

FLEXCUBE IS Installation  
Oracle FLEXCUBE Investor Servicing  
Release 12.3.0.8.1  
[May] [2021]



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# Table of Contents

<b>1.</b>	<b>FLEXCUBE IS INSTALLATION .....</b>	<b>2</b>
1.1	INTRODUCTION .....	2
1.2	DEPLOYMENT OPTIONS .....	2
1.2.1	<i>Centralized.....</i>	<i>2</i>
1.3	ORACLE FLEXCUBE INSTALLATION VARIETIES.....	2
1.3.1	<i>Creating New FCHome .....</i>	<i>3</i>
1.3.2	<i>Updating FCHome with Patchsets.....</i>	<i>3</i>
1.3.3	<i>Updating FCHome with ROLLED Patchsets.....</i>	<i>3</i>
1.3.4	<i>New Installation.....</i>	<i>4</i>
1.3.5	<i>Cloning Existing Environment.....</i>	<i>4</i>
1.3.6	<i>Applying Patchset .....</i>	<i>4</i>
1.3.7	<i>Upgrading to Higher Version. ....</i>	<i>5</i>
1.4	COMPONENTS OF ORACLE FLEXCUBE.....	5
1.4.1	<i>Plug-Ins Required.....</i>	<i>6</i>
1.4.2	<i>Setting up the Plug-Ins.....</i>	<i>6</i>
1.4.3	<i>Manual Deployment.....</i>	<i>6</i>
1.4.4	<i>FCIS Application Installation .....</i>	<i>6</i>
1.4.5	<i>GATEWAY Application Installation .....</i>	<i>8</i>
1.4.6	<i>Open Development Tool (ODT).....</i>	<i>8</i>
1.4.7	<i>Standalone Scheduler Installation .....</i>	<i>9</i>

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# 1. FLEXCUBE IS Installation

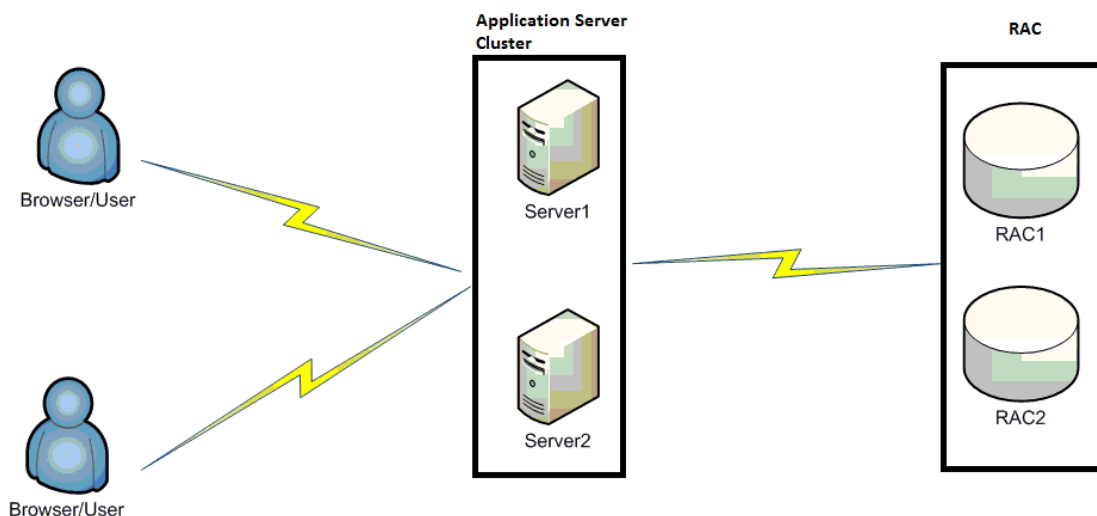
## 1.1 Introduction

This manual is designed to help acquaint you with the various deployment options supported by the installer, the various components that make 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

<b>Centralized</b>	In this mode there will be only one setup. The build, configuration and deployment would be targeted to this setup alone.
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### 1.2.1 Centralized

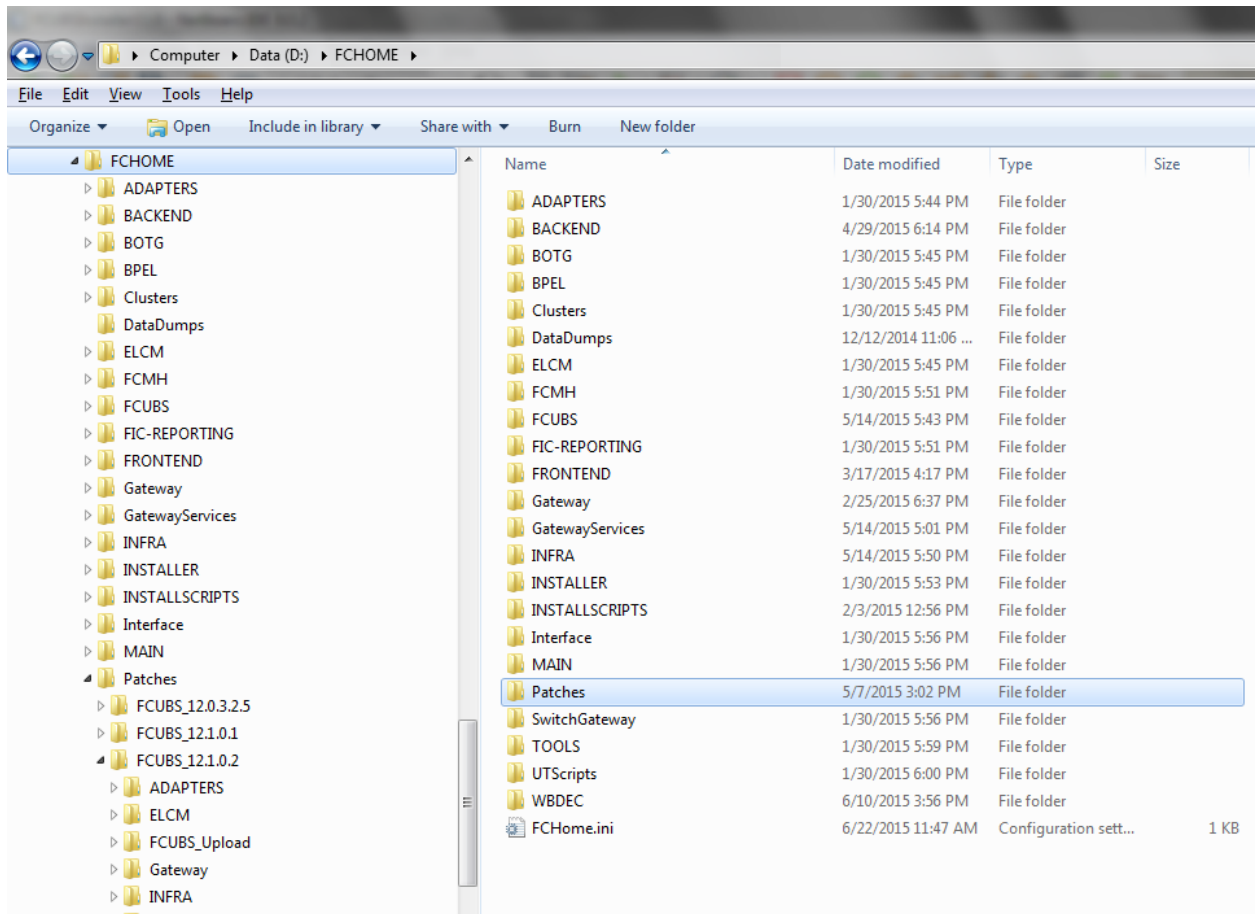


## 1.3 Oracle FLEXCUBE Installation Varieties

Installing FLEXCUBE can happen in multiple varieties. 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 FCUBSHOME\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 FCUBSHOME\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).

### **1.3.5 Cloning Existing Environment**

1. Import a dump of FLEXCUBE database. (Refer FCIS\_DB\_Setup document under FCIS Components > FCIS)
2. Create two FLEXCUBE Users using Installer. (Refer User\_Creation\_Utility document under Utilities).
3. Get the Property file of the Environment to be cloned and Modify the property file by loading it in the Installer.
4. Update the Ear file with the New Property File.
5. Deploy the Built EAR in application server and login to the FLEXCUBE.
6. Login into FLEXCUBE using the users created as part of step3 and reset/Modify the Password of all the users.

### **1.3.6 Applying Patchset**

This section describes applying patchset.

#### **1.3.6.1 Applying 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 is installed.

### **Websphere**

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 websphere application server.

### **1.3.6.2 Applying 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.

### **1.3.7 Upgrading to Higher Version.**

#### **FLEXCUBE DATABASE Version Up gradation**

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:

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

- Standalone Scheduler

#### 1.4.1 **Plug-Ins Required**

Application	Plug-ins Supported
FCIS	<ul style="list-style-type: none"> <li>• Reports</li> <li>• Scheduler</li> <li>• Document Management System</li> <li>• BPEL</li> <li>• Regression Testing Tool</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 FLEXCUBE. This is under FCIS Main. This is a common document for both UBS and IS. All references of FCUBS in the document can be changed to FCIS as appropriate.

#### 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](#). for Websphere please follow [FCIS Manual Deployment WAS](#). All these documents are 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 FLEXCUBE IS Application
- Default Mode: Only Building Property file and Building EAR operations are supported by Default mode of installation of FLEXCUBE IS Application.



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

<b>Database Installation</b>	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 <a href="#">FCIS_DB_Setup</a>		
<b>Building Property File</b>	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 <a href="#">FCIS_Property_File_Creation</a>		
<b>Building Ear</b>	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 <a href="#">FCIS_EAR_Building</a>		
<b>Application Deployment</b>	<b>Weblogic</b>	<b>FULL Deployment</b>	This section gives the detailed instructions for FULL deployment of UBS application in weblogic server, it also explains the basic instructions for creating the resources required for deployment of UBS application. Refer to the document <a href="#">FCIS_Application_Deployment_Weblogic</a>
		<b>Patch/Patches et Deployment</b>	This section gives the detailed instructions for Partial deployment of UBS application, It explains the steps for deployment of the patches of the existing ear in weblogic server. Refer to the document <a href="#">FCIS_Application_Deployment_Weblogic</a>
	<b>Websphere</b>	<b>FULL Deployment</b>	This section gives the detailed instructions for FULL deployment of UBS application in websphere server, it explain the steps to be followed for deploying UBS application in websphere server using installer. Refer to the document <a href="#">FCIS_Application_Deployment_Websphere</a>
		<b>Patch/Patches et Deployment</b>	This section gives the detailed instructions for partial deployment of UBS application in websphere server, it explains the steps to be followed for deploying the patches for the existing application in websphere server. Refer to the document <a href="#">FCIS_Application_Deployment_Websphere</a>



### 1.4.5 GATEWAY Application Installation

All documents can be referred under FCIS Components > Gateway.

<b>Building Property file</b>	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 <a href="#">GATEWAY_Property_File_Creation</a>	
<b>Building Ear</b>	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 <a href="#">Gateway_EAR_Building</a>	
<b>Application Deployment</b>	<b>Weblogic</b>	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 UBS application using installer. Refer to the document <a href="#">Gateway_Application_Deployment_Weblogic</a>
	<b>WebSphere</b>	This section gives the detailed instructions for FULL deployment of GATEWAY application in websphere server, it explain the steps to be followed for deploying UBS application in websphere server using installer. Refer to the document <a href="#">Gateway_Application_Deployment_WebSphere</a>

### 1.4.6 Open Development Tool (ODT)

All documents can be referred under FCIS Components > ODT.

<b>Database Installation</b>	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 <a href="#">ODT_DB_Setup</a>	
<b>Building Ear</b>	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 <a href="#">ODT_EAR_Building</a>	
<b>Application Deployment</b>	<b>Weblogic</b>	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 UBS application using installer. Refer to document <a href="#">ODT_Application_Deployment_Weblogic</a> .
	<b>WebSphere</b>	This section gives the detailed instructions for FULL deployment of ODT application in websphere server, it explain the steps to be followed for deploying UBS

		application in websphere server using installer. Refer to document <a href="#">ODT_Application_Deployment_Websphere</a>
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### 1.4.7 **Standalone Scheduler Installation**

All documents can be referred under FCIS Components > Scheduler.

<b>Building Property file</b>	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 <a href="#">Scheduler_Property_File_Creation</a>	
<b>Building Ear</b>	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 <a href="#">Scheduler_EAR_Building</a>	
<b>Application Deployment</b>	<b>Weblogic</b>	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 UBS application using installer. Refer to the document <a href="#">Scheduler_Deployment_Weblogic</a>
	<b>Websphere</b>	This section gives the detailed instructions for FULL deployment of Scheduler application in websphere server, it explain the steps to be followed for deploying UBS application in websphere server using installer. Refer to the document <a href="#">Scheduler_Deployment_Websphere</a>



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