Oracle® Banking Payments
Payments Installer Prerequisite Document

Release 14.8.0.0.0

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Oracle Banking Payments Payments Installer Prerequisite Document, Release 14.8.0.0.0

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  This manual is intended for the following User/User Roles:
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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
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	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 12C,

Maintain JAVA Latest Version :: jdk1.8 and above.

Application Server :: Weblogic Latest Version - 12.2.1.2.0_wls.

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
   - EAR Build
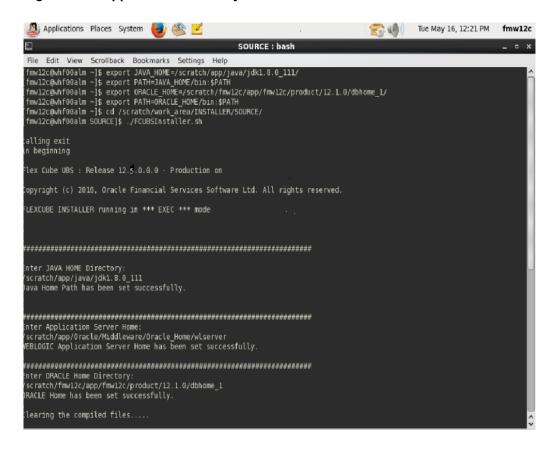
3. **In Linux – For creating the property file**

   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

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 (EAR).
- "env.properties" common property required for environment setup.

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 EAR build: (Refer: Installer_EAR_Building Document)**

FCUBS Application and Gateway EAR build can be done using the silent installer

Environment Property file configuration:

Figure 2-2   Environment Property file configuration

```
 1   #Fri Sep 22 16:54:43 IST 2017
 2   EXTERNAL_JSUIXML_REQUIRED=Y
 3   FCUBS_PROPERTIES_PATH=D:/PM125SOURCES/PM125OSDC/fcubs.properties
 4   JAVA_HOME=C:/Program Files/Java/jdk1.8.0_144
 5   DECENTRALIZED=N
 6   WEBLOGIC_HOME=C:/Oracle/Middleware/Oracle_Home/wlserver
 7   PATCHSET_INSTALLATION=N
 8   HOST_ENTITY_ID1=UKV2DnZMjNqtnOcBavtOZanIz13s66mDaAL9CF3Rt8I=
 9   DECENTRALIZED_FCUBS_PROPERTIES_PATH=
10   CONNECTING_STRING_SMS=OBPMR2
11   GW_PROPERTIES_PATH=D:/PM125SOURCES/PM125OSDC/ws/GW_WS_Prop.properties
12   CONNECTING_STRING_ENTITY_ID1=OBPMR2
13   APPLICATION_TYPE=FCUBS
14   SOURCE_PATH=D:/PM125SOURCES/Oracle_Banking_Payments_12.5.0.0.0
15   PASSWORD_SMS=A3EX8ydq9Shjv3CX7d8EEw==
16   SYMMETRIC_KEY=oraclefinancialsolutions
17   EAR_DESTINATION_PATH=D:/PM125SOURCES/Oracle_Banking_Payments_12.5.0.0.0
18   PASSWORD_ENTITY_ID1=A3EX8ydq9Shjv3CX7d8EEw==
19   PORT_ENTITY_ID1=1522
20   ENTITY_NOS=1
21   EXTERNAL_JSUIXML_PATH=/scratch/work_area/DEV/PM125OS/JSUIXML
22   SERVICE_NAME_ENTITY_ID1=CDtmrij5Y9OuKg8yYMcZSw==
23   PORT_SMS=1522
24   SCHEMA_NAME_ENTITY_ID1=UmeX9XrNxi6Bn6OTlZ5nbQ==
25   EAR_NAME=OBP125OSDC
26   COMPILE_IN_ALL_ENTITIES=N
27   APPSERVER_HOME=C:/Oracle/Middleware/Oracle_Home/wlserver
28   SERVICE_NAME_SMS=CDtmrij5Y9OuKg8yYMcZSw==
29   HOST_SMS=UKV2DnZMjNqtnOcBavtOZanIz13s66mDaAL9CF3Rt8I=
30   SCHEMA_NAME_SMS=UmeX9XrNxi6Bn6OTlZ5nbQ==
31   CONTEXT_NAME=FCJNeoWeb
32   ORACLE_HOME=D:/12Client/app/client/siramakr/product/12.1.0/client_1
33   ConfigPath=D:/PM125SOURCES/Oracle_Banking_Payments_12.5.0.0.0/INSTALLER/SOFT/config/Application
```

> **Note:**
>
> A single property file will be used for both DB Compilation and EAR build. Hence all the properties will be located in a single property file. Some properties may not be applicable during the certain setup and those can be null.

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 JDK1.8
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

Following are the examples to execute for EAR Run, Gateway EAR Run and DB Compile for both Windows and Linux.

FOR LINUX	FOR WINDOWS	PRODUCT USED
SMSDBCompileRun.sh	SMSDBCompileRun.bat	SMS DB
PMEarRun.sh	PMEarRun.bat	PAYMENTS
PMDBCompileRun.sh	PMDBCompileRun.bat	PM DB
PMGatewayEarRun.sh	PMGatewayEarRun.bat	PM GATEWAYS

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