Installer Property File Creation
Oracle FLEXCUBE Universal Banking
Release 12.4.0.0.0
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FINANCIAL SERVICES

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1. Creating Property File for Oracle FLEXCUBE Installer

1.1 Introduction

This chapter explains the steps to create property file for Oracle FLEXCUBE Installer Application. Two property files are created. While creating the FCUBS property file, the environment property file gets generated.

1.2 Creating Property File

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

1. Launch Oracle FLEXCUBE Installer i.e. **FCUBSInstaller**.**bat** (for Windows), and **FCUBSInstaller.sh**(for Linux).

Need to provide the following details:

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i. **JAVA HOME PATH**

Provide the JDK home path with the latest version.

ii. **ORACLE HOME PATH**

Provide the Oracle 12C Client Path.

iii. **APPSERVER PATH**

Provide the Application Server Path.

After providing these details, INSTALLER-GUI gets generated. And follow the below details.
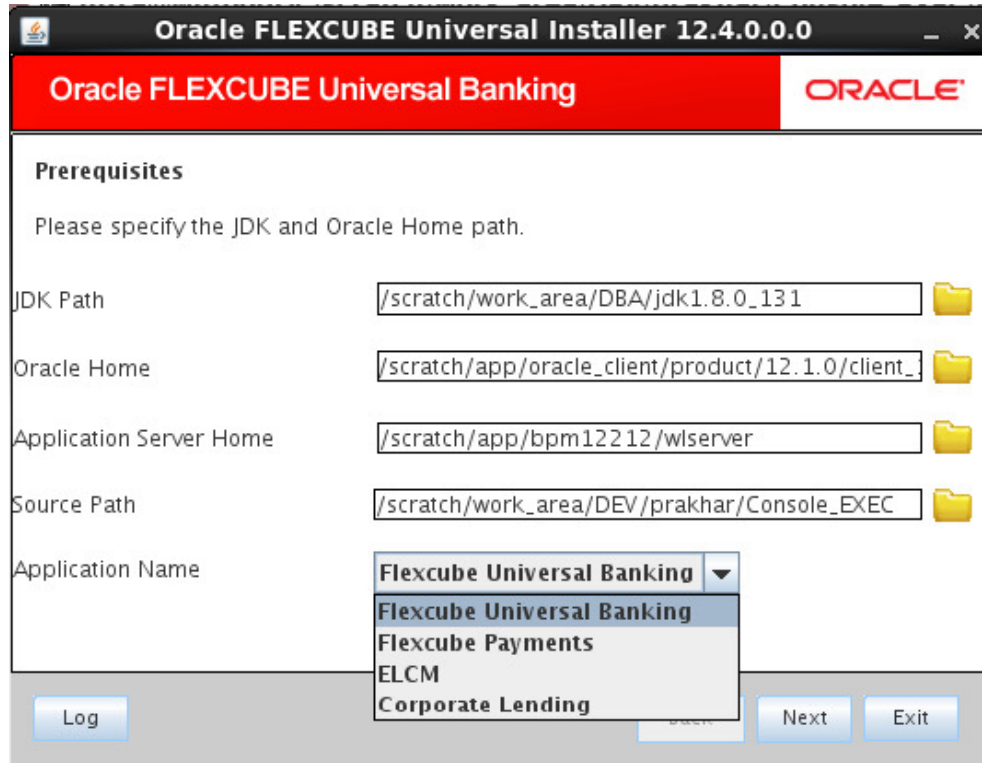
Enter the following details

JDK Path

Maintain Home folder path of JDK1.8.

Oracle Home

Maintain home folder path of Oracle Database Client.

Application Server Home
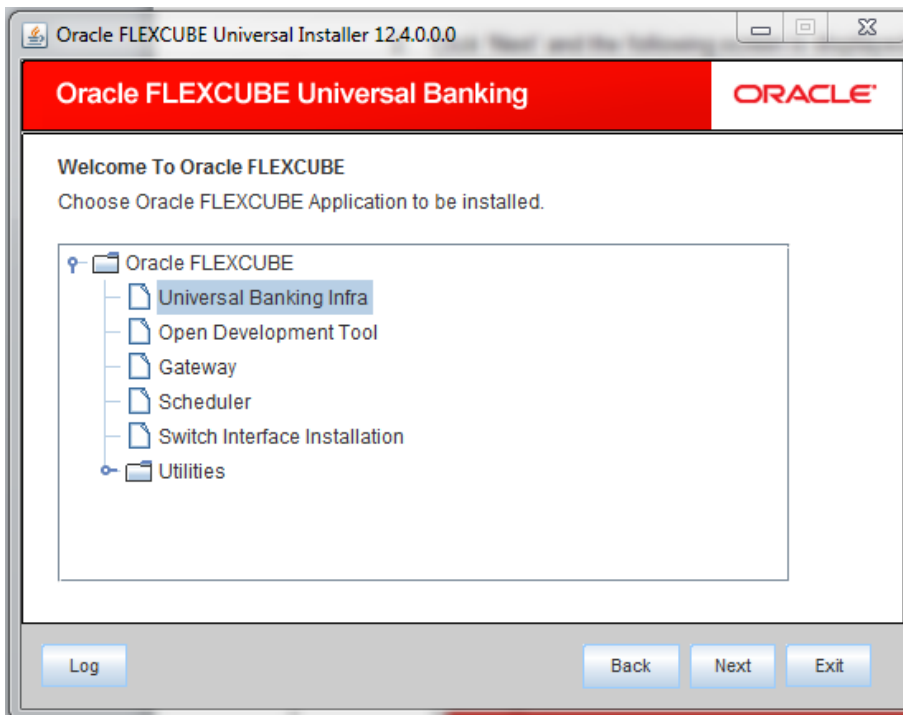
Maintain home folder path of Application Server.

Source Path

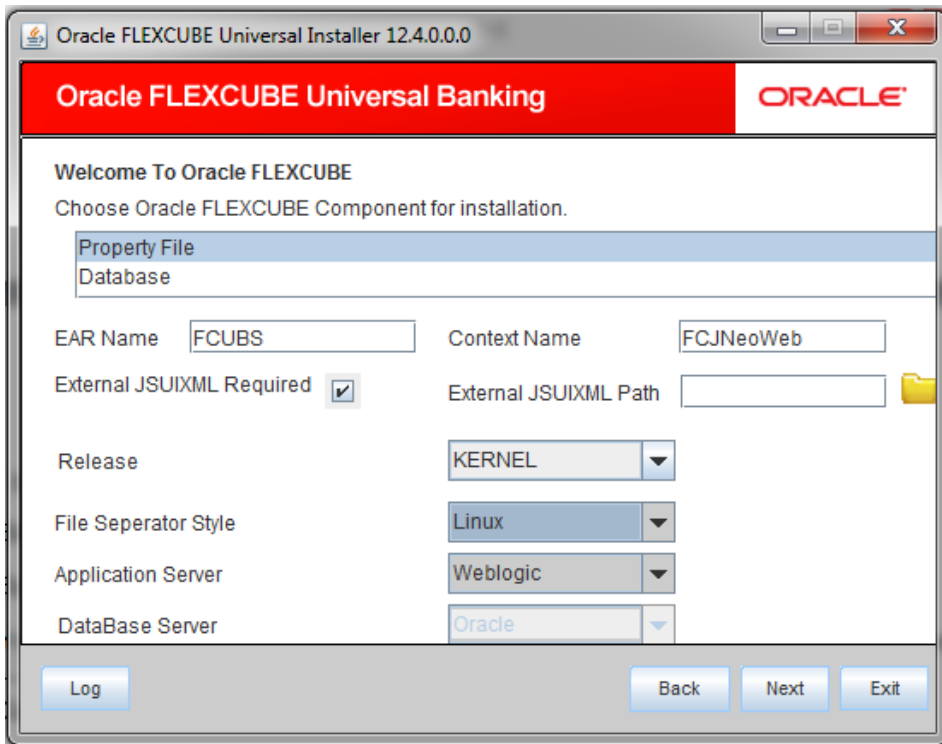Provide the source path of the console exec directory.

Application Name

Select the application name from the drop down.

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

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

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4. Select 'Property File'.

5. Specify the following details:

EAR Name

Specify a name for the Application to be deployed.

You cannot use special characters such as '.' (dot), ',' (comma), '$' etc. 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 will be updated in 'application.xml'. In case of a WebLogic server, this will be updated in 'weblogic.xml'.

External JSUIXML Required

Specify whether screen changes will be 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.

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: ex :- /scratch/work_area/DEV/FC124_UBS/JS_UIXML_HELP -this can be any path in the Application server.Release

Specify the release in which you are creating the property file. **Select** the appropriate one from the adjoining drop-down list. The options are:

- KERNEL
- MX Cluster
- VN

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.

Database Server

Database server on which you are installing Oracle FLEXCUBE is displayed as Oracle.

6.   Click 'Next' to continue and following screen is displayed:

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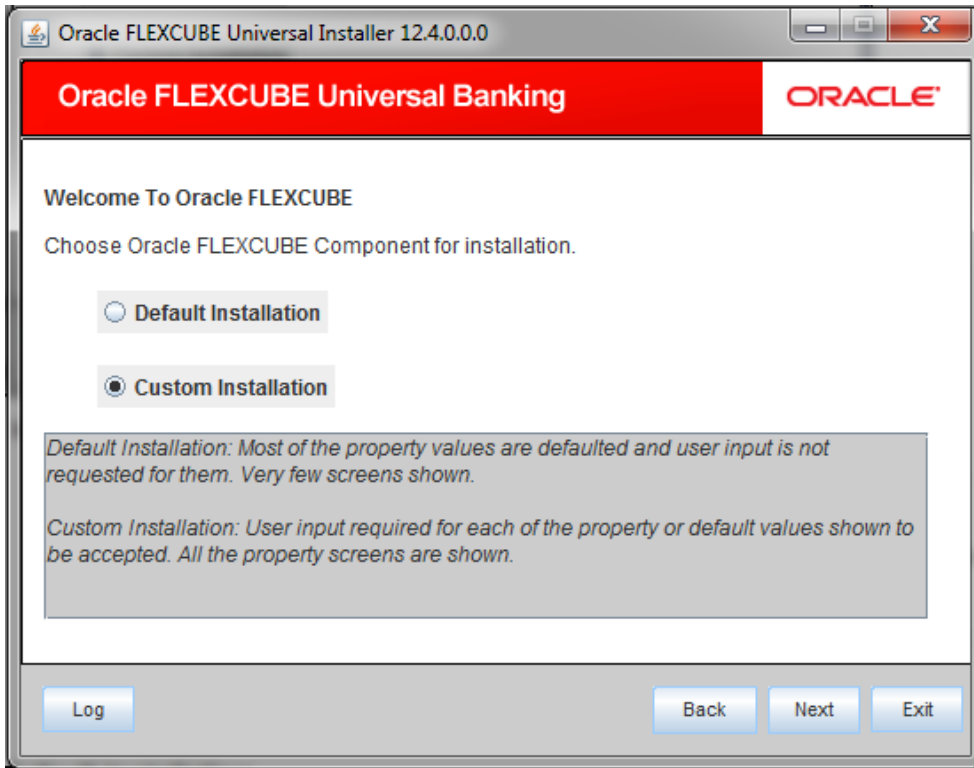
In this screen, choose either Default or Custom installation.

Default – Only the minimum list of details are asked for. Insulation plug-in is de-selected. SSO is by default No.

If there are any issues with the default values then, the property file created can be loaded and choosing custom Installation option it can be corrected.

Default makes sense if the user is acquainted with FLEXCUBE configuration defaults else its advised to go with custom installation.

1.2.1 Default Installation

After selecting Default Installation, click 'Next', the following will be displayed
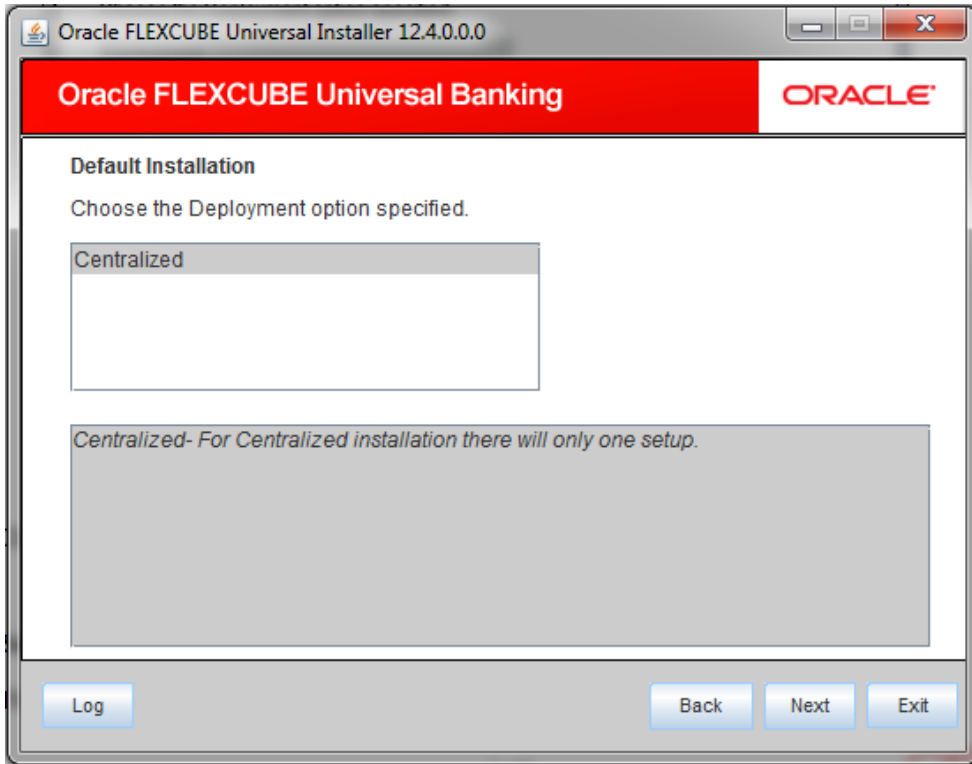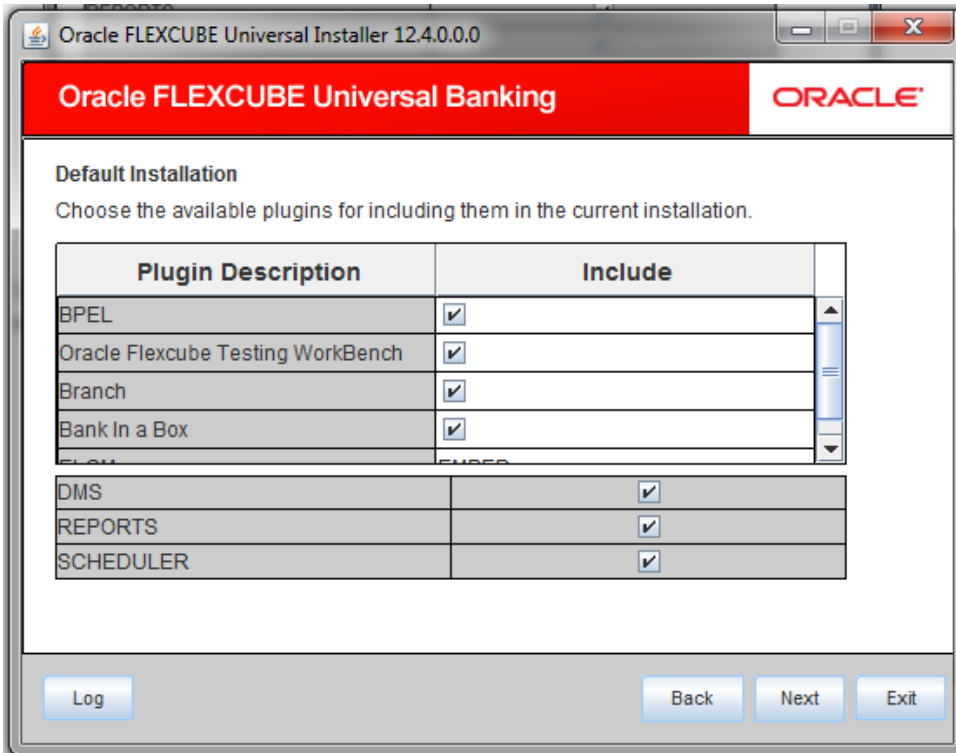
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Click 'Centralized' option which is the only available option for Default Installation and click next.

a. Setting Oracle FLEXCUBE UBS Plug-ins for Default Installation:

This section describes the process of setting plug-ins.

1. You can select the plug-ins from the following screen.

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7. You need to select the plug-ins to be included in the installation. Check the box against the required plug-ins. The following plug-ins are available for Oracle FLEXCUBE:

- BPEL
- OFTW
- Branch
- Bank in a Box
- ELCM
- DMS
- REPORTS
- SCHEDULER

b. Setting Common Properties for Default Installation:

This section describes the process of setting common properties of Oracle FLEXCUBE.

2. The installer displays the 'Common Properties' screen.
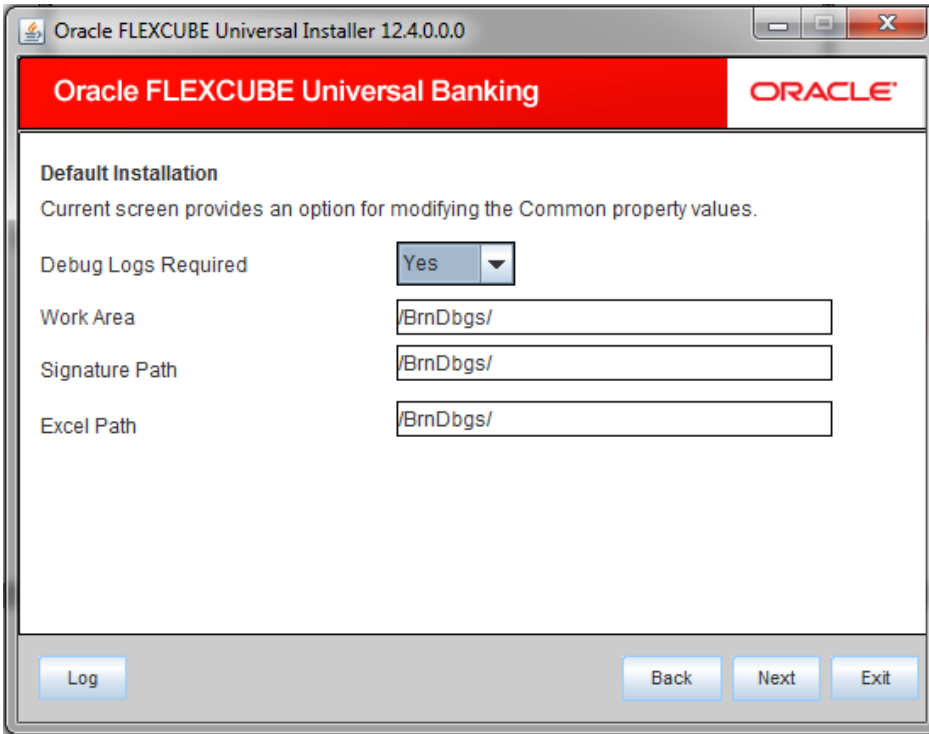
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8. Specify the following details:

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.
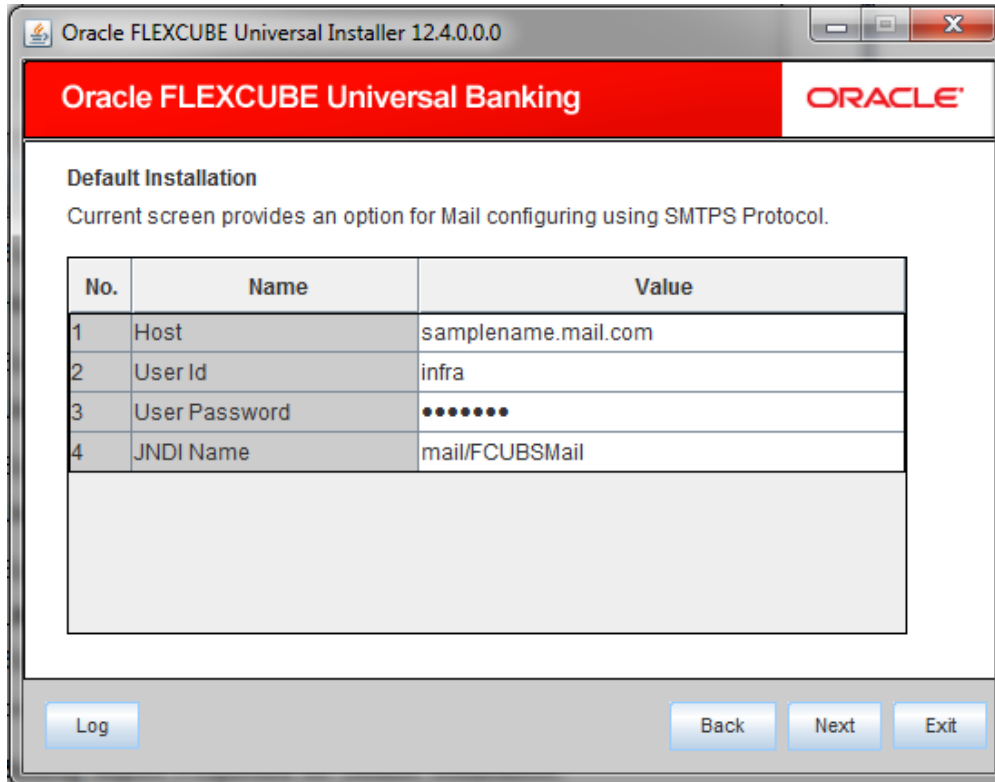
Excel Path

Specify the location at which the excel files are generated.

Click 'Next' and the following screen is displayed:

c. Setting Email Details for Default Installation:

This section describes the method to configure email details.

The following screen is displayed:

Specify the following details:

Host

Specify the SMTP host name.

User ID

Specify the user ID.

User Password

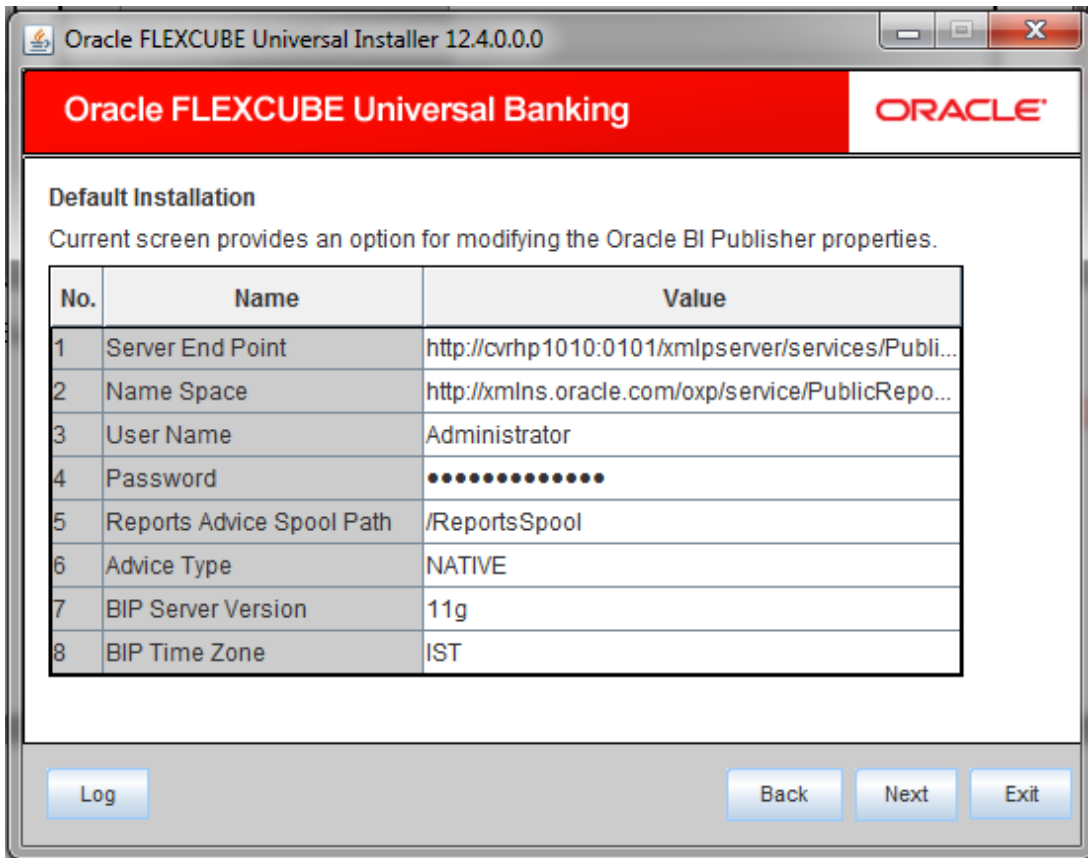Specify the user password.

JNDI Name

Specify the JNDI name

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

d. Setting Report Properties for Default Installation:

9. This section describes the methods to set report properties.

Specify the following details:

Server End Point

Specify the BIP end point.

'http://cvrhp1010:0101/xmlpserver/services/PublicReportService?wsdl. 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. By default, the Installer displays /ReportsSpool

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
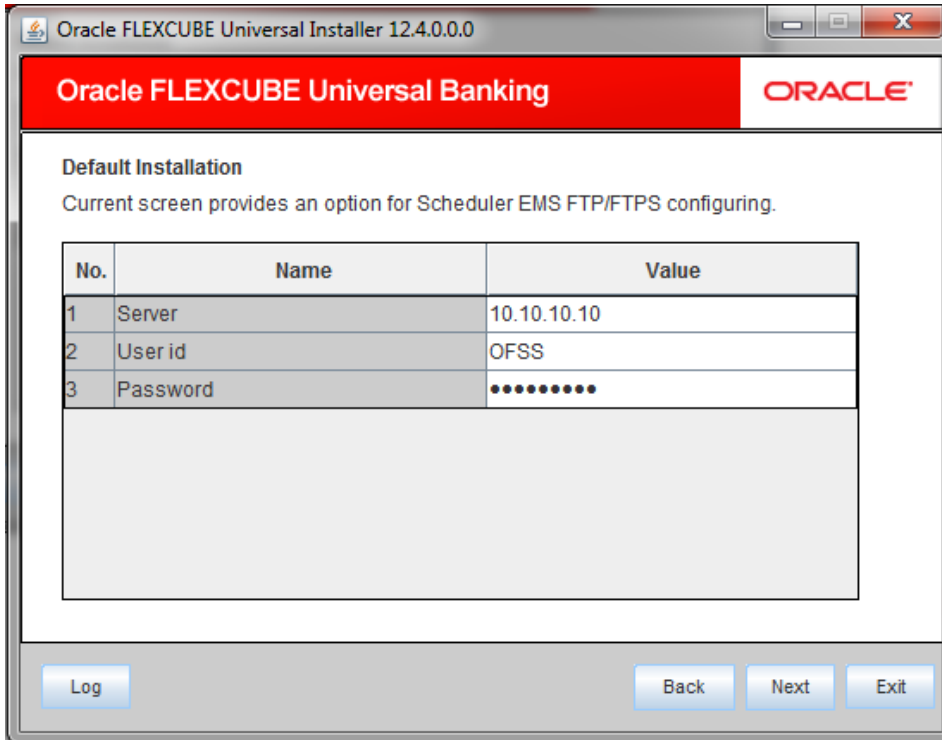- BIP – This advice type is used for generating advices in PDF format.

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.

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

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11. Specify the following details:

Server

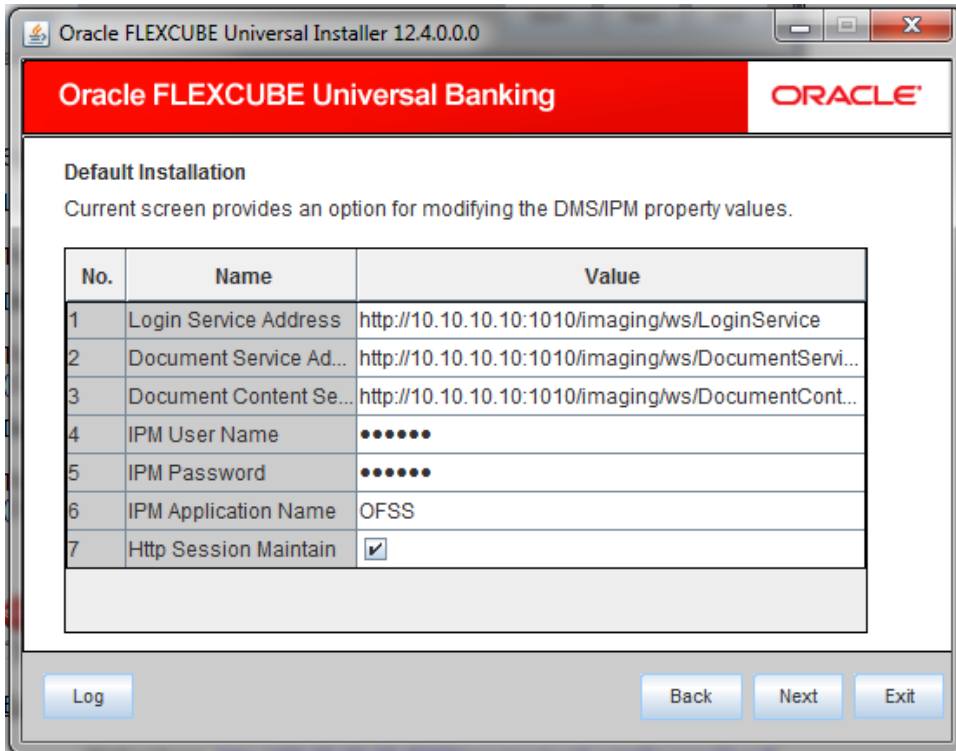Specify the server IP address for the selected file transfer mode.

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.

12. Click 'Next, the following screen is displayed.

Specify the following details:

Login Service Address

This is the endpoint address of the web service (OracleIPM.WebService.EndpointAddress).

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.DocumentConetntService.EndpointAddress).

🛑For websphere application server, the above three service address must end with "?wsdl"

Example for Login Service Address:

Webpshere: http://10.10.10.10:1010/imaging/ws/LoginService?wsdl

Weblogic: http://10.10.10.10:1010/imaging/ws/LoginService

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Similarly, this is applicable 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).
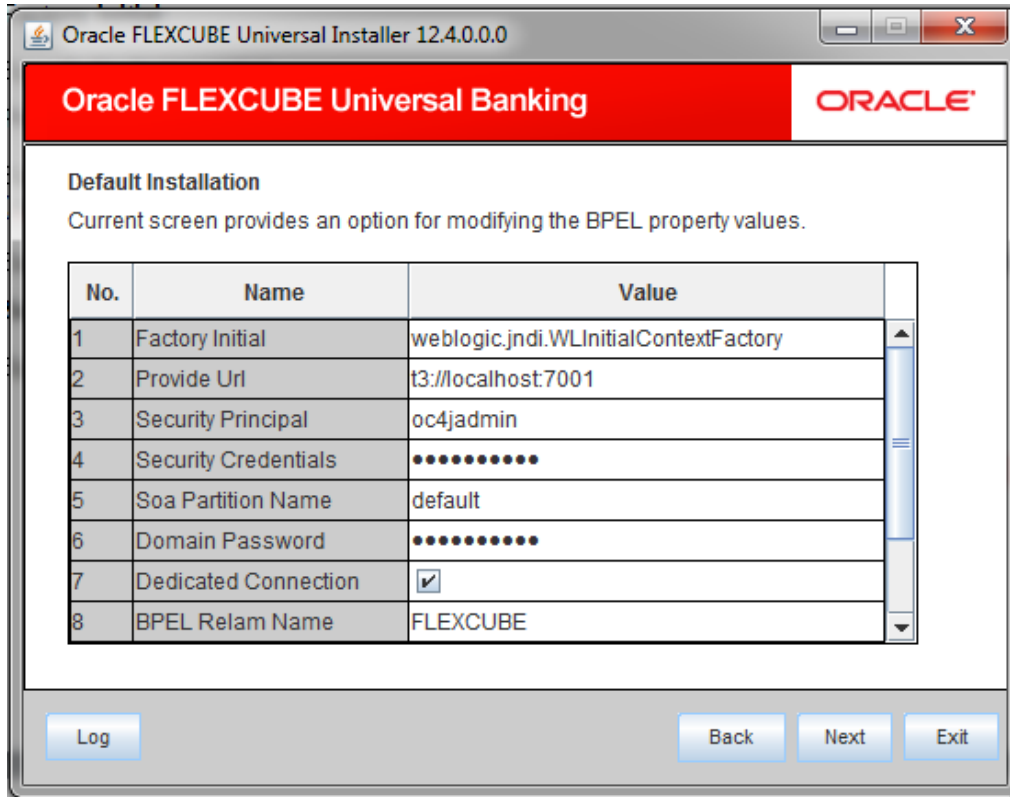
HTTP Session Maintain

This checkbox indicates whether HTTP session to be maintained or not (OracleIPM11G.MaintainSession).

13. Once you have specified the above details, click 'Next'.

e. Setting BPEL Properties for Default Installation:

If you have included BPEL option in the setup, then you need to set the BPEL properties.

14. Set the BPEL properties.

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Specify the following details:

Factory Initial

Specify the factory initial.

Provider URL

Specify the URL of the server. Enter the IP address, target server port (AdminServer/ManagedServer) and the context root.

Sample URL: t3://localhost:7001?partitionName=DOMAIN need to append along with the URL.

Security Principal

Specify the user name to access the application server where BPEL is installed.

Security Credential

Specify the password for the above user name.

Soa Partition Name

Specify the Soa Server Name. By default it will be the Installer sets it to 'default'.

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Domain Password

Specify the domain password for which SOA server is extended

Dedicated Connection

Check this box to indicate that this connection is not used for other purposes.

BPEL Realm Name

Specify the BPEL realm name. Sample Name: BPEL_REALM_NAME=JAZN.COM

Workflow Client Type

Specify whether Workflow Client Type is REMOTE or LOCAL. By default, it is selected as REMOTE.

BAM URI
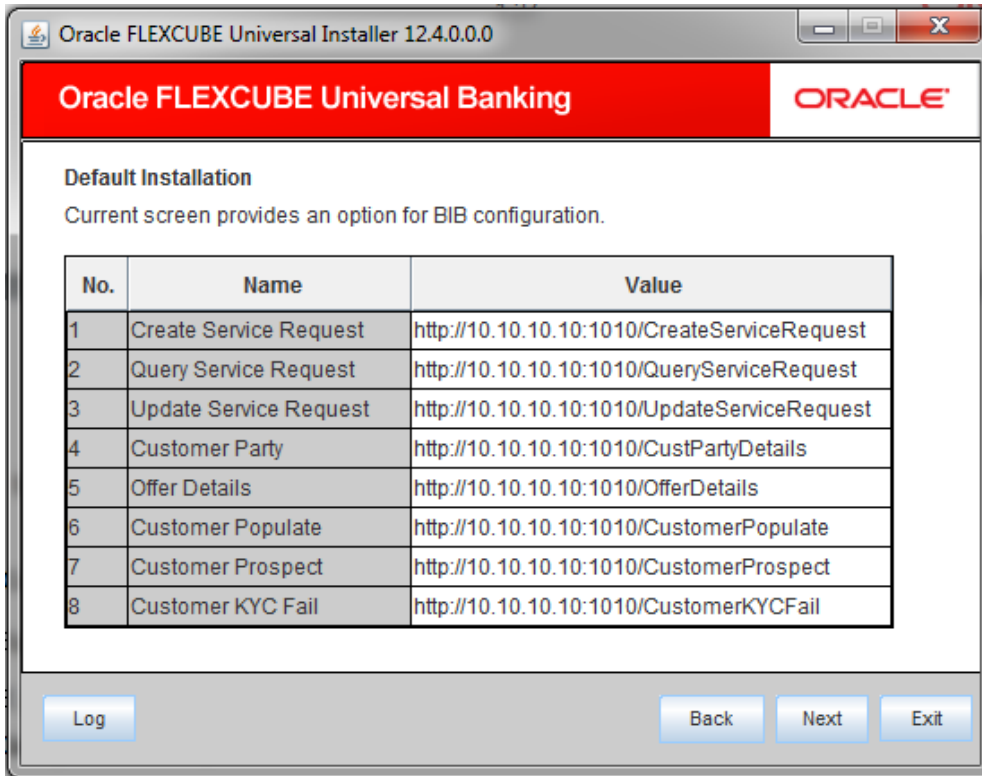
Specify the BAM URI.

BPM Installed

Check this box if the BPM is installed.

15. Once you have set the above details, click 'Next'. The following screen is displayed.

f. **Setting BIB Properties:**

If you have selected Bank in a Box (BIB) plug-in, you need to set the BIB properties.

16. Set the BIB properties.

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17. Specify the following details related to Bank in a Box (Siebel CRM integration).

Create Service Request

Specify the URL of the create service request web service.

For example: http://10.10.10.10:1010/CreateServiceRequest

Query Service Request

Specify the URL of the query service request web service.

For example: http://10.10.10.10:1010/QueryServiceRequest

Update Service Request

Specify the URL of the update service request web service.

For example: http://10.10.10.10:1010/UpdateServiceRequest

Customer Party

Specify the URL of the customer party details web service.

For example: http://10.10.10.10:1010/CustPartyDetails

Offer Details

Specify the URL of the offer details web service.

For example: http://10.10.10.10:1010/OfferDetails

Customer Populate

Specify the URL of the customer populate web service.

For example: http://10.10.10.10:1010/CustomerPopulate

Customer Prospect

Specify the URL of the customer prospect web service.

For example: http://10.10.10.10:1010/CustomerProspect

Customer KYCFail

Provide the URL of the Customer KYCFail Web Service.

For example: http://10.10.10.10:1010/CustomerKYCFail.

15. Once you have set the above details, click 'Next'.

g. **Saving Property File for Default Installation:**

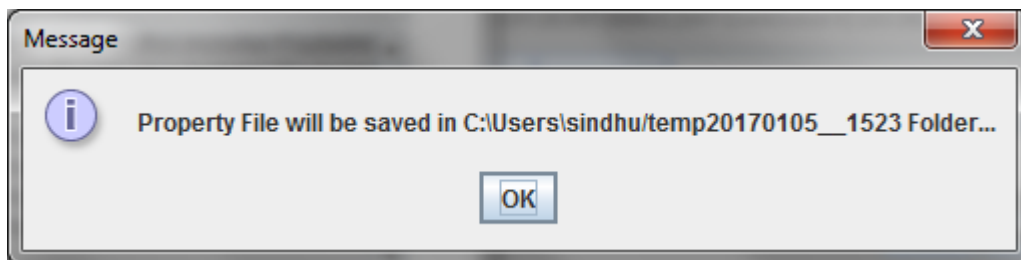After completing all the required settings explained above, you need to save the property file.

Save the property file.

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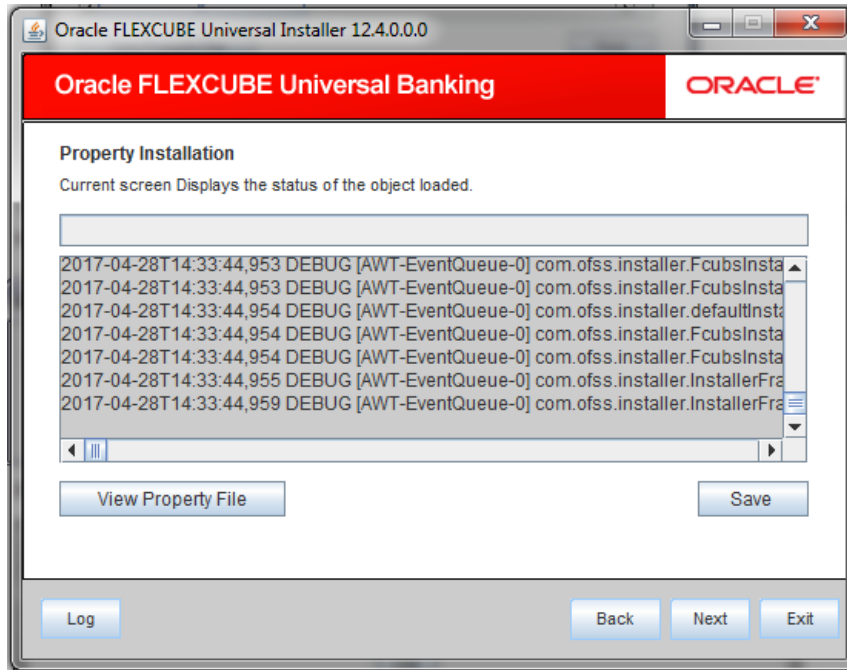
16. You can view the status of property file creation in the above screen. Once the file is saved, the installer displays the following message:
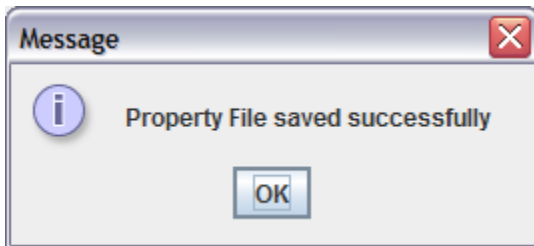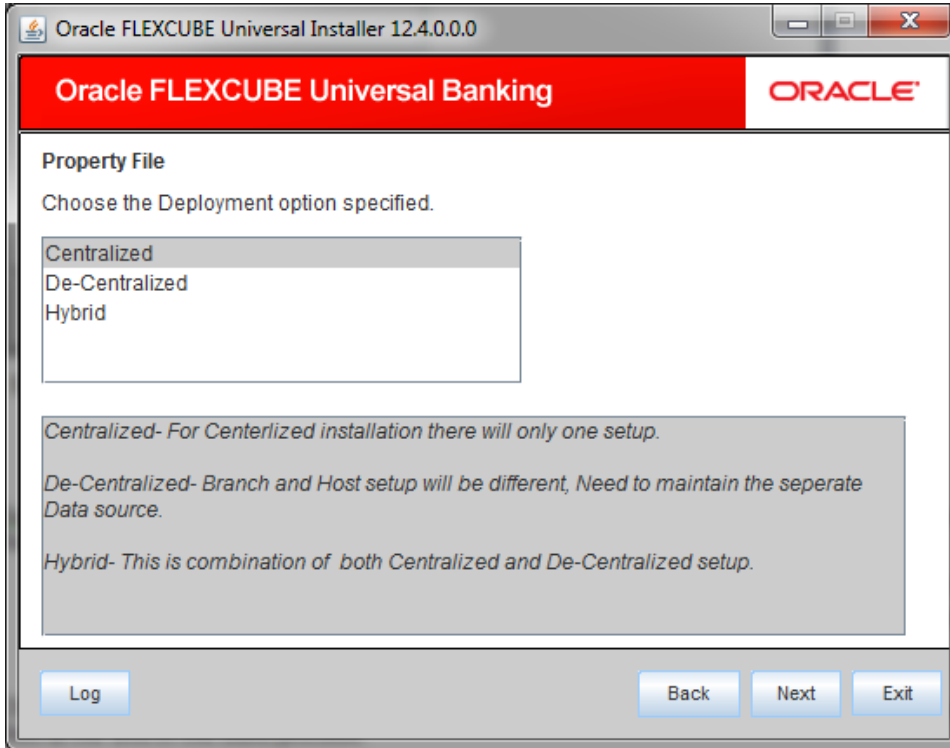

18. If 'Next' is clicked before 'Save' the property file will get saved in temporary folder.

This completes the properties file creation for default Installation.

1.2.2 Custom Installation

Custom – All details are to be provided.

19. Select the type of application deployment.

   - Centralized.
   - Decentralized

Select this if you require decentralized installation. In this case, Installer generates the following files at the end of the build process:

   ➢ {Application_name}.ear – This can be deployed as Decentralized Host Application
   ➢ {Application_name}.war – This can be deployed as Decentralized Branch Application

   - Hybrid

Choose this if you require Hybrid Installation. In this case, the Installer generates the following files at the end of the build process:

   ➢ {Application_name}.ear - This can be deployed as Centralized Host Application
   ➢ {Application_name}.war This can be deployed as Decentralized Branch Application

🛑 In Default flow, only Centralized option is available.

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20. In centralized deployment, the following screen is displayed:
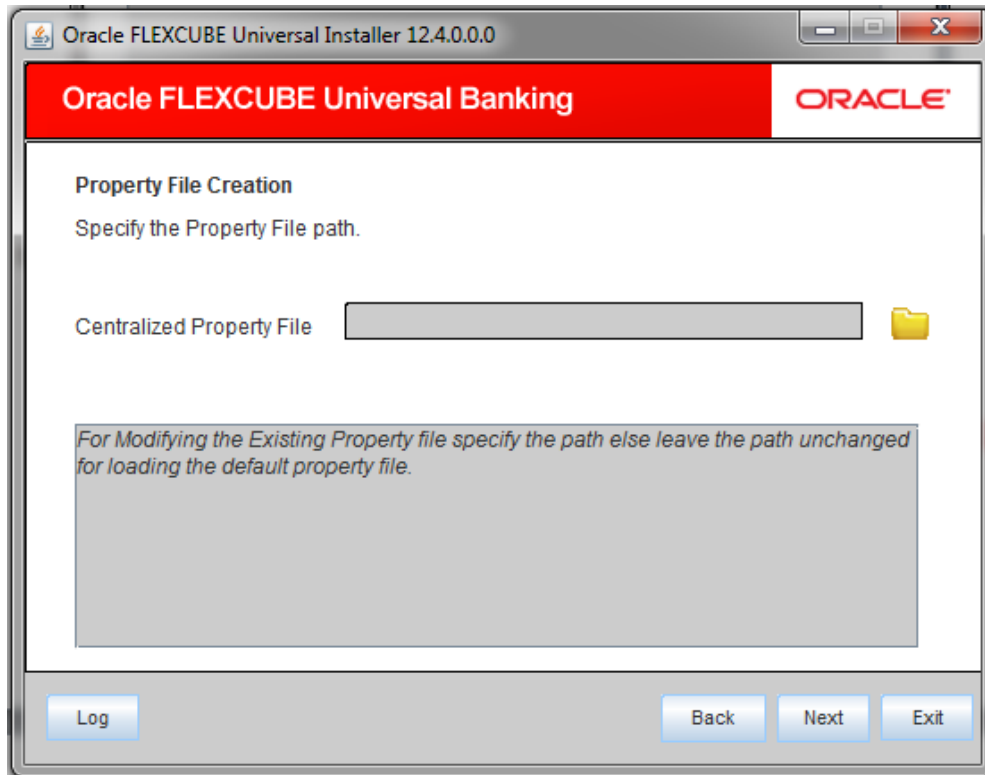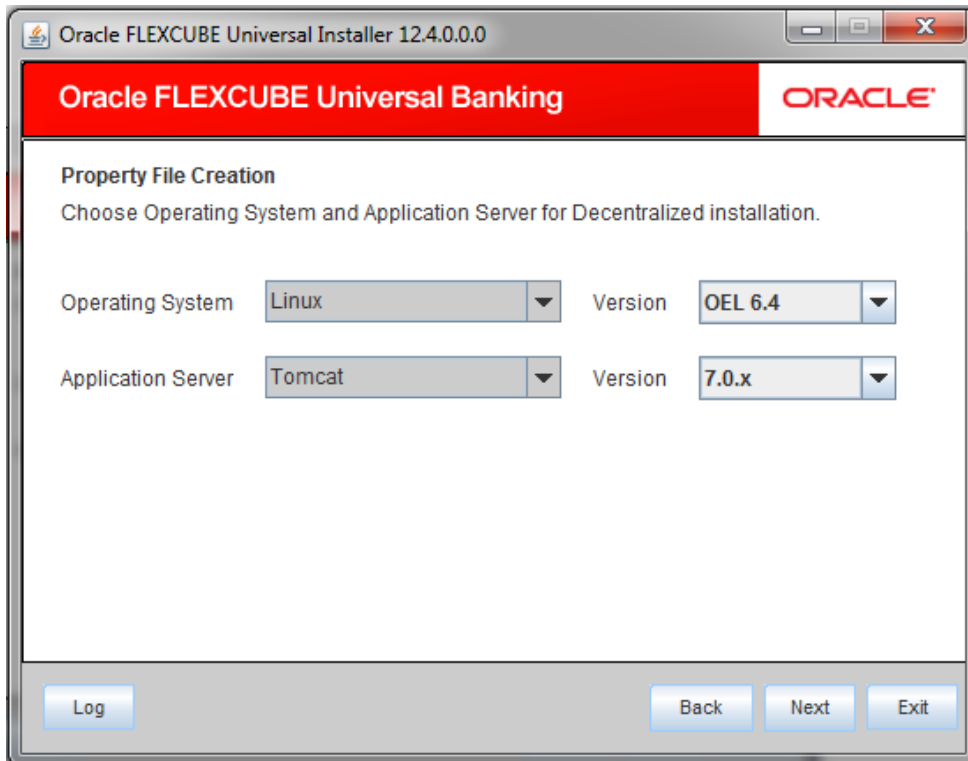

21. Specify the following details:

Centralized Property File

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.

You can use the directory button 🗀 to browse and select the directory.

22. In case of decentralized deployment, the following screen is displayed:

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Specify the following details:

Operating System:

Specify the operating system for decentralized installation.

Version:

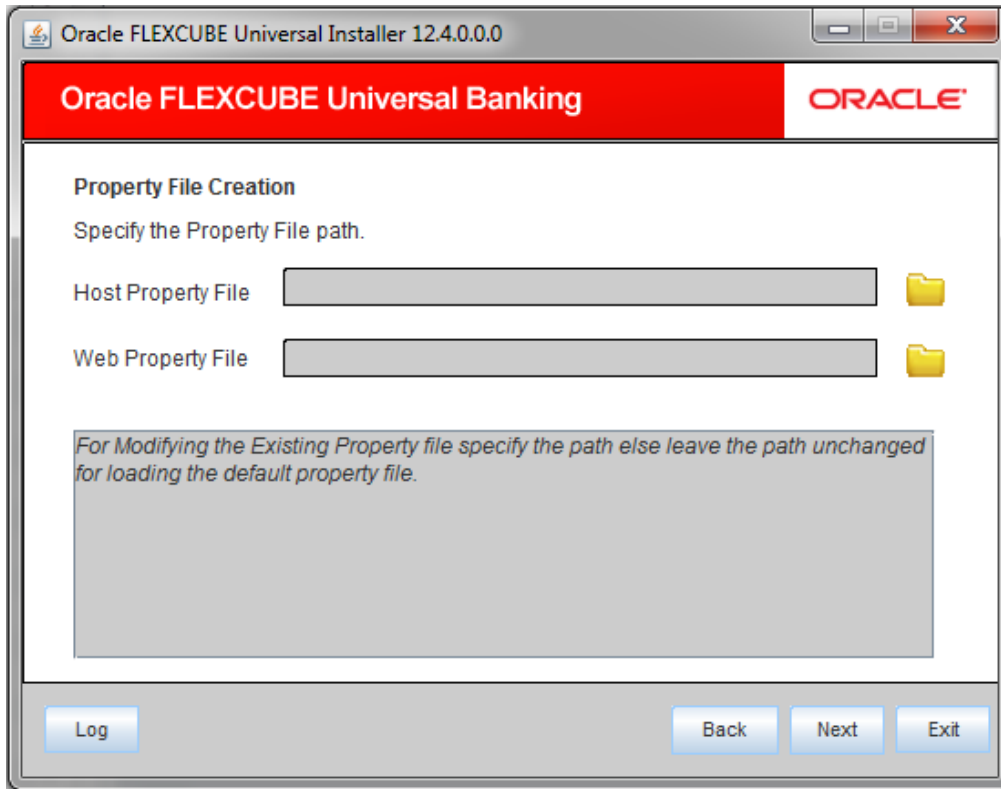Specify the version of the operating system for decentralized installation.

Application Server

Specify the application server for decentralized installation.

Version

Specify the version of the application server for decentralized installation.

23. Click 'Next' and the following screen is displayed:
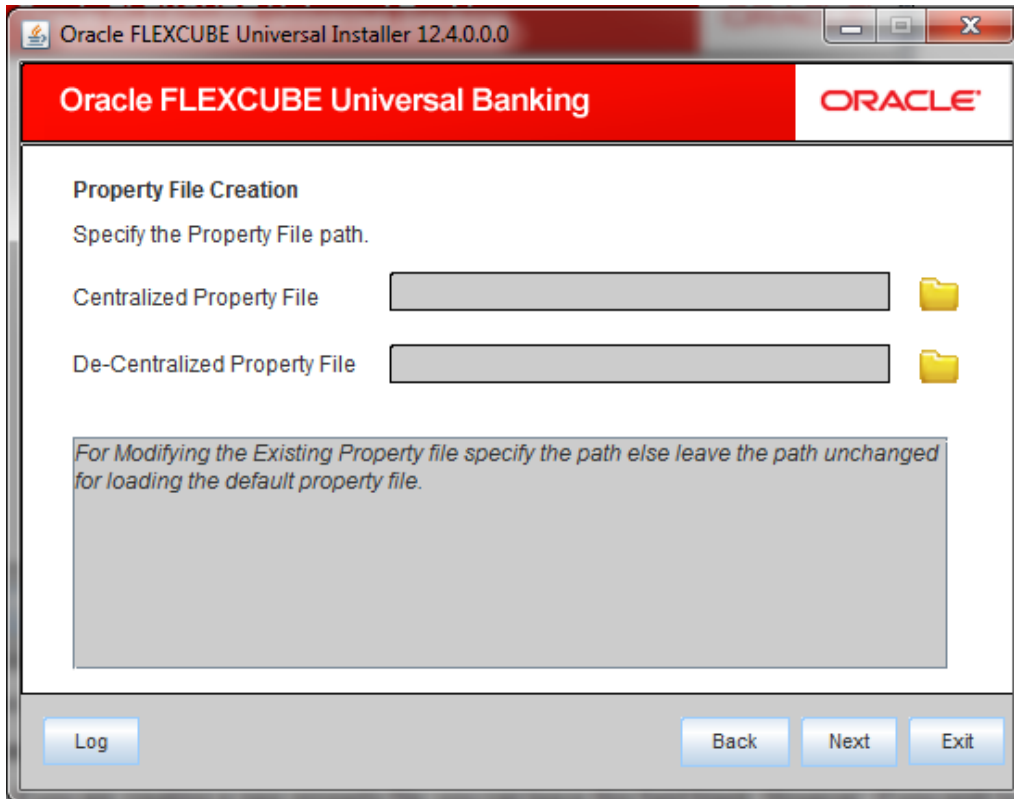
Specify the following details:

Host Property File

If you are creating a new property file, you can leave this field blank. However, if you wish to modify an existing property file, specify the location. You can use the directory button 📁 to browse and select the directory.

Web Property File

If you are creating a new property file, you can leave this field blank. However, if you wish to modify an existing property file, specify the location. You can use the directory button 📁 to browse and select the directory.

24. In case of **hybrid deployment**, the following screen is displayed:

Specify the following details:

Centralized Property File

 If you are creating a new property file, you can leave this field blank. However, if you wish to modify an existing property file, specify the location. You can use the directory button 📁 to browse and select the directory.

Decentralized Property File

 If you are creating a new property file, you can leave this field blank. However, if you wish to modify an existing property file, specify the location. You can use the directory button 📁 to browse and select the directory.
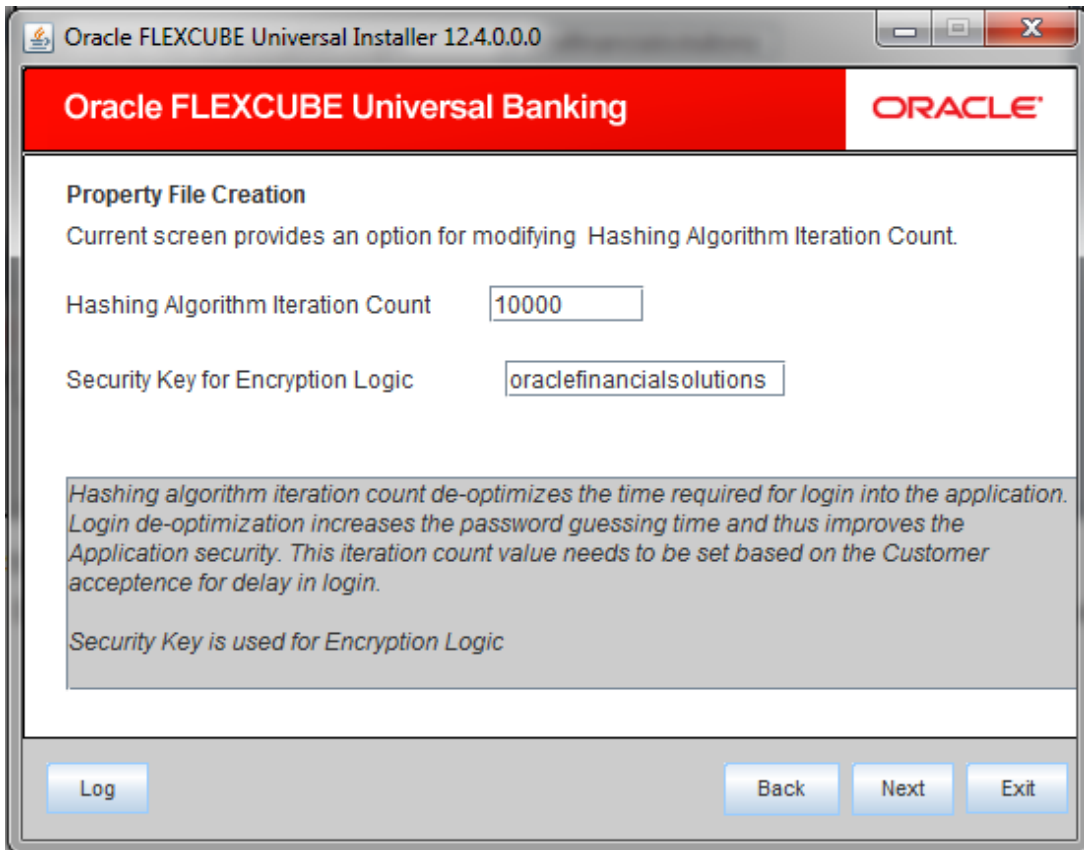
25. Click 'Next' to continue.

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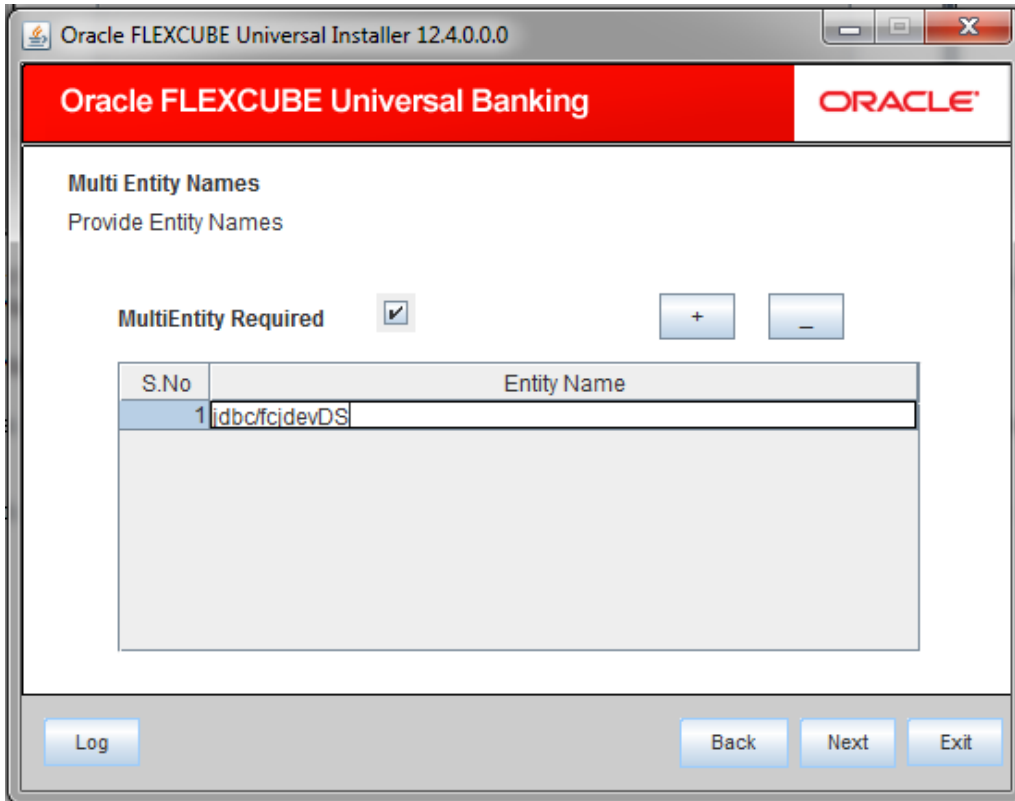
If MultiEntity Required – Enable the Check box and add the rows.Provide the Required Entity Name.

🛑 Note the following:

- If all the modules maintained in Single Schema then particularly for ELCM, MultiEntity should be enabled and need to maintain a Entity record.
- For more than one schema, MultiEntity requires more than one entity record accordingly maintained and mapped.
- Entity ID entered should be a valid non XA Jndi name maintained in the Application server.

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'SYMMETRIC KEY' is the key (exact 24 characters) for all encryption logic.

26. Once you have specified the details, click 'Next' to continue and following screen is displayed:
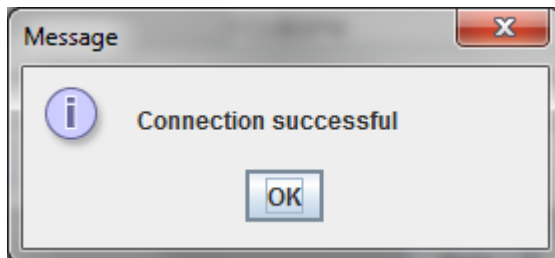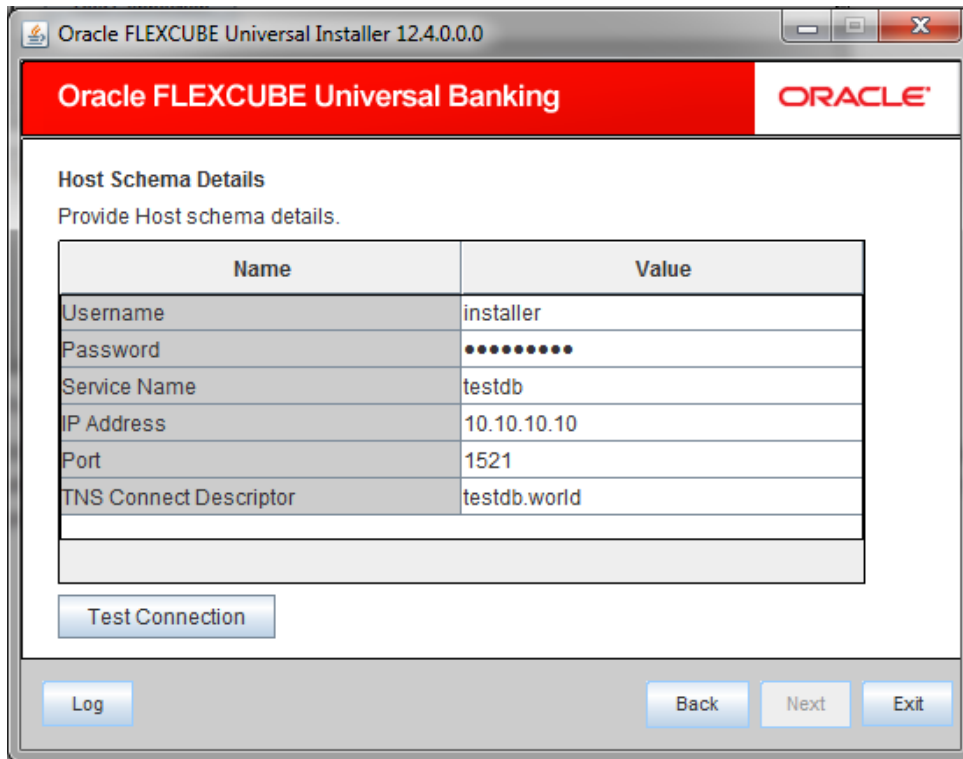
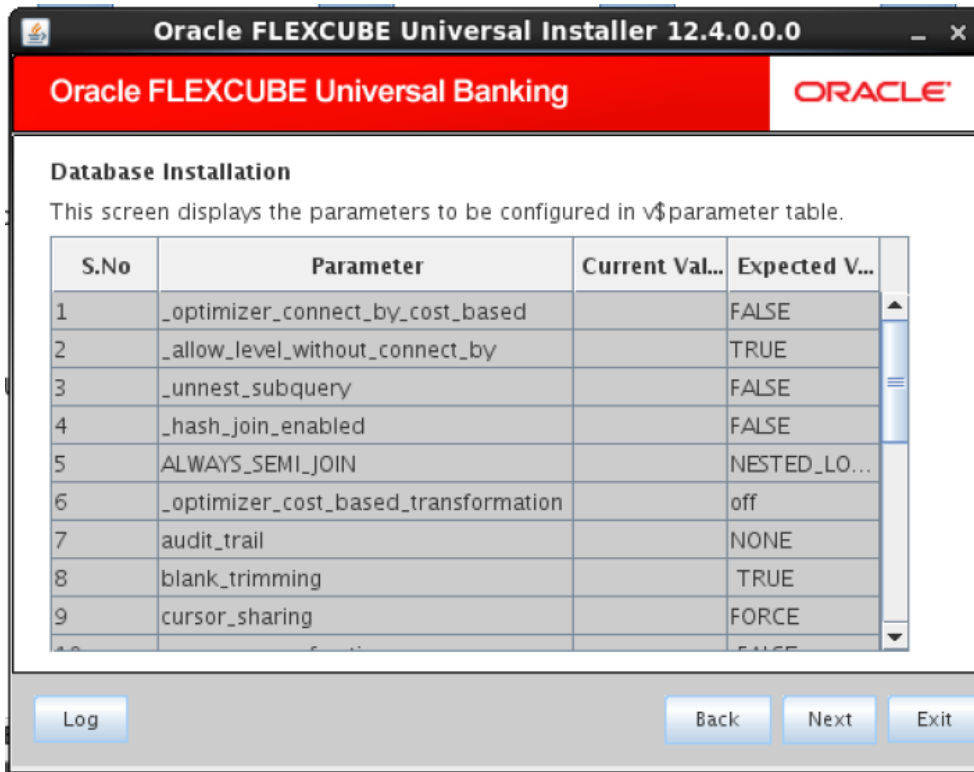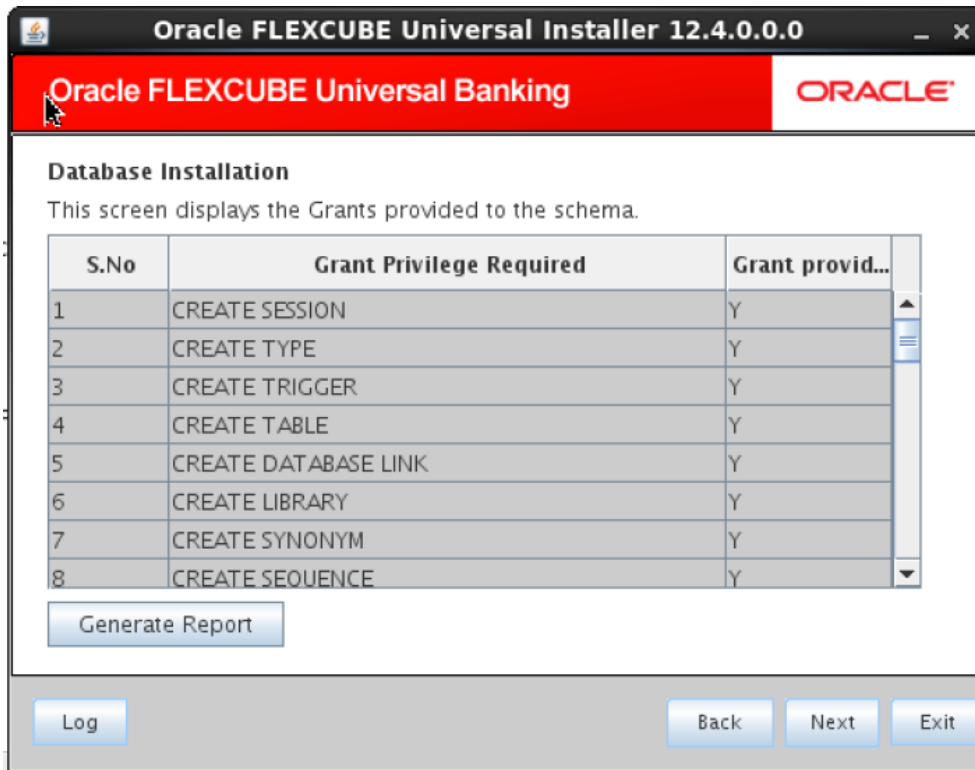Provide the schema details to capture the credentials which will be used for DB Compilation.

Once the connection is successfull env.properties file present in path
INSTALLER→SOFT→GUI→logs→env.properties will get updated with schema details in encrypted format.

Click Next the following screen is displayed.

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Database Installation

This screen displays the parameters to be configured in v$parameter table.

S.No	Parameter	Current Val...	Expected V...
1	_optimizer_connect_by_cost_based		FALSE
2	_allow_level_without_connect_by		TRUE
3	_unnest_subquery		FALSE
4	_hash_join_enabled		FALSE
5	ALWAYS_SEMI_JOIN		NESTED_LO...
6	_optimizer_cost_based_transformation		off
7	audit_trail		NONE
8	blank_trimming		TRUE
9	cursor_sharing		FORCE

Click Next the following screen is displayed.

Click 'Generate Report'.

Installer will generate basic list of grants required to be executed in schema, these grants should be applied on schema before database object loading

Click 'Next'.

Scenario for Single Entity:

- Here Entity Schema is mandatory, atleast minimum one entry should be provided.
- Entity Id value is default i.e. 'ENTITY_ID1' for first entry.
- Provide the JNDI Name for the ENTITY_ID1.
- Give the Schema Details for the Entity1.
- Here Compile In All Entities Field is 'N'. (As using the Single Entity Concept).

Scenario for More than One Entity, i.e. 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.

After providing all the multi-entity details, click 'Next' and the following screen is displayed.
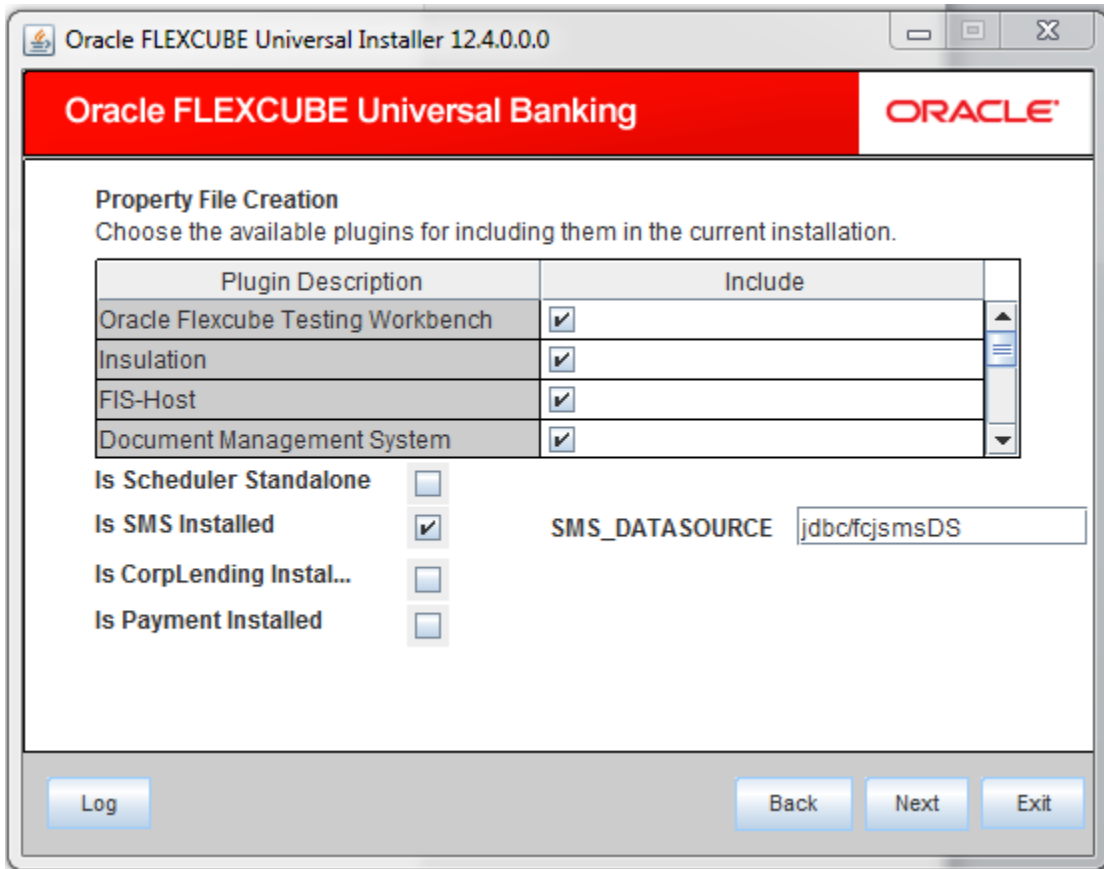
27. You need to select the plug-ins to be included in the installation. Check the box against the required plug-ins. The following plug-ins are available for Oracle FLEXCUBE:

Oracle FLEXCUBE Testing Workbench (OFTW)

- o Insulation
- o FIS-Host
- o Document Management System
- o Bank in a Box
- o Branch
- o Reports
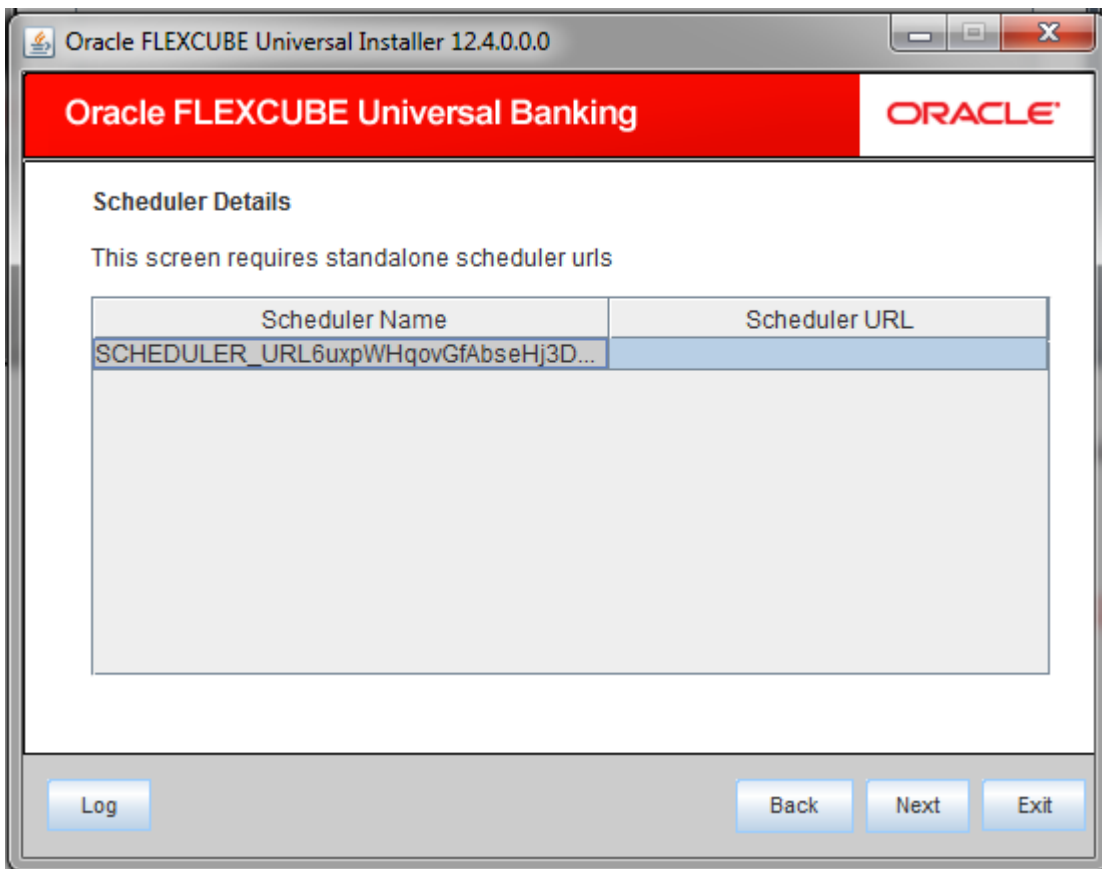- o Scheduler
- o BPEL
- o FGL

28. If scheduler is required then, one can chose if scheduler is required as standalone.

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29. If scheduler is required as a standalone application then "**Is Scheduler Standalone**" check box has to be checked and provide the mandatory URL value. Note that, OFTW plugin is not allowed for Standalone Scheduler.

30. If CorpLending is required, then **"Is CorpLending Installed"** check box has to be checked.

31. If Payment is required, then **"Is Payment Installed"** has to be checked and PM_ONLINE_JNDI and PM_BATCH_JNDI need to be specified For Payment Installation.

32. Similarly, **Is SMS Installed** has to be checked and JNDI NAME need to specify For SMS Installation.

🛑 Note the following:

- Here SMS_DATASOURCE Name is mapped same as Core_DataSource.
  - Here PM_ONLINE_JNDI and PM_BATCH_JNDI field cannot be NULL.
  - Make sure to create all the JNDIs in the application server before application deployment.


- **Scheduler URL**: The value for the URL should be the scheduler URL that will be available once scheduler application is deployed.

- If Scheduler is standalone, property file and EAR for standalone scheduler has to be built the option available in the installer (Refer Scheduler_Property_File_Creation.pdf and Scheduler_EAR_Building.pdf)
- The Installer allows you to set the properties for the selected plug-ins only.

1.2.3 Setting Common Properties

This section describes the process of setting common properties of Oracle FLEXCUBE Payments.

The installer displays the 'Common Properties' screen.
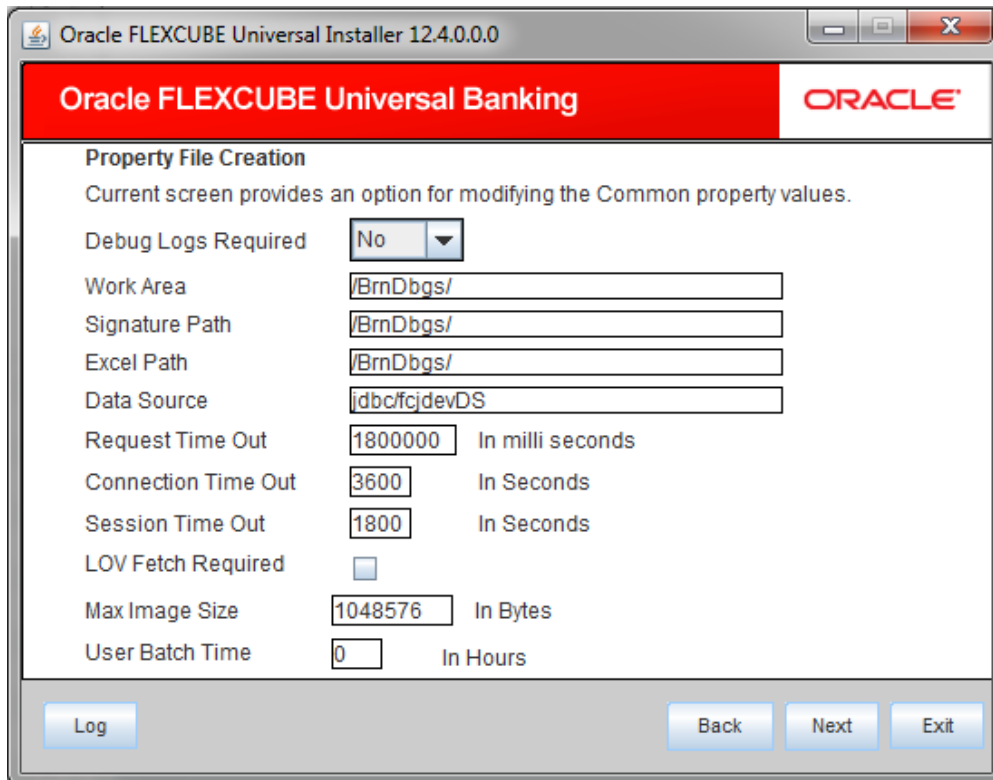
33. Specify the following details:

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.

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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

Specifies the maximum image size that can be uploaded. The default size is 1048576 in bytes.

Click 'Next' and the following screen is displayed:

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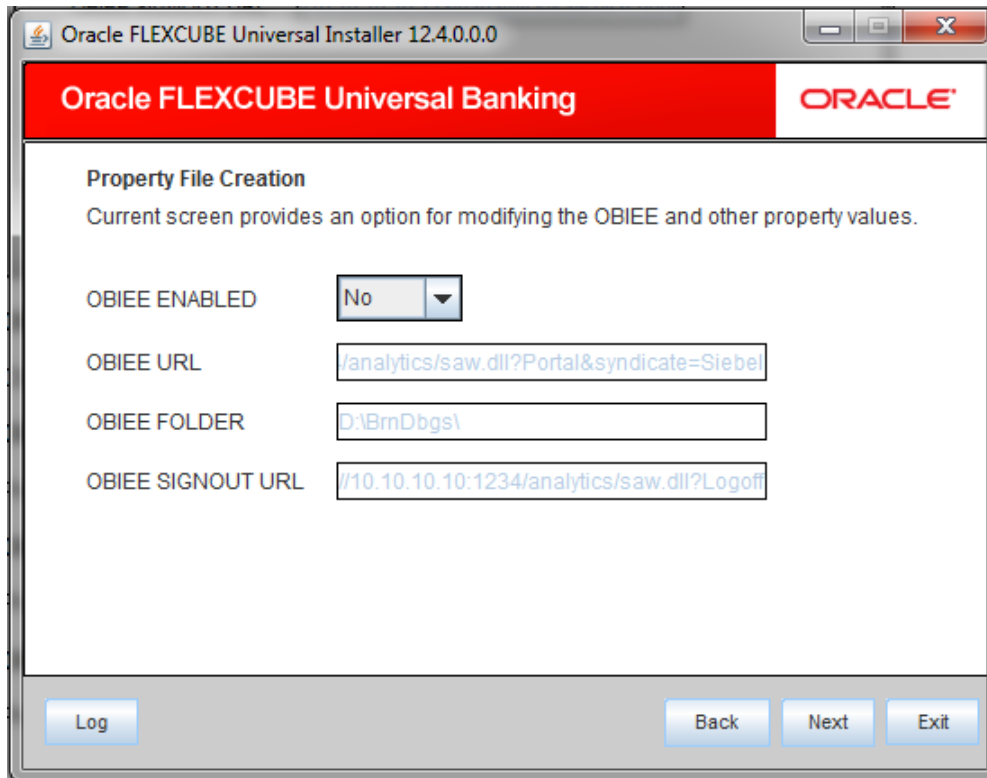
OBIEE Enabled

Chose Yes/No from the drop down box.
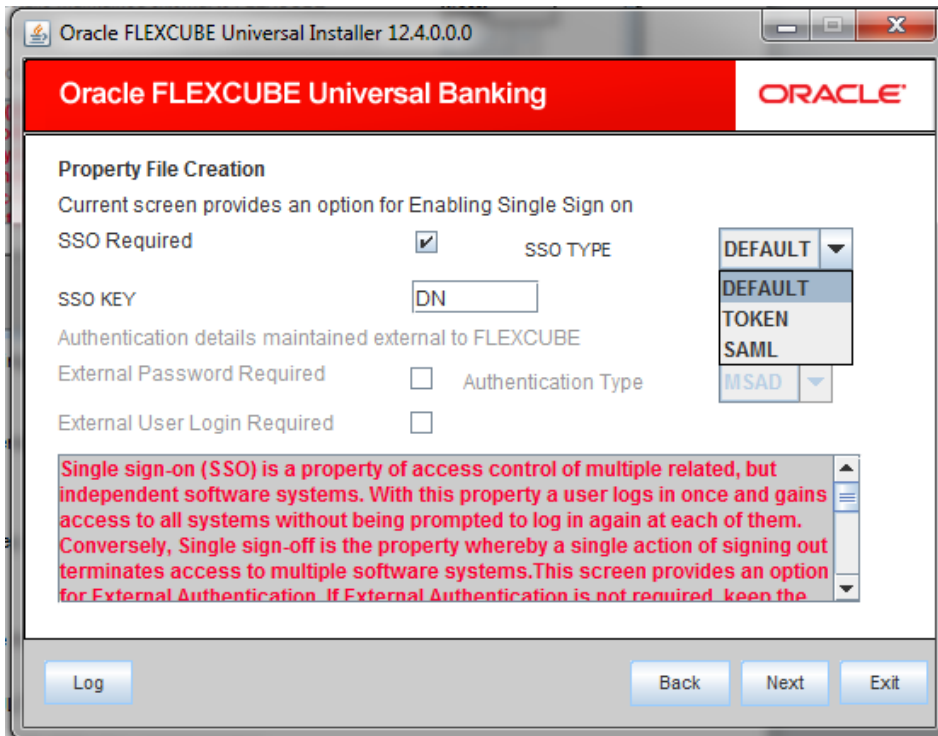
OBIEE URL

Provide OBIEE URL path.

OBIEE Folder

Provide a folder path at the application server level.

OBIEE SIgnout URL

Provide OBIEE signout URL.

34. Specify the following details:

SSO Required

Check this box to enable single sign-on (SSO). If you check this box, you need to enter the SSO Key.

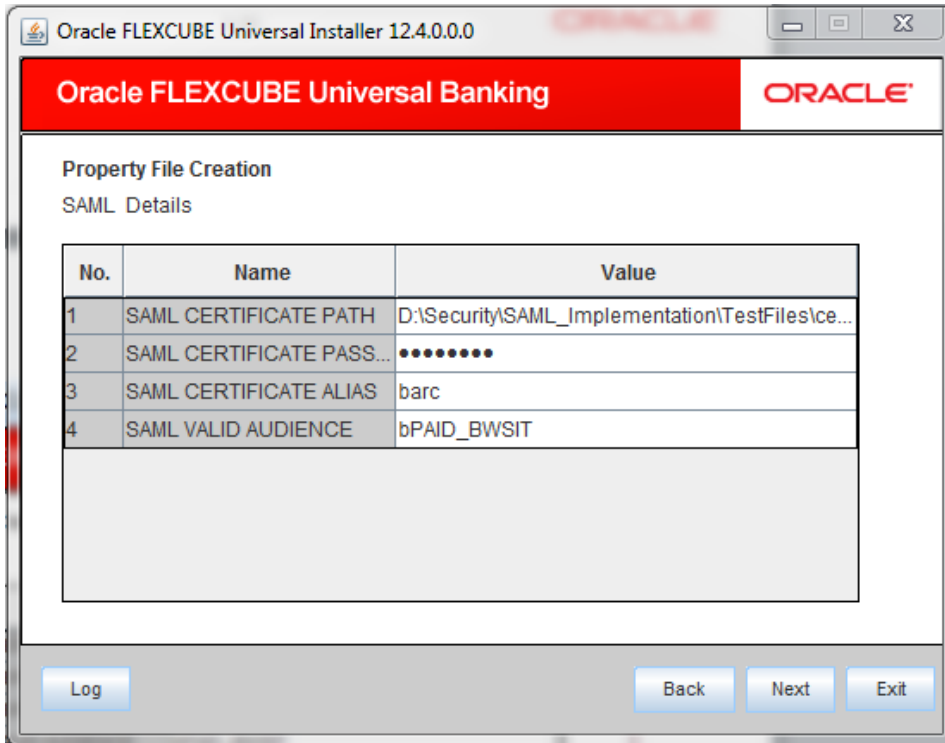**SSO Type**

Specify the SSO Type from the list of following:

DEFAULT

TOKEN

SAML

By default, 'DEFAULT is selected; however, you can change it.

IF SAML is selected, the following screen appears

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SSO Key

Specify the SSO key. If you have checked the box 'SSO Required', it is mandatory to specify the SSO key.

If you have checked the box 'SSO Required', the Installer skips the following two screens and directly navigate to the SSL screen shown below in this manual.

If you have not checked the box 'SSO Required', then on clicking the 'Next' button, the screen for enabling SSL options is displayed:

ORACLE
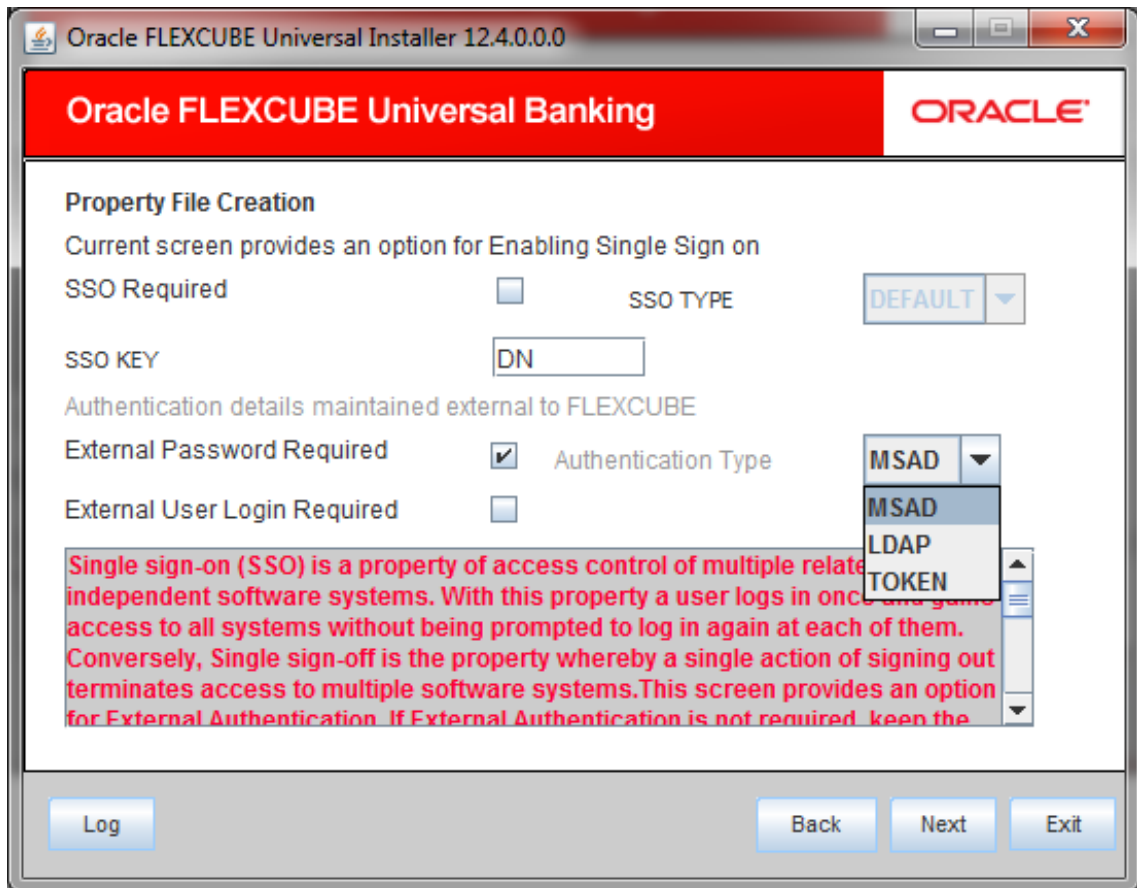
External Password Required

Check this box to allow the user-login using MSAD/LDAP/TOKEN password irrespective of the user ID. If you check this box, the user ID can be either the MSAD/LDAP/TOKEN user ID or the FCUBS user ID. And the password can be MSAD/LDAP/TOKEN server password only.
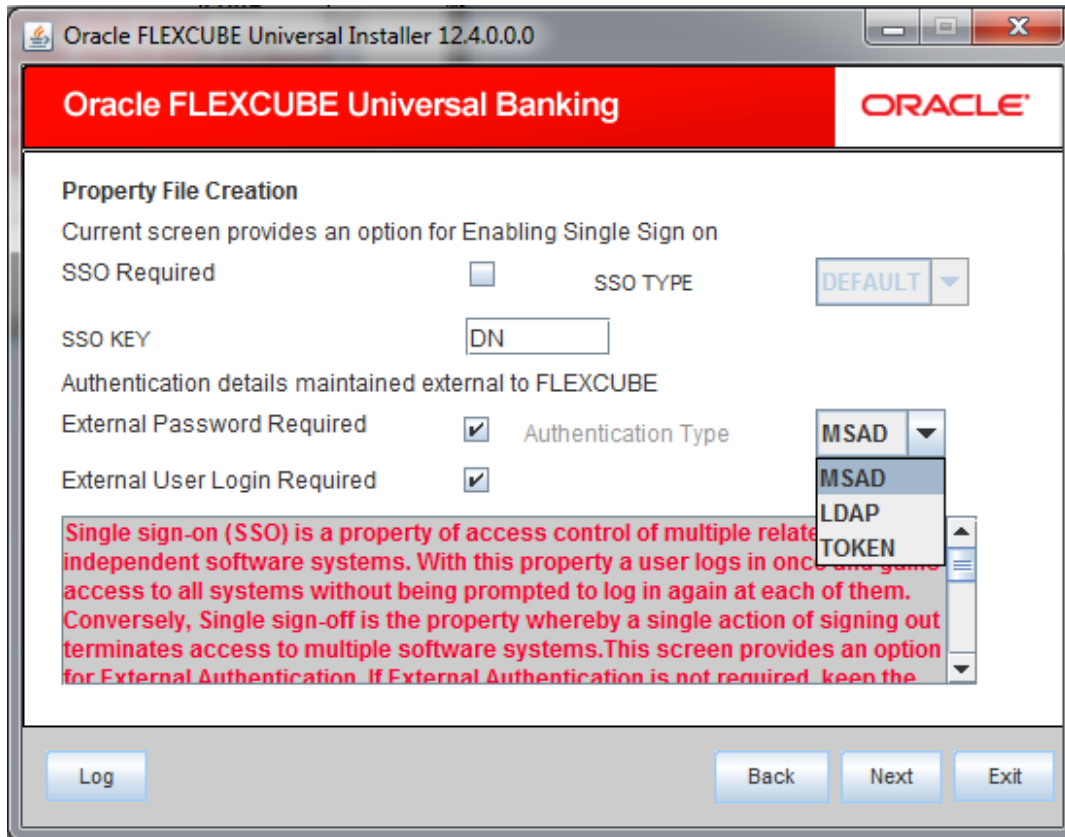
By default, this check box is unchecked. However, you can change this.

If you do not check this box, the installer skips the following screen and directly navigates you to the SSL screen shown below in this manual.

If you check the box, then click 'Next' and the following screen is displayed:

External User Login Required

Check this box to enable user login using MSAD/LDAP/TOKEN user ID. If you check this box, the user can login using MSAD/LDAP/TOKEN server user ID as well as using FCUBS user ID.

If you do not check this box, the user can login using FCUBS user ID only.

By default, this check box is unchecked. However, you can change this.

🛑 '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. You can select one of the following options:

- MSAD (Microsoft Active Directory)
- LDAP (Lightweight Directory Access Protocol)
- TOKEN

By default, 'MSAD' is selected; however, you can change it.

Click 'Next' and the following screen is displayed:

ORACLE
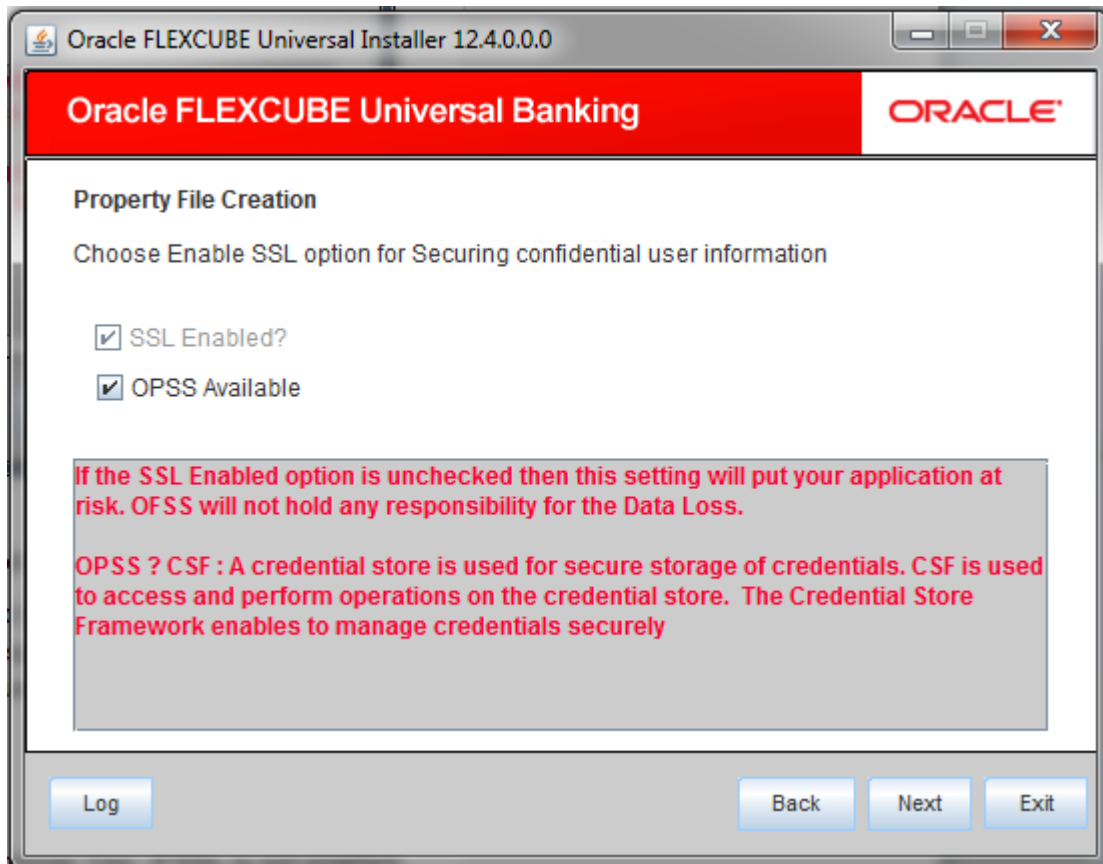
35. Specify the following details.

OPSS is available only for weblogic and is not supported for Websphere.

IF OPSS available is checked for weblogic, the symmetric key is not stored in the property file for security reasons. If OPSS available is unchecked, the symmetric key is available in the property file and a warning message is displayed to the user.

SSL Enabled

SSL Enabled is checked by default.

Click 'Next' and the next screen gets displayed.

1.2.4 <u>Setting Language Properties</u>

This section describes the process of setting language packs of Oracle FLEXCUBE.

The system displays the following screen.
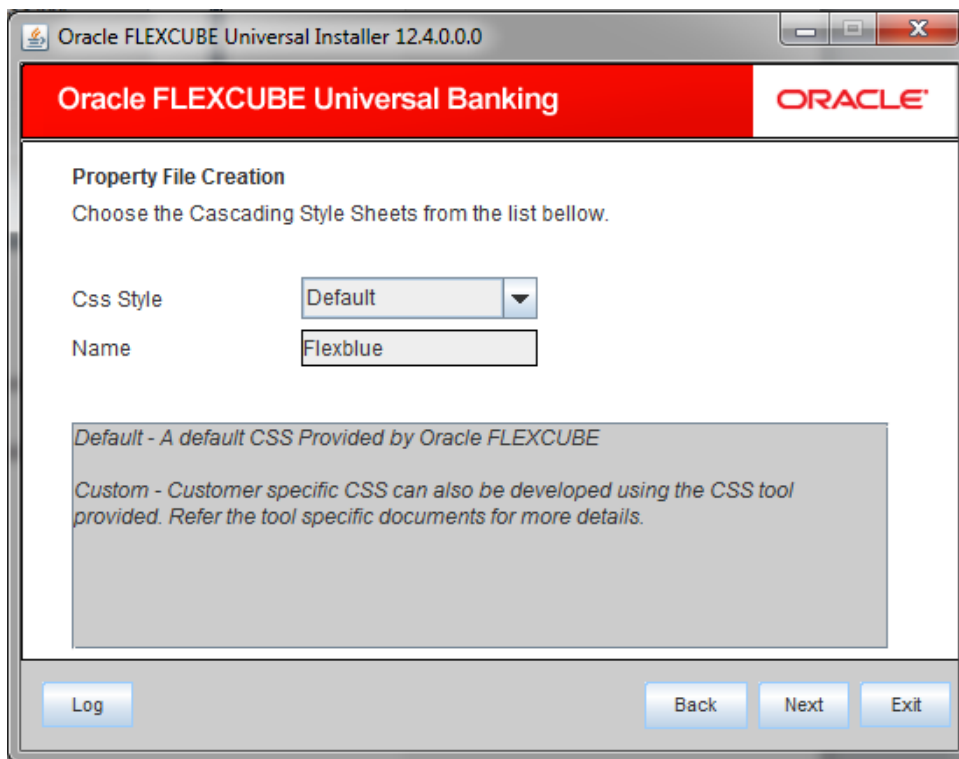
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36. Specify the following details.

Language

Specify the language in which you wish to see Oracle FLEXCUBE UBS. 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.

For example: FLEXCUBE UBS

Version

Specify the application version.

For example: 12.4.0.0.0

Copy Rights

Specify the copyright details.

For example: Oracle FLEXCUBE Universal Banking Copyright © 2007, 2017, Oracle and/or its affiliates. All rights reserved.

37. Once you have specified the details, click 'Next' and the system displays the CSS setting screen.

1.2.5 <u>Setting CSS Style</u>

This section describes the process of setting CSS style.

System displays the following screen:

38. Specify the following details:

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 along with Oracle FLEXCUBE
- Custom – select this to apply a custom style

Name

Specify the name of the CSS style.

39. Once you have specified the above details, click 'Next' and system displays Setting Email Details screen,

1.2.6 <u>Setting Email Details</u>

This section describes the method to configure email details.

The following screen is displayed:
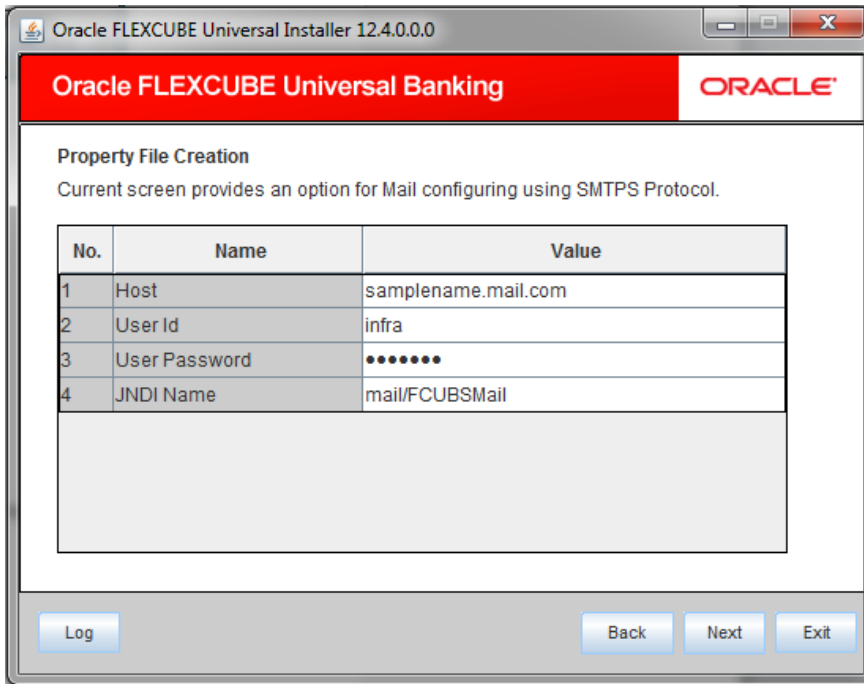
40. Specify the following details.

Host

Specify the SMTP host name.
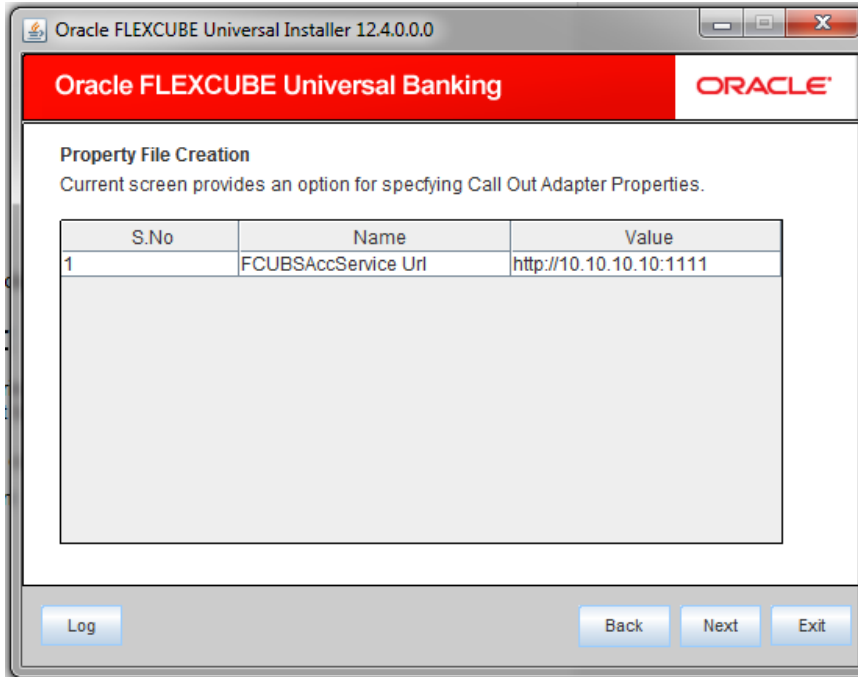
User ID

Specify the user ID.

User Password

Specify the user password.

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JNDI Name

Specify the JNDI name.

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

Specify Call Out Adapter Properties. By default, Name is given as 'FCUBSAccService Url' and Value as 'http://10.10.10.10:1111'. Value can be modified as required.
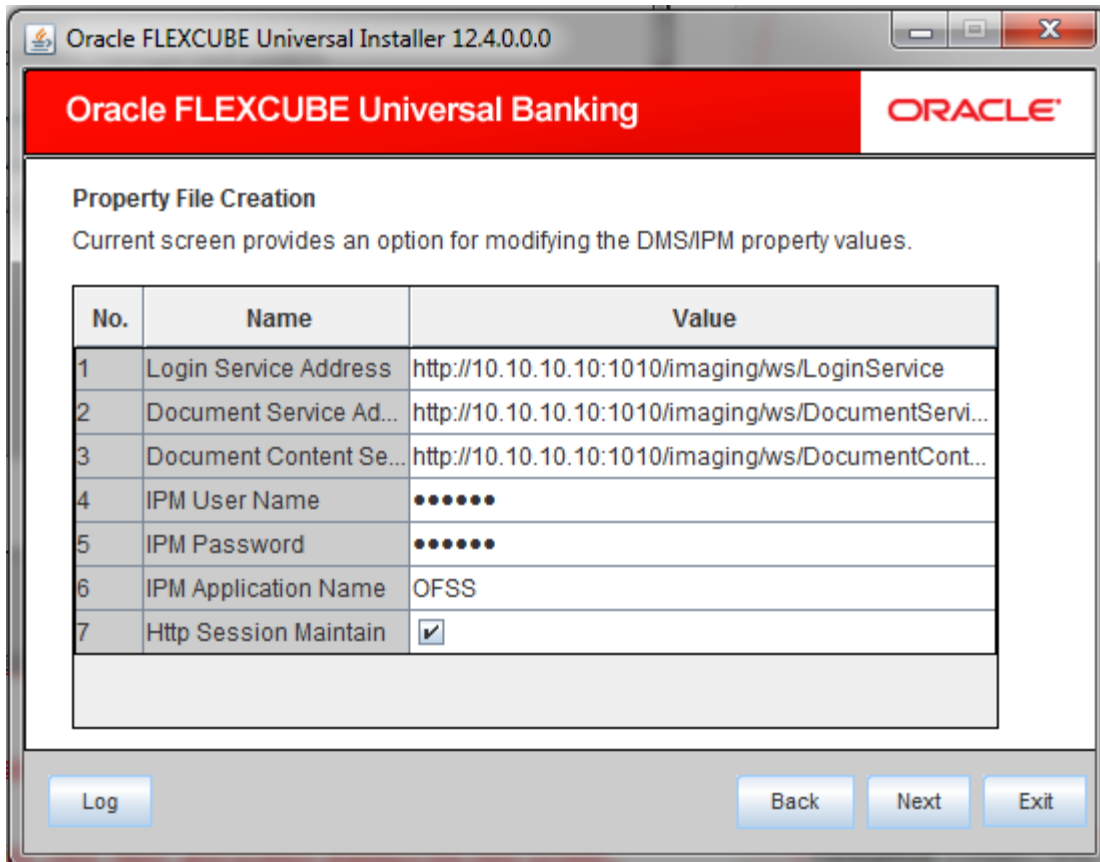
Once you have specified the above details, click 'Next' and system displays the next screen.
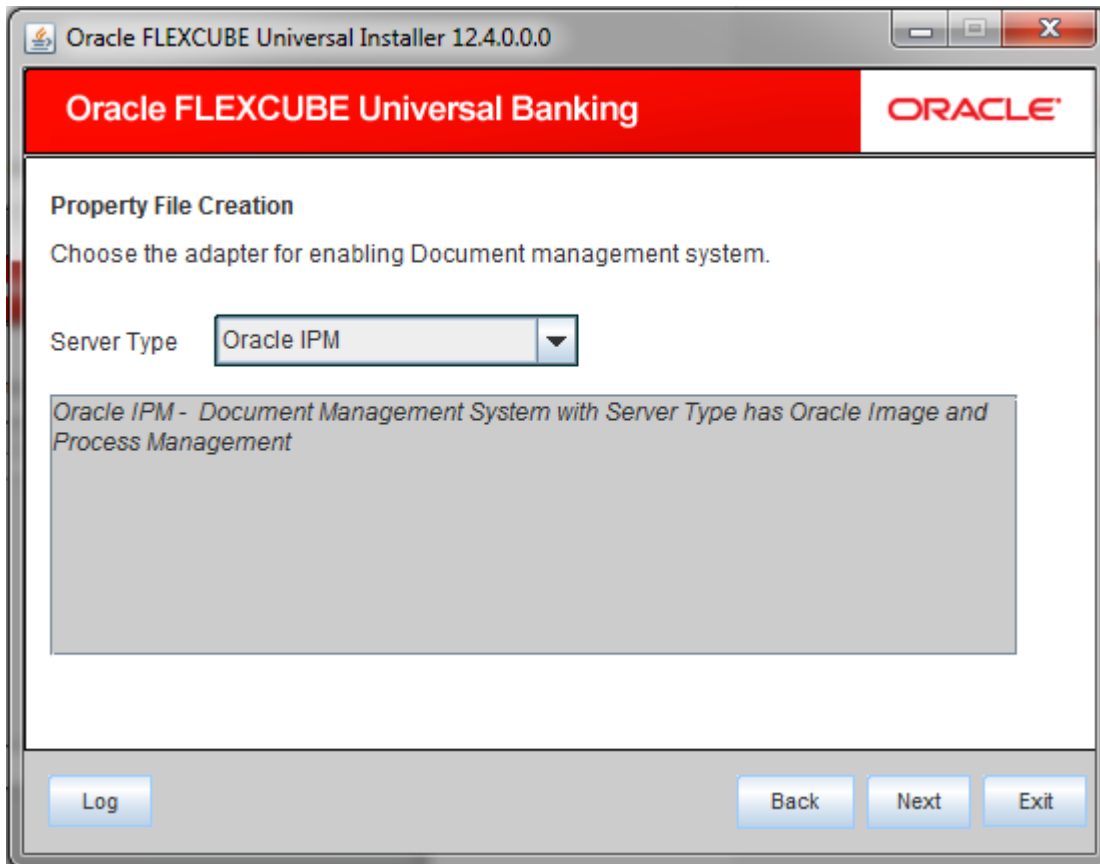
Choose the adapter for enabling Document Management system. Select the Server Type from the provided list.

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

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Property File Creation

Current screen provides an 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 Ad...	http://10.10.10.10:1010/imaging/ws/DocumentServi...
3	Document Content Se...	http://10.10.10.10:1010/imaging/ws/DocumentCont...
4	IPM User Name	••••••
5	IPM Password	••••••
6	IPM Application Name	OFSS
7	Http Session Maintain	✔

Log   Back   Next   Exit

For the above screen specifications, please refer the default installation.

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

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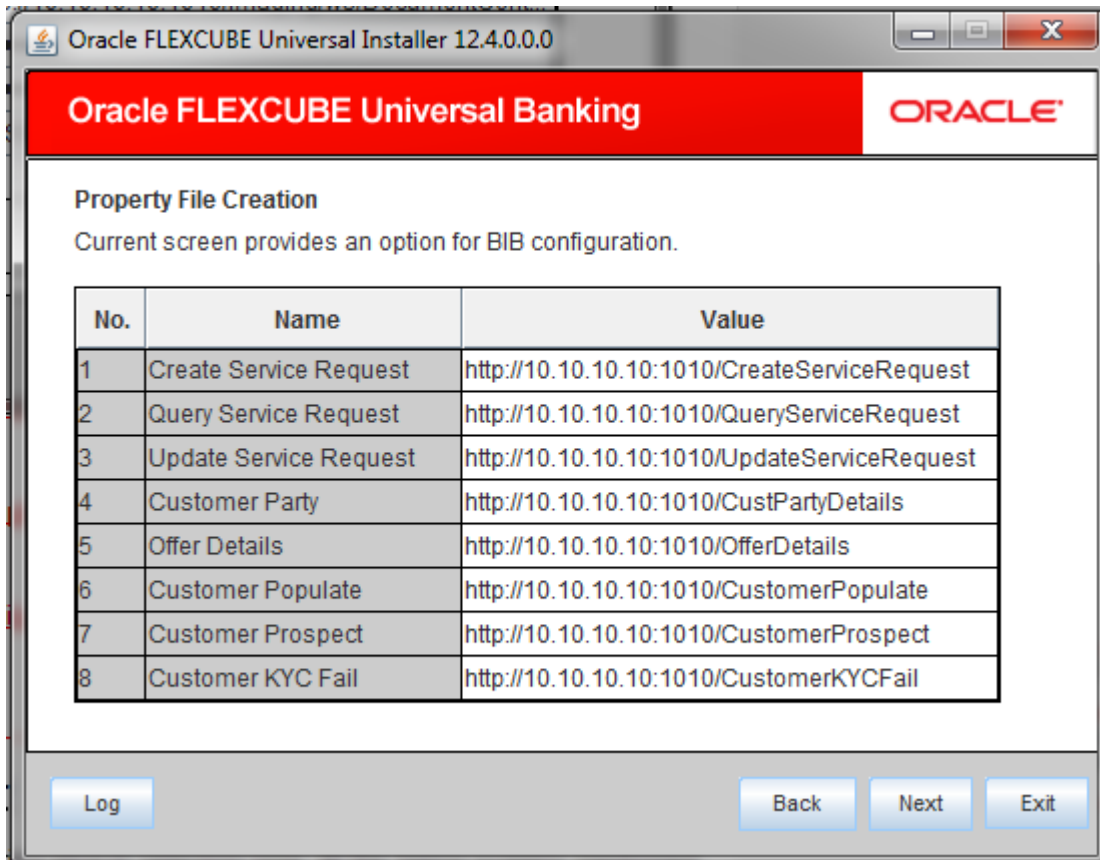
For the above screen specifications, please refer the default installation.

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

1.2.7 Configuring Scheduler

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

This section describes the method to configure scheduler data source.

1.   System displays the following screen:
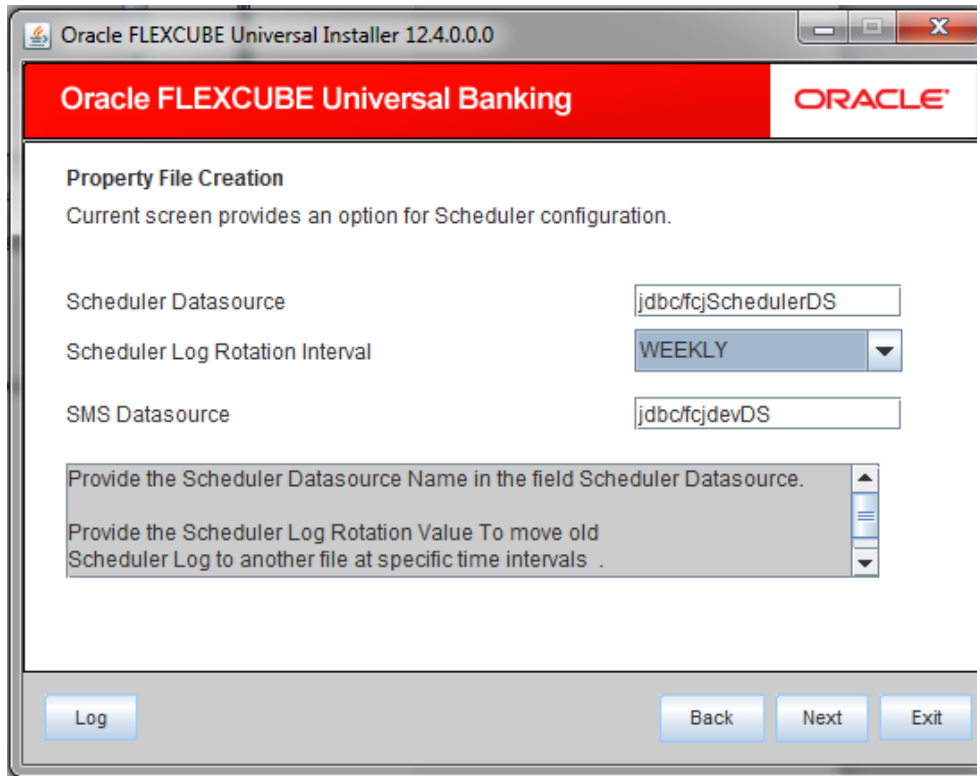
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41. Specify the following details:

Scheduler Datasource

Specify the scheduler datasource which Oracle FLEXCUBE will access.

Scheduler Log Rotation Interval

Select the interval between each rotation of scheduler log. Given options are – DAILY, WEEKLY and MONTHLY.

42. Click 'Next' and the following screen is displayed:
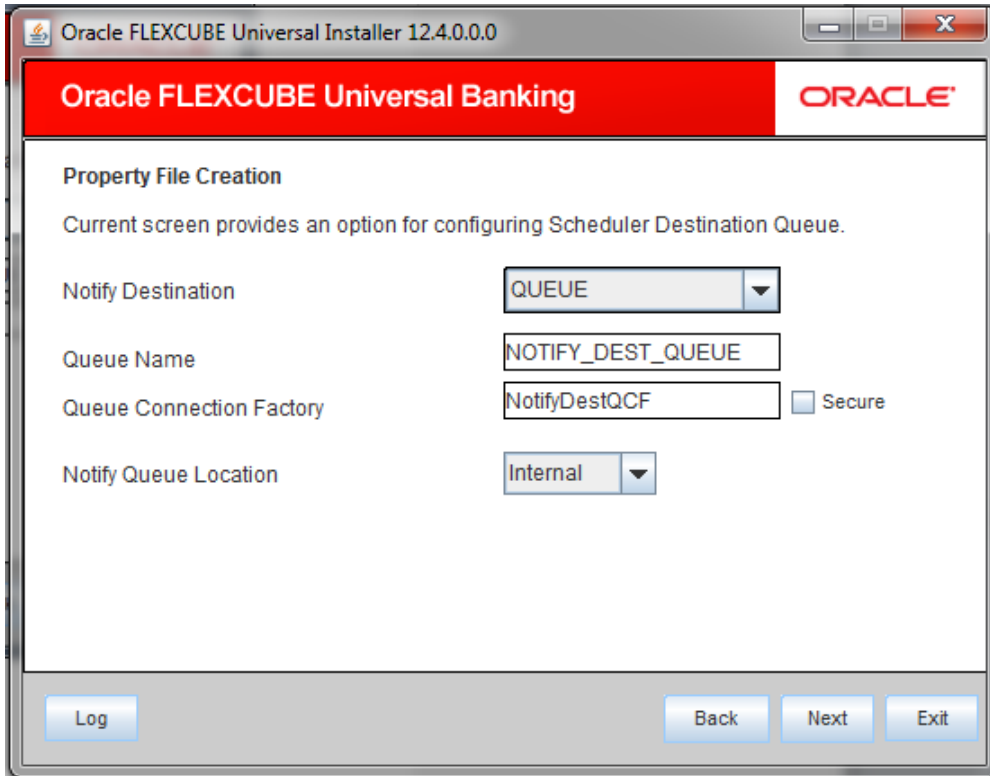
43. Specify the following details:

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 'NotifyDestTCF' 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.

Notify Queue Location

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

- Internal
- External

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

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

45. Specify the following details of the external queue.

Provider URL

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

1010 is the default IIOP port.

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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).
IBM WebSphere	iiop://<ip_adress>:port For example: iiop://10.10.10.10:1010 Here, 1010 represents 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.

46. 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.

47. Specify the following details:

Notify Deffered Queue Name

Set 'DEFFERED_DEST_QUEUE' as the notify differed queue name.
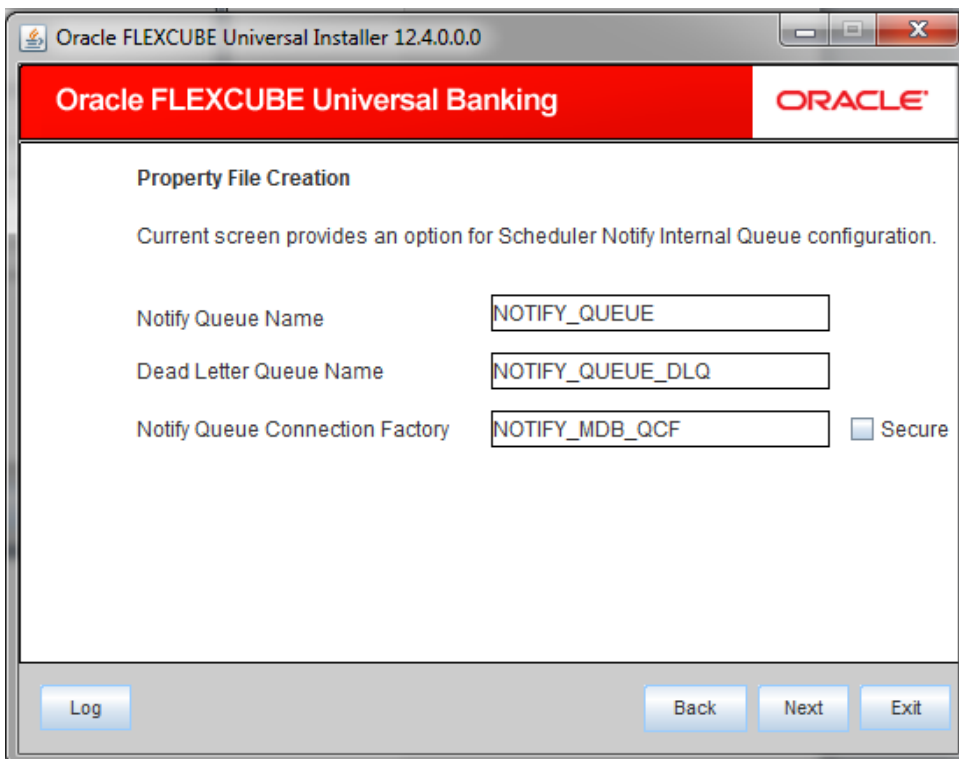
Deffered Queue Connection Factory

Set 'DefferedDestQcf' as the deffered queue connection factory.

Secure

Check this box to indicate that it is a secured deffered 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
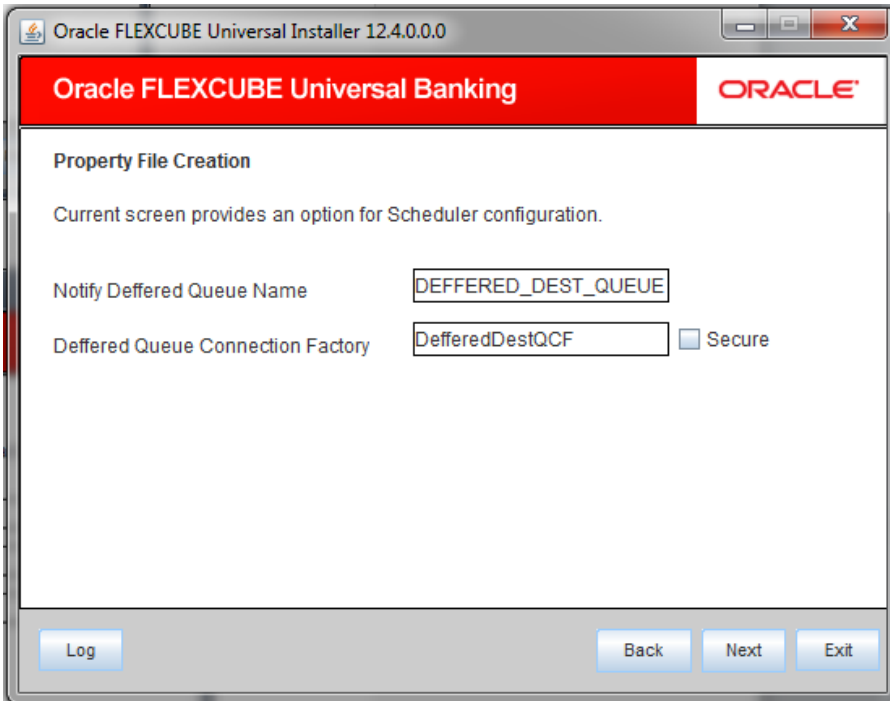
48. Click 'Next' and the following screen is displayed:

49. 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.
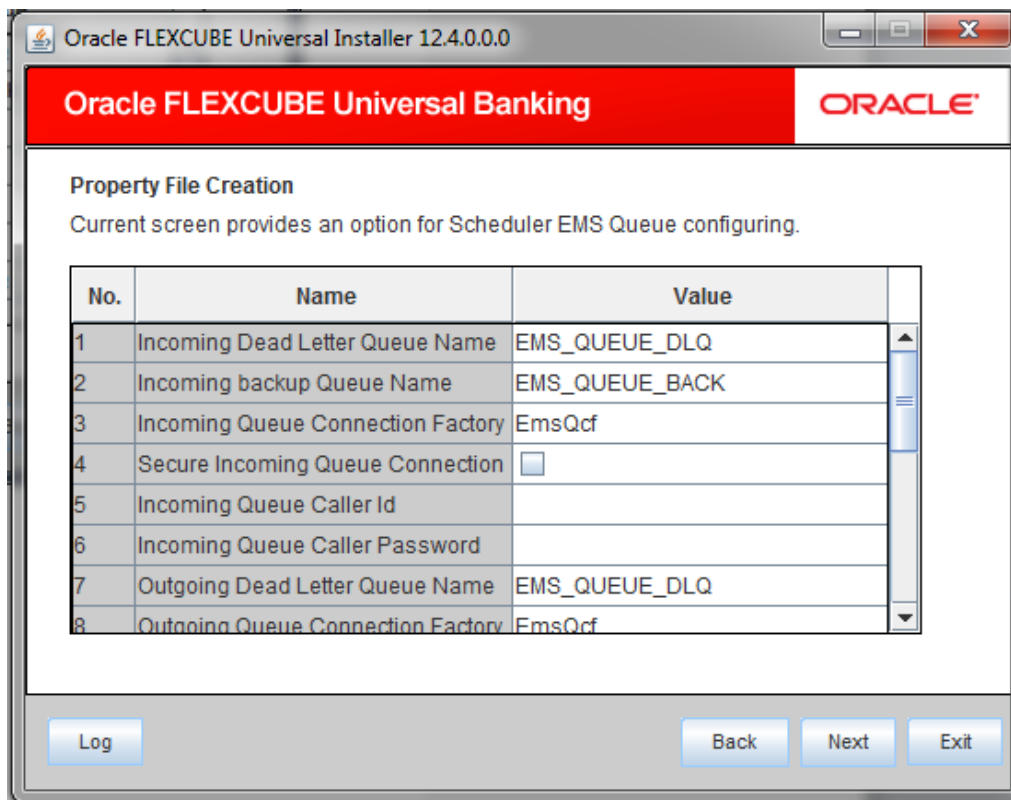
Notify Queue Connection Factory

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.

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

1.2.8 Setting EMS Properties

Specify the following details:

Incoming Dead Letter Queue Name

Set 'EMS_QUEUE_DLQ' as the incoming dead letter queue name.

Incoming Backup Queue Name

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.

'EmsQcf' is given as default value for 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.

'EmsQcf' is given as default value for 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.

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Outgoing Queue Caller Password

Specify the caller Password for the secured queue connection.

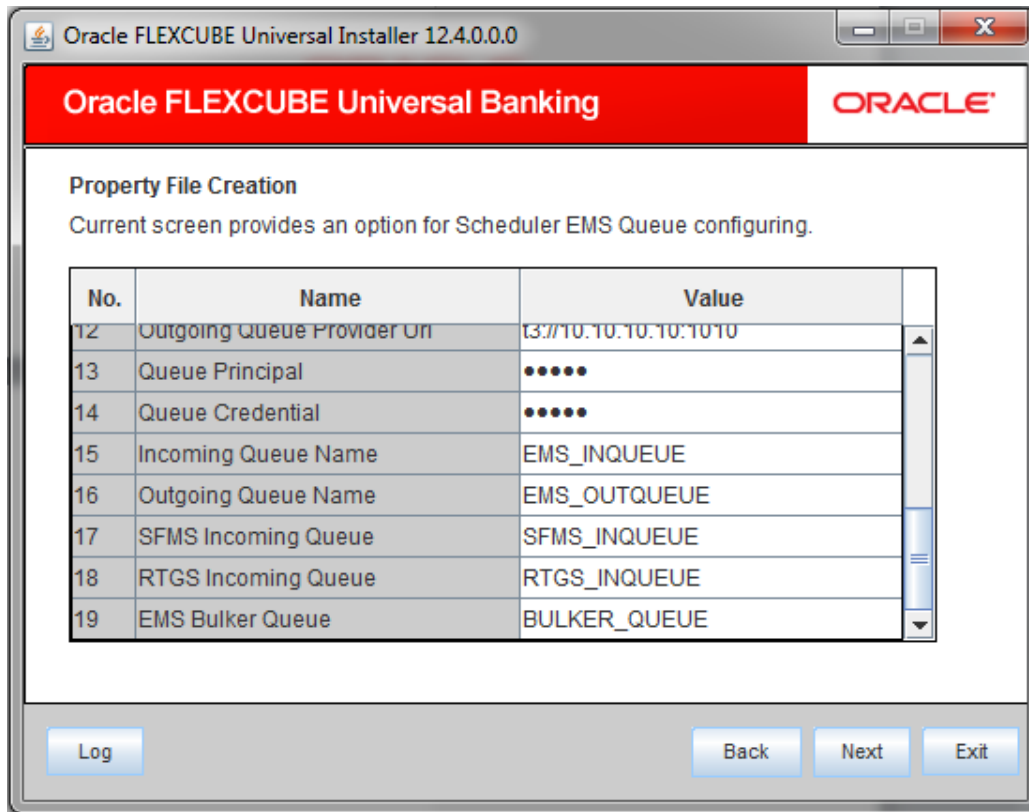**Outgoing Queue Provider URL**

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 are given below:

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).
IBM WebSphere	iiop://<ip_adress>:port For example: iiop://10.10.10.10:1010 Here, 1010 represents the default iiop port

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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.

Outgoing Queue Name

Specify the outgoing queue name for which EMS is configured.

SFMS Incoming Queue

Specify the SFMS Incoming Queue for which EMS is configured.

RTGS Incoming Queue

Specify the RTGS incoming Queue for which EMS is configured.

EMS Bulker Queue

Specify the Bulker Queue name as **BULKER_QUEUE**. So that in fcubs.properties file, EMS_BULKER_QUEUE field gets updated to '**BULKER_QUEUE**' value.

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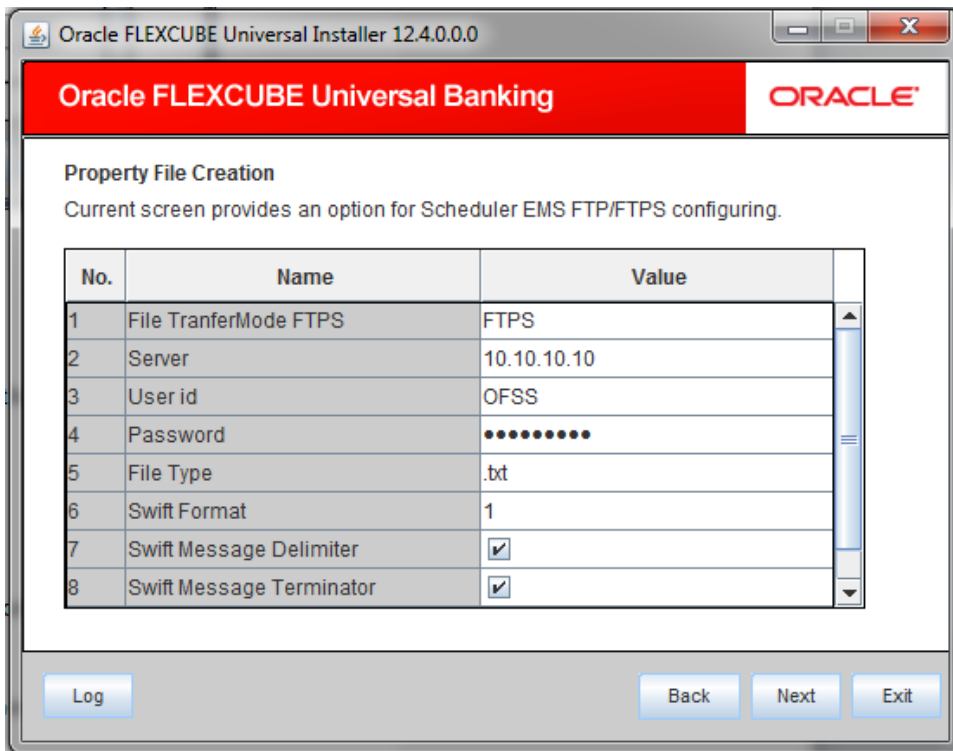
51. Specify the following details:

File Transfer Mode FTPS

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

- FTPS
- SFTP
- HTTP

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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.

52. Once you have specified the above details, click 'Next'. and the following screen is displayed:

53. 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.

54. Once you have specified the above details, click 'Next' and system displays the next screen.
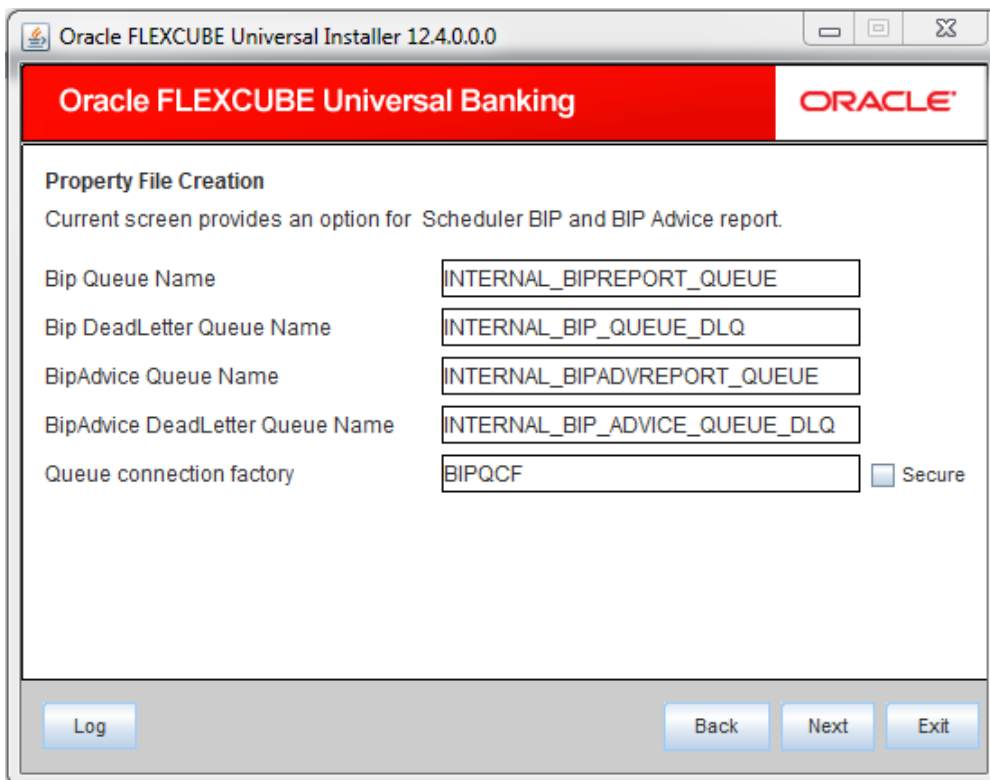
55. Once you have specified the above details, click 'Next' and system displays the next screen.
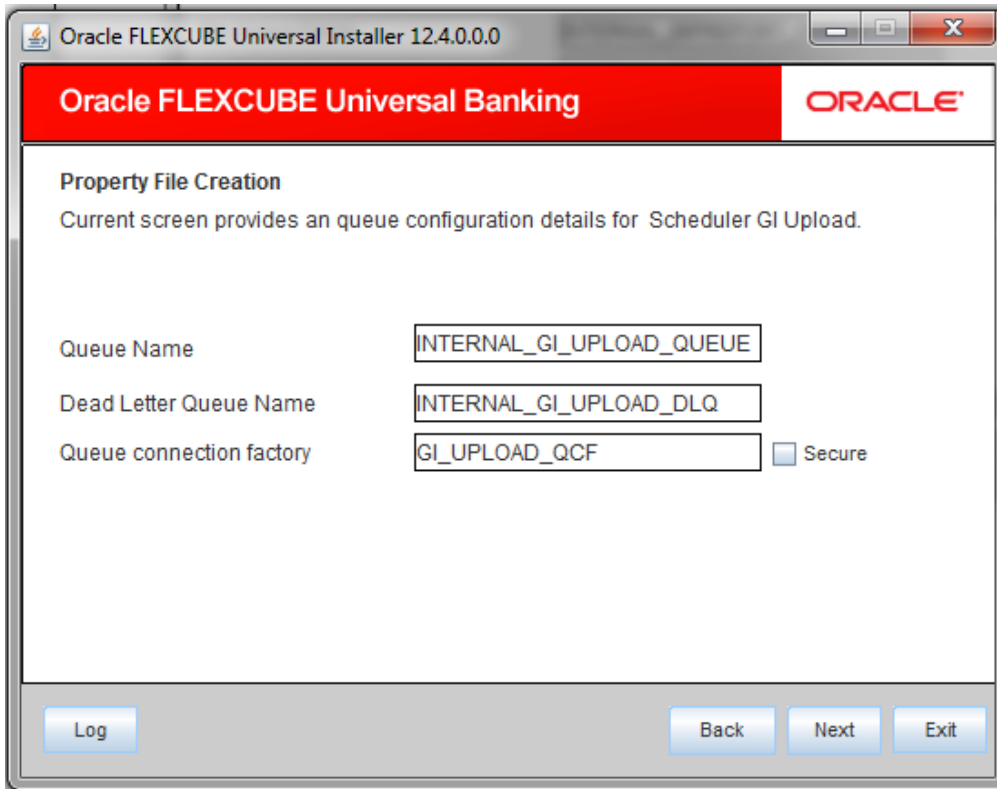
56. Once you have specified the above details, click 'Next' and system displays the next screen.
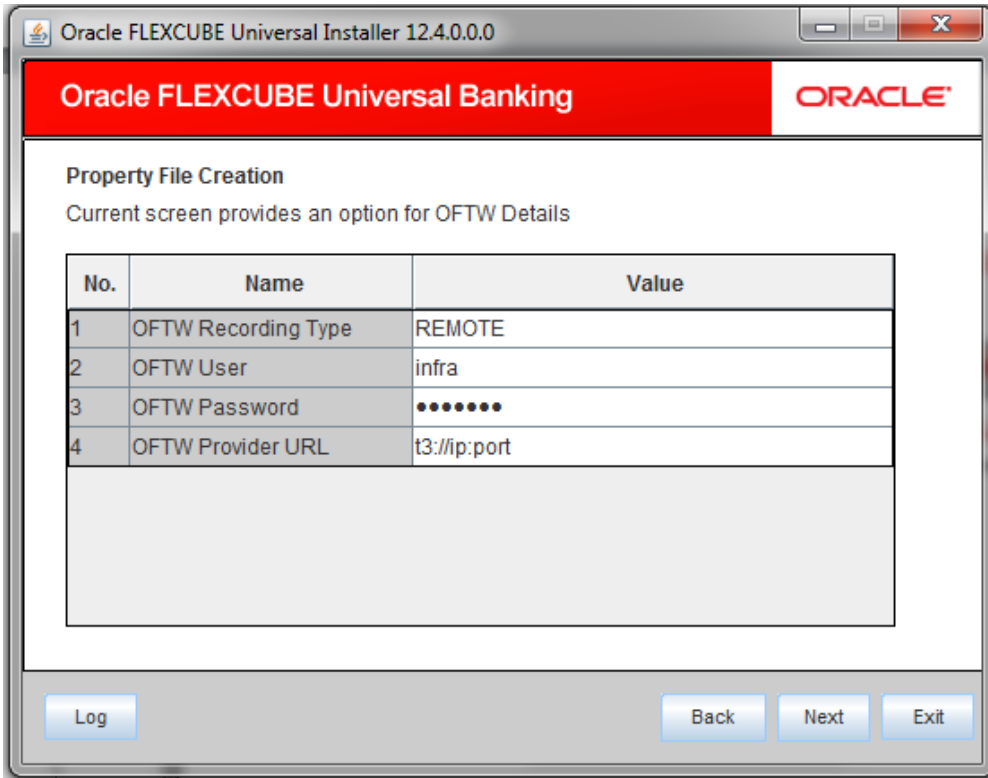
57. Specify the OFTW details. Once you have specified the above details, click 'Next' and system displays the next screen.

1.2.9 Setting Branch Properties
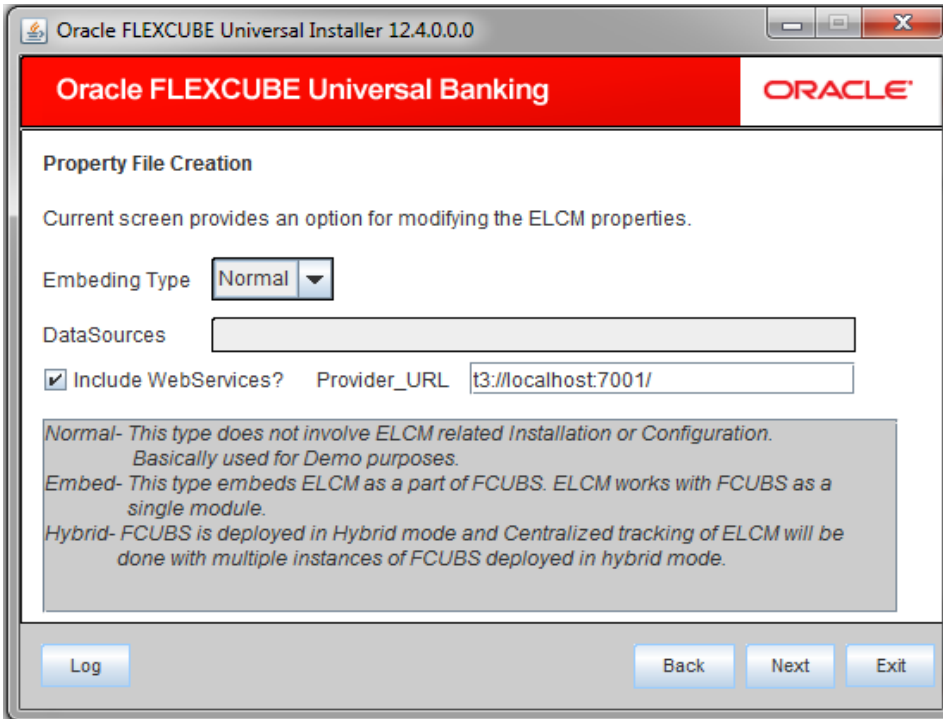
This section describes the branch properties setup.

The following screen is displayed.

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Property File Creation

Current screen provides an option for specfying the XA Datasource for branch.

Data Source | jdbc/fcjDevXADS

XA datasource mentioned will be used for branch specific transactions to make the host and branch entries in a single transaction.

Log   Back   Next   Exit
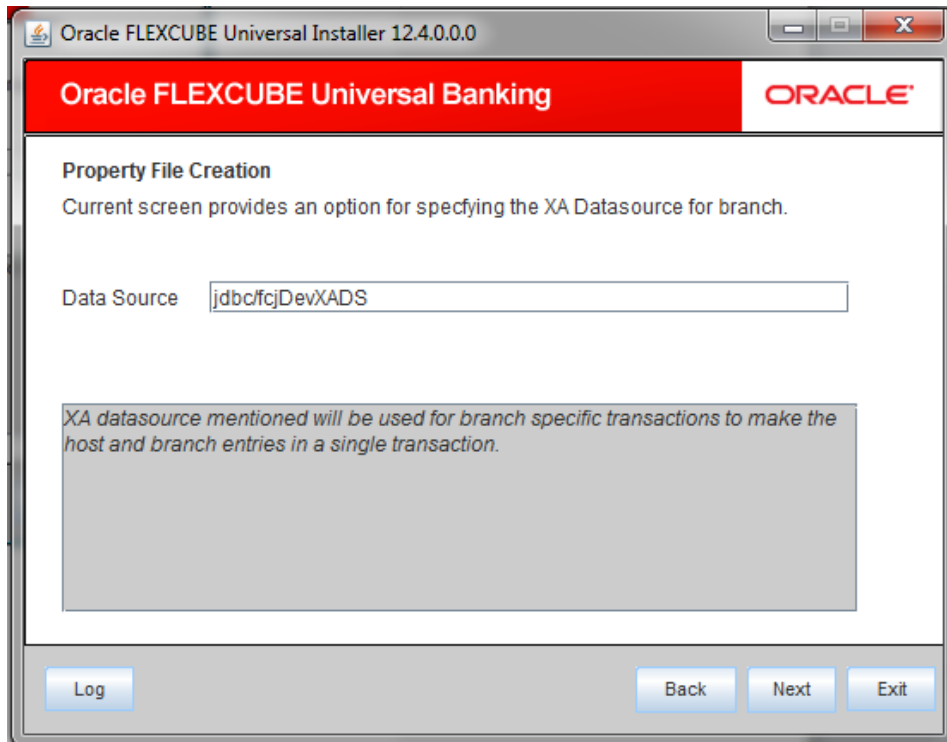
58. Specify the XA datasource for branch.

59. Click 'Next'. The following screen is displayed.
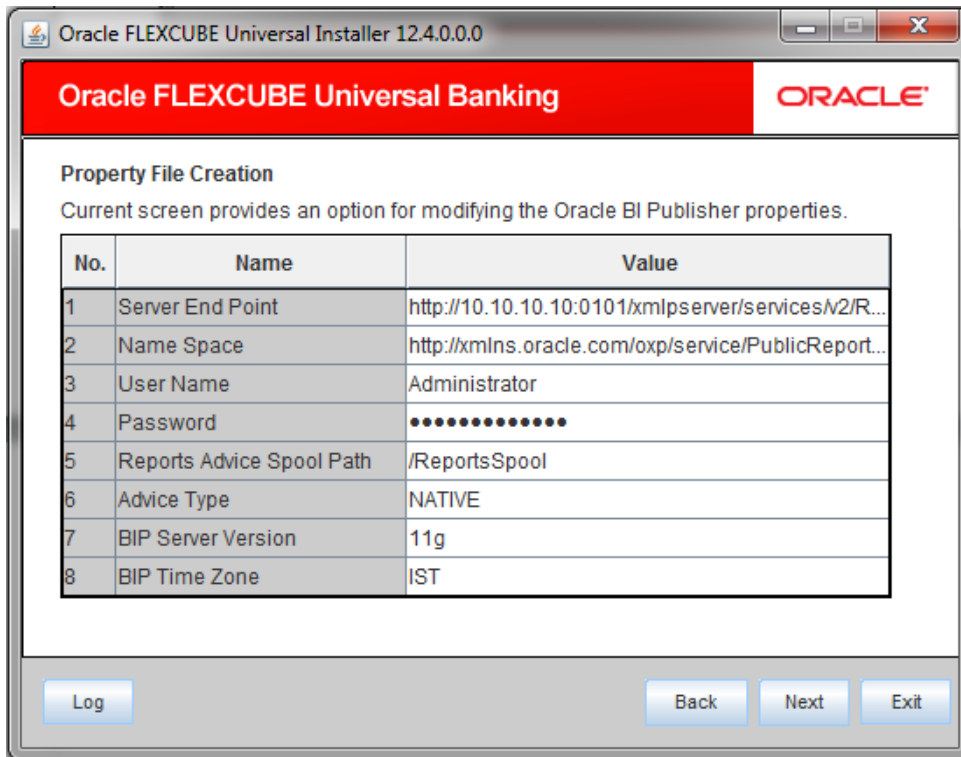
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For the above screen specifications, please refer the default installation.

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

Property File Creation

Current screen provides an option for modifying the BPEL property values.

No.	Name	Value
1	Factory Initial	weblogic.jndi.WLInitialContextFactory
2	Provide Url	t3://10.10.10.10:0101
3	Security Principal	oc4jadmin
4	Security Credentials	••••••••••
5	Soa Partition Name	default
6	Domain Password	••••••••••
7	Dedicated Connection	✔
8	BPEL Relam Name	FLEXCUBE
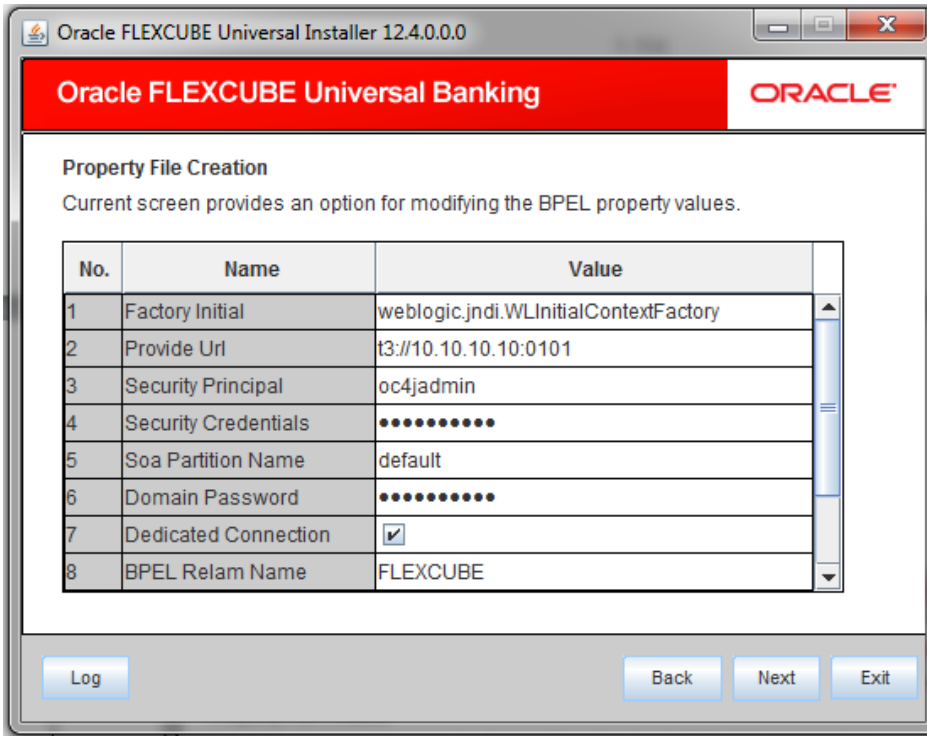
60. For the above screen specifications, please refer the default installation.

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

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

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Property File Creation

Current screen provides an option for modifying the Branch properties.

No.	Name	Value
1	Date Format	yyyy-MM-dd
2	Date Seperator	-
3	WorkFLow Frequency	6000
4	Compress Request	☑
5	Compress Response	☐

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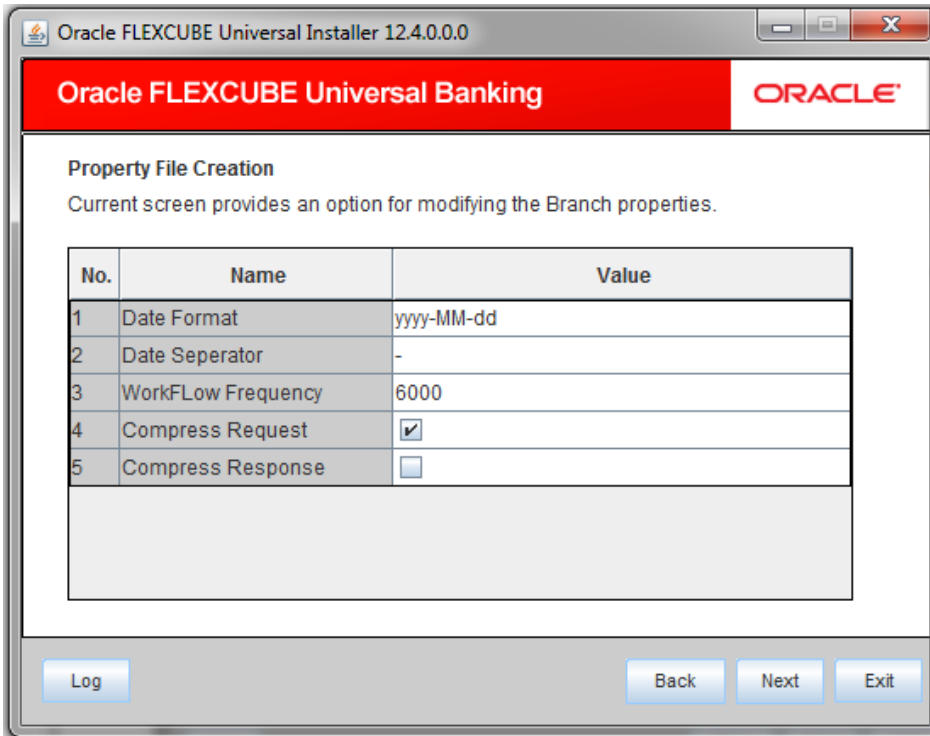
62. Once you have specified the above details, click 'Next' and system displays the next screen.

63. Click 'Next'. The following screen is displayed.

1.2.10 Saving Property File

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

1. Save the property file.

ORACLE
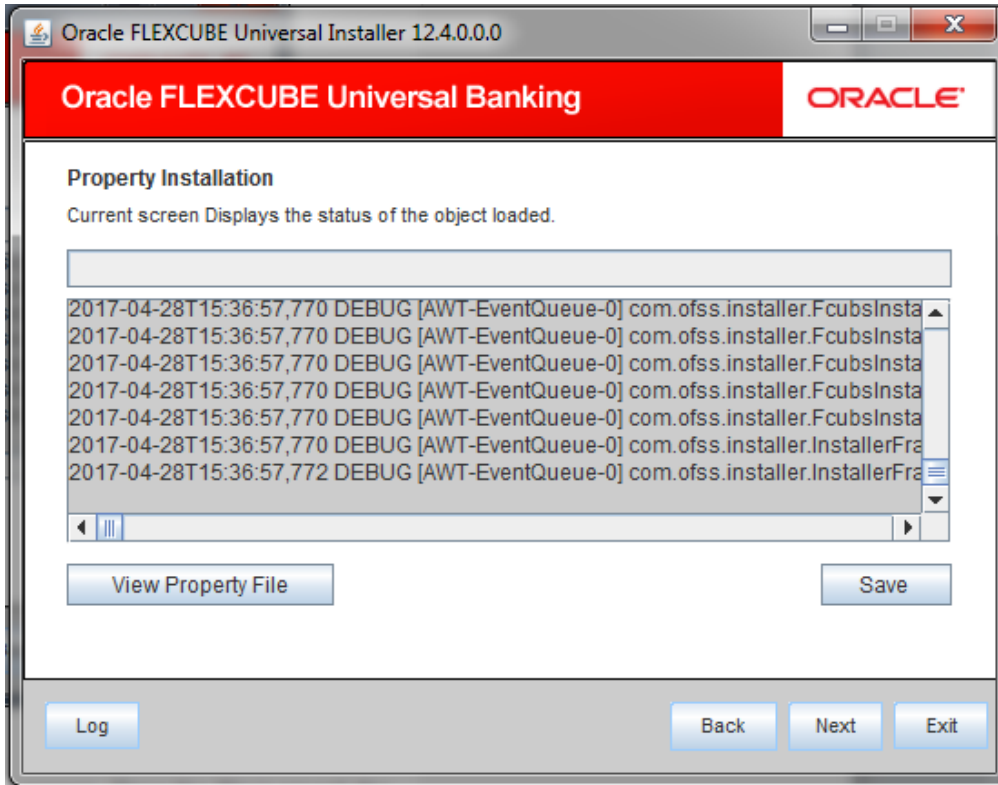
64. You can view the status of property file creation in the above screen. Once the file is saved, the installer displays the following message:
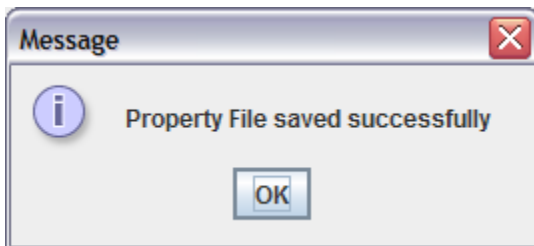
65. If 'Next' is clicked without 'Save' the property file will get saved in a temporary folder.
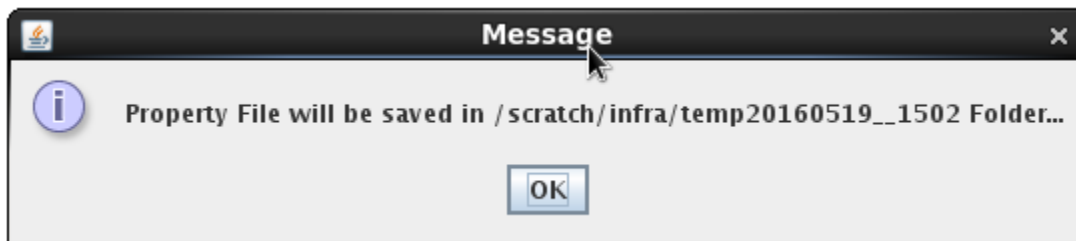
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This completes the properties file creation. Along with the property file creation, env.properties file is also generated in \INSTALLER\SOURCE\logs path.

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Installer Property File Creation
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