Oracle FLEXCUBE IS Installation
Oracle FLEXCUBE Investor Servicing
Release 14.7.4.0.0
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FINANCIAL SERVICES

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# 1. Oracle FLEXCUBE IS Installation

## 1.1 Introduction

This manual is designed to help acquaint you with the various deployment options supported by the installer, the various components that make Oracle FLEXCUBE IS, the plug-ins that are supported by these components and the detailed installation steps of the various components supported by Oracle FLEXCUBE.
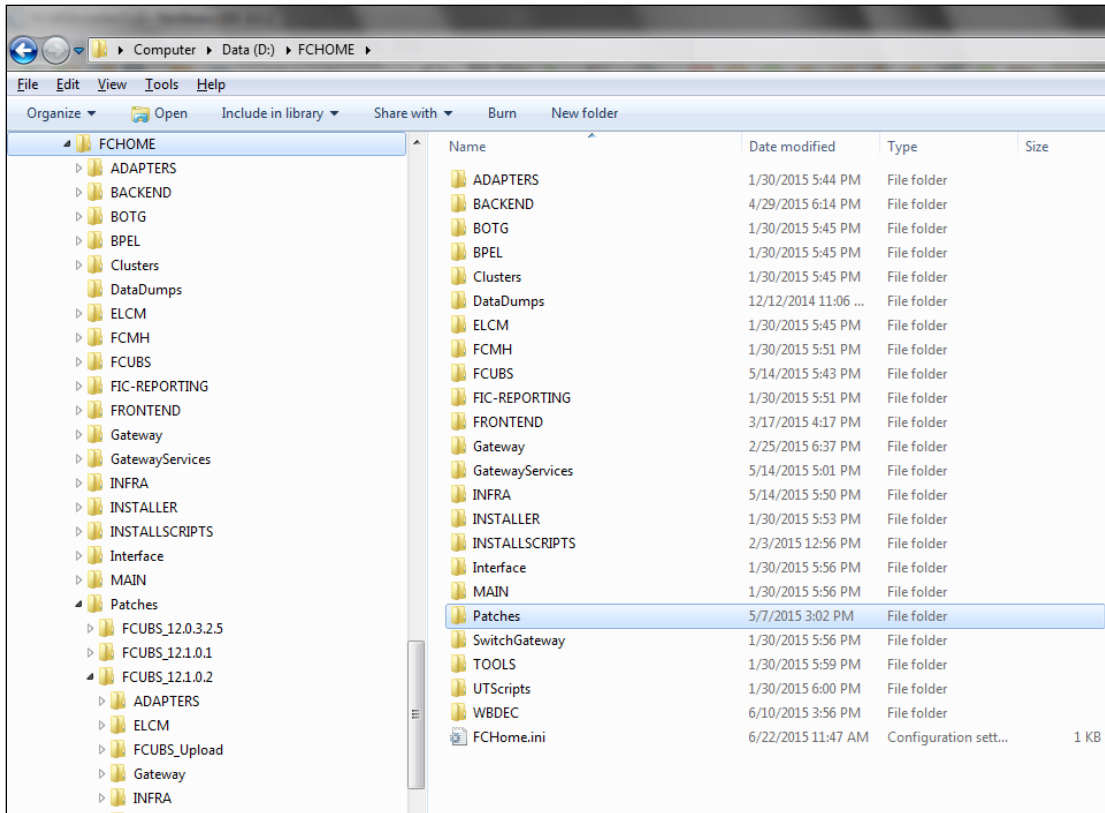
## 1.2 Deployment Options

| | |
|---|---|
| **Centralized** | In this mode there will be only one setup. The build, configuration and deployment would be targeted to this setup alone. |

## 1.3 Oracle FLEXCUBE Installation Varieties

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

Installer does not accept spaces in file path. Its applicable for all path including but not limited to 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.

In the above screenshot, main release content can be found directly under **FCHOME** directory and **Patches** directory contains patch release contents.

### 1.3.1 Creating New FCHome

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 FCUBS folder to FCHOME Folder.
4. Make sure that FCHOME Directory is accessible by both Application server and Database Server.

### 1.3.2 Updating 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\.

### 1.3.3 Updating FCHome with ROLLED 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\.

### 1.3.4  New Installation

This section explains the step by step procedure for fresh installation using installer:

1. Apply the environment settings for Oracle FLEXCUBE. (Refer to OracleFLEXCUBE_FCIS_Pre-requisites document).

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 FCIS_DB_Setup document under FCIS Components > FCIS).

4. For creating application, create a property file with the required plug-ins. (Refer to FCIS_Property_File_Creation document under FCIS Components > FCIS).

5. Build an EAR using the property file created in step 4. (Refer FCIS_EAR_Building document under FCIS Components > FCIS).

6. Deploy the Built EAR in application server and login to the Oracle FLEXCUBE. (Refer to application server specific Deployment documents under FCIS Components > FCIS).

**Note:**

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

### 1.3.5  Applying Patchset

This section describes applying patchset.

#### 1.3.5.1  Applying Oracle FLEXCUBE Patch Set - Middleware

**Weblogic**

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 Weblogic application server.

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

### 1.3.5.2 Applying Oracle FLEXCUBE Patch set - DATABASE

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.

🛑 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.

## 1.3.6 Upgrading to Higher Version

**Oracle FLEXCUBE DATABASE Version Upgradation**

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.

# 1.4   Components of Oracle FLEXCUBE

Following are the components of the Oracle FLEXCUBE:

- Oracle FLEXCUBE Investor Servicing (FCIS)
- GATEWAY
- Open Development Tool (ODT)
- Standalone Scheduler

## 1.4.1   Plug-Ins Required

| Application | Plug-ins Supported |
|---|---|
| FCIS | <ul><li>Scheduler</li><li>Insulation</li></ul> |
| ODT | Not applicable |
| Gateway | Not applicable |
| Scheduler | NA |

## 1.4.2 Setting up the Plug-Ins

The Setting_up_Plugins document describes the step by step details of setting up the various plug-ins supported by Oracle FLEXCUBE. This is under FCIS Main.

## 1.4.3 Manual Deployment

This section explains the steps to deploy Oracle FLEXCUBE IS application manually. Application server resources required are detailed in Resources_To_Be_Created document. This is present under Environment Setup > Application Server

Follow the document FCIS_Manual_Deployment_WL. The document is present in the Environment Setup > Application Server.

### 1.4.4 FCIS Application Installation

All documents can be referred under FCIS Components > FCIS.

This Section describes the various operations performed for FCIS application. This application is operated in two modes:

- Regular mode: All the operations are supported in regular mode of installation of Oracle FLEXCUBE IS Application

- Default Mode: Only Building Property file and Building EAR operations are supported by Default mode of installation of Oracle FLEXCUBE IS Application.

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

| Database Installation | This document 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 document FCIS_DB_Setup | | |
|---|---|---|---|
| Building Property File | This section 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 document FCIS_Property_File_Creation | | |
| Building Ear | This section 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 document FCIS_EAR_Building | | |
| Application Deployment | Weblogic | FULL Deployment | This section gives the detailed instructions for FULL deployment of IS application in Weblogic server, it also explains the basic instructions for creating the resources required for deployment of IS application. Refer to the document FCIS_Application_Deployment_Weblogic |
| | | Patch/Patchset Deployment | This section gives the detailed instructions for Partial deployment of IS application, It explains the steps for deployment of the patches of the existing ear in Weblogic server. Refer to the document FCIS_Application_Deployment_Weblogic |

### 1.4.5 GATEWAY Application Installation

All documents can be referred under FCIS Components > Gateway.

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| Building Property file | This section 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 document GATEWAY_Property_File_Creation | |
|---|---|---|
| Building Ear | This section 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 document  Gateway_EAR_Building | |
| Application Deployment | **Weblogic** | This section 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 IS application using installer. Refer to the document Gateway_Application_Deployment_Weblogic |

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### 1.4.6 <u>Open Development Tool (ODT)</u>

All documents can be referred under FCIS Components > ODT.

| Database Installation | This document 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 document <u>ODT_DB_Setup</u> | |
|---|---|---|
| Building Ear | This section 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 document <u>ODT_EAR_Building</u> | |
| **Application Deployment** | **Weblogic** | This section 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 IS application using installer. Refer to document <u>ODT_Application_Deployment_Weblogic</u>. |

### 1.4.7 <u>Standalone Scheduler Installation</u>

All documents can be referred under FCIS Components > Scheduler.

| Building Property file | This section 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 document <u>Scheduler_Property_File_Creation</u> | |
|---|---|---|
| Building Ear | This section 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 document <u>Scheduler_EAR_Building</u> | |
| **Application Deployment** | **Weblogic** | This section 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 IS application using installer. Refer to the document <u>Scheduler_Deployment_Weblogic</u> |

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