

Oracle FLEXCUBE Installation Guide  
Oracle FLEXCUBE Investor Servicing  
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# 1. About the Manual

## 1.1 Introduction

This manual is designed to help acquaint you with the installation of Oracle FLEXCUBE.

## 1.2 Audience

This manual is intended for the following User/User Roles:

Role	Function
Implementation team	Implementation of Oracle FLEXCUBE Universal Banking Solution

The user of this manual is expected to have basic understanding of Oracle Weblogic, IBM Websphere and Oracle Database.

## 1.3 Abbreviations and Acronyms

This guide may refer to the following abbreviations:

Abbreviation	Description
FCUBS	Oracle FLEXCUBE Universal banking Solutions
FCIS	Oracle FLEXCUBE Investor Servicing
BIP	Oracle Business Intelligence Publisher
RMAN	
DMS	
OEM	Oracle Enterprise Manager
EMS	Electronic Messaging Service
EJB	Enterprise Java Bean
MDB	Message Driven Beans

## 1.4 Organization

This section helps you get an outline of the chapters included in the Installation Manuals and provides a summary of each chapter. You can identify the chapters containing the details of each activity that you will perform during Oracle FLEXCUBE installation.

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>Prerequisites for Oracle FLEXCUBE Installer</i> lists out the tasks that you need to complete before the installation of Oracle FLEXCUBE.
<b>Chapter 2</b>	<i>Setting up Oracle FLEXCUBE Installer</i> explains the methods to set up Oracle FLEXCUBE Universal Banking Installer.
<b>Chapter 3</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 FCIS 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 FCIS 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. Gateway 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.

#### **6. 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.

<b>7. BIP Web Service Reports (<a href="#">View</a>)</b>	
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.

<b>8. Reports DSN Entries Utility (<a href="#">View</a>)</b>	
This document explains the steps to set up the reports DSN entries using Oracle FLEXCUBE Universal Banking Installer.	
This document includes the following chapter:	
<b>Chapter 1</b>	<i>Reports DSN Entries Utility</i> explains the steps to set up the reports DSN entries using Oracle FLEXCUBE UBS Installer.

### 1.4.1 **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 FCIS 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.

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

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.
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### 5. Oracle HTTP Server Configuration for FLEXCUBE ([View](#))

This document explains the configurations required for Oracle HTTP Server for Oracle FLEXCUBE.

This document includes the following chapter:

<b>Chapter 1</b>	<i>Oracle HTTP Server Configuration for FLEXCUBE</i> explains the configurations required for Oracle HTTP Server for Oracle FLEXCUBE.
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## 1.4.2 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.
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### 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:

**Chapter 1**

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



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