Oracle® FLEXCUBE Investor Servicing

Blockchain Utility

Release 14.7.6.0.0

G30388-01

ORACLE

Oracle FLEXCUBE Investor Servicing Blockchain Utility, Release 14.7.6.0.0

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Contents

Preface

Oracle FLEXCUBE Investor Servicing is a comprehensive mutual funds automation software from Oracle® Financial Servicing Software Ltd.©.

You can use the system to achieve optimum automation of all your mutual fund investor servicing processes, as it provides guidelines for specific tasks, descriptions of various features and processes, and general information.

This topic contains the following sub-topics:

Purpose

This manual is designed to help acquaint you with the installation of **Oracle FLEXCUBE Investor Servicing** application.

Audience

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

Table 1 Users and Roles

Users	Roles
Implementation team	Implementation of Oracle FLEXCUBE Investor Servicing
Presales team	Install Oracle FLEXCUBE Investor Servicing for demo purpose
Bank personnel	Who installs Oracle FLEXCUBE Investor Servicing

Documentation Accessibility

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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.

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 list of the acronyms and abbreviations used are as follows:

Table 2 Acronyms and Abbreviations

Abbreviation	Description
FCIS	Oracle FLEXCUBE Investor Servicing
OEM	Oracle Enterprise Manager

Table 2 (Cont.) Acronyms and Abbreviations

Abbreviation	Description
EMS	Electronic Messaging Service
EJB	Enterprise Java Bean
MDB	Message Driven Beans

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Blockchain Utility

This topic explains the steps for updating property and configuration XML files available in Blockchain Adapter WAR using Oracle FLEXCUBE Investor Servicing Installer.

This topic contains the following sub-topics:.

- Set up RestService REST EJB Application
  This topic explains the steps involved in setting up Blockchain Adapter WAR.
- Deploy Blockchain Adapter in Application Server
  This topic provides the information about the deployment of BlockChain Adapter in Application Server.

1.1 Set up RestService REST EJB Application

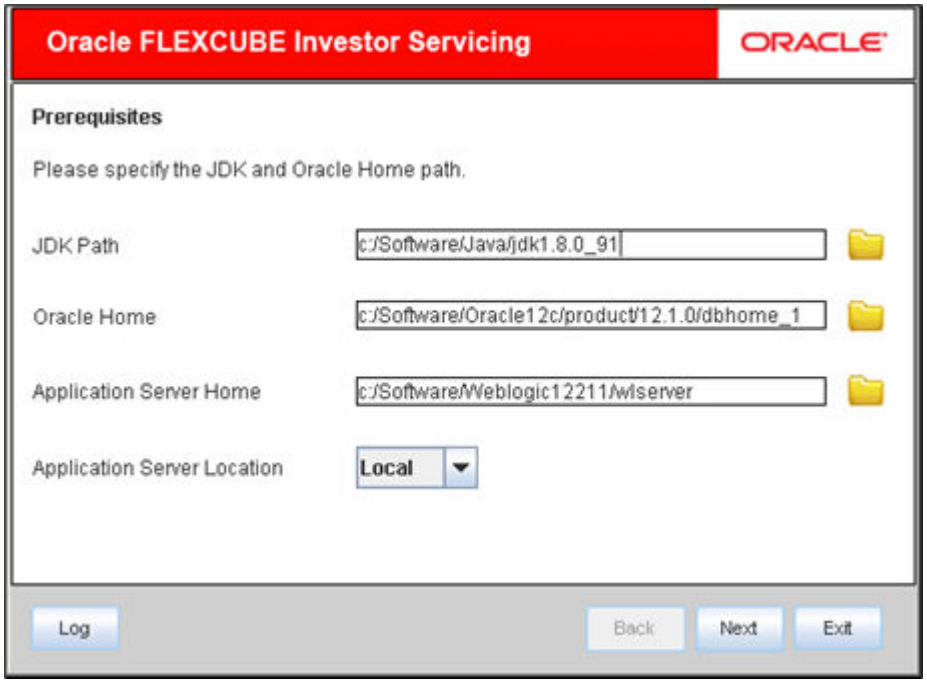
This topic explains the steps involved in setting up Blockchain Adapter WAR.

Blockchain Adapter WAR file needs to be copied from ADAPTERS folder in Shipment Location.

1. Double-click **FCUBSInstaller.bat** batch file to start **Oracle FLEXCUBE Universal Installer**.

   The **Oracle FLEXCUBE Universal Installer** screen is displayed.

   Figure 1-1 Oracle FLEXCUBE Universal Installer



2. On **Oracle FLEXCUBE Universal Installer** screen, enter the following details.

   Refer to the table for JDK and Oracle Home path.

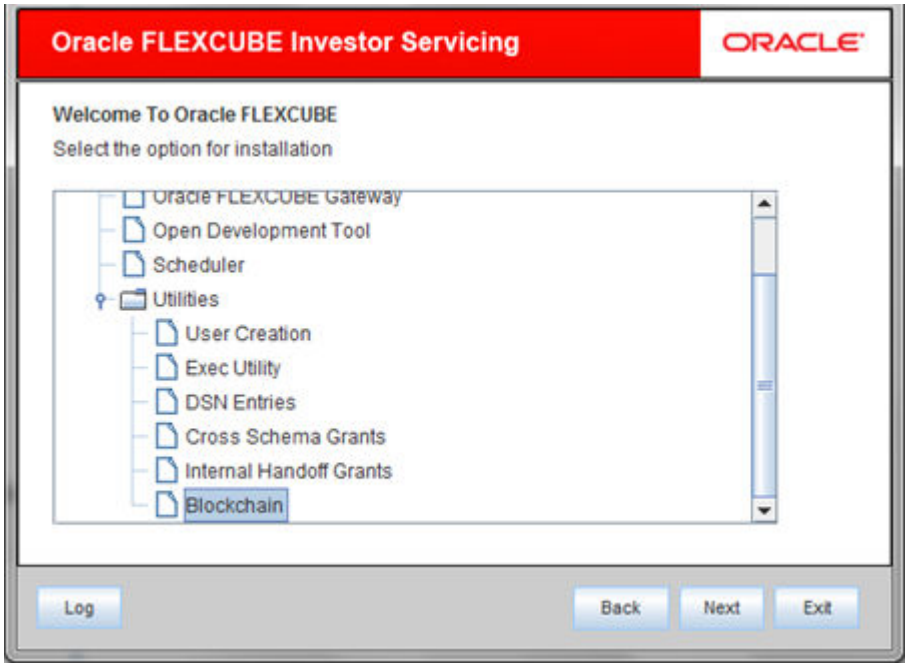
Table 1-1 JDK and Oracle Home path

Field	Description
JDK Path	Provide Home folder path of JDK1.8.
Oracle Home	Provide home folder path of Oracle Client or Database.
Application Server Home	Provide home folder path of Application Server. **Note:** In case any of the selected directories is incorrect, the Installer will display an appropriate error message. In that case, you need to correct the directory path and proceed.
Application Server Location	Select location of the application server either as local or remote.

3. Click **Next** to select the utility option for installation.
4. Select **Blockchain** from the lists of **Utilities** option.

   The options available for installation are displayed.

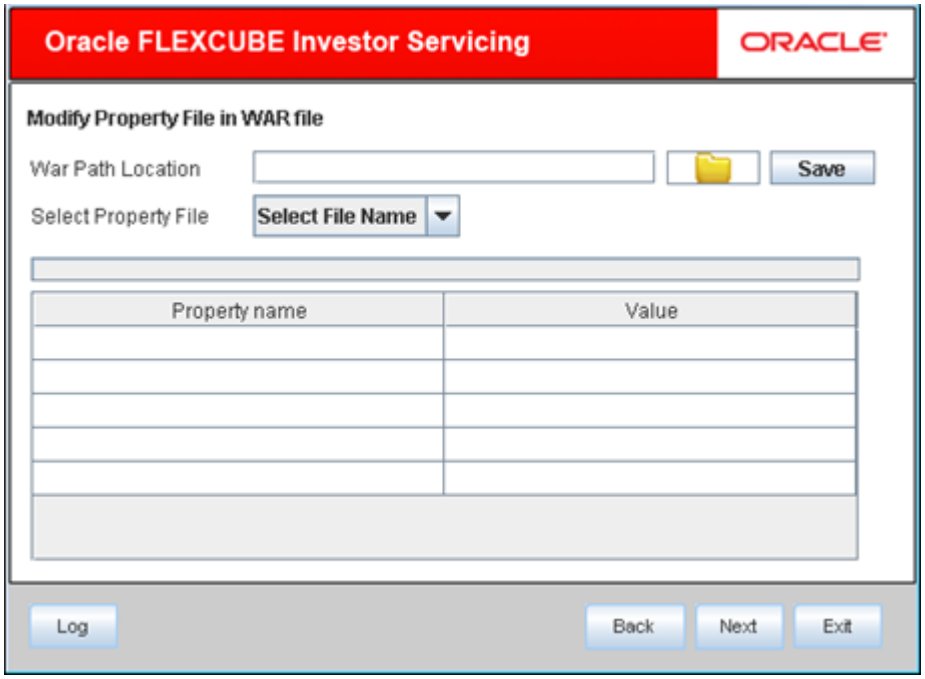
Figure 1-2 Utilities_Blockchain



5. Click **Next** to modify property file in WAR file.

   The following screen is displayed.

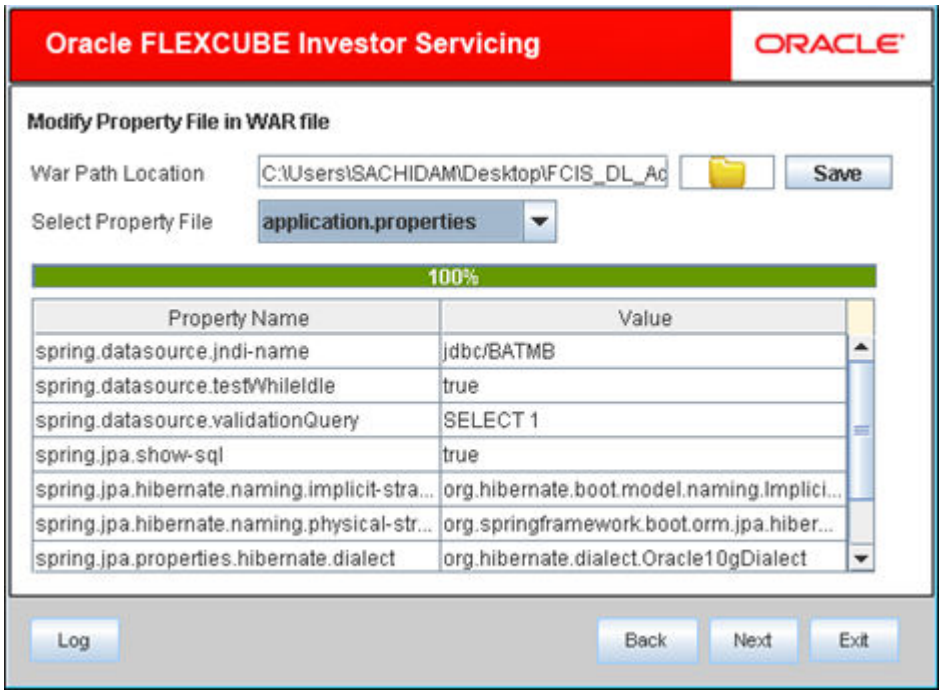
Figure 1-3 Modify Property file in WAR file_WAR Path Location



6. Select the **Blockchain Adapter WAR** file in the **WAR Path Location** for modifying the properties and Configuration XMLs.
7. Select the **application.properties** to modify the JNDI name for the respective LOB schema.

   The following screen is displayed.

Figure 1-4 Modify Property file in WAR file_Select Property File



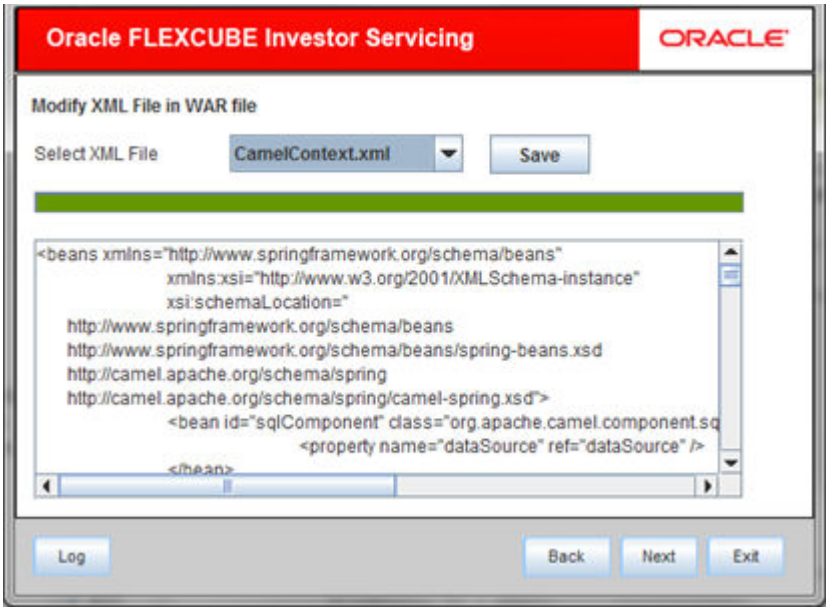
8. Click **Save** to commit the changes.

   No other property file requires changes.

9. Click **Next** to modify XML file in WAR file.

   The following screen is displayed.

Figure 1-5 Modify XML file in WAR file_Select XML File



10. Select **CamelContext.xml** file in the **Select XML File** to modify the configuration.

    Update Distributed Ledger Client URI as to uri in P2, P4, P6 route ids.

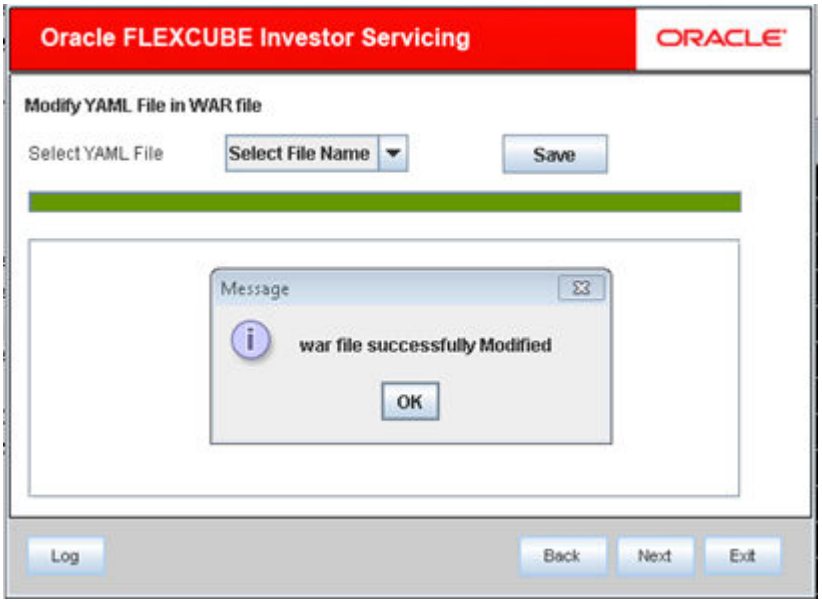
11. Click **Save** to commit the changes.

    No other configuration XML requires changes.

12. Click **Next** to modify YAML file in WAR file.

    The following screen is displayed if there are no YAML files to modify and the WAR file is ready for the deployment.

Figure 1-6 Modify YAML file in WAR file_Select YAML File



1.2 Deploy Blockchain Adapter in Application Server

This topic provides the information about the deployment of BlockChain Adapter in Application Server.

1. Deploy the Blockchain Adapter WAR in different WebLogic/WebSphere Application Server or in a different Managed Server.
2. Create the data source JNDI as given in the configuration XML pointing to LOB schema.

   For Each LOB, an adapter installation is required.

This completes the deployment of Blockchain Adapter in Application Server.