

Oracle® Database

Installer Prerequisite Document



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Oracle Database Installer Prerequisite Document, Release 14.7.5.0.0

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Contents

1 Preface

1.1	Purpose	1-1
1.2	Audience	1-1
1.3	Documentation Accessibility	1-1
1.4	Conventions	1-1
1.5	Critical Patches	1-2
1.6	Diversity and Inclusion	1-2
1.7	Basic Actions	1-2
1.8	Prerequisite	1-3
1.9	Screenshot Disclaimer	1-3

2 Installer Prerequisite Setup

2.1	Environment Setup Steps	2-1
2.2	Environment Property File Configuration	2-4

1

Preface

- [Purpose](#)
- [Audience](#)
- [Documentation Accessibility](#)
- [Conventions](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Basic Actions](#)
- [Prerequisite](#)
- [Screenshot Disclaimer](#)

1.1 Purpose

This guide is designed to help the user to quickly get acquainted with the Customer Standard Instructions maintenance process.

1.2 Audience

This guide is intended for the central administrator of the Bank who controls the system and application parameters and ensures smooth functionality and flexibility of the banking application.

1.3 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <https://www.oracle.com/corporate/accessibility/>.

Access to Oracle Support

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

1.4 Conventions

The following text conventions are used in this document:

Table 1-1 Conventions

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.

Table 1-1 (Cont.) Conventions

Convention	Meaning
<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.

1.5 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 ensure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

1.6 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.

1.7 Basic Actions

Table 1-2 Basic Actions

Action	Description
Approve	Used to approve the initiated report. This button is displayed, once the user click Authorize .
Audit	Used to view the maker details, checker details, and report status.
Authorize	Used to authorize the report created. A maker of the screen is not allowed to authorize the report. Only a checker can authorize a report, created by a maker.
Close	Used to close a record. This action is available only when a record is created.
Confirm	Used to confirm the performed action.
Cancel	Used to cancel the performed action.
Compare	Used to view the comparison through the field values of old record and the current record. This button is displayed in the widget, once the user click Authorize .
Collapse All	Used to hide the details in the sections. This button is displayed, once the user click Compare .
Expand All	Used to expand and view all the details in the sections. This button is displayed, once the user click Compare .

Table 1-2 (Cont.) Basic Actions

Action	Description
New	Used to add a new record. When the user click New , the system displays a new record enabling to specify the required data.
OK	Used to confirm the details in the screen.
Save	Used to save the details entered or selected in the screen.
View	Used to view the report details in a particular modification stage. This button is displayed in the widget, once the user click Authorize .
View Difference only	Used to view a comparison through the field element values of old record and the current record, which has undergone changes. This button is displayed, once the user click Compare .
Unlock	Used to update the details of an existing record. System displays an existing record in editable mode.

1.8 Prerequisite

Specify the **User ID** and **Password**, and login to **Home** screen.

1.9 Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

2

Installer Prerequisite Setup

This topic explains the systematic instructions on how the Installer is designed.

Install the 12C Client and JAVA latest version.

If the target database is Autonomous Database, TNS_ADMIN must be configured. Refer to the topic [#unique_22](#) for detailed steps to configure TNS_ADMIN.

1. During the setup of the environment, two installer modes are to be used:
 - a. GUI Installer
 - b. Silent Installer
 2. The **GUI Installer** is located under \INSTALLER\SOFT\GUI. The GUI installer is required for the below activities
 - a. Property File Creation
 - b. Basic Setup
 - c. Environment Property File Configuration
 3. The **Silent installer** is located under \INSTALLER\SOFT. The Silent installer is required for below activities,
 - a. Database Setup
 - b. EAR Build
- [Environment Setup Steps](#)
This topic explains the systematic instructions to setup the environment.
 - [Environment Property File Configuration](#)
This topic explains the Environment Property File Configuration.

2.1 Environment Setup Steps

This topic explains the systematic instructions to setup the environment.

To setup the environment, refer to the below Environment setup table.

Table 2-1 Environment Setup

Environment Setup	Description
Property File Creation	Two property files are generated: • "fcubs.properties" required for application (EAR). • "env.properties" common property required for environment setup. For more information, refer to Oracle FLEXCUBE Universal Banking Property File Creation

Table 2-1 (Cont.) Environment Setup

Environment Setup	Description
Populating environment property file	The Database properties are to be populated from the "env.properties" generated during property file creation. The rest of the properties are to be manually updated.
NLS LANG settings	Before moving to the DB setup, the NLS_LANG parameter has to be added to the local system environment variables.
For Windows	1. This can be done by browsing to My Computer\Properties\Advanced system settings\Environment Variables or Control Panel\All Control Panel Items\System\Advanced system settings\Environment Variables. Here, the NLS_LANG parameter can be added with variable name as NLS_LANG and value as AMERICAN_AMERICA.UTF8. Refer to System Property screen. 2. After this, go to Run(shortcut: Windows+R), enter regedit, and click OK. It will open Registry Editor. Here, under Oracle DB KEY, the NLS_LANG parameter can be added with variable name as NLS_LANG and value as AMERICAN_AMERICA.UTF8 as shown in the Registry Editor screen. 3. After this, please do a System Restart(Shutdown->Restart) to reflect the changes.
For Linux	This can be done by opening a command bash shell and by setting environment variables in the command prompt <code>export NLS_LANG=AMERICAN_AMERICA.UTF8</code>. By running the above command in the installer, the location will set the environment variable in the linux shell/terminal.
Database Setup	The Database setup involves DDL Load, Object Compilation and Static Data Compilation. For more information, refer to Oracle FLEXCUBE Universal Banking Database Setup
Basic Setup	Post INC Load, basic setup has to be done. The Basic setup is done using the GUI Installer. For more information, refer to Oracle FLEXCUBE Universal Banking Database Setup
Application EAR build	The FCUBS Application and Gateway EAR build is done using the Silent Installer. For more information, refer to Oracle FLEXCUBE Universal Banking EAR Building

Figure 2-1 System Properties

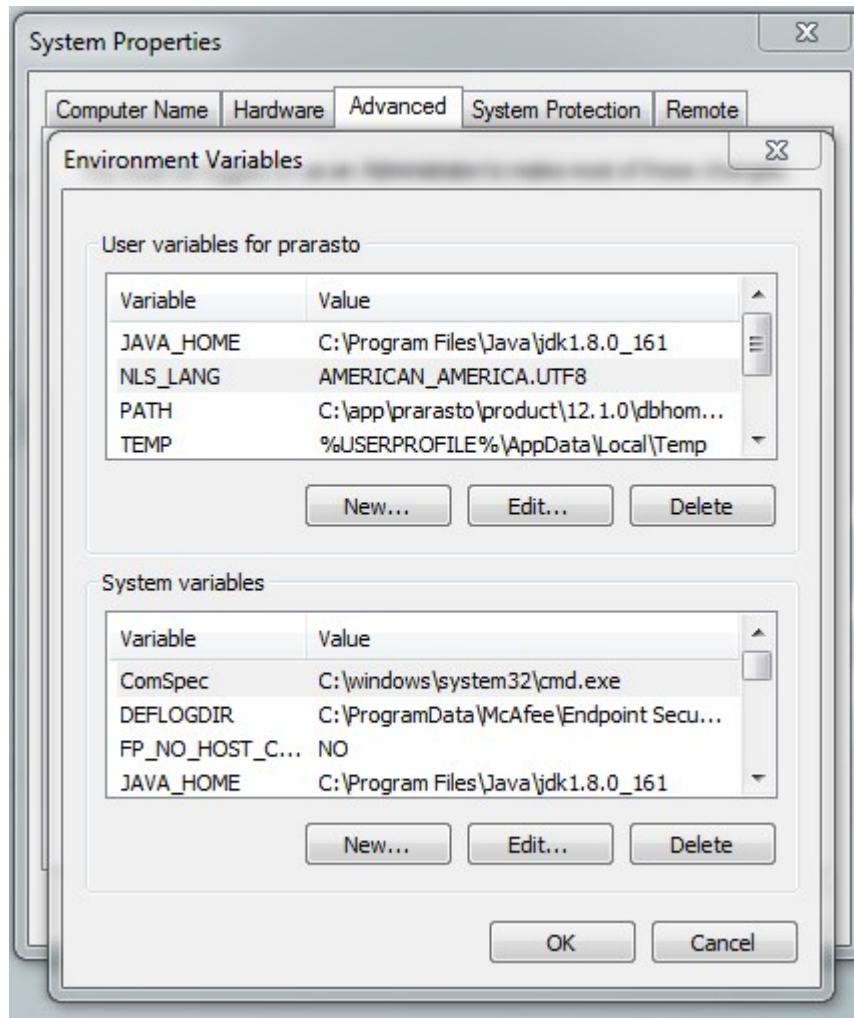
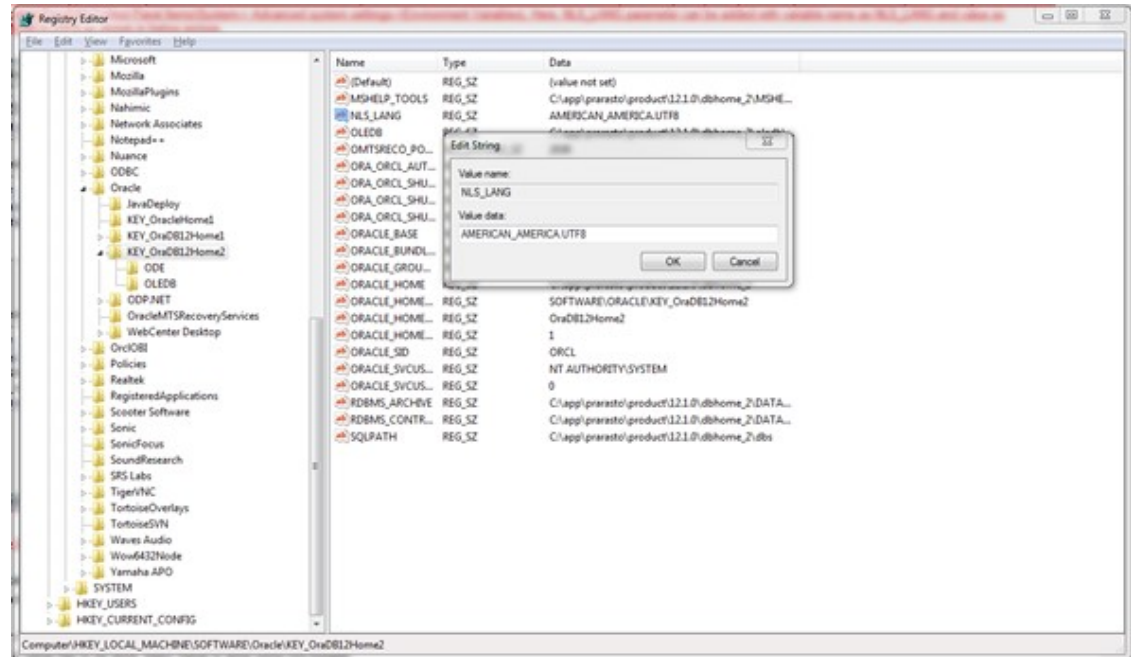


Figure 2-2 Registry Editor



2.2 Environment Property File Configuration

This topic explains the Environment Property File Configuration.

Figure 2-3 Environment Property File

```
#Mon May 07 14:01:30 IST 2018
GW_PROPERTIES_PATH=D:/14.1/INSTALLER/Console_EXEC_24apr/Console_EXEC/INSTALLER/SOFT/logs/GW_WS_Prop.properties
HOST_SMS=2/8gbcFjgT1Ki1SYgRiG9anIz13s66mDaAL9CF3Rt8I=
SYMMETRIC_KEY=oraclefinancialsolutions
ENTITY_ID2=ENTITY_ID2
ENTITY_ID1=ENTITY_ID1
PORT_SMS=1521
RECENT_BROWSE_LOCATION=C:/Users/piyushsh/Desktop/multi/fcubs.properties
CONTEXT_NAME=FCJNeoWeb
PASSWORD_SMS=AkAj+fQixVwKdpHUeRMVcQ==
SOURCE_PATH=D:/14.1/INSTALLER/Console_EXEC_24apr/Console_EXEC
SCHEMA_NAME_ENTITY_ID2=VIZoPhrT9eG7FbuqqN/EYQ==
SCHEMA_NAME_ENTITY_ID1=Gz2Vv1vp7T4XbStsj1DKwv==
EXTERNAL_PROPERTY_PATH_REQUIRED=N
WEBLOGIC_HOME=C:/Oracle/Middleware/Oracle_Home/wlserver
SCHEMA_NAME_SMS=AkAj+fQixVwKdpHUeRMVcQ==
PASSWORD_ENTITY_ID2=VIZoPhrT9eG7FbuqqN/EYQ==
COMPILE_IN_ALL_ENTITIES=Y
PASSWORD_ENTITY_ID1=Gz2Vv1vp7T4XbStsj1DKwv==
APPLICATION_TYPE=FCUBS
EXTERNAL_PROPERTY_PATH=
DECENTRALIZED=N
EAR_NAME=FCUBSMULT
EXTERNAL_JSUXML_PATH=
EAR_DESTINATION_PATH=D:/14.1/INSTALLER/multi
ENTITY_NOS=2
DECENTRALIZED_FCUBS_PROPERTIES_PATH=
CONNECTING_STRING_ENTITY_ID2=FC141INTESTPDB
CONNECTING_STRING_ENTITY_ID1=FC141INTESTPDB
HOST_ENTITY_ID2=2/8gbcFjgT1Ki1SYgRiG9anIz13s66mDaAL9CF3Rt8I=
SERVICE_NAME_ENTITY_ID2=YtfaW53ngv1Tcgyh3fg2PA==
HOST_ENTITY_ID1=2/8gbcFjgT1Ki1SYgRiG9anIz13s66mDaAL9CF3Rt8I=
ConfigPath=D:/14.1/INSTALLER/Console_EXEC_24apr/Console_EXEC/INSTALLER/SOFT/config/Application
SERVICE_NAME_ENTITY_ID1=YtfaW53ngv1Tcgyh3fg2PA==
PATCHSET_INSTALLATION=N
FCUBS_PROPERTIES_PATH=D:/14.1/INSTALLER/multi/fcubs.properties
ORACLE_HOME=C:/app/client/piyushsh/product/12.2.0/client_1
APPSERVER_HOME=C:/Oracle/Middleware/Oracle_Home/wlserver
CONNECTING_STRING_SMS=FC141INTESTPDB
JAVA_HOME=C:/Program Files/Java/jdk1.8.0_151
PORT_ENTITY_ID2=1521
PORT_ENTITY_ID1=1521
SERVICE_NAME_SMS=YtfaW53ngv1Tcgyh3fg2PA==
EXTERNAL_JSUXML_REQUIRED=N
```

**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 a certain setup, and those should not be modified (should be left with default values).

Refer the table, to view the properties available in the Environment Property File.

Table 2-2 Environment Property File

Properties	Description
Config Path	Absolute path to the folder containing the config files are to be provided. This is located under \INSTALLER\SOFT\config\Application
Java_Home	Provide the home folder path of JDK 1.8.
Oracle_Home	Provide the home folder path of Oracle Client or Database.
Varedited	This property should not be changed. This is an internal property required by the installer to identify if any changes are required in env.properties.
Source and Destination Path	Specify the destination directory. Here the destination path should be the same as 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.
EXTERNAL PROPERTY PATH	If this is selected during installation, the corresponding path will be displayed here, and the value of the parameter EXTERNAL PROPERTY FILE REQUIRED will be 'Y.'
EXTERNAL JSUIXML PATH	If this is selected during installation, the corresponding path will be displayed here, and the value of the parameter EXTERNAL JSUIXML REQUIRED will be 'Y'.
EAR_NAME	Specify a name for the Application to be created.
EAR DESTINATION PATH	This is the local path where the built EAR will be saved. This gets updated automatically as per the path provided during the installation process.
CONTEXT_NAME	Specify a name for the Application Context.
FCHome	Provide the FCHome Path. This will be the source path for DB setup/EAR build.
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.

Table 2-2 (Cont.) Environment Property File

Properties	Description
Schema	Give the Instance Name.  Note: The path is maintained with '\\' as it is maintained only for WINDOWS. \' slash will consider as an escape character, so '\\ slash is given in windows.

On the launch of GUI Installer for creating the property file, the env properties file gets generated, which is present in `\INSTALLER\SOFT\GUI\logs` path will be copied to `\INSTALLER\SOFT\logs` path. This method is followed for EAR creation, and Back-end build as it is done by the Silent Installer.

If OBCL needs to install as Co-deployed along with ROFC, then the OBCL folder from **OBCL_OSDC.zip** should be placed parallel to the ROFC folder in the **ROFC_OSDC.zip**.

If ELCM needs to install as Co-deployed along with ROFC, then the ELCM folder from **ELCM_OSDC.zip** should be placed parallel to the ROFC folder in the **ROFC_OSDC.zip**. INFRA inside ELCM should be moved and merged with CORE INFRA.

If PAYMENTS needs to install as Co-deployed along with ROFC, then the PAYMENTS folder from the PAYMENTS OSDC zip should be placed parallel to the ROFC folder in the **ROFC_OSDC.zip**.

INFRA inside PAYMENTS should be moved and merged with CORE INFRA.