

Oracle FLEXCUBE Installation Guide  
Oracle FLEXCUBE Universal Banking  
Release 11.3.0  
[May] [2011]  
Oracle Part Number E51534-01



---

# 1. Oracle FLEXCUBE Installation Guides

## 1.1 Introduction

This chapter guides you through the Oracle FLEXCUBE Universal Banking Installer patterns. This guide helps you get an outline of the chapters included in the Installation Guides and provides a summary of the information available in each chapter. You can identify the chapters containing the details of each activity that you will perform during Oracle FLEXCUBE installation.

## 1.2 About the Installer

### 1.2.1 New in Installer 11.3

The following new components are available in Oracle FLEXCUBE Universal Banking Installer 11.3:

- ELCM (Embedded) is included as a Plug-in
- EMS embedded with Scheduler
- BIB is included as a Plug-in
- Manual provided deployment of Decentralized Branch on tomcat
- Supports all the new modules which are released in FC\_UBS\_V.UM\_11.0.0.0.0.0

### 1.2.2 Activities Supported by Installer 11.3

Oracle FLEXCUBE Universal Banking Installer 11.3 supports the following:

- Oracle FLEXCUBE UBS application building of version 10.5 along with versions 10.2, 10.2.2, 10.3, 10.4 and 10.5
- Installation of Oracle FLEXCUBE schema version 10.5 along with versions 10.0, 10.1, 10.2, 10.2.2, 10.3, 10.4 and 10.5
- Gateway applications building (EJB, MDB, Servlet and Web Services)
- Database installation using RMAN and template

### 1.2.3 Limitations of Installer 11.3

Oracle FLEXCUBE Universal Banking Installer has the following limitations:

- Does not support deployment of applications using installer
- Does not support OEMGC and Gateway Notify MDB

## 1.3 Organization

The Installation Manuals are organized as follows:

<b>1. Setting up Oracle FLEXCUBE Installer (<a href="#">View</a>)</b> Before installing Oracle FLEXCUBE, you need to set up Oracle FLEXCUBE Installer on the server. This document explains the methods of setting up the installer and the JAR files required for that. This document includes the following chapters:	
<b>Chapter 1</b>	<i>Setting up Oracle FLEXCUBE Installer</i> explains the prerequisites and the methods to set up Oracle FLEXCUBE Universal Banking Installer.
<b>Chapter 2</b>	<i>Troubleshooting</i> guides you through the methods to troubleshoot certain scenarios while installing Oracle FLEXCUBE.

<b>2. Setting up Database (<a href="#">View</a>)</b> This covers the steps to install the Host and Branch database. These steps include Load objects, Import Dump, Basic Setup, Clone Database and RMAN Based Restoration and Backup. This document includes the following chapters:	
<b>Chapter 1</b>	<i>Setting up Database</i> explains the prerequisites and the checks to be performed before you begin with the database setup.
<b>Chapter 2</b>	<i>Installing Oracle FLEXCUBE Database</i> describes the method of database installation for Oracle FLEXCUBE.
<b>Chapter 3</b>	<i>Setting up FGL Database</i> describes the method of database installation for FGL system.
<b>Chapter 4</b>	<i>Setting up ELCM Database</i> describes the method of database installation for ELCM system.
<b>Chapter 5</b>	<i>RMAN Based Restoration and Backup</i> describes the restoration and backup activities based on RMAN.

<b>3. Setting up Property File (<a href="#">View</a>)</b> This explains the method to create and modify property files for Oracle FLEXCUBE UBS Application. This document includes the following chapters:	
<b>Chapter 1</b>	<i>Setting up Property File</i> explains the prerequisites for setting up property files for Oracle FLEXCUBE and Gateway Applications.
<b>Chapter 2</b>	<i>Creating Property File for Oracle FLEXCUBE</i> explains the steps to create property files for Oracle FLEXCUBE UBS Application.

<b>Chapter 3</b>	<i>Creating Property File for FGL Application</i> explains the methods to create property files for Oracle FGL Application. This also contains the properties for various plug-ins.
<b>Chapter 4</b>	<i>Creating Property File for ELCM Application</i> explains the methods to create property files for ELCM Application. This also contains the properties for various plug-ins.
<b>Chapter 5</b>	<i>Creating Property File for Gateway Applications</i> explains the steps to create the property file for the gateway components viz. Enterprise Java Bean (EJB), Message Driven Beans (MDB) and Web Services and Servlet.

#### 4. Oracle FLEXCUBE UBS Application Setup ([View](#))

This manual gives systematic instructions for setting up Oracle FCUBS Application in centralized mode. In centralized mode, Oracle FLEXCUBE Host and Branch components are bundled together to generate a single Enterprise Application (EAR). This single EAR file is then deployed to an Enterprise Application Server.

This document includes the following chapters:

<b>Chapter 1</b>	<i>Setting up Application in Centralized Mode</i> gives systematic instructions for setting up Oracle FCUBS Application in centralized mode.
<b>Chapter 2</b>	<i>Pre-Deployment Tasks</i> details out the pre-deployment tasks based on the on the selected plug-ins.

#### 5. Oracle FGL Application Setup ([View](#))

This explains the steps to build the Oracle FGL Application in centralized mode.

This document includes the following chapters:

<b>Chapter 1</b>	<i>Setting up Oracle FGL</i> explains the steps to build the Oracle FGL Application in centralized mode.
<b>Chapter 2</b>	<i>Pre-Deployment Tasks</i> details out the pre-deployment tasks based on the on the selected plug-ins.

#### 6. ELCM Application Setup ([View](#))

This document explains the steps to build ELCM as standalone application. It includes the ELCM standalone database and Application installation.

This document includes the following chapters:

<b>Chapter 1</b>	<i>Setting up Standalone ELCM</i> explains the steps to build ELCM as standalone application.
<b>Chapter 2</b>	<i>Pre-Deployment Tasks</i> details out the pre-deployment tasks based on the on the selected plug-ins.

## 7. Gateway Application Setup ([View](#))

This explains the steps to create the property file for the gateway components (i.e. EJB, MDB, Web Services, Servlet and Notify MDB) to build and deploy the Gateway application.

This document includes the following chapters:

<b>Chapter 1</b>	<i>Setting up Gateway for Oracle FLEXCUBE</i> explains the steps for setting up the Gateway Application for Oracle FLEXCUBE.
<b>Chapter 2</b>	<i>Post Building Activity</i> introduces you to the activities to be carried out after setting up the gateway applications.

## 8. Setting up Client Browsers ([View](#))

Client browsers are required to run Oracle FLEXCUBE and other applications. You need to configure the browsers after installation in order to run these applications properly.

This document includes the following chapters:

<b>Chapter 1</b>	<i>Setting up Client Browsers</i> explains the configurations required for the browsers after installation in order to run the applications properly.
------------------	---

## 9. BIP Web Service Reports ([View](#))

This explains the steps to setup the BIP Web Services based reports server.

This document includes the following chapters:

<b>Chapter 1</b>	<i>Setting up BIP Web Services Reports Server</i> explains the steps to setup the BIP Web Services based reports server.
<b>Chapter 2</b>	<i>Deploying Reports</i> explains the steps to deploy the BIP reports.
<b>Chapter 3</b>	<i>Creating Roles and Users in Oracle BI Publisher</i> explains the steps to create roles in Oracle BI Publisher. It also guides you through the methods to assign new users to such roles.

## 10. Branch Deployment on TomCat ([View](#))

This explains the steps to deploy Decentralized Branch Application.

This document includes the following chapters:

<b>Chapter 1</b>	<i>Deploying Decentralized Branch Application</i> explains the steps to deploy Decentralized Branch Application.
------------------	--

<b>11. Setting up Decentralized Branch Database (<a href="#">View</a>)</b>	
This explains the steps to install Decentralized Branch Database.	
This document includes the following chapters:	
<b>Chapter 1</b>	<i>Setting up Decentralized Branch Database</i> explains the steps to install Decentralized Branch Database. These steps include the use of Load objects. This tool automates the creation of the database. The database created using this tool will have the database objects that are available in the software source.

### 1.3.1 **Oracle WebLogic**

<b>1. Resource Creation on WebLogic Application Server (<a href="#">View</a>)</b>	
This explains the method of managing data source, creation of JMS queues, connection factories and SSL setup that are required on the Weblogic application server.	
This document includes the following chapters:	
<b>Chapter 1</b>	<i>Creating Resources on WebLogic</i> explains the steps to be executed to deploy the FCUBS application and gateway application in application server.

<b>2. Gateway Application Deployment on Weblogic (<a href="#">View</a>)</b>	
This explains the process of deployment of Oracle FLEXCUBE Gateway application on WebLogic application server using admin console.	
This document includes the following chapters:	
<b>Chapter 1</b>	<i>Setting up Gateway Application for WebLogic</i> explains the method of installation of Oracle FLEXCUBE UBS Application Integration Gateway components.
<b>Chapter 2</b>	<i>Installing Gateway</i> explains the steps to install gateway components, viz. Enterprise Java Bean (EJB), Message Driven Beans (MDB), Web Services and Servlet.

<b>3. SSL Configuration on Weblogic (<a href="#">View</a>)</b>	
This explains the SSL configuration required for Weblogic application server, using admin console.	
This document includes the following chapters:	
<b>Chapter 1</b>	<i>Configuring SSL on Oracle WebLogic</i> details out the configurations for SSL on Oracle WebLogic application server.
<b>Chapter 2</b>	<i>Choosing the Identity and Trust Stores</i> included the recommendations for identity and trust stores.
<b>Chapter 3</b>	<i>Obtaining Identity Store</i> explains the methods to create identity stores.

<b>Chapter 4</b>	<i>Configuring Identity and Trust Stores for WebLogic</i> explains the method to enable SSL on WebLogic and to configure identity and trust stores.
<b>Chapter 5</b>	<i>Setting SSL attributes for Managed Servers</i> explains the method to set SSL attributes for private key alias and password.
<b>Chapter 6</b>	<i>Testing Configuration</i> explains the method to launch the application for testing.

#### **4. Deploying Oracle FLEXCUBE Application on WebLogic ([View](#))**

This explains the steps to deploy Oracle FLEXCUBE UBS application into Oracle WebLogic application server in centralized and decentralized modes.

This document includes the following chapters:

<b>Chapter 1</b>	<i>Deploying Oracle FLEXCUBE on WebLogic</i> explains the steps to deploy Oracle FLEXCUBE UBS application into Oracle WebLogic application server in centralized and decentralized modes. In centralized mode, branch and host are setup in a single PC. In decentralized mode, branch and host are setup in different PCs.
------------------	---

### **1.3.2 IBM WebSphere**

#### **1. Resource Creation on WebSphere ([View](#))**

This explains the steps to create resources on WebSphere application server and Queues in WebSphere MQ server.

This document includes the following chapters:

<b>Chapter 1</b>	<i>Creating Resources on WebSphere</i> explains the steps to create resources on WebSphere application server and Queues in WebSphere MQ server.
<b>Chapter 2</b>	<i>Creating JDBC Resources on Web Sphere</i> guides you through the process of JDBC resource creation on IBM WebSphere application server.
<b>Chapter 3</b>	<i>Default Settings for Web Sphere</i> explains the default settings for WebSphere.
<b>Chapter 4</b>	<i>Configuring Mail Session on WebSphere</i> describes the method to configure WebSphere application server for Oracle FLEXCUBE to generate and send passwords to the users via e-mail.
<b>Chapter 5</b>	<i>Annexure</i> explains the methods to increase heap size and to set the transaction service properties.

## 2. Gateway Application Setup on WebSphere ([View](#))

This explains the steps to install of Oracle FLEXCUBE UBS application integration gateway components.

This document includes the following chapters:

<b>Chapter 1</b>	<i>Gateway Applications on WebSphere</i> explains the steps to install of Oracle FLEXCUBE UBS application integration gateway components.
<b>Chapter 2</b>	<i>Installing Gateway</i> explains the steps to install gateway components, viz. Enterprise Java Bean (EJB), Message Driven Beans (MDB), Web Services and Servlet.

## 3. SSL Configuration on WebSphere ([View](#))

This explains the process of configuring SSL on IBM WebSphere application server.

This document includes the following chapters:

<b>Chapter 1</b>	<i>Configuring SSL on WebSphere</i> guides you through the process of configuring SSL on IBM WebSphere application server.
------------------	--

## 4. Deploying Oracle FLEXCUBE Application on WebSphere ([View](#))

This explains the steps to deploy the Oracle FLEXCUBE UBS application on IBM WebSphere application server.

This document includes the following chapters:

<b>Chapter 1</b>	<i>Deploying Oracle FLEXCUBE on WebSphere</i> explains the steps to deploy the Oracle FLEXCUBE UBS application on IBM WebSphere application server.
------------------	---





Oracle FLEXCUBE Installation Guide  
[May] [2011]  
Version 11.3.0

Oracle Corporation  
World Headquarters  
500 Oracle Parkway  
Redwood Shores, CA 94065  
U.S.A.

Worldwide Inquiries:  
Phone: +1.650.506.7000  
Fax: +1.650.506.7200  
[www.oracle.com/ financial\\_services/](http://www.oracle.com/financial_services/)

Copyright © [2011] Oracle Financial Services Software Limited. All rights reserved.

No part of this work may be reproduced, stored in a retrieval system, adopted or transmitted in any form or by any means, electronic, mechanical, photographic, graphic, optic recording or otherwise, translated in any language or computer language, without the prior written permission of Oracle Financial Services Software Limited.

Due care has been taken to make this document and accompanying software package as accurate as possible. However, Oracle Financial Services Software Limited makes no representation or warranties with respect to the contents hereof and shall not be responsible for any loss or damage caused to the user by the direct or indirect use of this document and the accompanying Software System. Furthermore, Oracle Financial Services Software Limited reserves the right to alter, modify or otherwise change in any manner the content hereof, without obligation of Oracle Financial Services Software Limited to notify any person of such revision or changes.

All company and product names are trademarks of the respective companies with which they are associated.