Oracle® Banking Corporate Lending Standalone Scheduler Property File Creation





Oracle Banking Corporate Lending Standalone Scheduler Property File Creation, Release 14.8.1.0.0

G43301-01

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Preface

This topic contains the following sub-topics:

- Purpose
- Acronyms and Abbreviations
- <u>Audience</u>
- Critical Patches
- Conventions
- Diversity and Inclusion
- Documentation Accessibility
- Related Resources
- Screenshot Disclaimer

Purpose

This guide helps the user to create property file for Standalone Scheduler. This guide helps the user with the installation of Oracle Banking Application.

Acronyms and Abbreviations

The acronyms and abbreviations are listed in this below table:

Table 1 Acronyms and Abbreviations

| Abbreviations or Acronyms | Definition |
|---------------------------|---------------------------------------|
| EAR | Enterprise Archive |
| EMS | Electronic Messaging Service |
| JNDI | Java Naming and Directory Interface |
| RTGS | Real-Time Gross Settlement |
| SFMS | Structured Financial Messaging System |
| SMTP | Simple Mail Transfer Protocol |

Audience

This manual is intended for the following User/User Roles:



Table 2 Audience

| Role | Function |
|---------------------|---|
| Administrator | Who controls the system and application parameters and ensures smooth functionality and flexibility of the banking application. |
| Implementation team | Implementation of Oracle Banking Corporate Lending Solution |
| Pre-sales team | Install Oracle Banking Corporate Lending for demo purpose |
| Bank personnel | Who installs Oracle Banking Corporate Lending |

The user of this manual is expected to have basic understanding of Oracle Banking Application installation.

Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at <u>Critical Patches</u>, <u>Security Alerts and Bulletins</u>. All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by <u>Oracle Software Security Assurance</u>.

Conventions

The following text conventions are used in this document:

Table 3 Conventions

| Convention | Meaning |
|------------|--|
| boldface | Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary. |
| italic | Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values. |
| monospace | Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter. |

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Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

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Related Resources

For more information on any related features, refer to the following documents:

- Oracle Banking Corporate Lending User Guides.
- Oracle Banking Corporate Lending Installation Guides.

Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

Create Property File for Standalone scheduler

This topic contains the following sub-topics:

<u>Create Property File</u>
 This topic explains systematic instructions to create the property file using Oracle Universal Banking Installer.

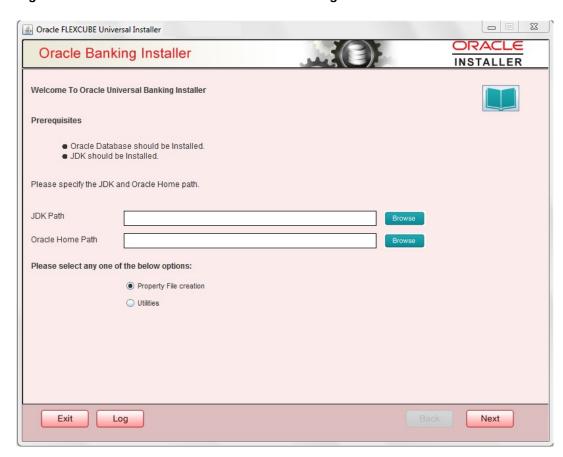
1.1 Create Property File

This topic explains systematic instructions to create the property file using Oracle Universal Banking Installer.

1. Launch Oracle Universal Banking Installer.

The Welcome To Oracle Universal Banking Installer screen displays.

Figure 1-1 Welcome To Oracle Universal Banking Installer

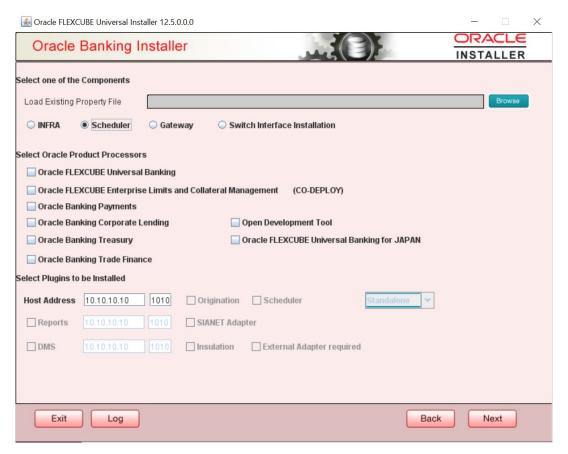


Specify JDK path and Oracle Home path, select the Property File Creation option and click Next.

The **Select One of the Components** screen displays.



Figure 1-2 Select One of the Components



Select the Scheduler component, and appropriate plugin if required, and then click Next.
 The Provide Environment Details screen displays.



Figure 1-3 Provide Environment Details



Table 1-1 Environment details - Field Description

| Field | Description |
|-------------------------|--|
| EAR Name | Specify the EAR Name. |
| Context Name | Specify Context Name. |
| File Separator Style | Select File Separator Style from the drop-down list. The options are: Windows Linux |
| Application Server | Select Application Server from the drop-down list. Example: Weblogic |
| Application Server Path | Browse the folder for Application Server. |
| Source Path | Browse the folder for Source Path. |
| EAR Destination path | Browse the folder for EAR Destination path. |

4. Click Next.

The **Property File Creation** screen displays.



Figure 1-4 Property File Creation

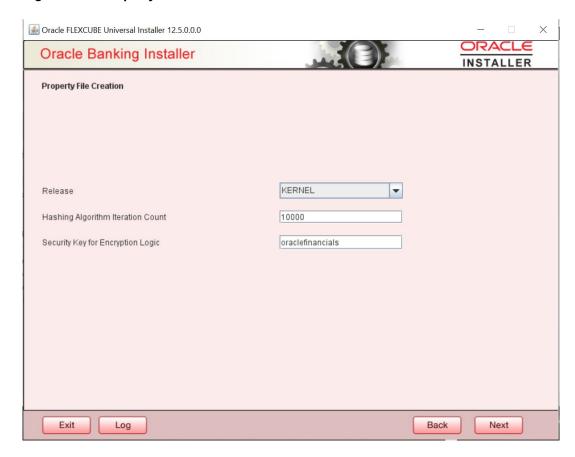


Table 1-2 Property File Creation - Field Description

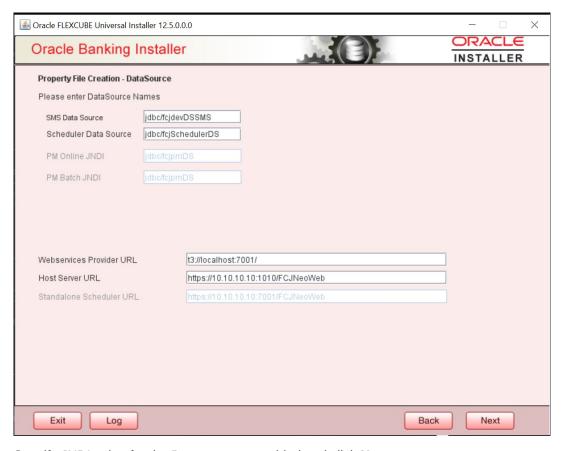
| Field | Description |
|--------------------------------------|---|
| Release | Select the release from the drop-down list. |
| Hashing Algorithm Iteration Count | This should be specified which will be used for encryption. |
| Security Key for Encryption Logic | This should be specified which will be used for encryption. |

5. Click Next.

The **Property File Creation - DataSource** screen displays.



Figure 1-5 Property File Creation - DataSource



Specify JNDI value for the Data sources enabled and click Next.

This topic contains the following sub-topics:

- Configure General Properties
 - This topic describes the process of setting common properties of Standalone Installer.
- Configure Single Sign on

This topic describes the setting Sign-on for property file creation.

Configure SMTPS Details

This topic explains the steps to enable SMPTS mail configuration for Scheduler.

- Configure Scheduler Queues
 - This topic explains systematic instructions to configure scheduler queues.
- Configure EMS FTP/FTPS Properties

This topic explains systematic instructions to configure EMS FTP/FTPS properties.

Configure GI Upload Queue

This topic explains systematic instructions to configure the GI upload queue.

Save Property File

This topic explains systematic instructions to save the property file after completing all the required settings.

1.1.1 Configure General Properties

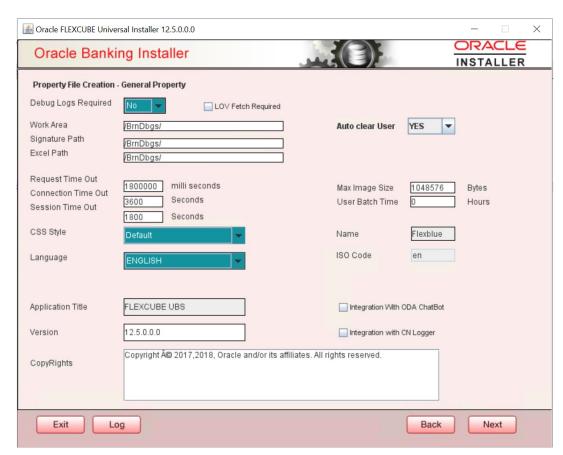
This topic describes the process of setting common properties of Standalone Installer.



1. The installer displays the General Properties screen.

The Property File Creation- General Property screen displays.

Figure 1-6 Property File Creation - General Property



For more information on fields, refer to the field description table below:

Table 1-3 Property File Creation-General property

| Field | Description |
|---------------------|--|
| Debug Logs Required | If you require to debug option, select Yes from the drop-down list. If you do not require to debug option, select No from the drop-down list. |
| 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 milliseconds. 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. |



Table 1-3 (Cont.) Property File Creation-General property

| Field | Description |
|--------------------|--|
| 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 expired. |
| LOV Fetch Required | If you select this checkbox, the option lists in Oracle FLEXCUBE display 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 select this checkbox, the option lists do 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 the drop-down. By default, the CSS Style name will be FLEXCUBE . |
| Language | Select the language from the drop-down list. |
| Version | Specify the version of the product. |
| Copyrights | Specify the Copyright of the product. |

2. Once all the property details are entered, click Next.

1.1.2 Configure Single Sign on

This topic describes the setting Sign-on for property file creation.

On the Property File Creation - Single Sign on screen, specify the following details.

X



Oracle FLEXCUBE Universal Installer 12.5.0.0.0 ORACLE Oracle Banking Installer INSTALLER Property File Creation - Single Sign on SSO Required ~ DEFAULT SSO Type SSO KEY DN DEFAULT Authentication details maintained external to FLEXCUBE TOKEN SAML External Password Required Authentication Type IDCS_TOKEN

LDAP://10.10.10.10:111

SMS Security Key

Value

Value

D:\Security\SAML_Implementation\TestFiles\certicertstore\b.

oraclefinancials

Back

Next

Platform Security

Simple

flexcube.com

bPAID_BWSIT

barc

Figure 1-7 Property File Creation - Single Sign on

External User Login Required

LDAP SERVER URL

LDAP SSL ENABLED

5 LDAP SERVER TIMEOUT
Option to provide SAML details

SAML CERTIFICATE PATH

SAML CERTIFICATE ALIAS

SAML VALID AUDIENCE

Log

SAML CERTIFICATE PASSWORD

DOMAIN NAME

Option to provide LDAP server details

SECURITY AUTHENTICATION TYPE

For more information on fields, refer to the field description table below:

Table 1-4 Property File Creation - Single Sign on

| Field | Description |
|-------------------|--|
| Platform Security | Select this checkbox if required, it will be enabled for Scheduler. |
| SMS Security Key | This field is used to capture the security key value if the Platform Security checkbox is selected. |

1.1.3 Configure SMTPS Details

Exit

This topic explains the steps to enable SMPTS mail configuration for Scheduler.

On the Property File Creation - SMTPS/DMS screen, specify the details.



Figure 1-8 Property File Creation - SMTPS/DMS



Table 1-5 Property File Creation - SMTPS/DMS

| Field | Description |
|---------------|-----------------------------|
| Host | Specify the SMTP host name. |
| User ID | Specify the user ID. |
| User Password | Specify the user password. |
| JNDI Name | Specify the JNDI name. |

1.1.4 Configure Scheduler Queues

This topic explains systematic instructions to configure scheduler queues.

1. On the Property File Creation - Scheduler Queues screen, specify the details.



Oracle FLEXCUBE Universal Installer X ORACLE Oracle Banking Installer INSTALLER Property File Creation - Scheduler Queues Option for configuring Scheduler Destination Queue Option for configuring Scheduler Deferred Queue Notify Destination DEFFERED_DEST_QUEUE Notify Deffered Queue Name Queue Name NOTIFY_DEST_QUEUE Deffered Queue Connection Factory DefferedDestQCF Queue Connection Factory NotifyDestQCF Secure Caller ID Secure Caller ID Caller Password Caller Password Notify Queue Location Option for configuring Scheduler Notify Internal Queue Option for configuring Log Rotation Interval Notify Queue Name NOTIFY_QUEUE Scheduler Log Rotation Interval Dead Letter Queue Name NOTIFY_QUEUE_DLQ Option for External Server configuration for Destination Queue. NOTIFY_MDB_QCF Notify Queue Connection Factory No. Name Value Secure Caller ID iiop://localhost:1010 Provider URL Security Principal ************ Caller Password Security Credential Log Exit Back Next

Figure 1-9 Property File Creation - Scheduler Queues

Table 1-6 Property File Creation - Scheduler Queues

| Field | Description |
|--------------------------|---|
| 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 | Select this checkbox to indicate that it is a secured queue connection factory. If you select this checkbox, 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. Note: If the queue connection factory is not secured, that is if you have not selected the Secure checkbox, the installer will not display the fields Caller ID and Caller Password. You need not provide these details in that case. |



Table 1-6 (Cont.) Property File Creation - Scheduler Queues

| Field | Description |
|--------------------------------------|---|
| Notify Queue Location | Specify the notify queue location. Select one of the following options: Internal External For the 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). (i) Note 1010 is the default IIOP port. Refer to the table Table 1-7 |
| 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 the scheduler configuration. |
| Notify Deffered Queue Name | Set DEFFERED_DEST_QUEUE as the notify differed queue name. |
| Deffered Queue Connection Factory | Set DefferedDestQcf as the deffered queue connection factory. |
| Secure | Select this checkbox to indicate that it is a secured deferred queue connection factory. If you select this checkbox, 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 | Select this checkbox to indicate that it is 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. |

Table 1-7 Oracle WebLogic Application Server

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

2. Click Next.

The Property File Creation - Scheduler EMS Queue screen displays.

3. On the **Property File Creation - Scheduler EMS Queue** screen, specify the details.



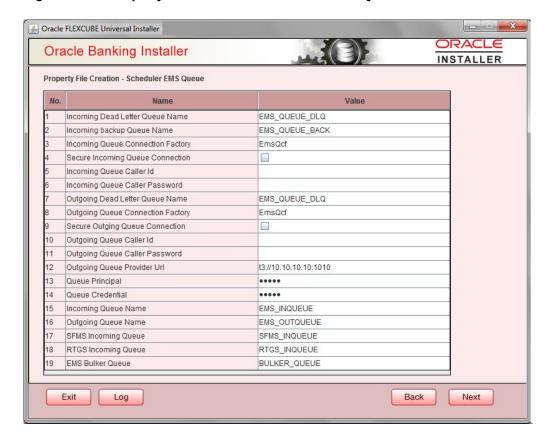


Figure 1-10 Property File Creation - Scheduler EMS Queue

Table 1-8 Property File Creation - Scheduler EMS Queue

| Field | Description |
|--------------------------------------|--|
| 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 the 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. |



Table 1-8 (Cont.) Property File Creation - Scheduler EMS Queue

| Field | Description |
|-----------------------------|--|
| 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. |

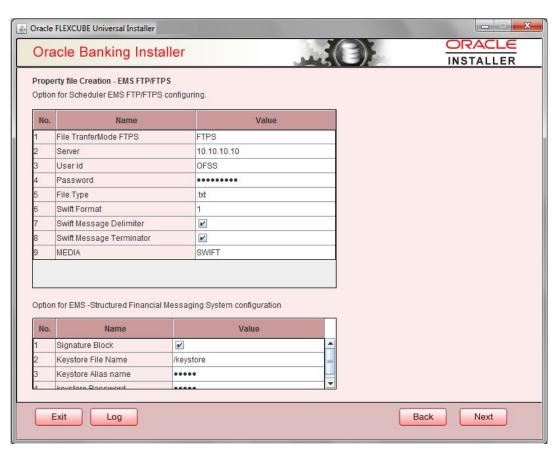
4. Once the above details are specified, click Next.

1.1.5 Configure EMS FTP/FTPS Properties

This topic explains systematic instructions to configure EMS FTP/FTPS properties.

1. On the Property File Creation - EMS FTP/FTPS screen, specify the details.

Figure 1-11 Property File Creation - EMS FTP/FTPS



For more information on fields, refer to the field description table below:



Table 1-9 Property File Creation - EMS FTP/FTPS

| Field | Description |
|-----------------------------|---|
| 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 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 the check box if needed. |
| SWIFT Message Terminator | Select the check box if needed. |
| Media | Specify the Media. |
| Signature Block | Check this box to enable the signature block. |
| Keystore File Name | Specify the Keystore file name. |
| Keystore Alias Name | Specify the Keystore alias name. |
| Keystore Password | Specify the Keystore password. |

2. Once the above details are specified, click Next.

1.1.6 Configure GI Upload Queue

This topic explains systematic instructions to configure the GI upload queue.

1. On the Property File Creation - Scheduler GI Upload Queue screen, specify the details.



Oracle FLEXCUBE Universal Installer 12.5.0.0.0 ORACLE Oracle Banking Installer INSTALLER Property File Creation - Scheduler Gl Upload Queue Option for configuring details for Scheduler Gl Upload Queue INTERNAL_GI_UPLOAD_QUEUE Dead Letter Queue Name INTERNAL_GI_UPLOAD_DLQ Queue connection factory GI_UPLOAD_QCF Secure Caller ID Caller Password Exit Back Next Log

Figure 1-12 Property File Creation - Scheduler GI Upload Queue

Table 1-10 Property File Creation - Scheduler GI Upload Queue

| Field | Description |
|----------------------------------|--|
| 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 | Select this checkbox to indicate that it is a secured deferred queue connection factory. |
| Caller ID and Caller Password | Specify the caller ID and caller password for the secured queue connection factory. |

2. Once the above details are specified, click **Next**.

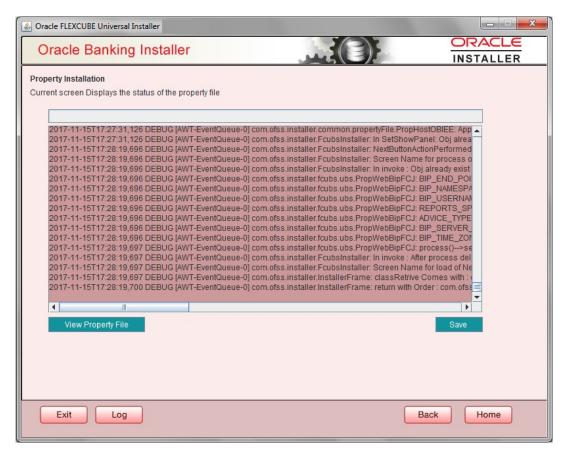
1.1.7 Save Property File

This topic explains systematic instructions to save the property file after completing all the required settings.

1. After completing all the required settings explained above, save the property file.



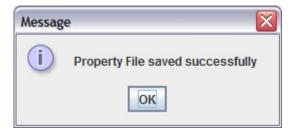
Figure 1-13 Property Installation



2. View the status of property file creation on the above screen.

Once the file is saved, the installer displays the pop-up message.

Figure 1-14 Message



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

If you do not use **Save** or **Save As** options, the installer saves the properties file in the <*InstallerSources*>*config\PropertyFiles* folder. In that case, the following message displays.



Figure 1-15 Message



This completes the properties file creation.