

Payments Installer
Prerequisite Document
Oracle Banking Payments
Release 14.5.0.0.0
[May] [2021]



Table of Contents

1. INSTALLER PREREQUISITE SETUP 1-1

ABBREVIATIONS:

PM : Payments

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

Copyright (c) 2016, Oracle Financial Services Software Ltd. All rights reserved.

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..**



Oracle Banking Payments
Payments Installer Prerequisite Document
[May] [2021]
Version 14.5.0.0.0
Oracle Financial Services Software Limited
Oracle Park
Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India

Worldwide Inquiries:
Phone: +91 22 6718 3000
Fax: +91 22 6718 3001
www.oracle.com/financialservices/

Copyright © 2017, 2021, Oracle and/or its affiliates. All rights reserved.

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

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. 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 failsafe, 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.

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.

This software or hardware and documentation may provide access to or information on 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. 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.