduction

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.

Oracle FLEXCUBE Investor Servicing

ORACLE

Welcome To Oracle FLEXCUBE
Choose Oracle FLEXCUBE Component for installation.

Property File
Build Application
Deploy Application

File Seperator Style Linux

Application Server Weblogic

DataBase Server Oracle

Log Back Next Exit

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:

Oracle FLEXCUBE Investor Servicing **ORACLE**

Property File Creation
Specify the Property File path.

Centralized Property File 

For Modifying the Existing Property file specify the path else leave the path unchanged for loading the default property file.

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.

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.

Oracle FLEXCUBE Investor Servicing ORACLE

Property File Creation
Current screen provides an option for modifying the Common property values.

Debug Logs Required

Work Area

Signature Path

Excel Path

Data Source

Request Time Out In milli seconds

Connection Time Out In Seconds

Session Time Out In Seconds

LOV Fetch Required

Max Image Size In Bytes

Log Back Next Exit

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

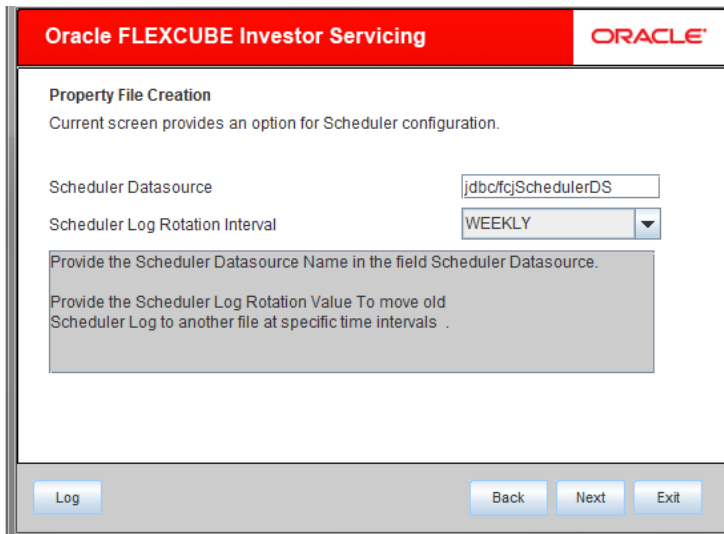
Specify the maximum image size in bytes.

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:



The screenshot shows a web-based configuration window titled "Oracle FLEXCUBE Investor Servicing" with the Oracle logo. The main heading is "Property File Creation" and the sub-heading is "Current screen provides an option for Scheduler configuration." There are two input fields: "Scheduler Datasource" with the value "jdbcfjSchedulerDS" and "Scheduler Log Rotation Interval" with a dropdown menu set to "WEEKLY". Below these fields is a grey box containing instructions: "Provide the Scheduler Datasource Name in the field Scheduler Datasource." and "Provide the Scheduler Log Rotation Value To move old Scheduler Log to another file at specific time intervals .". At the bottom of the window are four buttons: "Log", "Back", "Next", and "Exit".

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:

Oracle FLEXCUBE Investor Servicing 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 '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.

The screenshot shows a window titled "Oracle FLEXCUBE Investor Servicing" with the Oracle logo. The main content area is titled "Property File Creation" and contains the following text: "Current screen provides an option for configuring Scheduler Destination Queue." Below this, there are several form fields: "Notify Destination" is a dropdown menu set to "QUEUE"; "Queue Name" is a text box containing "NOTIFY_DEST_QUEUE"; "Queue Connection Factory" is a text box containing "NotifyDestQCF" with a checked "Secure" checkbox to its right; "Caller ID" and "Caller Password" are empty text boxes; and "Notify Queue Location" is a dropdown menu set to "Internal". 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 notified deferred queue name and connection factory.

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

The screenshot shows a web application window titled "Oracle FLEXCUBE Investor Servicing" with the Oracle logo in the top right. The main content area is titled "Property File Creation" and includes a sub-header: "Current screen provides an option for External Server configuration for Destination Queue." Below this is a table with three rows and three columns: "No.", "Name", and "Value".

No.	Name	Value
1	Provide Uri	iiop://localhost:1010
2	Security Principal
3	Security Credential

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

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

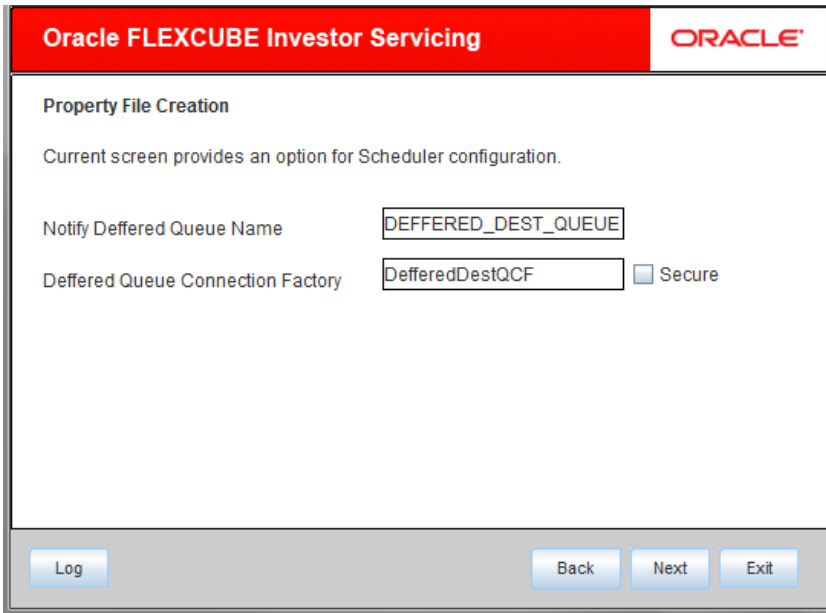
Specify the login ID to access the application server.

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.



Oracle FLEXCUBE Investor Servicing ORACLE

Property File Creation

Current screen provides an option for Scheduler configuration.

Notify Deffered Queue Name DEFFERED_DEST_QUEUE

Deffered Queue Connection Factory DefferedDestQCF Secure

Log Back Next Exit

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.

The screenshot shows a software window titled "Oracle FLEXCUBE Investor Servicing" with the Oracle logo in the top right. 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 four input fields: "Notify Deferred Queue Name" with the value "DEFERRED_DEST_QUEUE", "Deferred Queue Connection Factory" with the value "DeferredDestQCF", "Caller ID" (empty), and "Caller Password" (empty). To the right of the "Deferred Queue Connection Factory" field is a checked checkbox labeled "Secure". At the bottom of the window, there are four buttons: "Log", "Back", "Next", and "Exit".

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

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

The screenshot shows a software window titled "Oracle FLEXCUBE Investor Servicing" with the Oracle logo in the top right. The main content area is titled "Property File Creation" and contains the following text: "Current screen provides an option for Scheduler Notify Internal Queue configuration." Below this, there are three input fields: "Notify Queue Name" with the value "NOTIFY_QUEUE", "Dead Letter Queue Name" with the value "NOTIFY_QUEUE_DLQ", and "Notify Queue Connection Factory" with the value "NOTIFY_MDB_QCF". To the right of the "Notify Queue Connection Factory" field is an unchecked checkbox labeled "Secure". At the bottom of the window, there are four buttons: "Log", "Back", "Next", and "Exit".

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.

The screenshot shows a software window titled "Oracle FLEXCUBE Investor Servicing" with the Oracle logo in the top right corner. The main content area is titled "Property File Creation" and contains the following text: "Current screen provides an option for Scheduler Notify Internal Queue configuration." Below this, there are five input fields and one checkbox:

- Notify Queue Name:
- Dead Letter Queue Name:
- Notify Queue Connection Factory: Secure
- Caller ID:
- Caller Password:

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

1.2.3 Setting EMS Properties

Oracle FLEXCUBE Investor Servicing ORACLE

Property File Creation
Current screen provides an option for Scheduler EMS Queue configuring.

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"/>

Log Back Next Exit

Oracle FLEXCUBE Investor Servicing ORACLE

Property File Creation
Current screen provides an option for Scheduler EMS Queue configuring.

No.	Name	Value
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

Log Back Next Exit

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.

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

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:

Oracle FLEXCUBE Investor Servicing ORACLE

Property File Creation
EMS -Structured Financial Messaging System configuration Screen.

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

Log Back Next Exit

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 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:

Oracle FLEXCUBE Investor Servicing 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 <input type="checkbox"/> Secure

Log Back Next 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 Investor Servicing 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:
Caller password:
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:

Oracle FLEXCUBE Investor Servicing ORACLE

Property File Creation
Current screen provides an queue configuration details for Scheduler GI Upload.

Queue Name: INTERNAL_GI_UPLOAD_QUEUE
Dead Letter Queue Name: INTERNAL_GI_UPLOAD_DLQ
Queue connection factory: GI_UPLOAD_QCF Secure
Log Back Next Exit

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:

The screenshot shows a web application window titled "Oracle FLEXCUBE Investor Servicing" with the Oracle logo in the top right corner. The main content area is titled "Property File Creation" and contains the following text: "Current screen provides an queue configuration details for Scheduler GI Upload." Below this text are five input fields: "Queue Name" (containing "INTERNAL_GI_UPLOAD_QUEUE"), "Dead Letter Queue Name" (containing "INTERNAL_GI_UPLOAD_DLQ"), "Queue connection factory" (containing "GI_UPLOAD_QCF"), "Caller ID" (empty), and "Caller Password" (empty). To the right of the "Queue connection factory" field is a checked checkbox labeled "Secure". At the bottom of the window, there are four buttons: "Log", "Back", "Next", and "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.

1.2.6 Setting Report Properties

This section describes the methods to set report properties.

System displays the following screen:

No.	Name	Value
1	Server End Point	http://10.10.10.10:1010/xmlpserver/services/v2/R...
2	Name Space	http://xmlns.oracle.com/oxp/service/PublicReport...
3	User Name	Administrator
4	Password
5	Reports Advice Spool Path	/ReportsSpool
6	Advice Type	NATIVE
7	BIP Server Version	11g
8	BIP Time Zone	IST

5. 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

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

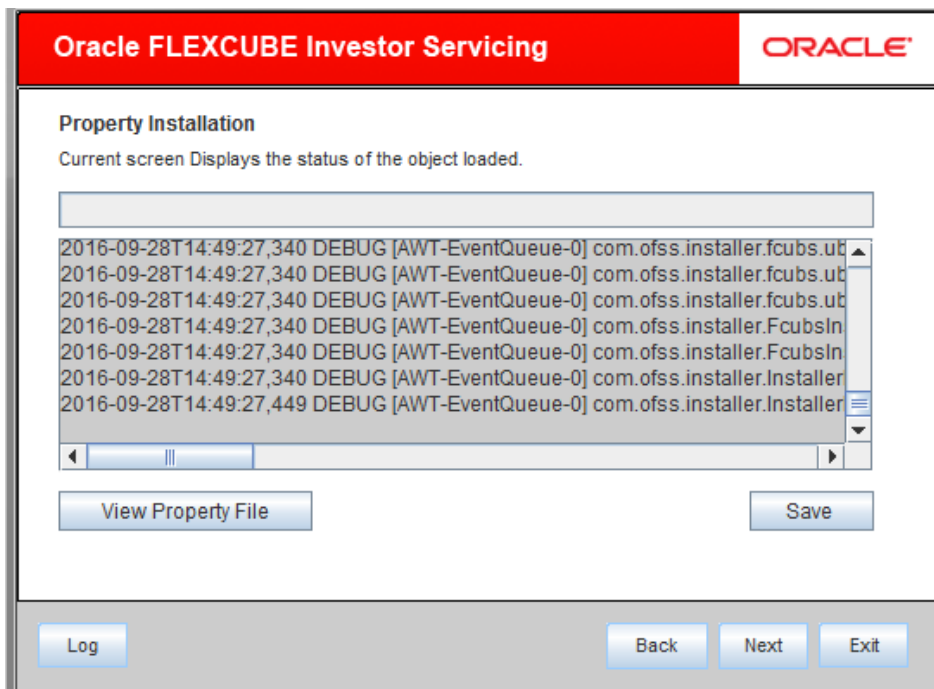
Specify the time zone of the BIP server.

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

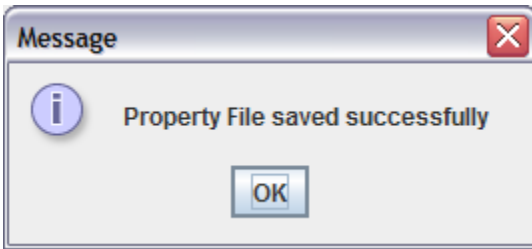
1.2.7 Saving Property File

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

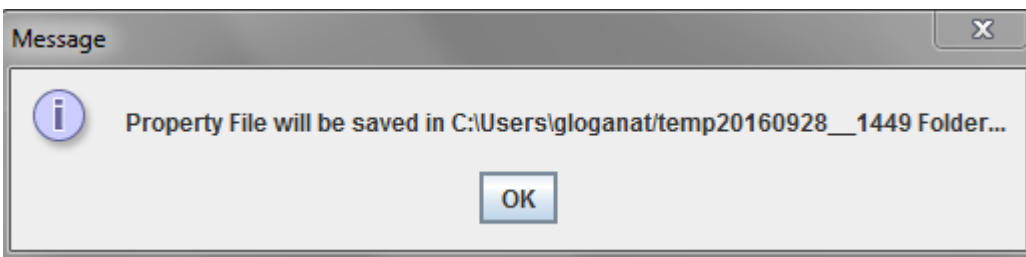
1. Save the property file.



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\



This completes the properties file creation.



Scheduler Property File Creation
[December] [2017]
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