

Standalone Scheduler Property File Creation  
Oracle FLEXCUBE Universal Banking  
Release 14.7.0.0.0  
Part No. F72109-01  
[November] [2022]



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# 1. Creating Property File for Standalone Scheduler

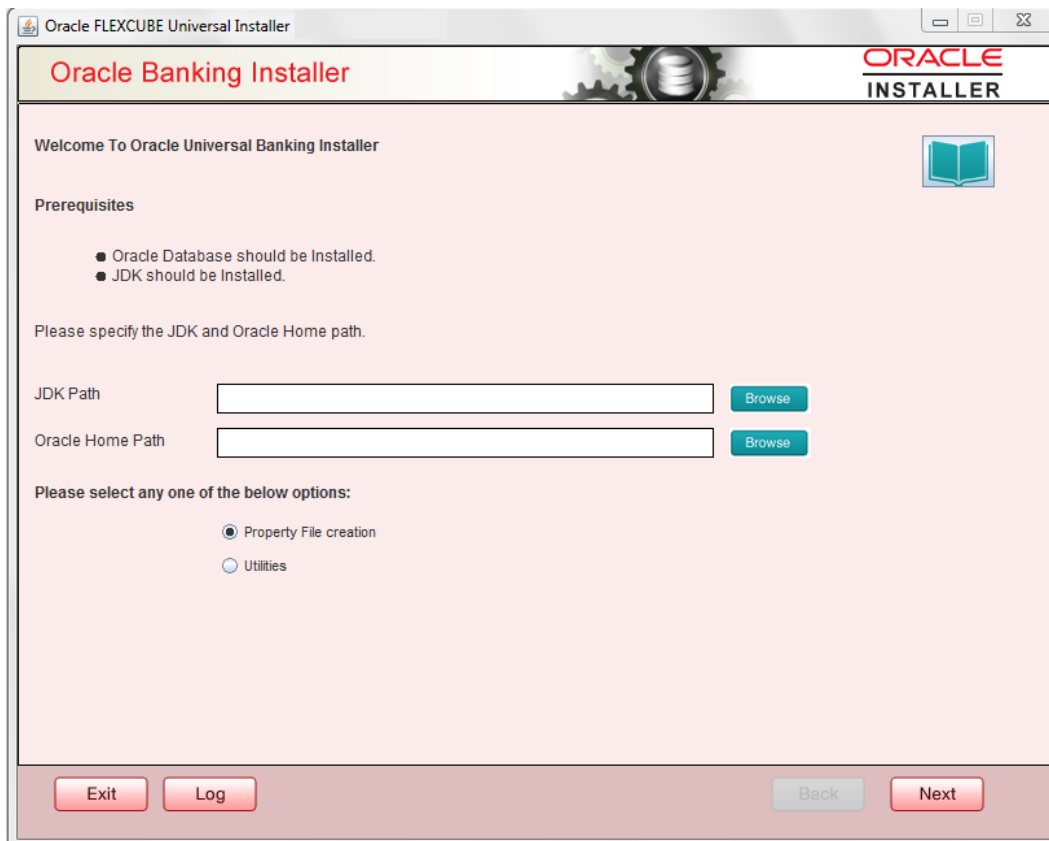
## 1.1 Introduction

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 Banking Solution Installer. Select 'Property File Creation' option and Click 'Next' button.



2. Select 'Scheduler' component and appropriate plugin if needed and click 'Next' button.

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

## Oracle Banking Installer

**ORACLE  
INSTALLER**

Select one of the Components

Load Existing Property File

☐ INFRA
 ☒ Scheduler
 ☐ Gateway
 ☐ Switch Interface Installation

Select Oracle Product Processors

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

Select Plugins to be Installed

Host Address  
☐ Origination
 ☐ Scheduler

☐ Reports  
☐ SIANET Adapter

☐ DMS  
☐ Insulation
 ☐ External Adapter required

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

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

## Oracle Banking Installer

**ORACLE  
INSTALLER**

**Provide Environment details.**

EAR Name:

Context Name:

File Separator Style:

Application Server:

☐ OBMA PP Installed

Application Server Path:

Source Path:

Ear Destination Path:

Cookie-Name (JSESSION\_ID):

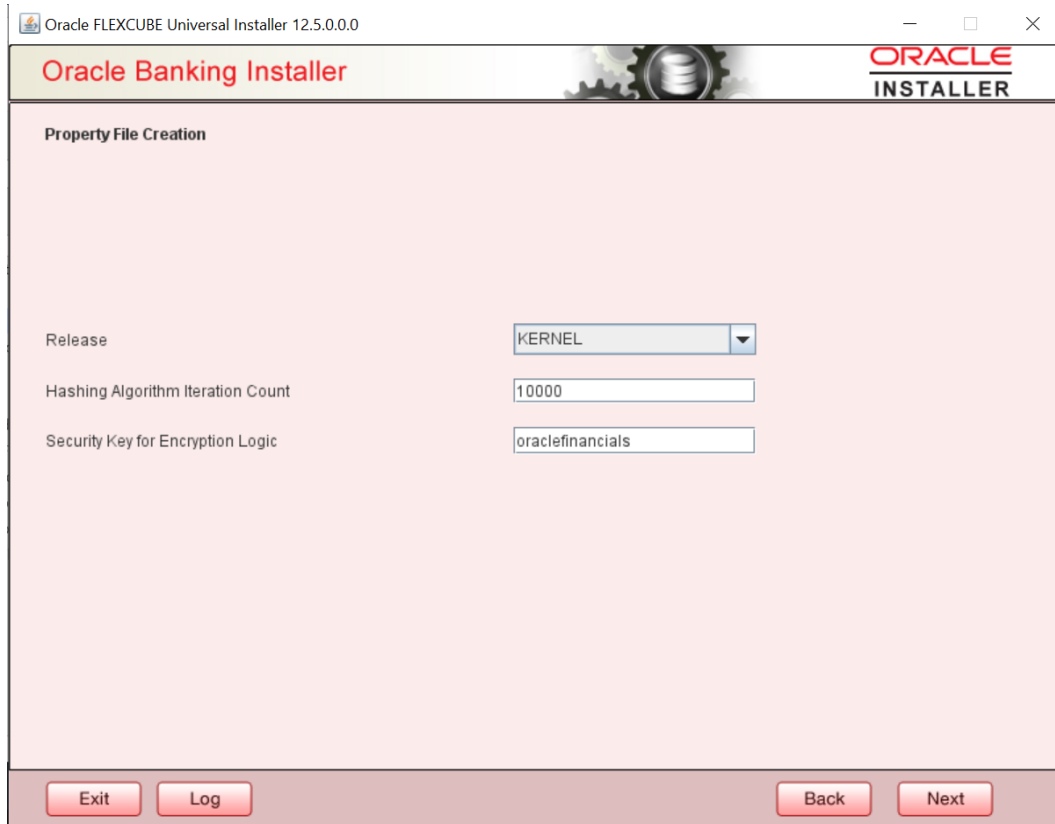
- Click on 'Next' button to navigate to below Screen.

Below shown Screen contains:

### Release

Select the release from the adjoining drop down list.

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



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

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

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

**Property File Creation - DataSource**

Please enter DataSource Names

SMS Data Source	<input type="text" value="jdbc/fc/devDSSMS"/>
Scheduler Data Source	<input type="text" value="jdbc/fc/SchedulerDS"/>
PM Online JNDI	<input type="text" value="jdbc/fc/jpmDS"/>
PM Batch JNDI	<input type="text" value="jdbc/fc/jpmDS"/>

Webservices Provider URL	<input type="text" value="t3://localhost:7001/"/>
Host Server URL	<input type="text" value="https://10.10.10.10:1010/FCJNeoWeb"/>
Standalone Scheduler URL	<input type="text" value="https://10.10.10.10:7001/FCJNeoWeb"/>

### 1.2.1 Setting General Properties

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

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

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

## Oracle Banking Installer

### Property File Creation - General Property

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

Work Area:  Auto clear User: **YES**

Signature Path:

Excel Path:

Request Time Out:  milli seconds Max Image Size:  Bytes

Connection Time Out:  Seconds User Batch Time:  Hours

Session Time Out:  Seconds

CSS Style: **Default** Name:

Language: **ENGLISH** ISO Code:

Application Title:  ☐ Integration With ODA ChatBot

Version:  ☐ Integration with CN Logger

CopyRights:

**Exit** **Log** **Back** **Next**

Specify the following details:

### Debug Logs Required

If you require debug option, select 'Yes' from the drop-down list. If you do not require debug option, select 'No'.

### Work Area

Specify the work area.

For example: D:\BrnDbgs\

### Signature Path

Specify the location at which the signature images are placed.

### Excel Path

Specify the location at which the excel files are generated.



**Request Time Out**

Specify the database request timeout value in milli seconds. This is the maximum number of seconds the database waits for a query to return the result.

**Connection Time Out**

Specify the database connection timeout value in seconds. This is the maximum number of seconds the application waits for a connection to the database to open.

**Session Time Out**

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

**LOV Fetch Required**

If you check this box, the option lists in Oracle 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.

**CSS style**

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

**Language**

Select language from the dropdown.

Version and Copyright are other general properties.

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

**1.2.2 Single Sign on**

Only 'Platform Security' option will be enabled for Scheduler. Select the option if needed.

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

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

**Property File Creation - Single Sign on**

SSO Required ☒ SSO Type **DEFAULT**

SSO KEY **DN** Authentication details maintained external to FLEXCUBE

External Password Required ☐ Authentication Type **DEFAULT**

External User Login Required ☐ **TOKEN**

☒ Platform Security SMS Security Key **SAML**

**IDCS\_TOKEN**

Option to provide LDAP server details

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

Option to provide SAML details

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

Exit Log Back Next

### SMS Security Key

This field is used to capture the security key value if the Platform Security check box is checked.

### 1.2.3 SMTPS Details

SMTPS mail configuration is enabled for Scheduler.

Specify the below details:

Host: Specify the SMTP host name.

User ID: Specify the user ID.

User Password: Specify the user password.

JNDI Name: Specify the JNDI name.

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

**Oracle Banking Installer**

**ORACLE  
INSTALLER**

**Property File Creation - SMTPS/DMS**

Option for Mail configuring using SMTPS Protocol

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

Option for modifying the DMS/IPM property values

No.	Name	Value
1	Login Service Address	http://10.10.10.10:1010/imaging/ws/LoginService
2	Document Service Address	http://10.10.10.10:1010/imaging/ws/DocumentService
3	Document Content Service Address	http://10.10.10.10:1010/imaging/ws/DocumentContentService
4	IPM User Name	testuser
5	IPM Password	*****

Exit Log Back Next


#### 1.2.4 Configuring Scheduler Queues

This section describes the method to configure scheduler Queues.

1. System displays the following screen:

Oracle FLEXCUBE Universal Installer

## Oracle Banking Installer


  
**ORACLE**  
**INSTALLER**

---

### Property File Creation - Scheduler Queues

**Option for configuring Scheduler Destination Queue**

Notify Destination: QUEUE

Queue Name: NOTIFY\_DEST\_QUEUE

Queue Connection Factory: NotifyDestQCF

☐ Secure    Caller ID:

Caller Password:

Notify Queue Location: Internal

**Option for configuring Scheduler Deferred Queue**

Notify Deferred Queue Name: DEFERRED\_DEST\_QUEUE

Deferred Queue Connection Factory: DeferredDestQCF

☐ Secure    Caller ID:

Caller Password:

**Option for configuring Scheduler Notify Internal Queue**

Notify Queue Name: NOTIFY\_QUEUE

Dead Letter Queue Name: NOTIFY\_QUEUE\_DLQ

Notify Queue Connection Factory: NOTIFY\_MDB\_QCF

☐ Secure    Caller ID:

Caller Password:

**Option for configuring Log Rotation Interval**

Scheduler Log Rotation Interval: WEEKLY

**Option for External Server configuration for Destination Queue.**

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

Exit
Log

Back
Next

### Notify Destination

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

- QUEUE
- TOPIC

### Queue Name

Set 'NOTIFY\_DEST\_QUEUE' as the destination queue name.

### Queue Connection Factory

Set 'NotifyDestQCF' as the queue connection factory.

### Secure

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

### Caller ID

Specify the caller ID for the secured queue connection factory.

### Caller Password

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



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

### Notify Queue Location

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

- Internal
- External



For Oracle WebLogic application server, the notify queue location should be selected as 'Internal'.

If you choose 'External' following details for the external queue will be enabled

### Provider URL

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

1010 is the default IIOP port.

Application Server	EMS Out Initial Context Factory
Oracle WebLogic	t3://<ip_address>:port For example: t3://10.10.10.10:1010 Here, 10.10.10.10 represents the local host and 1010 to the target server default port (AdminServer/ManagedServer).

### Security Principal

Specify the login ID to access the application server.

### Security Credentials

Specify the password to access the application server.

Click 'Next' to proceed with scheduler configuration.

### Notify Deferred Queue Name

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

### Deferred Queue Connection Factory

Set 'DeferredDestQcf' as the deferred queue connection factory.

### Secure

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

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

### Notify Queue Name

Set 'NOTIFY\_QUEUE' as the notify queue name.

### Dead Letter Queue Name

Set 'NOTIFY\_QUEUE\_DLQ' as the dead letter queue name.

### Notify Queue Connection Factory

Set 'NOTIFY\_MDB\_QCF' as the notify queue connection factory.

### Secure

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

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

No.	Name	Value
1	Incoming Dead Letter Queue Name	EMS_QUEUE_DLQ
2	Incoming backup Queue Name	EMS_QUEUE_BACK
3	Incoming Queue Connection Factory	EmsQcf
4	Secure Incoming Queue Connection	<input type="checkbox"/>
5	Incoming Queue Caller Id	
6	Incoming Queue Caller Password	
7	Outgoing Dead Letter Queue Name	EMS_QUEUE_DLQ
8	Outgoing Queue Connection Factory	EmsQcf
9	Secure Outgoing Queue Connection	<input type="checkbox"/>
10	Outgoing Queue Caller Id	
11	Outgoing Queue Caller Password	
12	Outgoing Queue Provider Url	t3://10.10.10.10:1010
13	Queue Principal	.....
14	Queue Credential	.....
15	Incoming Queue Name	EMS_INQUEUE
16	Outgoing Queue Name	EMS_OUTQUEUE
17	SFMS Incoming Queue	SFMS_INQUEUE
18	RTGS Incoming Queue	RTGS_INQUEUE
19	EMS Bulker Queue	BULKER_QUEUE

Specify the following details:

### Incoming Dead Letter Queue Name

Set 'EMS\_QUEUE\_DLQ' as the incoming dead letter queue name.

### Incoming Backup Queue Name

Set 'EMS\_QUEUE\_BACK' as the incoming backup queue name.

**Incoming Queue Connection Factory**

Set 'EmsQcf' as the incoming queue connection factory.

**Secure Incoming Queue Connection**

Check this box to indicate that it is a secured queue connection.

**Incoming Queue Caller ID**

Specify the caller ID for the secured queue connection.

**Incoming Queue Caller Password**

Specify the caller password for the secured queue connection.

**Outgoing Dead Letter Queue Name**

Set 'EMS\_QUEUE\_DLQ' as outgoing dead letter queue name.

**Outgoing Queue Connection Factory**

Set 'EmsQcf' as the outgoing queue connection factory.

**Secure Outgoing Queue Connection**

Check this box to indicate that it is a secured outgoing queue connection.

**Outgoing Queue Caller ID**

Specify the caller ID for the secured queue connection.

**Outgoing Queue Caller Password**

Specify the caller Password for the secured queue connection.

**Outgoing Queue Provider URL**

Specify the URL of the outgoing queue.

**Queue Principal**

Specify the queue principal.

**Queue Credential**

Specify the queue credential.

**Incoming Queue Name**

Specify the incoming queue name.

**Outgoing Queue Name**

Specify the outgoing queue name.

**SFMS Incoming Queue**

Specify the SFMS Incoming Queue.

## RTGS Incoming Queue

Specify the RTGS incoming Queue.

## EMS Bulker Queue

Specify the EMS Bulker Queue.

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

### 1.2.5 Setting EMS FTP/FTPS Properties

Oracle FLEXCUBE Universal Installer

Oracle Banking Installer

Property file Creation - EMS FTP/FTPS

Option for Scheduler EMS FTP/FTPS configuring.

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

Option for EMS -Structured Financial Messaging System configuration

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

Exit Log Back Next

Specify the following details:

#### File Transfer Mode FTPS

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

- FTPS
- SFTP
- HTTP

#### Server

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



**User ID**

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

**Password**

Specify the password to for the above user ID.

**File Type**

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

**SWIFT Message Delimiter**

Select check box if needed.

**SWIFT Message Terminator**

Select check box if needed.

**Media**

Specify the Media

**Signature Block**

Check this box to enable signature block.

**Keystore File Name**

Specify the keystore file name.

**Keystore Alias Name**

Specify the keystore alias name.

**Keystore Password**

Specify the keystore password.

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

### **1.2.6 Setting GI Upload Queue**

This screen describes how to create the property file.

1. System displays the following screen:

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

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

**Property File Creation - Scheduler GI Upload Queue**  
Option for configuring details for Scheduler GI Upload Queue

Queue Name: INTERNAL\_GI\_UPLOAD\_QUEUE

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

Queue connection factory: GI\_UPLOAD\_QCF

☒ Secure    Caller ID:   
Caller Password:

Exit Log Back Next

Specify the following details

**Queue Name**

Specify the queue name as 'INTERNAL\_GI\_UPLOAD\_QUEUE'.

**Dead Letter Queue Name**

Specify the dead letter queue name as 'INTERNAL\_GI\_UPLOAD\_DLQ'.

**Queue Connection Factory**

Specify the queue connection factory as 'GI\_UPLOAD\_QCF'.

**Secure**

Check this box to indicate that it is a secured deferred queue connection factory. The caller ID and caller password as shown in the following screen:

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

Enter these values for GI Upload Queue.

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

## 1.2.7 Setting Report Properties

This section describes the methods to set report properties.

1. System displays the following screen:

No.	Name	Value
1	Server End Point	http://10.10.10.10:1010/xmlpserver/services/v2/ReportService?wsdl
2	Name Space	http://xmlns.oracle.com/oxp/service/PublicReportService
3	User Name	Administrator
4	Password	*****
5	Time Zone	IST

Specify the following details:

### **Server End Point**

Specify the server end point.

http://whf00blq:9502/xmlpserver/services/v2/ReportService?wsdl

However, you need to change the IP and port where Application is installed.WSDL URL gets modified based on “Server Version”.

### **Name Space**

Specify the name space.

By default, the installer displays ‘http://xmlns.oracle.com/oxp/service/PublicReportService’.

### **User Name**

Specify the 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'.

## Time Zone

Specify the time zone of the server.

### 1.2.8 Setting ELCM Properties

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

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

## 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.

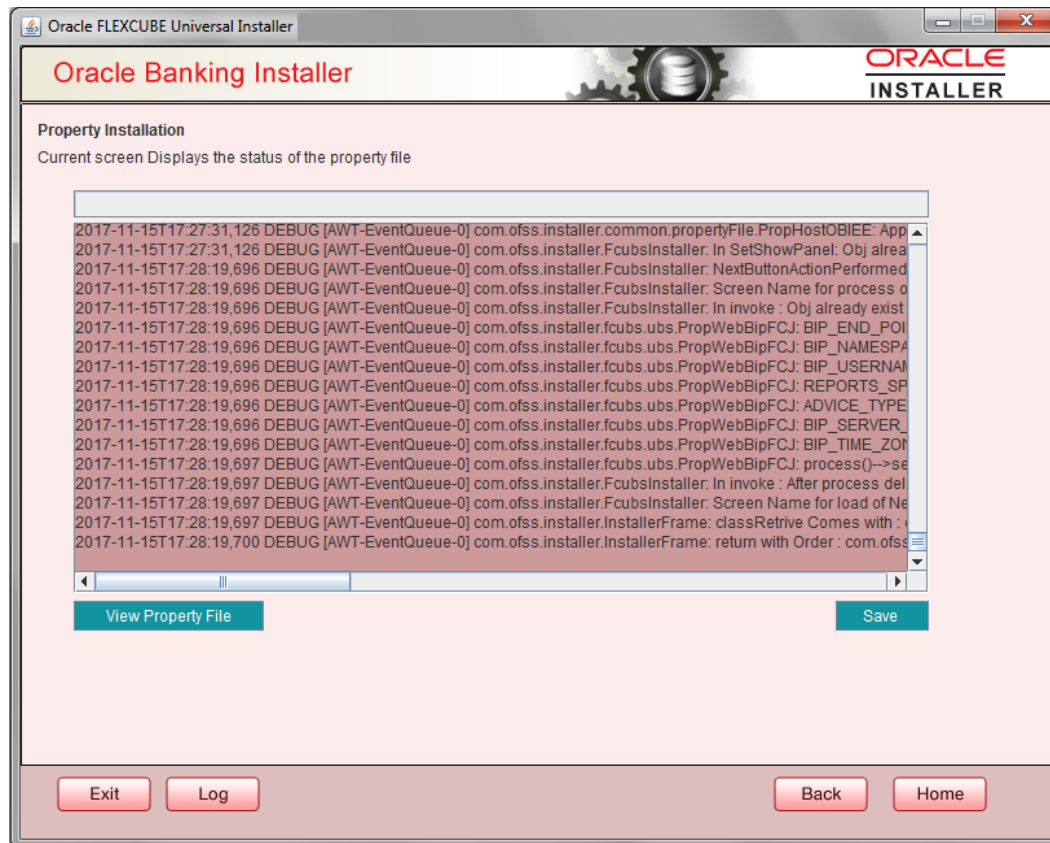
## Security Credentials

Specify the password to access the application server.

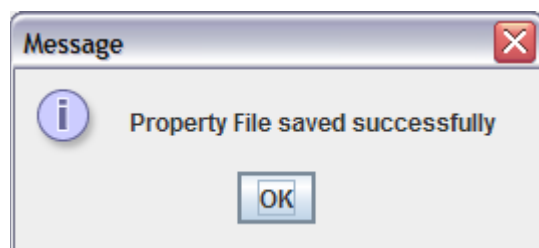
### 1.2.9 Saving Property File

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

1. Save the property file.

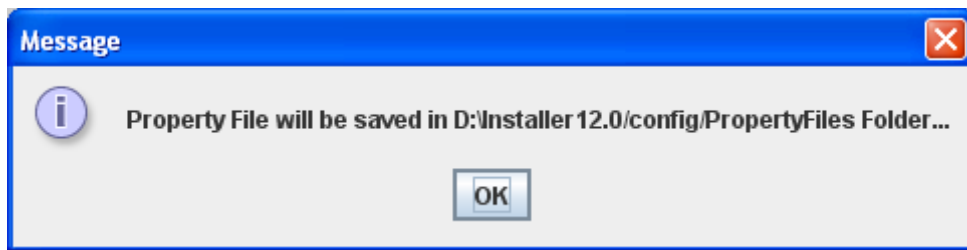


2. You can view the status of property file creation in the above screen. Once the file is saved, the installer displays the following message:



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

3. If you do not use the 'Save' or 'Save As' buttons, the installer will save the properties file in '<InstallerSources>\config\PropertyFiles' folder. In that case, you will see the message below.



This completes the properties file creation.



Standalone Scheduler Property File Creation  
[November] [2022]  
Version 14.7.0.0.0

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