FLEXCUBE UBS Installation

Oracle FLEXCUBE Universal Banking

Release 14.8.3.0.0

Part No. G61377-01

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1. FLEXCUBE UBS Installation

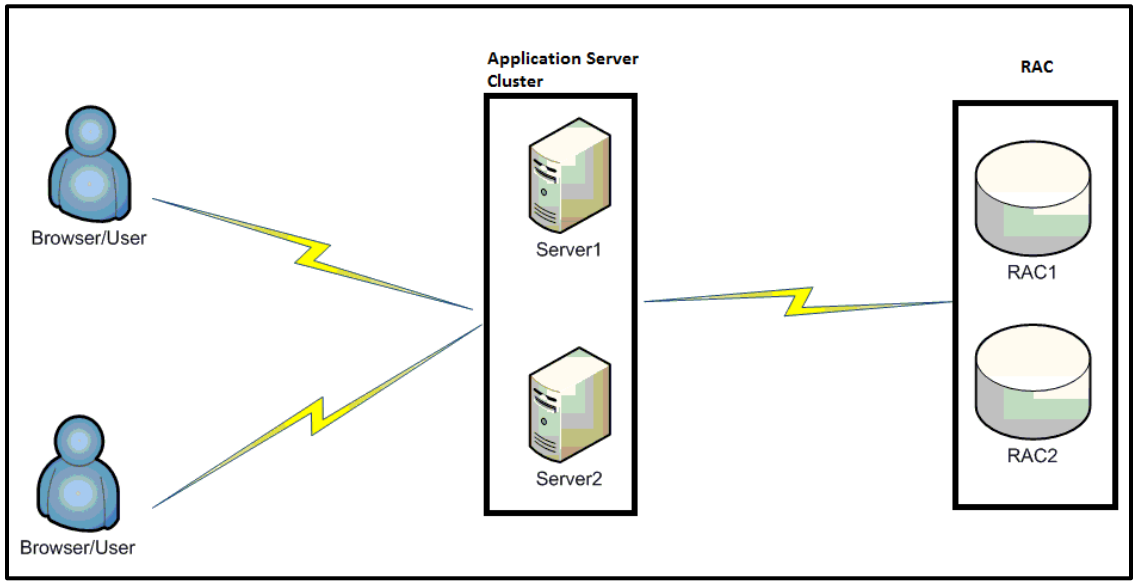
1.1 Introduction

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

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

1.2.1 Centralized

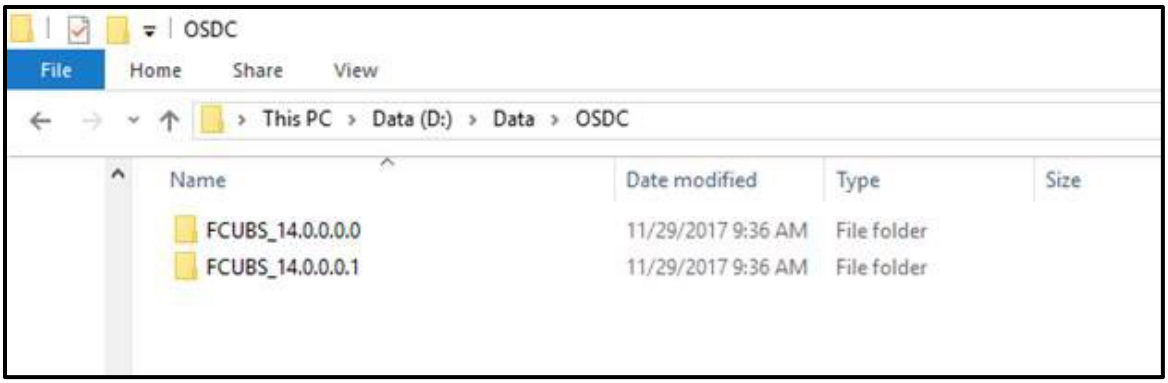


1.3 Oracle FLEXCUBE Installation Varieties

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 “OSDC.zip” 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 this directory.

1.3.1 Creating New Installation Directory

Extract the ZIP file **FCUBS_<Version>.zip**.

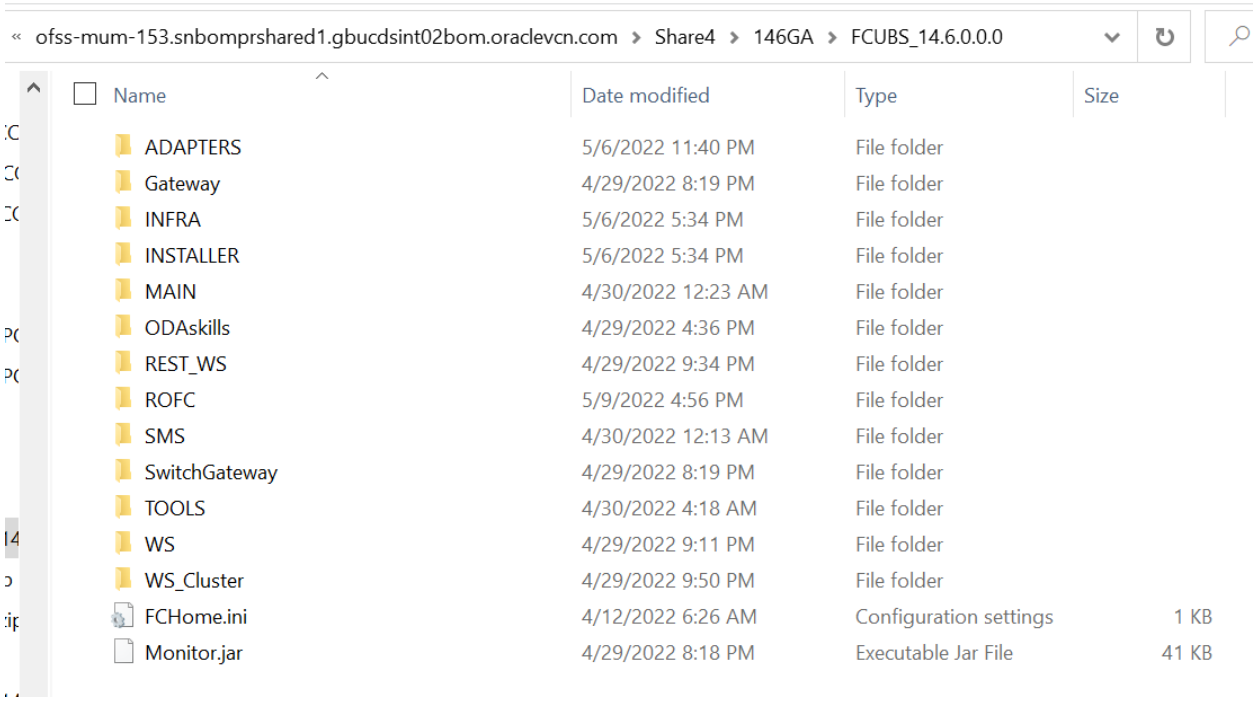
1. Create a **FCUBS_<Version>** Folder and extract the above zip into this folder.

2. Make sure that **FCUBS_<Version>** Directory is accessible by both Application server and Database Server.

1.3.2 Creating Patch-set Directory

1. Extract the ZIP file **FCUBS_<Patch No>.zip** into **FCUBS_<Patch No>** folder.

2. Make Sure that the **FCUBS_<Patch No>** folder should be kept parallel to **FCUBS_<Version>** folder as shown below.



1.3.3 New Installation

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

1. Apply the environment settings for FLEXCUBE. (Refer to the document Installer Prerequisite Document).

1.3.4 Cloning Existing Environment

1. Navigate to the folder, which was chosen as **FCUBS_<Version>** and Launch the installer by running FCUBSInstaller.bat in the Installer folder.
2. Import a dump of FLEXCUBE database. (Refer Installer Database Setup Documentation).
3. Create two FLEXCUBE Users using Installer.(Refer User Creation Utility document under Utilities).
4. Get the Property file of the Environment to be cloned and Modify the property file by loading it in the Installer.
5. Update the Ear file with the New Property File.
6. Deploy the Built EAR in application server and login to the FLEXCUBE.
7. Login into FLEXCUBE using the users created as part of step3 and reset/Modify the Password of all the users.

1.3.5 Applying Patchset

This section describes applying patchset. The PATCHSET_INSTALLATION flag should be Y in env.properties.

1.3.5.1 Applying FLEXCUBE Patch Set - Middleware

Weblogic

1. Navigate to the Patch Set folder **FCUBS_<Patch No>** and Launch the installer by running FCUBSInstaller.bat in the Installer folder.
2. Provide the path of the **FCUBS_<Patch No>** folder as Source Path.
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 FLEXCUBE Patch set - DATABASE

1. Navigate to the folder which was chosen as **FCUBS_<Patch No>** and Launch the installer by running FCUBSInstaller.bat in the Installer folder.
2. Compile the Data Base Objects by Referring to FCUBS_DB_Compilation Document.
3. Provide the path of the **FCUBS_<Patch No>** folder as Source Path.
4. Provide Database server connection details.
5. Apply the patch set into the Database server.

1.4 Components of Oracle FLEXCUBE

Following are the components of the oracle FLEXCUBE:

- Open Development Tool (ODT)
- FLEXCUBE Universal Banking Solution (FCUBS)
- GATEWAY
- Restful Services
- SWITCH Interface Installation
- Standalone Scheduler

1.4.1 Plug-Ins Required

Application	Plug-ins Supported
Open Development Tool	Not applicable
Oracle FLEXCUBE Universal Banking	• Scheduler • Reports • DMS • Insulation
Gateway	Not applicable

Restful Services	Not applicable
Switch Interface Installation	Not applicable
Standalone Scheduler	Not applicable

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 FCUBS Main.

1.4.3 Manual Deployment

This section explains the steps to deploy Oracle FLEXCUBE UBS 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 “FCUBS_Manual_Deployment_WL” for Weblogic.

All these documents are present in the Environment Setup > Application Server.

1.4.4 FCUBS Application Installation

All documents can be referred under FCUBS Components > FCUBS.

<table>
<tr><td colspan="4">This Section describes the various operations performed for FCUBS application. This application is operated in two modes during property file creation:
Custom mode: All inputs are provided by the user.
Default Mode: Property file is created by considering the default properties. User inputs are minimal.</td></tr>
<tr><td>Database Installation</td><td colspan="3">This document gives the step by step instructions for setting up FCUBS Data Base. It also explains the process of importing full dump, and also explains the process of loading static data. Refer to the document FCUBS_DB_Setup</td></tr>
<tr><td>Building Property File</td><td colspan="3">This section explains the detailed instructions to be followed for Building FCUBS Property file , it explains the instructions for setting up the property file with plug-ins and plug-in related properties. Refer to the document FCUBS_Property_File_Creation</td></tr>
<tr><td>Building Ear</td><td colspan="3">This section explains the detailed instructions to be followed for Building FCUBS EAR, it explains the step by step instructions for building the EAR with the corresponding property file. Refer to the document FCUBS_EAR_Building</td></tr>
<tr><td></td><td>Weblogic</td><td>FULL Deployment</td><td>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</td></tr>
</table>

Application Deployment			application. Refer to the document FUBS_Application_Deployment_Weblogic
		Patch/Patchset Deployment	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 FUBS_Application_Deployment_Weblogic
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		

1.4.5 SWITCH Interface Installation

All documents can be referred under FCUBS Components > Switch.

Building Ear for Monitor	This section explains the detailed instructions to be followed for Building Monitor EAR, it explains the step by step instructions for building the EAR with the corresponding property file. Refer to the document Switch_Monitor_Installation  For running Monitor setup, switch EAR should be available

1.4.6 FCUBS Process Flow Deployment

All documents can be referred under FCUBS 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 Standalone_Scheduler_Property_File_Creation



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