

Oracle® FLEXCUBE Investor Servicing

Oracle FLEXCUBE Investor Servicing Installation



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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](#)
- [Audience](#)
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Conventions](#)
- [Screenshot Disclaimer](#)
- [Acronyms and Abbreviations](#)

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

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

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

Diversity and Inclusion

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.
<i>italic</i>	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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Oracle FLEXCUBE Investor Servicing Installation

This topic explains the installation steps of the various components supported by Oracle FLEXCUBE.

This topic the various deployment options supported by the installer, the various components that make Oracle FLEXCUBE Investor Servicing, the plug-ins that are supported by these components and the detailed installation steps of the various components supported by Oracle FLEXCUBE.

This topic contains the following sub-topics:

- [Deployment Mode](#)
This topic explains the various deployment mode used for FLEXCUBE Investor Servicing installation.
- [Oracle FLEXCUBE Installation Varieties](#)
This topic explains the installation varieties for Oracle FLEXCUBE.
- [Components of Oracle FLEXCUBE](#)
This topic explains the components of Oracle FLEXCUBE.

1.1 Deployment Mode

This topic explains the various deployment mode used for FLEXCUBE Investor Servicing installation.

Table 1-1 Deployment Mode and Description

Deployment Mode	Description
Centralized	In this mode, there will be only one setup. The build, configuration, and deployment would be targeted to this setup alone.

1.2 Oracle FLEXCUBE Installation Varieties

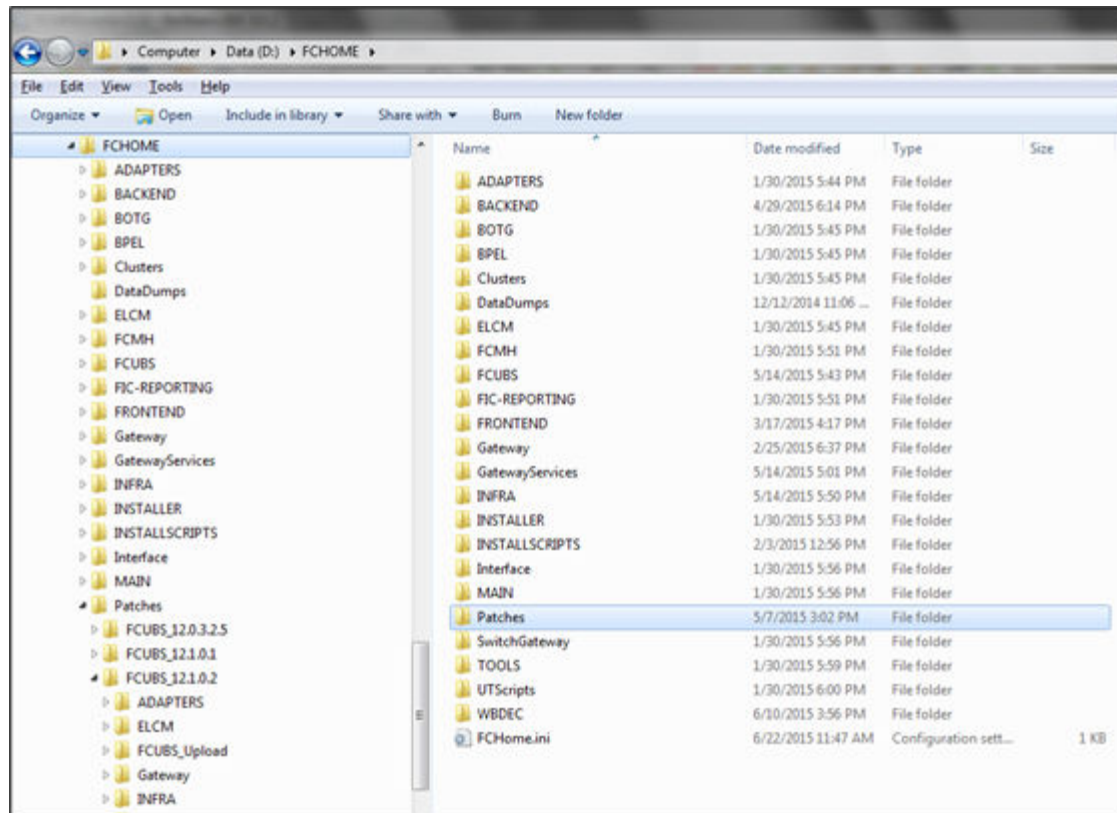
This topic explains the installation varieties for Oracle FLEXCUBE.

Installing Oracle FLEXCUBE can happen in multiple varieties. Please follow steps mentioned in first 3 topics before starting any installation steps.

Installer does not accept spaces in file path. Its applicable for all paths including but not limited to the source path, temp destination directory, property file path etc.,

The below screenshot shows sample **FC Home** folder structure. This is the location to be pointed, if installer asks for **FC Home** directory.

Figure 1-1 FCHOME and Patches Directory



In the above screenshot, you can find the main release content directly under FCHOME and Patches directory contains patch release contents.

- [Create New FCHome](#)
This topic provides the instructions to create new FC Home.
- [Update FCHome with Patchsets](#)
This topic provides the instructions to create update FCHome with Patchsets.
- [Update FCHome with Patchsets](#)
This topic provides the instructions to create update FCHome with Patchsets.
- [New Installation](#)
This topic explains the step-by-step procedure for new installation using the installer.
- [Apply Patchset](#)
This topic provides information on applying FLEXCUBE patchset.
- [Upgrade to Higher Version](#)

1.2.1 Create New FCHome

This topic provides the instructions to create new FC Home.

1. Extract the ZIP file.
FCIS_<Version>_<Release Date>.zip.
2. Create a FCHOME Folder and extract the above zip into this folder.

3. Copy **FCHome.ini** from FCIS folder to FCHOME Folder.
4. Make sure that FCHOME Directory is accessible by both Application server and DatabaseServer.

1.2.2 Update FCHome with Patchsets

This topic provides the instructions to create update FCHome with Patchsets.

1. Extract the ZIP file.
FCIS_ <Version>.0.<Patch No>.zip into **FCHOME** folder
2. You find the extracted patch under the folder **FCISHOME\Patches**.

1.2.3 Update FCHome with Patchsets

This topic provides the instructions to create update FCHome with Patchsets.

1. Extract the ZIP file **FCIS_ <Version>.<Rolled Patch No>.0.zip** into **FCHOME** folder.
2. You find the extracted patch under the folder **FCISHOME\Patches**.

1.2.4 New Installation

This topic explains the step-by-step procedure for new installation using the installer.

1. Apply the environment settings for Oracle FLEXCUBE.
For more information, refer to the topic *Prerequisites for Oracle FLEXCUBE Installer*.
2. Navigate to the folder which was chosen as FCHOME and launch the installer by running **FCUBSInstaller.bat** in the Installer folder.
3. Select Database in Oracle FLEXCUBE Installer and provide the FCHOME path.
Refer to the topic *FCIS Database Setup* for more information on this.
4. For creating application, create a property file with the required plug-ins.
Refer to the topic *FCIS Property File Setup* for more information on this.
5. Build an EAR using the property file created in step 4.
Refer to the topic *FCIS EAR Building* for more information on this.
6. Deploy the Built EAR in Application server and log in to the Oracle FLEXCUBE.
Refer to Application server specific Deployment documents.

Note

You need to launch the installer again once a particular activity is completed.

1.2.5 Apply Patchset

This topic provides information on applying FLEXCUBE patchset.

The **PATCHSET_INSTALLATION** flag should be Y in the env.properties.

This topic contains the following sub-topics:

- [Apply Oracle FLEXCUBE Patchset - Middleware](#)
This topic explains the steps to apply Oracle FLEXCUBE Patchset in the WebLogic server.
- [Apply FLEXCUBE Patchset - Database](#)
This topic provides the instructions to apply the FLEXCUBE patchset in the Database Server.

1.2.5.1 Apply Oracle FLEXCUBE Patchset - Middleware

This topic explains the steps to apply Oracle FLEXCUBE Patchset in the WebLogic server.

WebLogic Application Servers.

For WebLogic follow the below steps to apply the patch set.

1. Navigate to the folder which was chosen as FCHOME and launch the installer by running **FCUBSInstaller.bat** in the Installer folder.
2. Provide the path of the FCHOME folder.
3. Build an EAR by loading the existing property file.
4. Deploy the built EAR in the WebLogic Application Server.

Note

Building of EAR can be done in remote location but the application deployment should be done in local system where the application server is installed.

1.2.5.2 Apply FLEXCUBE Patchset - Database

This topic provides the instructions to apply the FLEXCUBE patchset in the Database Server.

Database Server.

To apply the FLEXCUBE patch set using the database, follow the below steps.

1. Navigate to the folder, which was chosen as FCHOME, and Launch the installer by running **FCUBSInstaller.bat** in the Installer folder.
2. Launch Installer by running **FCUBSInstaller.bat** and select Database Setup.
3. Provide Database server connection details.
4. Apply the patch set into the Database server.

Note

Take a snapshot backup of the environment before applying the patchset as backup or recovery process for the continuity of business. Once patchset is applied, it cannot be rolled back automatically.

1.2.6 Upgrade to Higher Version

1. Copy the Installer sources from shipment area to a local folder INSTALLER.
2. Copy the All the existing version sources from Shipment area to a local folder which will be given as source path1 in step 4.

3. Copy the sources of the upgraded version from shipment area to a local folder which will be given as source path2 in step 4.
4. Launch the latest upgraded Installer by running **FCUBSInstaller.bat**.
5. Provide the existing version sources path created in step 2 as consolidated source and provide the upgraded version sources path created in step 3 as delta source.
6. Provide Database server connection details.
7. Apply the patch set into the Database server.

1.3 Components of Oracle FLEXCUBE

This topic explains the components of Oracle FLEXCUBE.

The components of the Oracle FLEXCUBE are:

- Open Development Tool (ODT)
- Oracle FLEXCUBE Investor Servicing (FCIS)
- GATEWAY
- Standalone Scheduler
- [Plug-Ins Required](#)
This topic explains the plug-ins required for the FLEXCUBE application.
- [Setup the Plug-Ins](#)
This topic explains the step-by-step details of setting up the various plug-ins supported by FLEXCUBE.
- [Manual Deployment](#)
This topic explains the steps to deploy Oracle FLEXCUBE Investor Servicing application manually.
- [FCIS Application Installation](#)
This topic explains the various operations performed for the installation of FCIS Application.
- [GATEWAY Application Installation](#)
This topic explains the various operations performed for the installation of GATEWAY Application.
- [Open Development Tool \(ODT\) Installation](#)
This topic explains the various operations performed for the installation of Open Development Tool (ODT) Application.
- [Standalone Scheduler Installation](#)
This topic explains the various operations performed for the installation of Standalone Scheduler Application.

1.3.1 Plug-Ins Required

This topic explains the plug-ins required for the FLEXCUBE application.

Table 1-2 Plug-Ins Required

Application	Plug-ins Supported
Open Development Tool	Not applicable

Table 1-2 (Cont.) Plug-Ins Required

Application	Plug-ins Supported
Oracle FLEXCUBE Investor Servicing	The supported plug-ins for the Oracle FLEXCUBE Investor Servicing are, <ul style="list-style-type: none">• Scheduler• Insulation
Gateway	Not applicable
Standalone Scheduler	Not applicable

1.3.2 Setup the Plug-Ins

This topic explains the step-by-step details of setting up the various plug-ins supported by FLEXCUBE.

To setup the various plug-ins supported by FLEXCUBE, refer to the topic *Setting up Plug-Ins*.

1.3.3 Manual Deployment

This topic explains the steps to deploy Oracle FLEXCUBE Investor Servicing application manually.

For the Application server resources, refer to the topic *Resources to be created*.

For the Weblogic, refer to the topic *Deploying FCIS Application on WebLogic*.

1.3.4 FCIS Application Installation

This topic explains the various operations performed for the installation of FCIS Application.

This Application is operated in two modes:

- **Regular Mode:** All the operations are supported in regular mode of installation of **Oracle FLEXCUBE Investor Servicing** Application.
- **Default Mode:** Only Building Property file and Building EAR operations are supported by Default mode of installation of **Oracle FLEXCUBE Investor Servicing** Application.

Note

In default mode Property file is created by considering the default properties and EAR is built based on the property file created.

Table 1-3 FCIS Application Installation and References

FCIS Application Installation	References
Database Installation	This topic gives the step by step instructions for setting up FCIS Data Base. It also explains the process of importing full dump, and also explains the process of loading static data. Refer to the topic <i>FCIS Database Setup</i> .

Table 1-3 (Cont.) FCIS Application Installation and References

FCIS Application Installation	References
Building Property File	This topic explains the detailed instructions to be followed for Building FCIS Property file, it explains the instructions for setting up the property file with plug-ins and plug-in related properties. Refer to the topic <i>FCIS Property File Setup</i> .
Building EAR	This topic explains the detailed instructions to be followed for Building FCIS EAR, it explains the step by step instructions for building the EAR with the corresponding property file. Refer to the topic <i>FCIS EAR Building</i> .
Application Deployment	FULL Deployment in WebLogic This topic gives the detailed instructions for FULL deployment of FCIS Application in WebLogic server, it also explains the basic instructions for creating the resources required for deployment of FCIS Application. Patch/Patchset Deployment in WebLogic This topic gives the detailed instructions for Partial deployment of FCIS application. It explains the steps for deployment of the patches of the existing EAR in WebLogic server. Refer to the topic <i>FCIS Application Deployment in Weblogic</i> .

1.3.5 GATEWAY Application Installation

This topic explains the various operations performed for the installation of GATEWAY Application.

Table 1-4 GATEWAY Application Installation and References

FCIS Application Installation	References
Building Property File	This topic explains the detailed instructions to be followed for building GATEWAY Property file, it explains the instructions for setting up the property file with plug-ins and plug-in related properties. Refer to the topic <i>Gateway Property File Creation</i> .
Building EAR	This topic explains the detailed instructions to be followed for building GATEWAY EAR, it explains the step by step instructions for building the EAR with the corresponding property file. Refer to the topic <i>Gateway EAR Building</i> .
Application Deployment	This topic gives the detailed instructions for FULL deployment of GATEWAY application in Weblogic server, it also explains the basic instructions for creating the resources required for deployment of FCIS application using installer. Refer to the topic <i>Gateway Application Deployment in Weblogic</i> .

1.3.6 Open Development Tool (ODT) Installation

This topic explains the various operations performed for the installation of Open Development Tool (ODT) Application.

Table 1-5 Open Development Tool (ODT) Installation and References

Open Development Tool (ODT) Installation	References
Database Installation	This topic gives the step by step instructions for setting up ODT Data Base. It also explains the process of importing full dump, and also explains the process of loading static data. Refer to the topic <i>ODT Database Setup</i> .
Building EAR	This topic explains the detailed instructions to be followed for building ODT EAR, it explains the step by step instructions for building the EAR with the corresponding property file. Refer to the topic <i>ODT EAR Building</i> .
Application Deployment	This topic gives the detailed instructions for FULL deployment of ODT application in Weblogic server, it also explains the basic instructions for creating the resources required for deployment of FCIS application using installer. Refer to the topic <i>ODT Application Deployment in Weblogic</i> .

1.3.7 Standalone Scheduler Installation

This topic explains the various operations performed for the installation of Standalone Scheduler Application.

Table 1-6 Standalone Scheduler Installation and References

Standalone Scheduler Installation	References
Building Property File	This topic explains the detailed instructions to be followed for building Scheduler Property file, it explains the instructions for setting up the property file with plug-ins and plug-in related properties. Refer to the topic <i>Standalone Scheduler Property File Creation</i> .
Building EAR	This topic explains the detailed instructions to be followed for building Scheduler EAR, it explains the step by step instructions for building the EAR with the corresponding property file. Refer to the topic <i>Standalone Scheduler EAR Building</i> .
Application Deployment	This topic gives the detailed instructions for FULL deployment of Scheduler application in Weblogic server, it also explains the basic instructions for creating the resources required for deployment of FCIS application using installer. Refer to the topic <i>Standalone Scheduler Deployment in Weblogic</i> .