

Payments Installer  
Prerequisite Document  
Oracle Banking Payments  
Release 14.4.0.0.0  
[May] [2020]



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## ABBREVIATIONS:

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PM : Payments

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# 1. 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

## In Linux – For creating the property file

1. 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
```

2. Now traverse to the path where FCUBSInstaller.sh file is present in the server.
3. Give access rights to the file and Run './FCUBSInstaller.sh' file.
4. Provide the necessary home path to set and launches the Installer.
5. Run the './FCUBSInstaller.sh' file in any graphical desktop sharing system like TigerVNC.

```
Applications Places System Tue May 16, 12:21 PM fmw12c
SOURCE : bash
File Edit View Scrollback Bookmarks Settings Help
[fmw12c@whf00a1m ~]$ export JAVA_HOME=/scratch/app/java/jdk1.8.0_111/
[fmw12c@whf00a1m ~]$ export PATH=JAVA_HOME/bin:$PATH
[fmw12c@whf00a1m ~]$ export ORACLE_HOME=/scratch/fmw12c/app/fmw12c/product/12.1.0/dbhome_1/
[fmw12c@whf00a1m ~]$ export PATH=ORACLE_HOME/bin:$PATH
[fmw12c@whf00a1m ~]$ cd /scratch/work_aRea/INSTALLER/SOURCE/
[fmw12c@whf00a1m SOURCE]$ ./FCUBSInstaller.sh

calling exit
in beginning

Flex Cube UBS : Release 12.5.0.0.0 - Production on

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FLEXCUBE INSTALLER running in *** EXEC *** mode

#####

Enter JAVA HOME Directory:
/scratch/app/java/jdk1.8.0_111
Java Home Path has been set successfully.

#####

Enter Application Server Home:
/scratch/app/Oracle/Middleware/Oracle_Home/wlserver
WEBLOGIC Application Server Home has been set successfully.

#####

Enter ORACLE Home Directory:
/scratch/fmw12c/app/fmw12c/product/12.1.0/dbhome_1
ORACLE Home has been set successfully.

Clearing the compiled files....
```

**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.

**Environment Setup Steps:**

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

**1. 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.

**2. 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).

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

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

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

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

**5. 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:

```
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=UKV2DnZMjNqtn0cBavtOZanIz13s66mDaAL9CF3Rt8I=
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=A3EX8ydc9Shjv3CX7d8EEw==
16 SYMMETRIC_KEY=oraclefinancialsolutions
17 EAR_DESTINATION_PATH=D:/PM125SOURCES/Oracle_Banking_Payments_12.5.0.0.0
18 PASSWORD_ENTITY_ID1=A3EX8ydc9Shjv3CX7d8EEw==
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=UmeX9XrNxi6Bn60T1Z5nbQ==
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=UKV2DnZMjNqtn0cBavtOZanIz13s66mDaAL9CF3Rt8I=
30 SCHEMA_NAME_SMS=UmeX9XrNxi6Bn60T1Z5nbQ==
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..**



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