Oracle® Banking Treasury Management

Installer Property File

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G28442-01
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Oracle Banking Treasury Management Installer Property File, Release 14.8.0.0.0

G28442-01

Contents

Preface

This topic contains the following sub-topics:

Purpose

This manual explains the steps to create property file using Installer Application. While creating this property file, the environment property file also gets generated.

Audience

This guide is primarily intended for developers and third party or vendor software's. Some information may be relevant to IT decision makers and users of the application are also included. Readers are assumed to possess basic operating system, network, and system administration skills with awareness of vendor/third-party software's and knowledge of Oracle Banking Treasury Management.

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Related Resources

For more information, see these Oracle Banking Treasury Management resources:

- *Oracle Banking Treasury Management Release Notes*
- *Oracle Banking Treasury Management Installer Index*
- *Oracle Banking Treasury Management Installer Prerequisite*

Conventions

The following text conventions are used in this document:

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.

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.

Acronyms and Abbreviations

The acronyms and abbreviations are listed in this below table:

Table Acronyms and Abbreviations

Abbreviations or Acronyms	Definition
DV	Derivatives
DMS	Document Management System
EAR	Enterprise Archive
ETD	Exchange Traded Derivatives

Table (Cont.) Acronyms and Abbreviations

Abbreviations or Acronyms	Definition
FX	Foreign Exchange
FTPS	FTP over SSL
FCUBS	Oracle FLEXCUBE Universal Banking
GUI	Graphical User Interface
HTTP	Hyper Text Transfer Protocol
JDBC	Java Database Connectivity
LDAP	Lightweight Directory Access Protocol
MSAD	Microsoft Active Directory
MM	Money Market
OBTR	Oracle Banking Treasury Management
OT	Over the Counter Options
SE	Securities
SFTP	Secure FTP
SMS	Security Management System
SR	Securities Repo
SSO	Single sign-on

1

Create Installer Property File

This guide explains the steps to create property file for Oracle Banking Treasury Management. While creating this property file, the environment property file also gets generated.

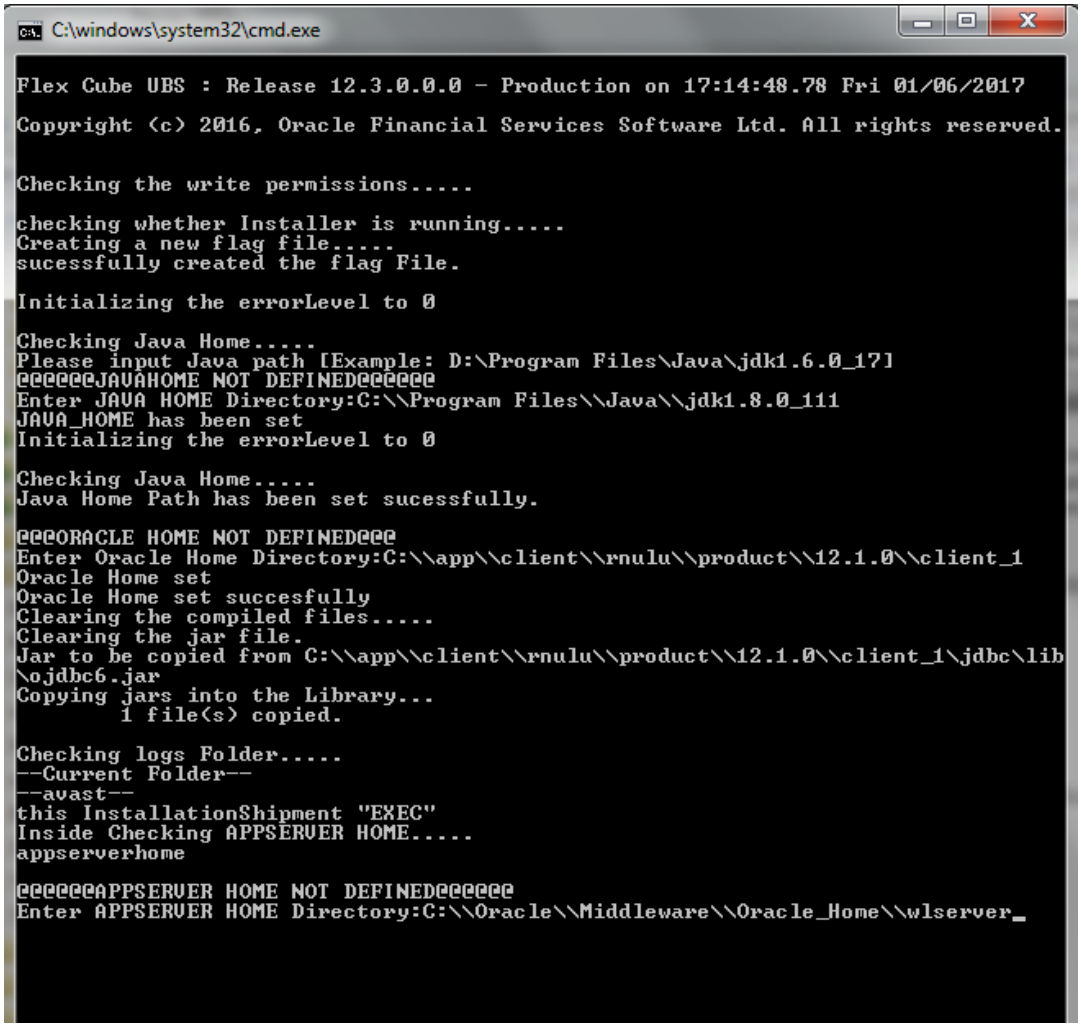
This topic contains following sub-topics:

1.1 Create Property File

To create the property file, follow the steps given below:

1. Launch the installer, that is, **FCUBSInstaller.bat** (for Windows), and **FCUBSInstaller.sh**(for Linux, bash shell recommended). These files are available in INSTALLER/SOFT/GUI.

Figure 1-1 Command Prompt



In the first screen, provide the following details:

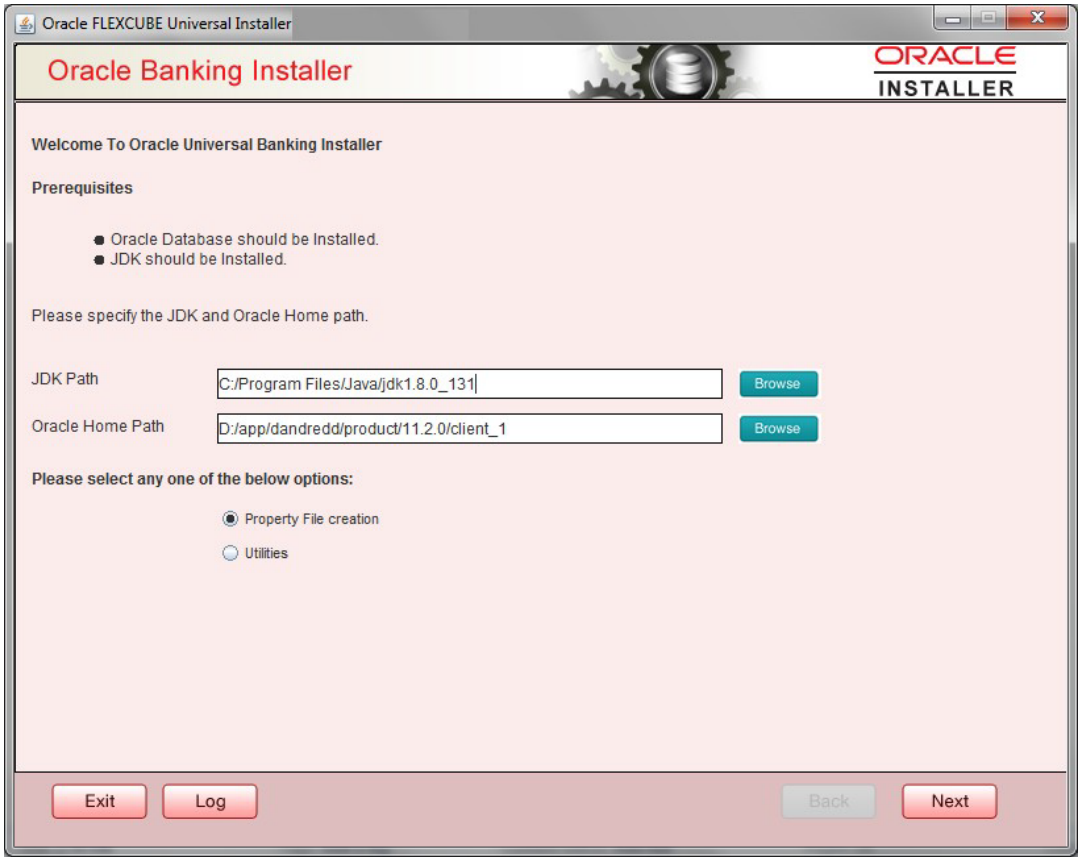
a. **JAVA HOME PATH** - Provide the JDK home path with the latest version.

b. **ORACLE HOME PATH** - Provide the Oracle 12C Client Path.

c. **APP SERVER HOME PATH** - Provide the app server home path.

After providing these details, INSTALLER-GUI gets started. And follow the below details. Ensure the Pre-requisites are available.

Figure 1-2 Installer GUI



Enter the following details:

- **JDK Path** - Maintain home folder path of JDK. The JAVA HOME path given in previous screen gets defaulted.
- **Oracle Home** - Maintain home folder path of Oracle Database Client. The ORACLE HOME path given in previous screen gets defaulted.

Select one of the radio buttons:

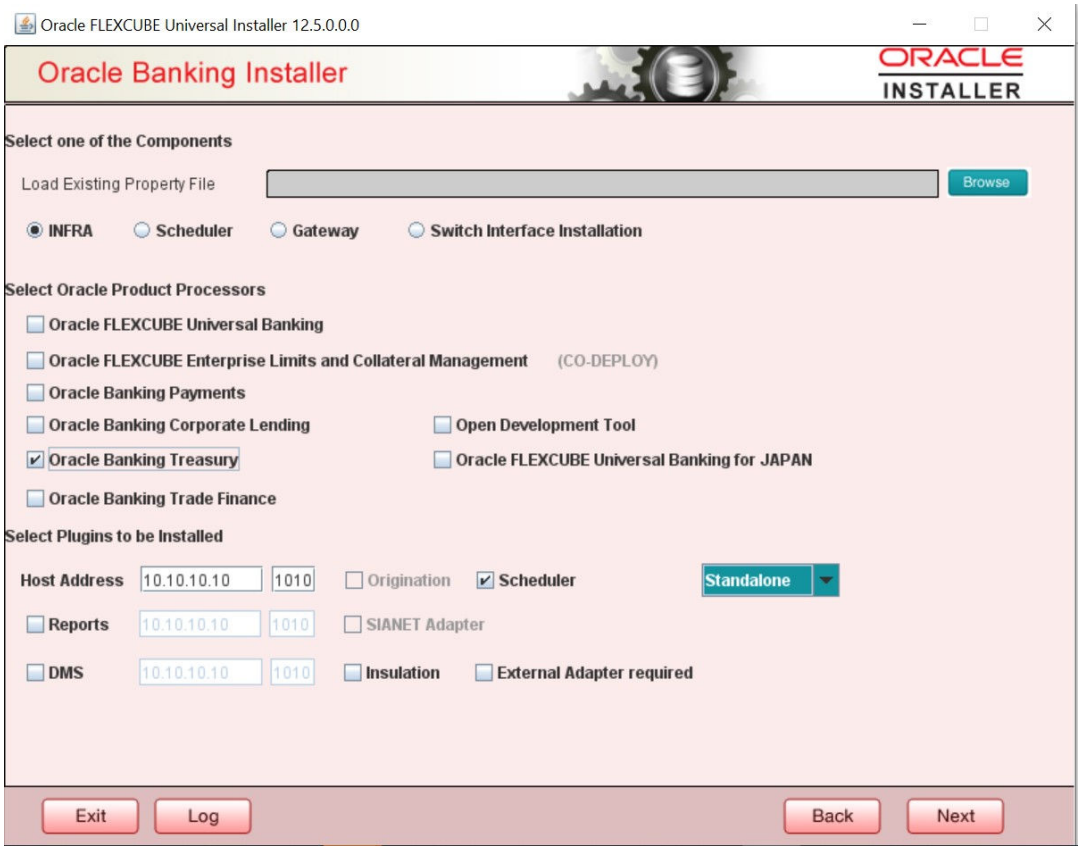
a. **Property File creation**

b. **Utilities**

Based on the selection, next screen is shown. Click **Property File creation** for the current case.

2. Click **Next** and the following screen is displayed.

Figure 1-3 Property File Creation



These are the plugins available:

- Scheduler
- Reports
- DMS(Document Management System)
- Insulation

You can load existing property-file to make any modifications.

a. Select the component for which property file is to be created.

   i. INFRA is for FCUBS property file creation. To create property file for Scheduler or Gateway or Switch Interface Installation, refer the respective property file creation document.

b. Select Oracle Banking Treasury for Treasury Management Property file creation. Select Scheduler which is Standalone, where Scheduler will be Standalone with EAR. If Embedded is selected, it will be integrated with the Treasury Management EAR.

c. In the screen below, select the Plugins to be included in the application.

d. If you need to modify an existing property file, load it using the respective browse button.

Plugins are enabled and disabled based on the combination of Product Processors and components selected.

These are the plugins available for Oracle Banking Treasury Management

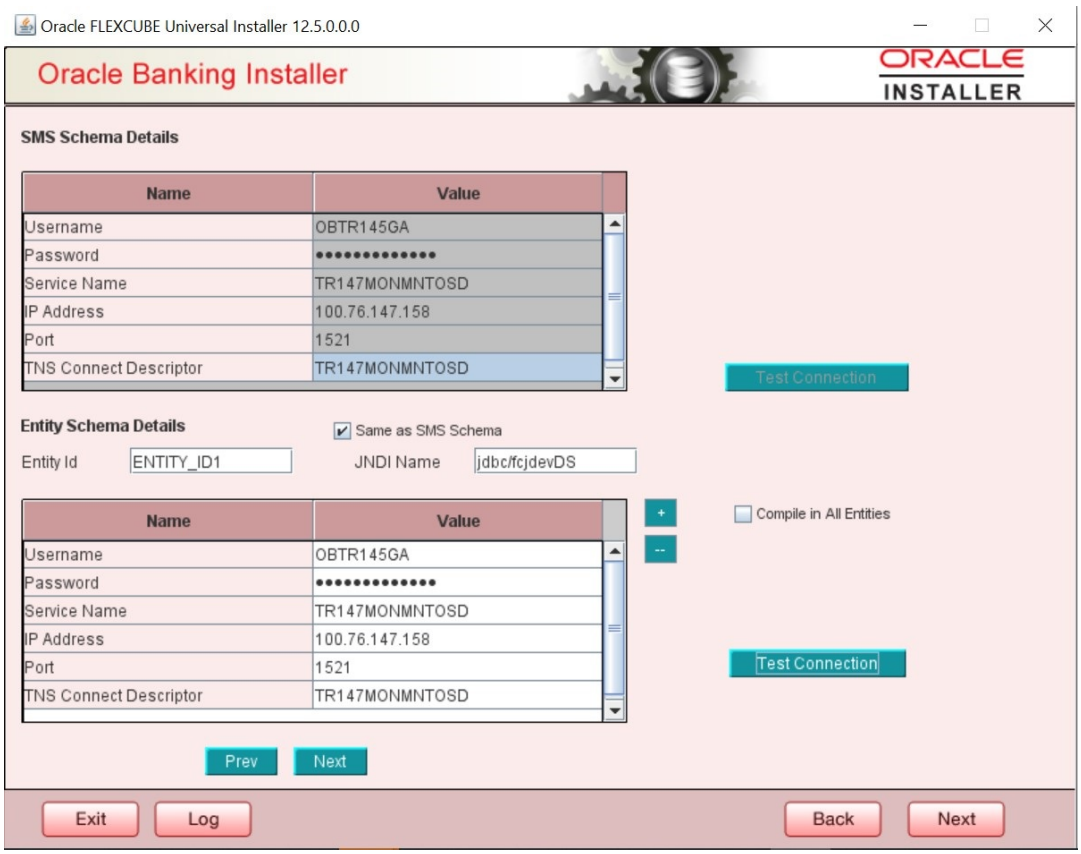
- Scheduler
- Reports

These are the plugins available for Oracle Banking Treasury if co-deployed with Oracle Banking Payments

- Scheduler
- Reports
- BPEL

3. Click **Next** again and the following screen is displayed:

Figure 1-4 SMS Schema Details



Provide the SMS schema details to capture the credentials which is used for DB Compilation.

> **Note:**
>
> IP Address should be same as mentioned in the TNSnames.ora

Once the connection is successfull env.properties file present in path `INSTALLER > SOFT > GUI >logs > env.properties` gets updated with schema details in encrypted format.

For Multi-Entity Details:

a. **Scenario for Single Entity**:

- Here Entity Schema is mandatory, atleast minimum one entry should be provided.
- Entity Id value is default, that is, **ENTITY_ID1** for first entry.
- Provide the JNDI Name for the ENTITY_ID1. By default the jndi name is **jdbc/fcjdevDS**.
- Give the Schema Details for the Entity1.
- Here Compile In All Entities Field is **N**. (As using the Single Entity Concept).

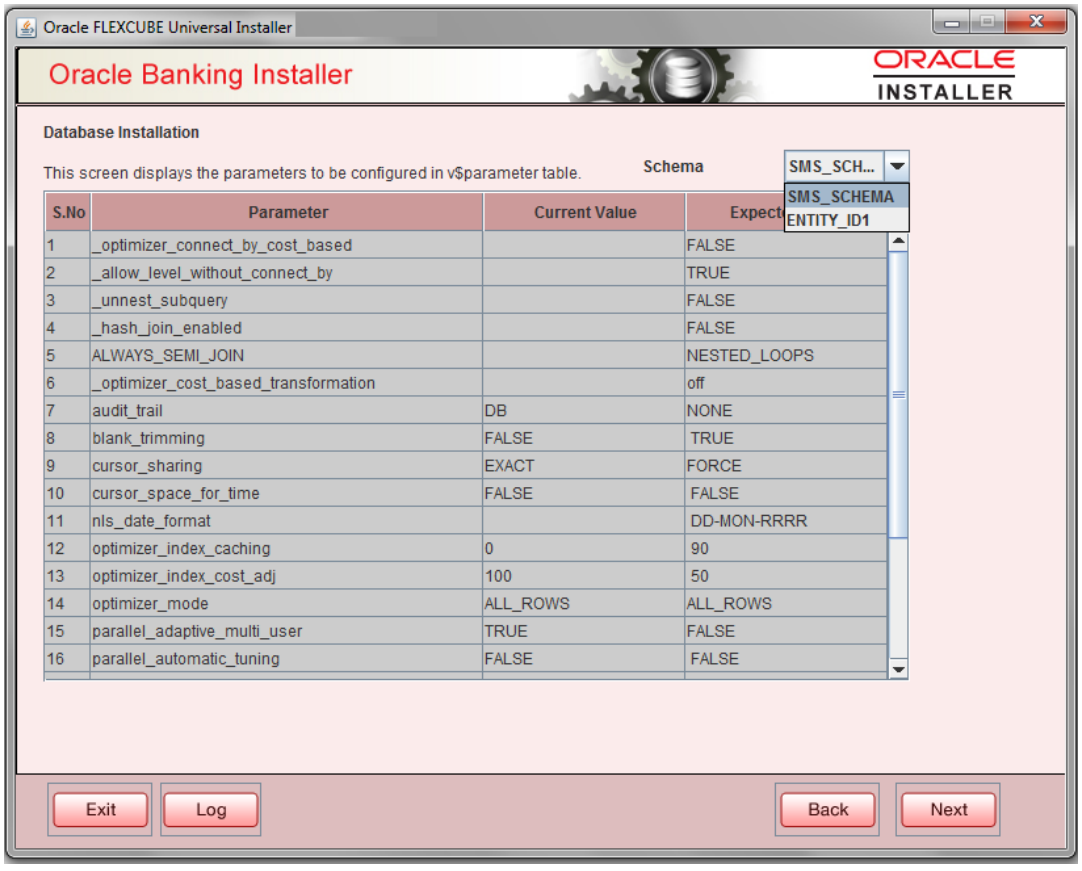
b. **Scenario for More than One Entity, that is, Multi Entity**:

- After providing the Single Entity details, click on **+** Add the rows.
- Now give the details for Entity_ID2. Here the field is mandatory.
- Provide the schema details and the JNDI name.
- Next and Prev button is to traverse for entity screens.
- Can also add the entites and delete the entities.

4. Click on **Test Connection** button. After successful connection click on **Next** button to proceed and below Screen is displayed. This screen displays database parameters listed in v$parameter table.

   This page is Read-only used as reference to know the database parameters. Schema drop-down list is provided to verify parameters of SMS and Entity Schemas.

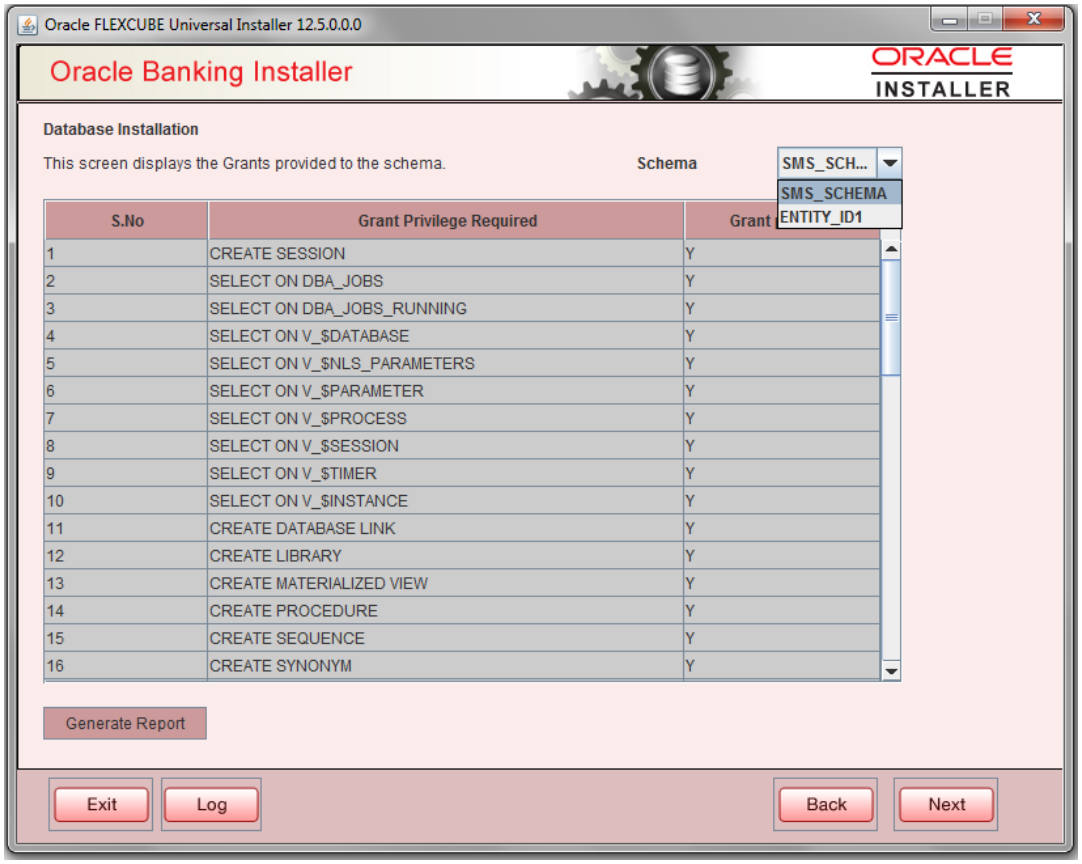
Figure 1-5 DB Installation



5. Click on **Next** Button. Following screen displays the grants provided to the schema. If object compilation is required and the privilege is not given, then you can find that out from this screen.

   Schema drop-down lists SMS and Entity Schemas. Select Schema and proceed further.

Figure 1-6 Grants Script Details



6. Click **Generate Report** button, the installer creates an SQL file **grantScript.sql** containing the script for granting the privileges in the **Logs** folder and the following screen is displayed.

   You can use this file to get the access.

> **Note:**
>
> Only the sys user can execute the file **grantScript.sql** for granting privileges.

7. Click **Next** again and the following screen is displayed:

Figure 1-7 Environment Details

Table 1-1 Environment Details

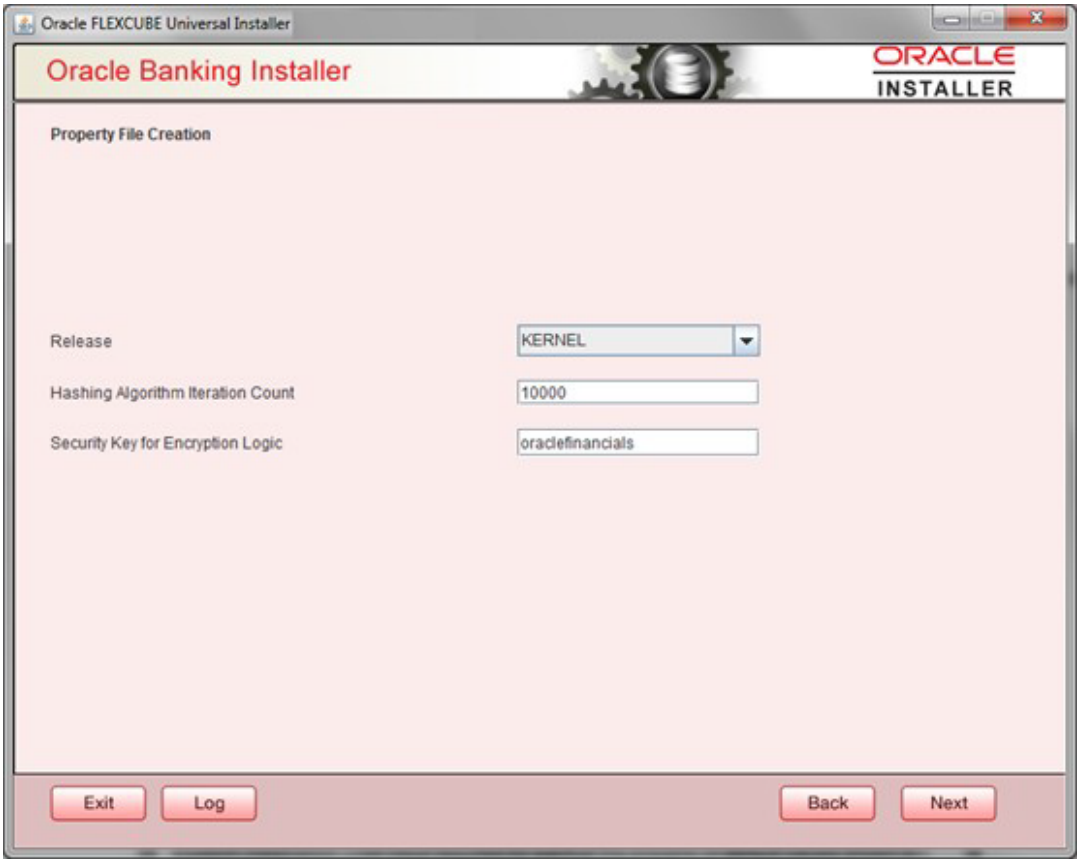
Field	Description
EAR Name	Specify a name for the application to be deployed. You cannot use special characters such as **.** (Dot), **,** (comma), **$** and so on. However, you may use _ (underscore). – Applicable for both Windows and Linux.
Context Name	Based on the Application type selected, the Installer displays the application context. However, you may modify the default value. This information is updated in **application.xml**. In case of a WebLogic server, this is updated in **weblogic.xml**.
File Separator Style	Specify the type of file separator (For example: Linux or Windows). Select the appropriate one from the drop-down list. You also need to specify the version of the selected operating system.
Application Server	Specify the application server in which you are creating the property file. Select the appropriate one from the adjoining drop-down list. For WebSphere, External JSUIXML Required option is not supported.
External JSUIXML Required	Specify whether screen changes are deployed as External JSUIXML for the application. EXTERNAL_JSUIXML_REQUIRED=Y/N: Depending on requirement EXTERNAL_JSUIXML_REQUIRED=N: JS and UIXML files are included inside the application EAR. EXTERNAL_JSUIXML_REQUIRED=Y: JS and UIXML and HELP files are kept in an external path in the application server.

Table 1-1 (Cont.) Environment Details

Field	Description
External Property File Required	Specify whether screen changes are be deployed as External fcubs.properties for the application. EXTERNAL_PROPERTY_PATH_REQUIRED =Y/N: Depending on requirement EXTERNAL_PROPERTY_PATH_REQUIRED =N: fcubs.properties file is included inside the application EAR. EXTERNAL_PROPERTY_PATH_REQUIRED =Y: fcubs.properties file is kept in an external path in the application server. **Note:** External property file path should have the property file name also with it. For example: `C:\App\fcubs.properties`
Application server path	Provide the Application Server Path.
Source Path	Provide the source path of the console exec directory. (Mention exact folder name after unzip the source)
Ear Destination path	Specify the path where Ear needs to be copied after building it using SOFT Installer.
External JSUIXML Path	In case External JSUIXML Required option is checked, External JSUIXML path on the application server machine has to be specified here. External JSUIXML required option is supported only for Weblogic Application Server. EXTERNAL_JSUIXML_PATH **Example**: `/scratch/work_area/DEV/FC124_UBS/JS_UIXML_HELP` - this can be any path in the Application server.
External Property File Path	In case External Property File required option is selected, External Property File path on the application server machine has to be specified here. ss

8. Click **Next** to continue and following screen is displayed:

Figure 1-8 Release Details



Release : Specify the release in which you are creating the property file. Default option is **KERNEL**. The options are:

- KERNEL

Specify the Hashing algorithm iteration count. By default it is 1000.

Security Key for Encryption Logic is the key (exact 16 characters) for all encryption logic. By default is **oraclefinancials**.

1.2 Custom Installation

Figure 1-9 Custom Installation

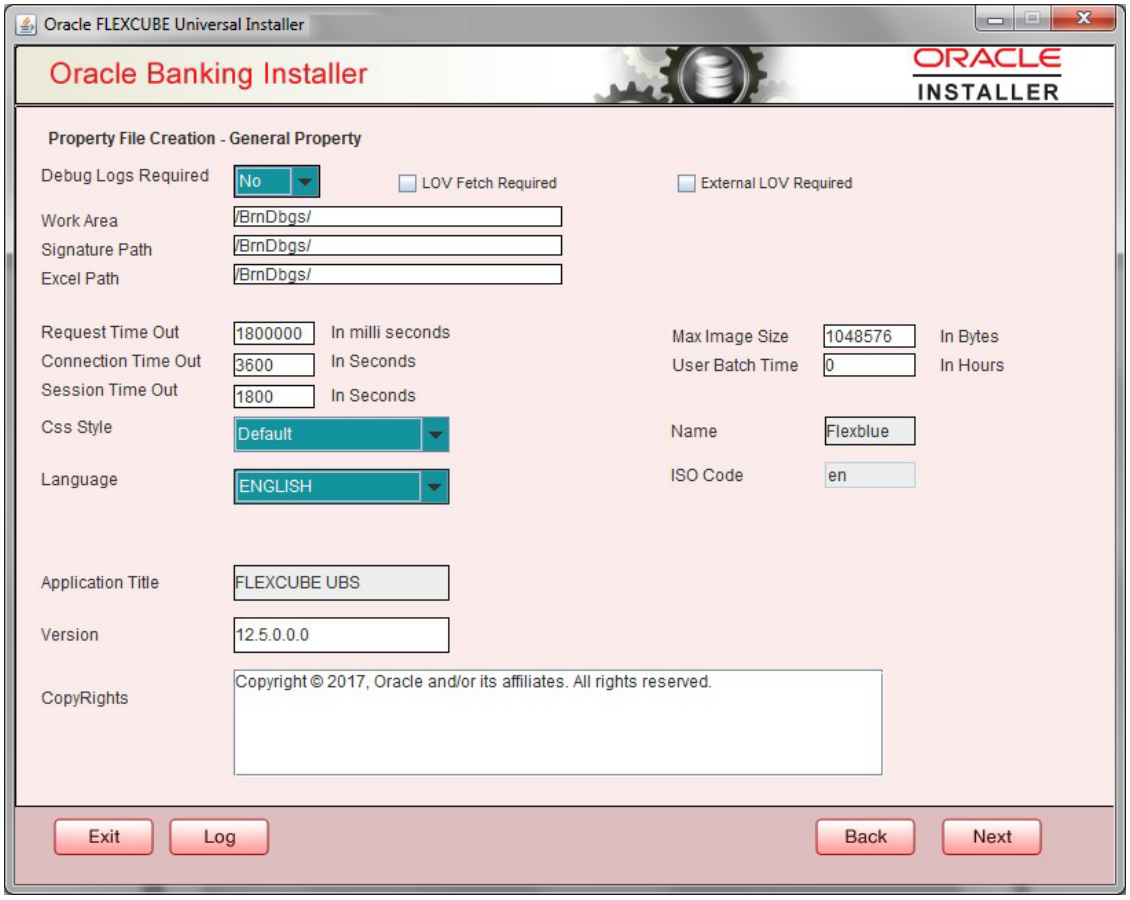
1. Enter Data sources required which is requested as per the product, Plug-in and Component combinations chosen in the first screen.
2. SMS Data source is always enabled as it is required for most of the cases.
3. PM related data sources are enabled for PM product processor.
4. Enter the Webservices Provider URL.
5. Host Server is the server where FCUBS application is deployed/to be deployed.
6. Standalone scheduler URL is enabled is Standalone option is selected.
7. Click **Next** to proceed to the next screen.

1.3 Setting General Properties

This topic describes the process of setting common properties of Oracle Banking Treasury Manangement.

The installer displays the **General Property** screen.

Figure 1-10 General Property



You can specify the following details in this screen:

Table 1-2 General Property

Field	Description
Debug Logs Required	If debug option is required, select **Yes** from the drop-down list. If not required, select **No**. By default the value is **No**. **Note:** Parameter APPLICATION_WORK_AREA in fcubs.properties is updated to **Work Area** path provided during installation. Parameter DEBUG is updated based on **Debug Logs Required** selection. To log debug for the user, following should be available. • In Day 0 Setup CSTB_PARAM table is appended with parameter name WORK_AREA and path provided for debug logs. • CSTB_DEBUG table should have entries for required modules. • Corresponding user entries should be input in CSTB_DEBUG_USERS. ***Example***: If SM module log is enabled for the user, then there should be an entry in cstb_debug_users. ***Table***: CSTB_DEBUG_USERS (User Level) CSTB DEBUG USERS ***Table***: CSTB_DEBUG (Bank Level)CSTB DEBUG All the configuration is done using back-end scripts, which can be executed by Data Controller. Snapshot of **fcubs.properties** is displayed below:FCUBS Properties Change Logs can be visited to view audit information.
LOV Fetch Required	If you select this check box, the option lists 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 select 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.
External LOV Required	If you select this check box, External Lov option for external Limits is enabled.
Work Area	Specify the work area. For example: D:\BrnDbgs\
Signature Path	Specify the location at which the signature images should be placed.
Excel Path	Specify the location at which the excel files should be 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.By default it is 1800000 milli seconds.
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.
Max Image Size	Specifies the maximum image size that can be uploaded. The default size is 1048576 bytes.

Table 1-2 (Cont.) General Property

Field	Description
CSS Style	Specify the CSS style to be used from the adjoining drop down list. You can select one of the following CSS styles: • **Default** – select this to apply the default style provided. • **Custom** – select this to apply a custom style
Name	Specify the name of the CSS style. Once you have specified the above details, click **Next**.
Language	Specify the language in which you wish to see in the application. English is the default language. However, based on the requirement, you can set a different language. Select the appropriate one from the drop-down list. Based on the language selected, the installer displays the ISO code.
Application Title	Specify the application title. C
Version	Specify the application version. For example: 14.0.0.0.0
CopyRights	Specify the copyright details. For example: Copyright © 2017, Oracle and/or its affiliates. All rights reserved.
Integration With ODA ChatBot	Select this check box to enable ODA ChatBot. ODA ChatBot setup details are available in ChatBot guide document.

Table 1-3 CSTB_DEBUG_USERS

Module	Debug	User ID
SM	Y	XYZ

Table 1-4 CSTB_DEBUG

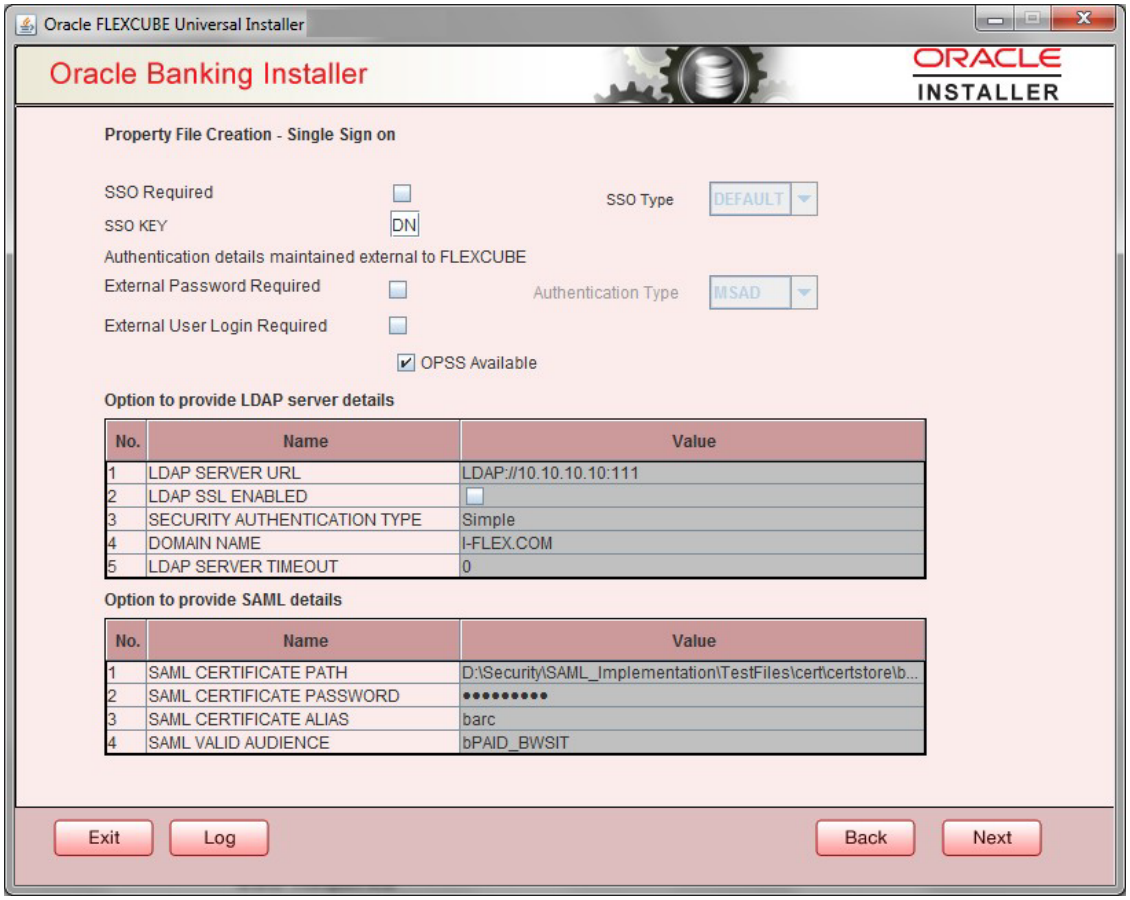
Module	Debug
SM	Y

Figure 1-11 FCUBS Properties

```
##### COMMON PROPERTIES #####
APPLICATION_NAME=FCJ
APPLICATION_EXT=FCROFC
APPLICATION_SERVER=WL
APPLICATION_WORK_AREA=/scratch/work_area/DEV/FC125R2/APPLOGS
DEBUG=Y
SSL_ENABLED=Y
OPSS_AVAILABLE=N
BRANCH_CENTRALIZED=Y
REQUEST_TIME_OUT=1800000
```

1.4 Setting Single Sign on

Figure 1-12 Setting Single Sign on



You can specify the following details in this screen:

Table 1-5 Single Sign on

Field	Description
SSO Required	Select this check box to enable single sign-on (SSO). If you select this check box, you need to enter the SSO Key.

Table 1-5 (Cont.) Single Sign on

Field	Description
SSO Type	This is disabled. This is enabled on selecting SSO Required Flag. Specify the SSO Type from the list of following: • DEFAULT • TOKEN • SAML • IDCS Token • DEFAULT - This option is the default scenario where the External SSO system needs to send the SSO UserID mapped to the application userID in the SSO_KEY parameter. For Example: 1• If SSO_KEY maintained is DN and SSO_USERID is fcubsuser@oracle.com then the SSO system needs to send SSO USERID in the DN parameter when a request is sent to the application. • The SSO UserID needs to be maintained in the LDAP_USER field of the User Maintenance screen –SSDUSRDF- Refer to section 2.10 *Common Core Security Management System User Guide* • TOKEN - This option needs to be selected if Custom implementation is required for SSO authentication in the application's Select this option to invoke AuthenticateCustomToken.class when the application login is performed. The required custom implementation method for SSO/SAML needs to be done in the custom class. Exec File Path: `INFRA\FCJNeoWeb\war\WEBINF\classes\com\ofss\infra\sso\AuthenticateCustomToken.class` can be referred for the method details. Note: Configuration details on the External SSO system will not be provided/available as part of Application documentation. This needs to be checked with the respective SSO provider. • SAML - By default, 'DEFAULT' optionis selected; however, you can change it. IF SAML is selected, SAML details table below will be enabled .Please enter SAML details such as Certificate Path, password, alias and valid audience. This option needs to be selected if SSO -SAML authentication is required. In this case, the external system needs to send the SAML request XML in the SSO_KEY parameter. The application will validate the SAML signature using the certificate Path & password. In addition, the SAML Audience value provided should be the same in the SAML request sent to the application. Note: After the successful SAML validations, the application will allow you to log in with the userID sent in the SAML request. The SAML UserID send in the SAML request needs to be maintained in the LDAP_USER field of the User Maintenance screen – SSDUSRDF- Refer to section 2.10 of *Common Core Security Management System User Guide*. • IDCS Token - This option needs to be selected if Oracle Identity Cloud Service(IDCS) is used as the Identify & Access management system in cloud deployments.

Table 1-5 (Cont.) Single Sign on

Field	Description
SSO Signoff Configurations	The below section details the options available to do SSO signoff when the user has logged off from the application Select the SSO signoff check box to enable the below fields 1. **SSO_SIGNOFF_URL**: The External SSO logout URL which needs to be invoked after application logoff needs to be configured here. Example: https:///oam/server/logout” 2. **SSO_SIGNOFF_POST_RD_URL** : This is applicable only if IDCS is used as IAM system. The URL/Context path which needs to be navigated post SSO signoff needs to be configured here. Example: “/FCJNeoWeb” 3. **SSO_REQ_PARAM_KEYS**: This is applicable only if IDCS is used as an IAM system. The keys required for the IDCS token validation need to be specified here as comma-separated. Example: “idcs_service_url,idcs_remote_user,idcs_user_assertion **Figure 1-13 SSO signoff**  **Note:** Note that the Application will only invoke the configured SSO logout URL when the user is logging off the application. The application will not perform any other action for SSO logout.

Table 1-5 (Cont.) Single Sign on

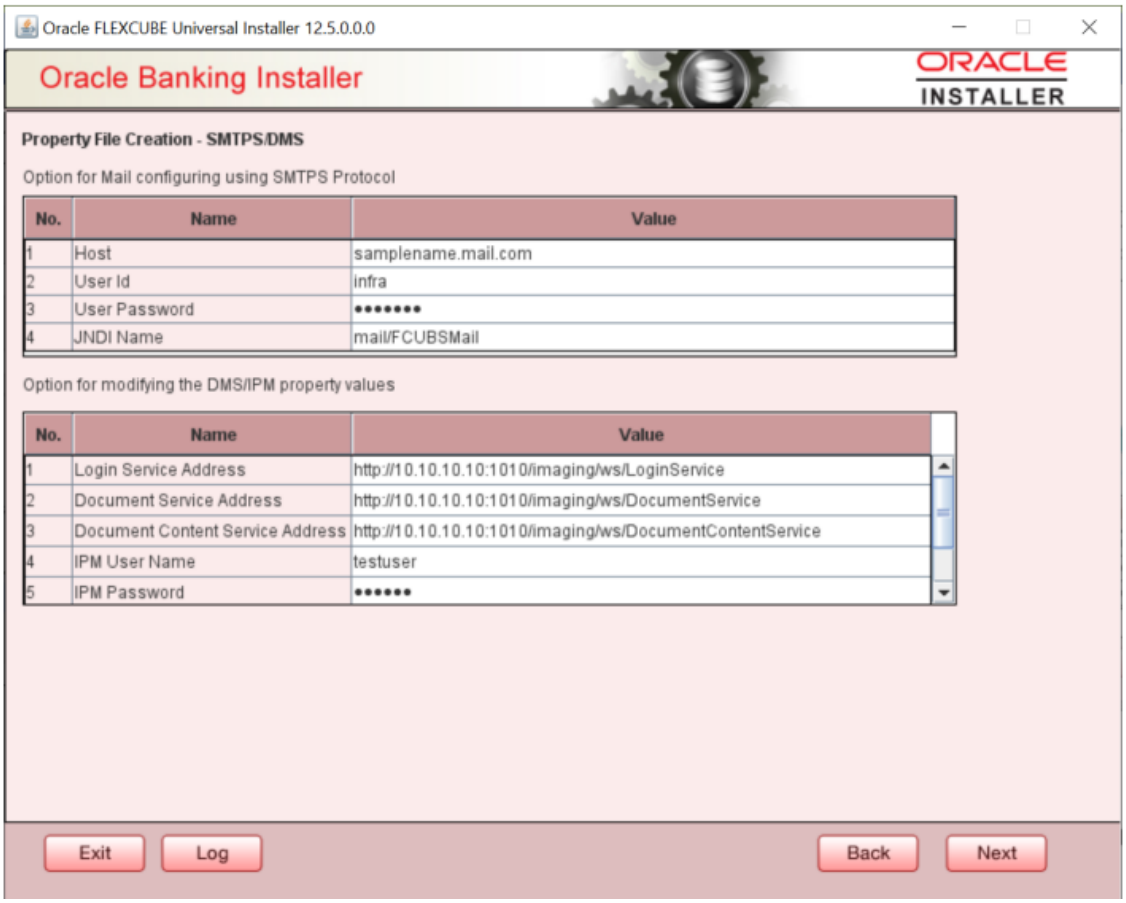
Field	Description
SSO KEY	Specify the SSO key. If you have selected the check box **SSO Required**, it is mandatory to specify the SSO key. By default the value is **DN**. If you select the **SSO required** check box, the Installer skips the following two screens and directly navigate to the SSL screen shown below in this manual. If you are not selected the **SSO required** check box, then on clicking the **Next** button, the screen for enabling SSL options is displayed.
External Password Required	Select this check 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. If LDAP is selected, table related to LDAP is enabled. Enter LDAP server URL, SSL enabled, Security authentication type, Domain Name, and LDAP Server timeout details. By default, this check box is deselected. However, you can change this.
External User Login Required	Select this check box to enable user login using MSAD/LDAP/ user ID. If you select this box, the user can login using MSAD/LDAP/ server user ID as well as using FCUBS user ID. If you do not select this check box, the user can login using FCUBS user ID only. By default, this check box is deselected. However, you can change this. **Note:** **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 for authentication. This option is enabled only when External Password Required check box is selected. 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. Specify the following details.
Platform Security	If the Platform Security box is checked for weblogic, the symmetric key is not stored in the property file for security reasons. If the Platform Security box is unchecked, the symmetric key is available in the property file and a warning message is displayed to the user.
SMS Security Key	This field is used to capture the security key value if the Platform Security check box is checked.
SSL Enabled	SSL Enabled is selected by default. Click **Next** and the next screen gets displayed.

Click **Next** and the next screen gets displayed.

1.5 Setting SMTPS/DMS details

This section describes the method to configure email details and SMTPS/DMS properties whichever is required.

Figure 1-14 Setting SMTPS/DMS details



For SMPTS protocol, specify the following details.

Table 1-6 Options for Mail configuration

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. In the next table specify the branch properties like Date Seperator, WorkFLow frequency, Compress Request as required.

DMS/IPM Properties table is enabled only if DMS plug-in is enabled. Specify the following details:

Table 1-7 DMS/IPM Properties

Field	Description
Login Service Address	This is the endpoint address of the web service (OracleIPM.WebService.EndpointAddress).

Table 1-7 (Cont.) DMS/IPM Properties

Field	Description
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.Document ConetntService.EndpointAddress). ***Example for Login Service Address:*** Weblogic: http://10.10.10.10:1010/imaging/ws/LoginService In the ablove URL replace LoginService with DocumentService and DocumentContentService respectively for Document Service Address and Document Content Service Address as well.
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	This check box indicates whether HTTP session to be maintained or not (OracleIPM11G.MaintainSession).

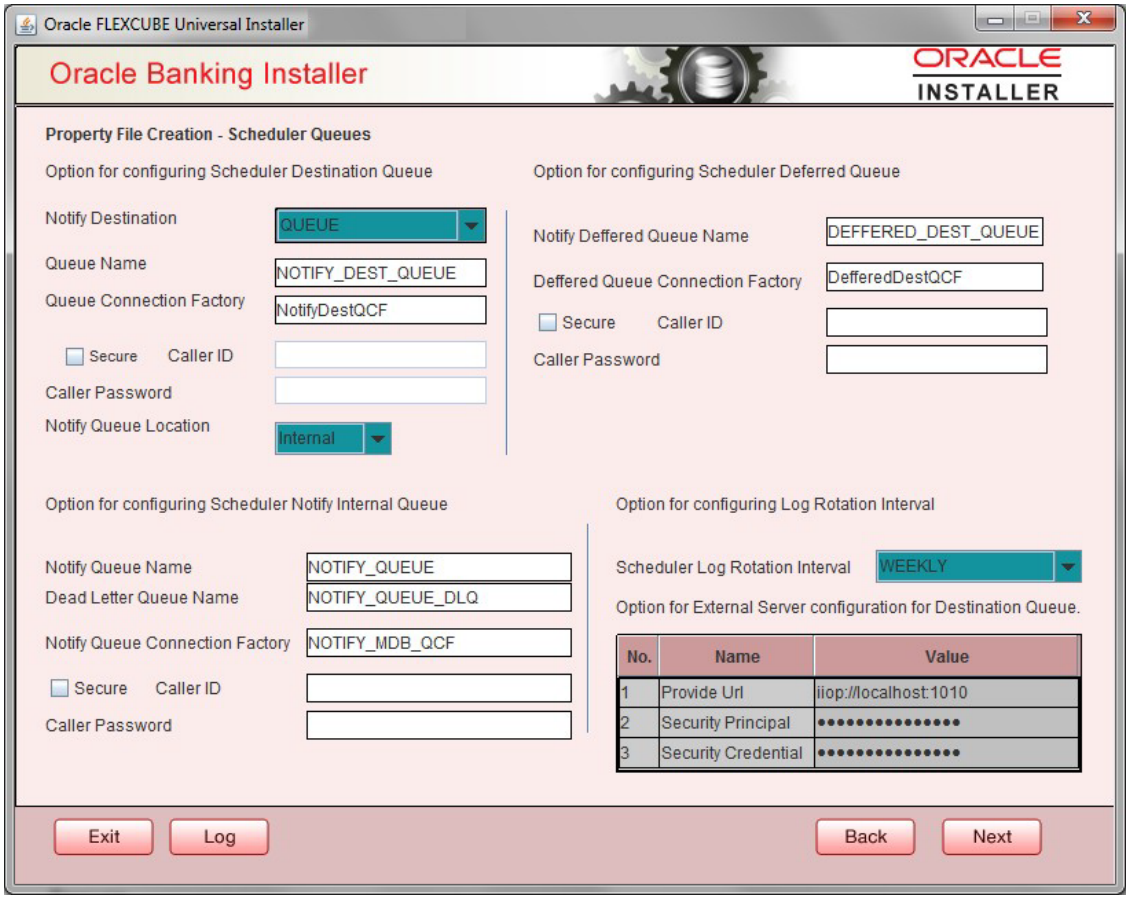
Once you have specified the above details, click **Next** and system displays the next screen.

1.6 Configuring Scheduler

If **Scheduler Standalone** is chosen during plug-in selection time, all the below screens mentioned under scheduler configuration is **not applicable**.

This topic describes the method to configure scheduler data source. System displays the following screen:

Figure 1-15 Scheduler Queues



Specify the following details:

Table 1-8 Scheduler Queues

Field	Description
Scheduler Log Rotation Interval	Select the interval between each rotation of scheduler log. Given options are – DAILY, WEEKLY and MONTHLY.
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 **NotifyDestTCF** as the queue connection factory.
Secure	Select this check box to indicate that it is a secured queue connection factory. If you select this check box, you are prompted to specify the Caller ID and Caller Password as shown in the following screen. Specify the following details: • **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.

Table 1-8 (Cont.) Scheduler Queues

Field	Description
Secure	Select this check box to indicate that it is a secured deffered queue connection factory. If you select this check box, you are prompted to enter the caller ID and caller password. 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	Select this check box to indicate that it is a secured queue connection factory. If you select this check box, you are prompted to enter the caller ID and caller password as shown in the following screen
Notify Queue Location	Specify the notify queue location. Select one of the following options: • **Internal** • **External** **Note:** For Oracle WebLogic Application Server, the notify queue location should be selected as **Internal**. If you choose **External** following details for the external queue are enabled. • **Provider URL** • **Security Principal** • **Security Credentials**
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. Click **Next** to proceed with scheduler configuration. **Note:** If you choose **Internal** as the **Notify Queue Location**, this screen is not displayed.

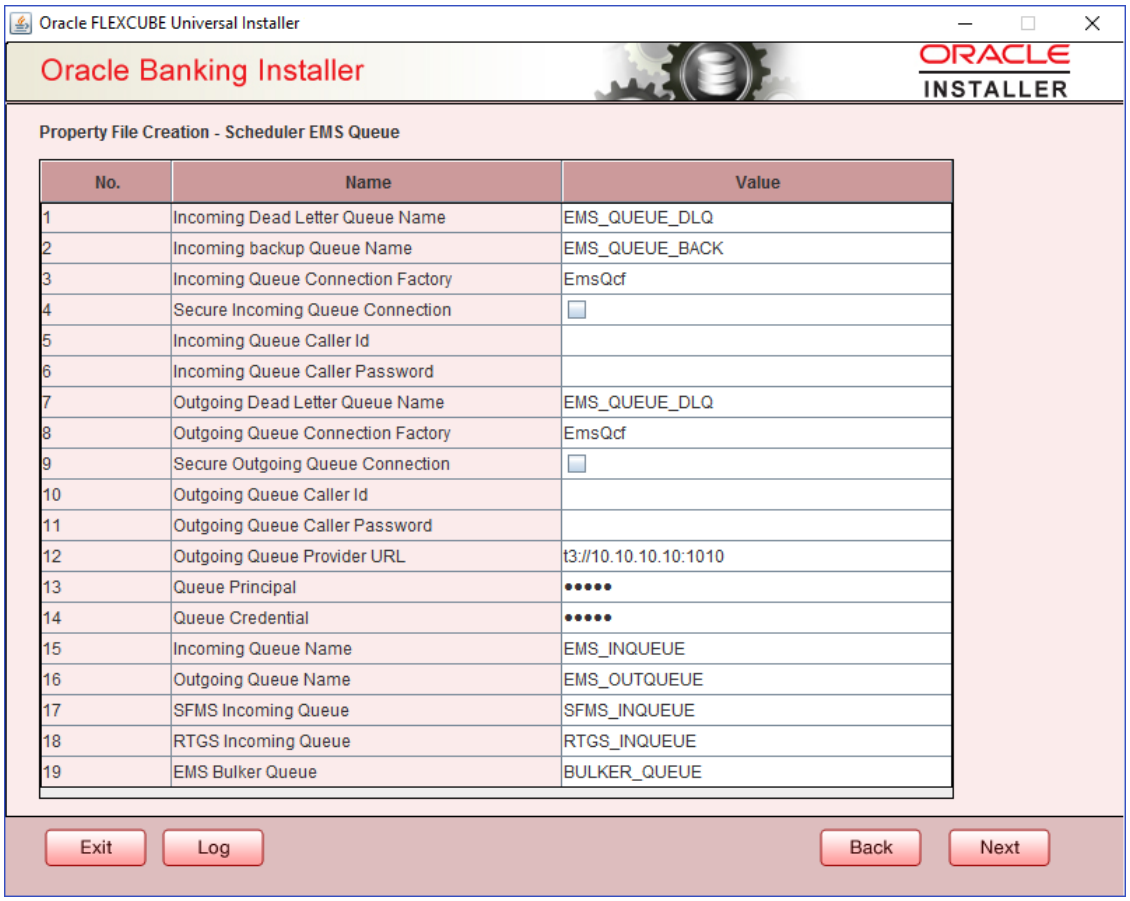
Table 1-9 URL

Application Server	EMS Out Initial Context Factory
Oracle WebLogic	t3://<ip_adress>: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).

Click **Next** and the following screen is displayed.

1.7 Setting Scheduler EMS Properties

Figure 1-16 Scheduler EMS Properties



Specify the following details:

Table 1-10 Scheduler EMS Properties

Field	Description
Incoming Dead Letter Queue Name	By default **EMS_QUEUE_DLQ** is set as the incoming dead letter queue name, retain the same.
Incoming backup Queue Name	By default **EMS_QUEUE_BACK** is set as incoming backup queue name, retain the same.
Incoming Queue Connection Factory	Specify the name of the incoming connection factory to which EMS listens. You need to create this connection factory in the application server. For details on connection factory creation, follow the steps described for creation of notify connection factories. **EmsQcf** is given as default value for the incoming queue connection factory.

Table 1-10 (Cont.) Scheduler EMS Properties

Field	Description
Secure Incoming Queue Connection	Select this check 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	By default **EMS_QUEUE_DLQ** is set as outgoing dead letter queue name, retain the same.
Outgoing Queue Connection Factory	Specify the name of the outgoing connection factory to which EMS listens. You need to create this connection factory in the application server. For details on connection factory creation, follow the steps described for creation of notify connection factories. **EmsQcf** is given as default value for the outgoing queue connection factory.
Secure Outgoing Queue Connection	Select this check 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. 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.
Queue Principal	Specify the 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	Specify the 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 for which EMS is configured. By default EMS_INQUEUE is specified.
Outgoing Queue Name	Specify the outgoing queue name for which EMS is configured. By default EMS_OUTQUEUE is specified.
SFMS Incoming Queue	Specify the SFMS Incoming Queue for which EMS is configured. By default SFMS_INQUEUE is specified.
RTGS Incoming Queue	Specify the RTGS incoming Queue for which EMS is configured. By default RTGS_INQUEUE is specified.
EMS Bulker Queue	Specify the Bulker Queue name. By default **BULKER_QUEUE** is specified, retain the same. So that in fcubs.properties file, **EMS_BULKER_QUEUE** field gets updated to **BULKER_QUEUE** value.

Table 1-11 Outgoing Queue Provider URL

Application Server	EMS Out Initial Context Factory
Oracle WebLogic	t3://<ip_adress>: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).

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

1.8 Setting EMS FTP/FTPS Properties

Specify the following details:

Figure 1-17 EMS FTP/FTPS Properties

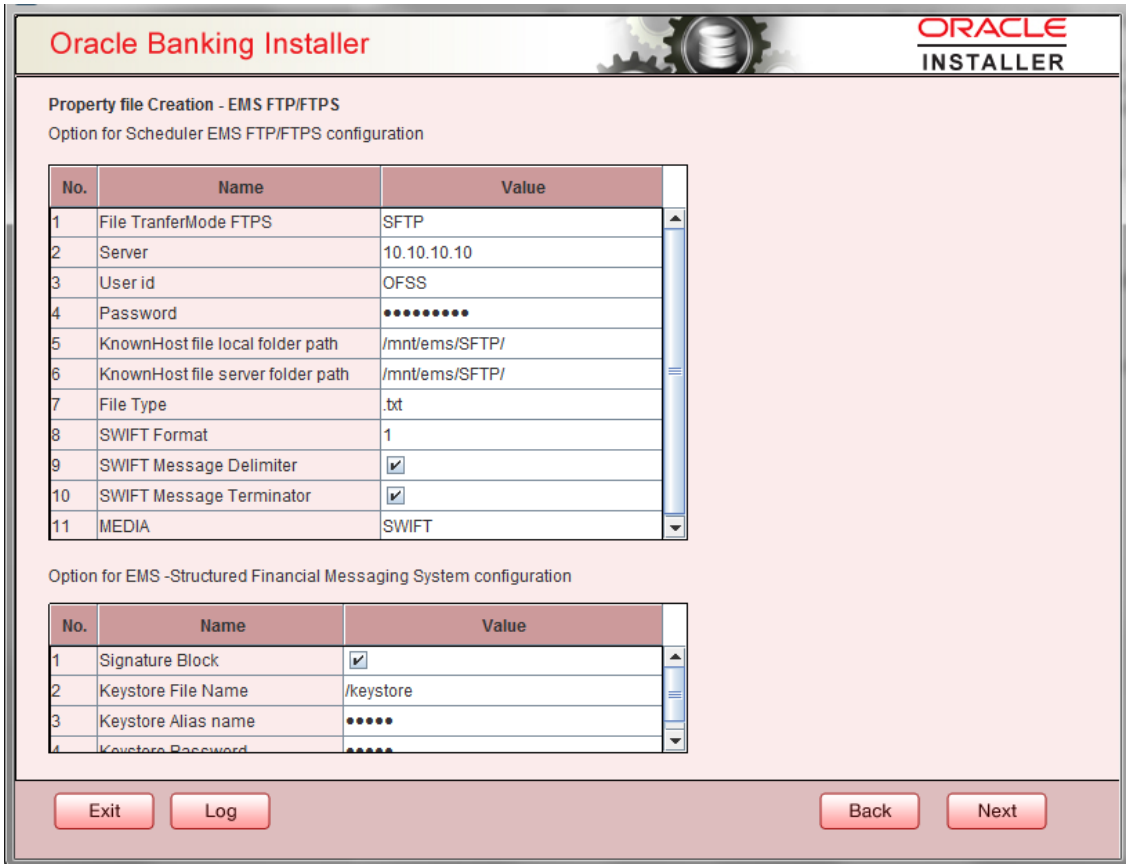


Table 1-12 EMS FTP/FTPS Properties

Field	Description
File Transfer Mode FTPS	Specify the mode of transferring files to EMS. Enter one of the following: • **FTPS** (FTP over SSL) • **SFTP**(Secure FTP) • **HTTP**(Hyper Text Transfer Protocol) **Note:** FTP is File Transfer Protocol
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.
Known Hosts Local Folder path	Specify the local path for known hosts file generation. This is required only when File transfer mode is SFTP.
Known Hosts server folder path	Specify the server path for known hosts file pick-up. This is required only when File transfer mode is SFTP. Copy the generated known hosts file to the given server path.
File Type	Specify the type of file that is transferred. By default, the Installer sets it as **.txt**.
SWIFT FORMAT	Specify the SWIFT format.
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.

Once you have specified the above details, Specify the EMS- Structured Financial Messaging System configuration details:

Table 1-13 EMS- Structured Financial Messaging System

Field	Description
Signature Block	Select this check 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.

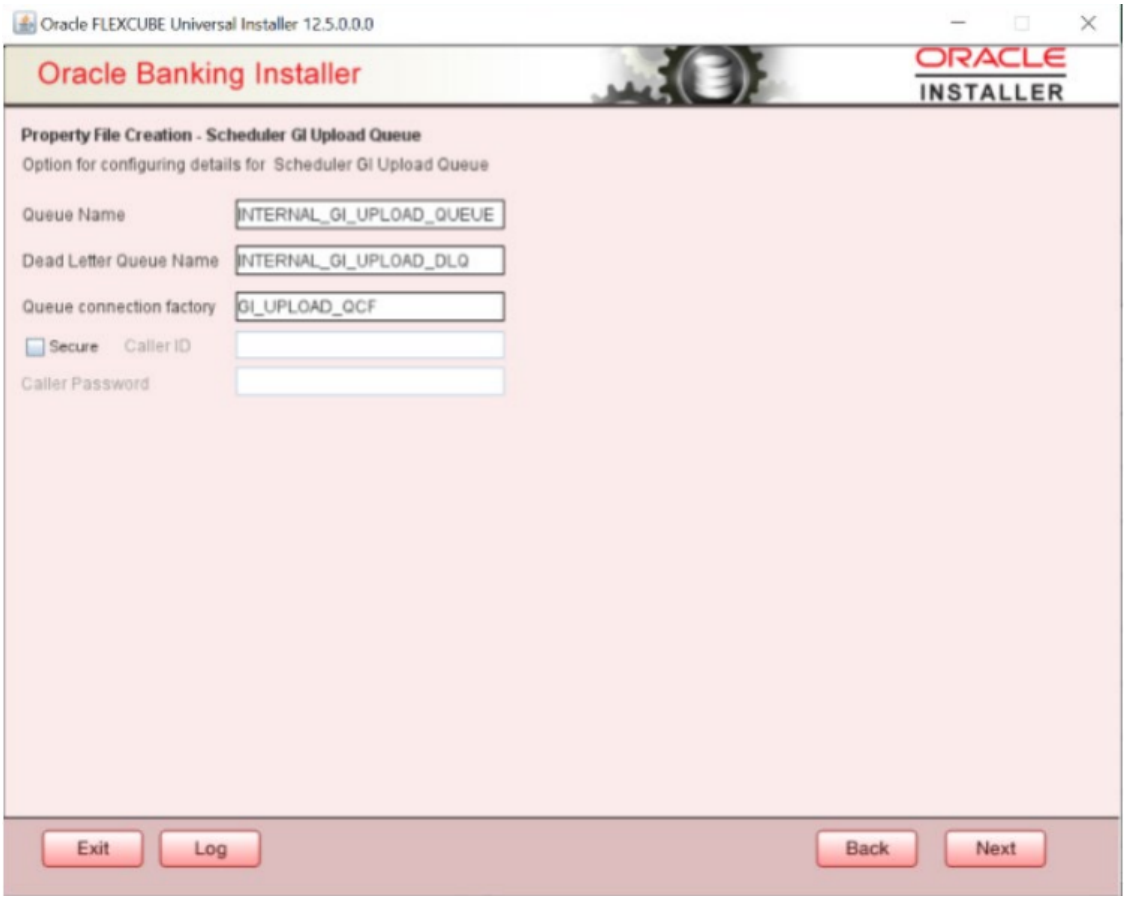
Once you have specified the above details, click **Next** and system displays the next screen.

This topic has the following sub-topic:

- Setting Scheduler GI Upload Queue Properties

1.8.1 Setting Scheduler GI Upload Queue Properties

Figure 1-18 Setting Scheduler GI Upload Queue Properties



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

1.9 Setting Reports details

For Report properties, this table is enabled only if REPORTS_ENABLED plug-in is selected.

Figure 1-19 Setting Reports Details

Specify the following details:

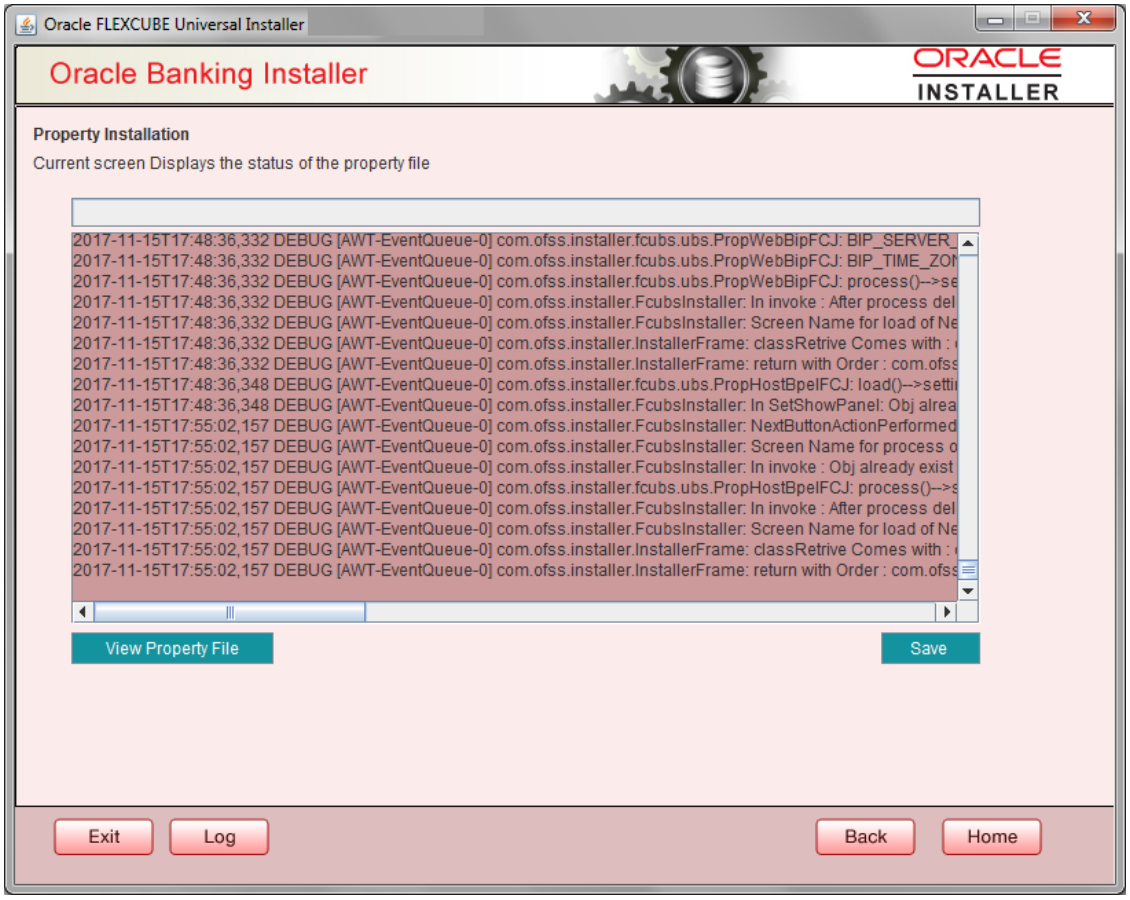
Table 1-14 Reports details

Field	Description
Server End Point	Specify the end point. 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 Reports server.

1.10 Saving Property File

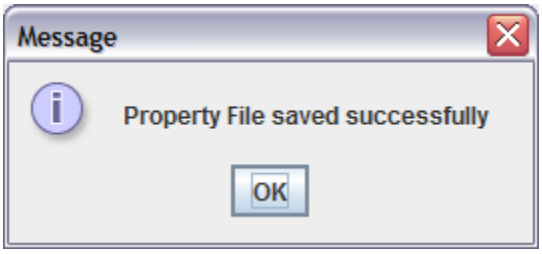
After completing all the required settings explained above, you need to save the property file.

Figure 1-20 Saving Property File



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

Figure 1-21 Message Details



This completes the properties file creation. Along with the property file creation, env.properties file is also generated in `\INSTALLER\SOFT\GUI\logs` path and is automatically copied to `\INSTALLER\SOFT\logs` folder.

> **Note:**
>
> Env.properties file parameters gets updated during every property file creation (like FCUBS, Gateway, Scheduler, and son on). After Property file creation, proceed with respective EAR build and then proceed with other components property file creations and build.

Also OracleIPMAdapter.properties is generated in same path as fcubs.properties when IPM plug-in is enabled.

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