Installer Prerequisite Document
Oracle FLEXCUBE
Release 12.5.0.0.0
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FINANCIAL SERVICES

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1. Installer Prerequisite Setup

The overview of this document is to share you the knowledge on how installer is designed.

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

1. **GUI Installer –**

    Located under \INSTALLER\GUI

    GUI Installer is 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 Building

Source Structure:

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

1. ROFC without OBCL:

The ROFC_OSDC.zip can be used without any modifications.

2. ROFC with OBCL:

The OBCL folder from OBCL_OSDC.zip should be copied parallel to

INFRA folder of ROFC_OSDC.zip.

3. OBCL without ELCM:

The OBCL_OSDC.zip can be used without any modifications.

4. OBCL with ELCM:

ELCM and POJO folders from ELCM_OSDC.zip should be copied parallel to INFRA folder of OBCL_OSDC.zip

In addition, copy the following class folders from \INFRA of ELCM OSDC.zip file to OBCL\INFRA folder

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- ELCMCommon
- ELCMDto
- ELCMEJB
- ELCMEntities
- ELCMGateway
- ELCMKernel
- ELCMKernelJpa
- ELCMUtility
- ELCMWeb

5. ELCM: The ELCM_OSDC.zip can be used without any modifications.

6. PM: The PM_OSDC.zip can be used without any modifications.

7. CO-DEPLOY: The OBCL folder from OBCL_OSDC.zip and PM folder from PM_OSDC.zip should be copied parallel to INFRA folder of ROFC_OSDC.zip

Environment Setup Steps:

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

1. **Property File Creation:** (**Refer: Installer_Property_File_Creation.pdf**)

   Two property files are generated

   - "fcubs.properties", i.e. required for application EAR building.
   - "env.properties", i.e. common property required for environment setup.

2. **Maintaining environment property file: (Refer next section)**

   Modification of the generated "env.properties", if required, is to be done in this step.

3. **Database Setup: (Refer: FCUBS_DB_Setup.pdf)**

   Database setup involves DDL Load, Object Compilation and Static Data Compilation. This is done using the silent installer.

4. **Basic Setup:** (**Refer: FCUBS_DB_Setup.pdf**)

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

5. **Application EAR build:** (**Refer**: **FCUBS_EAR_Building.pdf**)

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

Environment Property file configuration:

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```
#Mon Oct 17 15:24:09 IST 2016
ConfigPath=D:/FCUBS_12.4.0.0.0/INSTALLER/SOFT/config/Application
JAVA_HOME=C:/Program Files/Java/jdk1.8.0_121
APPSERVER_HOME=C:/WL_Oracle1/wlserver
ORACLE_HOME=C:/app/prarasto/product/11.2.0/client_3
WEBLOGIC_HOME=C:/WL_Oracle1/wlserver
varedited=N
PATCHSET_INSTALLATION=N
SOURCE_PATH=D:/FCUBS_12.4.0.0.0
DESTINATION_PATH=D:/FCUBS_12.4.0.0.0
FCUBS_PROPERTIES_PATH=D:/FCUBS_12.4.0.0.0/INSTALLER/SOURCE/fcubs.properties
DECENTRALIZED=N
DECENTRALIZED_FCUBS_PROPERTIES_PATH=
GW_PROPERTIES_PATH=
APPLICATION_TYPE=ELCM
EAR_NAME=FCUBSAPP
CONTEXT_NAME=FCJNeoWeb
EXTERNAL_JSUIXML_REQUIRED=Y
EXTERNAL_JSUIXML_PATH=/scratch/work_area/DEV/FC124OSDC/EXT_JS_UIXML
#fcubs.properties
FCHome=D:/FCUBS_12.4.0.0.0
APPSERVER_HOME=C:/WL_Oracle1/wlserver
USER_NAME=OSDC124
PASSWORD=VBt6yN9gGpen/fP/peXYsw==
SCHEMA=FC124OSDC
```

NOTE: A single property file is used for both DB Compilation and EAR build. Hence all the properties are located in a single property file. Some properties may not be applicable during a certain setup and those should not be modified (should be left with default values).

ConfigPath

Absolute path to the folder containing the configuration files, is to be provided. Configuration files are located under \INSTALLER\SOFT\config\Application

JAVA_HOME   Absolute path to the home folder of JDK 1.8 is to be provided.

ORACLE_HOME Absolute path to the home folder of Oracle Database Client is to be provided.

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This property should not be changed. This is an internal property required by installer to identify if any changes are required in env.properties

SOURCE_PATH and **DESTINATION_PATH**

Specify the destination directory. Here destination path should be same as the source file path

FCUBS_PROPERTIES_PATH

Absolute path where the fcubs.properties file, is to be provided.

GW_PROPERTIES_PATH

Absolute path to the Gateway Properties file is to be provided.

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

FCHome

Provide the absolute path for FCHome(folder containing FCHome.ini file). This will be the source path for DB setup/EAR building.

USER_NAME

Give the Schema Name

PASSWORD

Here Password should be Encrypted. As Schema details provided by the GUI Installer, the env.properties file generates with the encrypted password.

SCHEMA

Give the Instance Name.

NOTE: Paths have to be maintained with '/' separator as it is maintained only for WINDOWS. '\' slash is considered as an escape character so '/' slash is given in windows.

On launch of GUI Installer, the property file which is created in **\INSTALLER\GUI\logs**, needs to be manually copied to **\INSTALLER\SOFT\logs** path for EAR creation and Back-end build, whichis done by the Silent Installer.

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