

# Oracle® Banking Payments

## Payments Installer Prerequisite Document



Release 14.8.0.0.0  
G32368-02  
May 2025

ORACLE®

Copyright © 2017, 2025, Oracle and/or its affiliates.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software, software documentation, data (as defined in the Federal Acquisition Regulation), or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software," "commercial computer software documentation," or "limited rights data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle®, Java, MySQL, and NetSuite are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

# Contents

1	Preface	
1.1	Purpose	1-1
1.2	Audience	1-1
1.3	Documentation Accessibility	1-1
1.4	Critical Patches	1-1
1.5	Diversity and Inclusion	1-2
1.6	Conventions	1-2
2	Installer Prerequisite Setup	

# 1

## Preface

- [Purpose](#)
- [Audience](#)  
This manual is intended for the following User/User Roles:
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Conventions](#)

### 1.1 Purpose

This guide is designed to help acquaint you with the Oracle Banking Payments application. This guide provides answers to specific features and procedures that the user need to be aware of the module to function successfully.

### 1.2 Audience

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

**Table 1-1 User Roles**

Role	Function
Implementation & IT Staff	Implementation & Maintenance of the Software

### 1.3 [Documentation Accessibility](#)

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

#### **Access to Oracle Support**

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

### 1.4 Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches, Security Alerts and Bulletins](#). All critical patches should be applied in a timely manner to make sure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

## 1.5 Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

## 1.6 Conventions

The following text conventions are used in this document:

Convention	Meaning
<b>boldface</b>	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

# 2

## Installer Prerequisite Setup

The Overview of this document is to share you the knowledge on how Installer is designed both in windows as well as in Linux.



### Note:

Install Oracle DB Client 19C

Maintain JAVA Latest Version :: JDK 17 +

Application Server :: Weblogic Latest Version - 14.1.2.0.0

Two installer modes has to be used during setup of environment:

#### 1. GUI Installer –

Located under \INSTALLER\SOFT\GUI - Run './FCUBSInstaller.bat file'

GUI Installer will be required for below activities:

- Property File Creation
- Basic Setup
- Environment Property file configuration

#### 2. Silent Installer –

Located under \INSTALLER\SOFT

Silent Installer will be required for below activities:

- Database Setup
- WAR Build

#### 3. In Linux – For creating the property file

##### a. Following steps to set the variables:

```
export JAVA_HOME=JAVA_HOME
```

```
path export
```

```
PATH=JAVA_HOME/bin:$PATH
```

```
export ORACLE_HOME=ORACLE_HOME path
```

```
export PATH=ORACLE_HOME/bin:$PATH
```

##### b. Now traverse to the path where FCUBSInstaller.sh file is present in the server.

##### c. Give access rights to the file and Run './FCUBSInstaller.sh' file.

##### d. Provide the necessary home path to set and launches the Installer.

##### e. Run the './FCUBSInstaller.sh' file in any graphical desktop sharing system like TigerVNC.

**Figure 2-1 Application Places System**

```

bash-4.4$ ./FCUBSInstaller.sh

calling exit
in beginning
.
Flex Cube UBS : Release 12.5.0.0.0 - Production on
.
Copyright (c) 2016, Oracle Financial Services Software Ltd. All rights reserved.
.
FLEXCUBE INSTALLER running in *** EXEC *** mode
.
.
#####
Enter JAVA HOME Directory:
/scratch/software/jdk-17.0.13
Java Home Path has been set successfully.
.
.
#####
Enter Application Server Home:
/scratch/fmW1412/wlserver
WEBLOGIC Application Server Home has been set successfully.
.
#####
Enter ORACLE Home Directory:
/scratch/db/db1917/product/19.0.0/dbhome_1

```

**Source Structure :**

The Installation can be done in different ways and Source Structure should be maintained as below:

The PM\_OSDC.zip can be used without any modifications

**4. Environment Setup Steps:**

Below are the sequence of steps to be followed during Environment Setup:

**a. Property File Creation: (Refer: Installer\_Property\_File\_Creation.doc)**

Two property files will get generated

- "fcubs.properties" required for application (WAR).
- "env.properties" common property required for database compilation and Application WAR file generation.

**b. Populating environment property file: (Refer next section)**

The env properties file which got generated in \INSTALLER\SOFT\GUI\logs path need to be manually copied to \INSTALLER\SOFT\logs path.

The FCUBS\_PROPERTIES\_PATH in env properties should be manually edited after copying (whole path with filename should be specified).

**c. Database Setup: (Refer: Installer\_DB\_Setup.doc)**

Database setup involves DDL Load, Object Compilation and Static Data Compilation.

**d. Basic Setup: (Refer: Installer\_DB\_Setup.doc)**

Post INC Load, basic setup has to be done. Basic Setup is done using GUI Installer.

**e. Application WAR build: (Refer: Installer\_WAR\_Building Document)**

Payments Application and Gateway WAR build can be done using the silent installer

**f. Services Installation Guide: (Refer: obpm\_Servicss\_Installation\_Guide)**

**Environment Property file configuration:**

**Figure 2-2 Environment Property file configuration**

```
#Thu Apr 17 13:39:05 IST 2025
TNS_ADMIN_HOME=
OBMA_PRODUCT_INSTALLED=N
EXTERNAL_PROPERTY_PATH=
ENTITY_ID1=ENTITY_ID1
EAR_NAME=FCUBS
COMPILE_IN_ALL_ENTITIES=N
PATCHSET_INSTALLATION=N
CONNECTING_STRING_ENTITY_ID1=xxxxxxxxxxx
DESTINATION_PATH=D:/OBPM_14.8.0.0.0/EARLOCATION
CONNECTING_STRING_SMS=xxxxxxxxxxxxxxxxx
EXTERNAL_JSUIXML_REQUIRED=Y
PORT_ENTITY_ID1=1521
EAR_DESTINATION_PATH=D:/OBPM_14.8.0.0.0/EARLOCATION
APPSERVER_HOME=D:/FMW1412/wlserver
GW_PROPERTIES_PATH=D:/OBPM_14.8.0.0.0/INSTALLER/SOFT/logs/GW_WS_Prop.properties
CLOUD_INSTALLATION=N
SERVICE_NAME_ENTITY_ID1=8WjKNtpwSydJj1SKkcOjfw6DiBMSnZCppSMkWG==
PASSWORD=
AUTONOMOUS_DATABASE_INSTALLED=N
ZDT_OBJECTS_ACTUALIZATION_REQUIRED=Y
SYMMETRIC_KEY=oraclefinancials
SINGLE_FIX_SOURCE=N
ZDT_OBJECTS_COMPILE_THREAD=1
SOURCE_PATH=D:/OBPM_14.8.0.0.0/
BASE_EDITION=
APPLICATION_TYPE=FCUBS
EXTERNAL_JSUIXML_PATH=/scratch/work_area/OBPM148/JSUIXML/
NUMBER_OF_CPU_CORES_FOR_ZDT_RECOMP=4
JAVA_HOME=C:/Program Files/Java/jdk-17
PM_Config_Path=D:/OBPM_14.8.0.0.0/PM/INSTALLER/SOFT/config/Application
CONTEXT_NAME=FCJNeoWeb
DECENTRALIZED=N
ENTITY_NOS=1
SCHEMA_NAME_SMS=7HC2QaZ7PS5Iiud/g/K1GqXZ030UDWSZqdM=
SCHEMA_NAME_ENTITY_ID1=7HC2QaZ7PS5Iiud/g/K1GqXZ030UDWSZqdM=
SCHEMA=
PORT_SMS=1521
DECENTRALIZED_FCUBS_PROPERTIES_PATH=
ORACLE_HOME=D:/app/client/product/19.0.0/client_1
JSESSION_ID=
ZDT_PATCHING=N
WEBLOGIC_HOME=D:/FMW1412/wlserver
PASSWORD_SMS=7HC2QaZ7PS5IikmY4R8gFuWSAaC0TT0ALKIH+Mdq
USER_NAME=
HOST_SMS=jQ23W6kEXUku/TiJp8u7FmJa+3IrNfo0w56TMjU=
SERVICE_NAME_SMS=8WjKNtpwSydJj1SKkcOjfw6DiBMSnZCppSMkWG==
PATCHSET_EDITION=
HOST_ENTITY_ID1=jQ23W6kEXUku/TiJp8u7FmJa+3IrNfo0w56TMjU=
PASSWORD_ENTITY_ID1=7HC2QaZ7PS5IikmY4R8gFuWSAaC0TT0ALKIH+Mdq
ConfigPath=D:/OBPM_14.8.0.0.0/INSTALLER/SOFT/config/Application
FCHome=D:/OBPM_14.8.0.0.0/Console/
EXTERNAL_PROPERTY_PATH_REQUIRED=N
FCUBS_PROPERTIES_PATH=D:/OBPM_14.8.0.0.0/INSTALLER/SOFT/GUI/fcubs.properties
varedited=N
```

<b>Config Path</b>	Absolute path to the folder containing the config files are to be provided. This is located under INSTALLER\SOFT\config\Application
<b>JDK Path</b>	Provide Home folder path of JDK 17
<b>Oracle Home</b>	Provide home folder path of Oracle Client or Database
<b>Source Path</b>	Specify the source file path.



<b>FCUBS_PROPERTIES_PATH</b>	Path where the FCUBS property file is located.
<b>GW_PROPERTIES_PATH</b>	Provide the Gateways Properties Path.
<b>APPLICATION_TYPE</b>	Application Type is maintained as per the Application Name selected in the GUI Installer.
<b>EAR_NAME</b>	Specify a name for the Application to be created.
<b>CONTEXT_NAME</b>	Specify a name for the Application Context.

BAT/SH files that be used for build and resulting artifact names that will be generated are as mentioned below:

Component Selection	Script File	Artifact Output
Application + Scheduler Embedded	Standalone: PMEarRun.bat..sh Co-deployed: GenericEarRun.bat/.sh	<ul style="list-style-type: none"> <li>• FCJNeoWeb.war (Scheduler embedded)</li> <li>• SMWeb.war (For Standalone SMS Service)</li> <li>• FCJPlatoReST.war</li> </ul>
Application without Scheduler	Standalone: PMEarRun.bat..sh Co-deployed: GenericEarRun.bat/.sh	<ul style="list-style-type: none"> <li>• FCJNeoWeb.war (No Scheduler)</li> <li>• SMWeb.war (For Standalone SMS Service)</li> <li>• FCJPlatoReST.war</li> </ul>
Standalone Scheduler	GenericSchedulerEarRun.bat/.sh	FCJSchedulerWeb.war
GW-MDB	GWMDBEarRun.bat/.sh	GWMDB.war

Recommended deployment model for OBPM: Application + Standalone Scheduler

For Queues and Queue Connection Factory, refer to the ResourcesList.xls.