

Oracle® Banking Payments

Payments Installer Prerequisite Document



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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.

Audience

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

Table User Roles

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

[Documentation Accessibility](#)

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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.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	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.

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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 1-1 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 1-2 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=xxxxxxxxxxxx
DESTINATION_PATH=D:/OBPM_14.8.0.0.0/EARLOCATION
CONNECTING_STRING_SMS=xxxxxxxxxxxxxxxx
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
```

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

FCUBS_PROPERTIES_PATH	Path where the FCUBS property file is located.
GW_PROPERTIES_PATH	Provide the Gateways Properties Path.
APPLICATION_TYPE	Application Type is maintained as per the Application Name selected in the GUI Installer.
EAR_NAME	Specify a name for the Application to be created.
CONTEXT_NAME	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"> • FCJNeoWeb.war (Scheduler embedded) • SMWeb.war (For Standalone SMS Service) • FCJPlatoReST.war
Application without Scheduler	Standalone: PMEarRun.bat..sh Co-deployed: GenericEarRun.bat/.sh	<ul style="list-style-type: none"> • FCJNeoWeb.war (No Scheduler) • SMWeb.war (For Standalone SMS Service) • FCJPlatoReST.war
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.