# Oracle® Banking Enterprise Limits and Collateral Management Installer Database Setup





Oracle Banking Enterprise Limits and Collateral Management Installer Database Setup, Release 14.8.0.0.0

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# **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
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.

## 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 <b>Authorize</b> .
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 <b>Authorize</b> .
Collapse All	Used to hide the details in the sections. This button is displayed, once the user click <b>Compare</b> .
Expand All	Used to expand and view all the details in the sections. This button is displayed, once the user click <b>Compare</b> .



Table 1-2 (Cont.) Basic Actions

Action	Description
New	Used to add a new record.  When the user click <b>New</b> , the system displays a new record enabling to specify the required data.
ок	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 <b>Authorize</b> .
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 <b>Compare</b> .
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.



## Install Oracle FLEXCUBE Database

This topic explains the Oracle FLEXCUBE Database installation.

#### Introduction

Oracle FLEXCUBE database can be installed in one of the following methods.

Table 2-1 FLEXCUBE Database Installation

Method	Description
Import full dump	Import the Oracle FLEXCUBE objects into an empty schema using full dump. This is a manual activity.
From shipment media	Load the shipment media objects into an empty schema using Installer.

These methods are discussed in detail under the following heads.

#### **Pre-Requisites**

Below Privilege must be provided to the Database Schema from SYS Database User. These grants should be provided after schema creation and before the Installation.

- 1. ALTER USER ENABLE EDITIONS [FORCE];
- 2. GRANT CREATE ANY EDITION TO <SCHEMA NAME>
- 3. GRANT DROP ANY EDITION TO <SCHEMA NAME>
- 4. GRANT ALTER SESSION TO <SCHEMA NAME>
- 5. GRANT EXECUTE on DBMS\_SESSION TO <SCHEMA NAME>

#### **Create Schema by Importing Full Dump**

In this method, you need to manually import the **Oracle FLEXCUBE DMP** file into the **Oracle FLEXCUBE schema**. This can be done using the following command:

\$impdp user\_name/password directory=dir\_name dumpfile=dmp\_file\_name.dmp
logfile=dmp\_file\_name.log remap\_schema=from\_schema\_name:to\_schema\_name
remap\_tablespace=from\_tablespace\_name:to\_tablespace\_name transform=OID:n

#### **Create Schema From Shipment Media**

In this method, you need to create the schema from the shipment media.

- Backend Setup using Silent Installer
   This topic explains about backend setup for using silent installer.
- Basic Setup Using GUI Installer
   This topic explains the systematic instructions about basic setup using the GUI installer.
- Compilation of ADF files



# 2.1 Backend Setup using Silent Installer

This topic explains about backend setup for using silent installer.

Backend Setup has to be done using Silent Installer. DDL Compilation, Object Compilation, and Static Data Load will be taken care of as part of Backend Setup.

Before loading objects into the schema, **fcubs.properties** file creation must be performed with the required database details using the GUI installer (Refer FCUBS\_Property\_File\_Creation). After the property file is created, the **env.properties** file, present in INSTALLER/SOFT/GUI/logs/ directory, will be automatically updated, with the details provided while creating the property file.

The env.properties file present in INSTALLER/SOFT/GUI/logs/ will be automatically copied to INSTALLER/SOFT/logs/ directory as part of property file creation. Details from this env.properties are taken for further steps.

Run the <Product Processor> DBCompileRun.bat from the INSTALLER/SOFT directory. DDL Compilation, Object Compilation, and Static Data load will be done.

For Example: ROFC INSTALLATION

First load SMS objects first and then ROFC objects. i.e.

- Run SMSDBCompileRun.bat in windows (SMSDBCompileRun.sh in Linux). Note:
   Before running DB Compilation of any sort, please make sure that System Date Time
   format and language are provided as English, or otherwise DB Compilation might fail due
   to improper log names.
- After SMS object loading is completed, then initiate ROFC compilationRun ROFCDBCompileRun.bat in windows (ROFCDBCompileRun.sh in Linux).

<Product Processor>DBCompileRun.bat – PMDBCompileRun.bat (PMDBCompileRun.sh) for Payments, ROFCDBCompileRun.bat (ROFCDBCompileRun.sh) for ROFC, POJOLoadRun.bat (POJOLoadRun.sh) for POJO Compilation and so on.

Check for the Invalid Count and make sure that the Invalid count is '0'. Run Invalid Recompilation script (fast.sql), if required.

Provide the number of threads and schema name as input while running the script.

For Cluster: As part of the FCUBS\_14.0.0.0.1 patch set, Mexico Localization changes are released in cluster mode. So from FCUBS\_14.0.0.0.1 patch onwards, if any site wants to consume these changes, it needs to run the **ROFCDBCompileClusterRun.bat** in windows(**ROFCDBCompileClusterRun.sh** in Linux).

This is for KERNEL as well as cluster objects in the DB schema.

Similarly, FCUBS\_14.3.0.2.0 patch set onwards, if any Site wants to consume Italy Cluster changes, then they need to run the ROFCDBCompileClusterRun.bat in windows (ROFCDBCompileClusterRun.sh in Linux).

# 2.2 Basic Setup Using GUI Installer

This topic explains the systematic instructions about basic setup using the GUI installer.

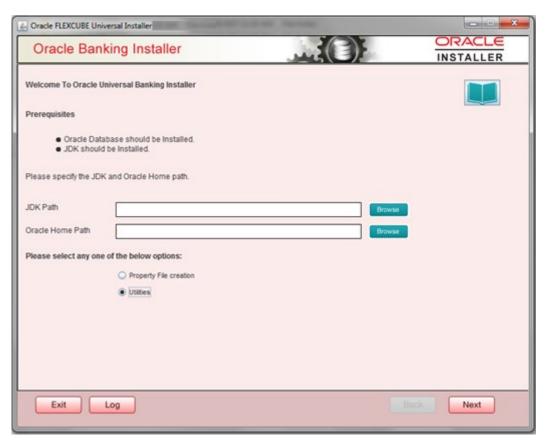
The steps to load objects from the shipment media are given below:



 Double-click the FCUBSInstaller.bat batch file to launch Oracle FLEXCUBE Universal Installer.Select the Utilities option and click the Next button.

Oracle FLEXCUBE Universal Installer - Welcome screen is displayed.

Figure 2-1 Oracle FLEXCUBE Universal Installer - Welcome



2. Select Day Zero Setup in Utility Screen and click the Next button.

Oracle FLEXCUBE Universal Installer - Select an Utility screen is displayed.



Back

Next

0 8 8 Oracle FLEXCUBE Universal Installer ORACLE Oracle Banking Installer INSTALLER Select an Utility: Day Zero Setup User Creation O DSN Entries Entity Details SMS DSN Entries Switch Monitor Installation ENV Property file operations

Figure 2-2 Oracle FLEXCUBE Universal Installer - Select an Utility

Click the Next button on the below screen. The ROFC Schema details to be entered is displayed:

Exit

Log

Oracle FLEXCUBE Universal Installer - Database Installation screen is displayed.

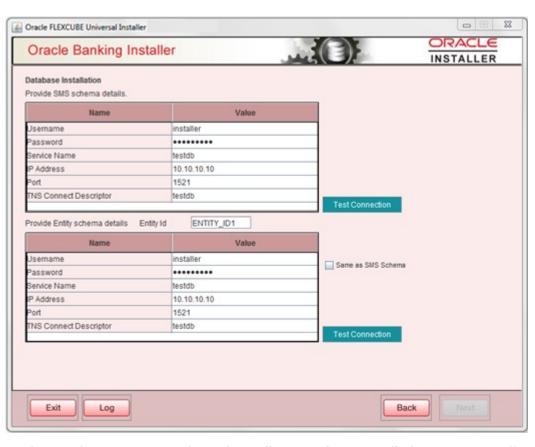


Figure 2-3 Oracle FLEXCUBE Universal Installer - Database Installation

 On the Oracle FLEXCUBE Universal Installer - Database Installation screen, specify the schema details.

Table 2-2 Database Installation - Schema

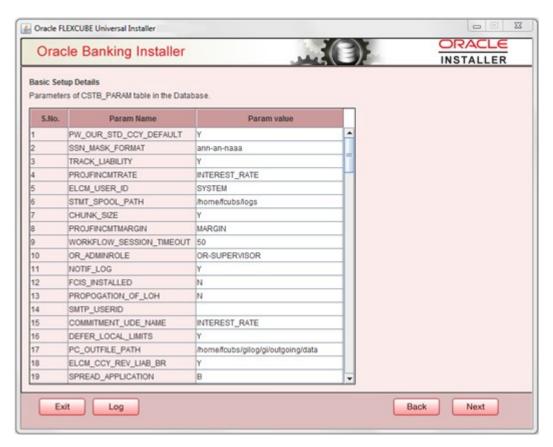
Fields	Description	
Username	Specify the user name to access the schema.	
Password	Enter the schema password.	
Service Name	Provide service name of database.	
IP Address	Specify the IP address of the system where the database schema is installed.  Note:  IP Address should be the same as mentioned in the TNSnames.ora.	
Port	Specify the port number.	
TNS Connect Descriptor	Specify the TNS Connect Descriptor.	

- a. Here Entity Schema is mandatory; at least a minimum of one entry should be provided.
- **b.** The Entity Id value is default i.e., **ENTITY\_ID1** for the first entry.

- c. Provide the JNDI Name for the ENTITY\_ID1. By default the jndi name is jdbc/fcjdevDS.
- d. Give the Schema Details for the Entity1.
- e. Here Compile In All Entities Field is **N**. (As using the Single Entity Concept).
- Click the Next button.

Oracle FLEXCUBE Universal Installer - Basic Setup Details screen is displayed.

Figure 2-4 Oracle FLEXCUBE Universal Installer - Basic Setup Details



- The screen displays basic setup details for table CSTB PARAM.
  - a. Here Oracle directory name(present in all\_directories table in the schema) must be added for WORK\_AREA and TRACE\_AREA. Oracle directory name must be added for other required parameters also.
  - $\ensuremath{\mathbf{b}}.$  Oracle directory creation in the schema can be done as below :

Create or replace directory dir\_name as directory\_path.

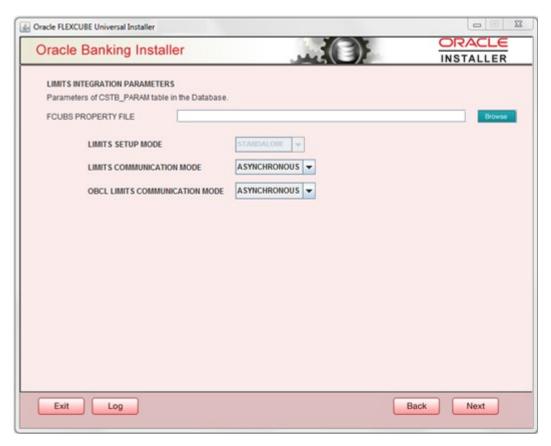
If the target database is Autonomous Database then WORK\_AREA and TRACE\_AREA value should be blank, and USERDEBUGMODE must be given as **DB** for Autonomous Database.

Click on the Next button to display the LIMITS INTEGRATION PARAMETERS screen.

**Oracle FLEXCUBE Universal Installer - LIMITS INTEGRATION PARAMETERS** screen is displayed.



Figure 2-5 Oracle FLEXCUBE Universal Installer - LIMITS INTEGRATION PARAMETERS



The Limits Integration Parameters will be set based on values read from fcubs.properties file browsed.

In the case of ELCM Embedded, the Limit Communication mode will be Asynchronous by default. These parameters will be updated in the CSTB\_PARAM table.

Click on the Next button. The screen displays parameters for table SMTB\_MODULES\_GROUP.If any change is required in the JNDI name, edit the same and click on Update.



SMTB\_MODULES\_GROUP for FCELCM (Oracle ELCM) with the JNDI name '\_EL.' For example, if the **ENTITY\_ID** JNDI name is **jdbc/fcjdevDS**, then you need to update the JNDI name **jdbc/fcjdevDS\_EL**.

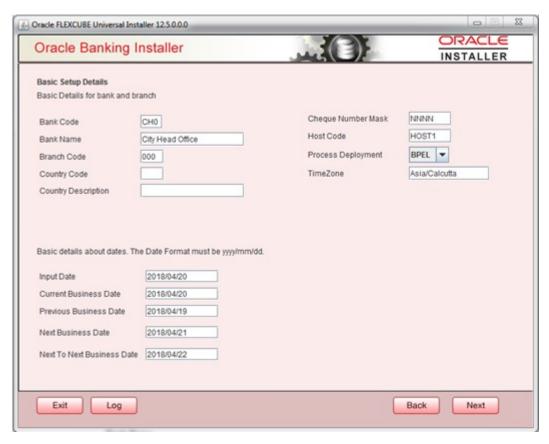
Figure 2-6 Oracle FLEXCUBE Universal Installer - Basic Setup Details - SMTB\_MODULES\_GROUP



10. Click the Next button.

Oracle FLEXCUBE Universal Installer - Basic Setup Details - Bank and Branch screen is displayed.

Figure 2-7 Oracle FLEXCUBE Universal Installer - Basic Setup Details - Bank and Branch



11. On the Oracle FLEXCUBE Universal Installer - Basic Setup Details - Bank and Branch screen, specify the bank, branch and date details.

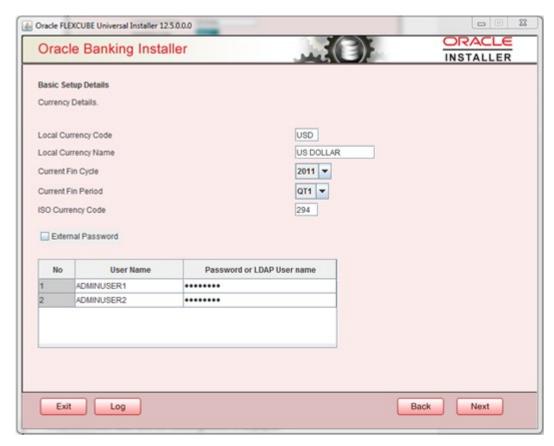
Table 2-3 Basic Setup Details - Bank, Branch and Dates

Fields	Description
Bank Code	Enter the bank code.
Bank Name	Enter the bank name.
Branch Code	Enter the branch code.
Country Code	Enter the Country code.
Country Description	Enter the Country Description.
Cheque Number Mask	Enter the Cheque Number Mask.
Process Deployment	Choose mode of process deployment between BPMN
Input Date	Enter the input date.
Current Business Date	Enter the current business date.
Previous Business Date	Enter the previous business date.
Next Business Date	Enter the next business date.
Next to Next Business Date	Enter the next to next business date.

12. Click the Next button.

Oracle FLEXCUBE Universal Installer - Basic Setup Details - Currency Details screen is displayed.

Figure 2-8 Oracle FLEXCUBE Universal Installer - Basic Setup Details - Currency Details

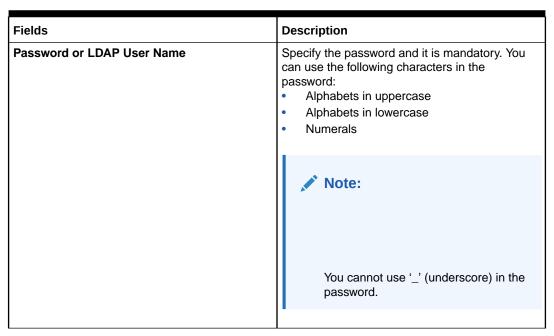


**13.** On the **Oracle FLEXCUBE Universal Installer - Basic Setup Details** - Currency Details screen, specify the fields.

Table 2-4 Basic Setup Details - Currency Details

Fields	Description
Local Currency Code	Enter Local Currency Code.
Local Currency Name	Enter Local Currency Name.
Current Fin Cycle	Enter Current Financial Cycle(any year from 2011 to 2050)
Current Fin Period	Enter Current Financial Period(QT1 to QT4,M01 to M12).
ISO Currency Code	Enter ISO Currency Code. The screen also displays basic setup details for creating a user in Oracle FLEXCUBE Universal Banking.
	The creation of a <b>SYSTEM</b> user is mandatory for payments processing. It needs to be created as part of a static data setup.
External Password	Check this box to specify the external password.
User Name	Displays the user name. Change the user name if required.

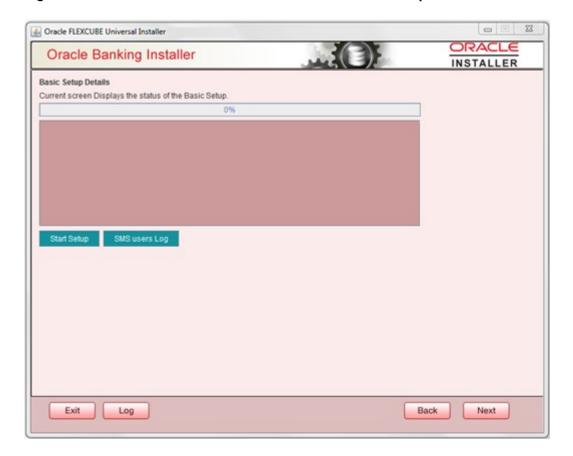
Table 2-4 (Cont.) Basic Setup Details - Currency Details



14. Click the Next button.

Oracle FLEXCUBE Universal Installer - Basic Setup Details - Status screen is displayed.

Figure 2-9 Oracle FLEXCUBE Universal Installer - Basic Setup Details - Status



**15.** Click the **Start Setup** button to compile the entries. On completion, the below screen will be seen. User created logs can be viewed by clicking the **SMS users Log** button.

Oracle FLEXCUBE Universal Installer - Basic Setup Details - Status Completed screen is displayed.

Figure 2-10 Oracle FLEXCUBE Universal Installer - Basic Setup Details - Status Completed

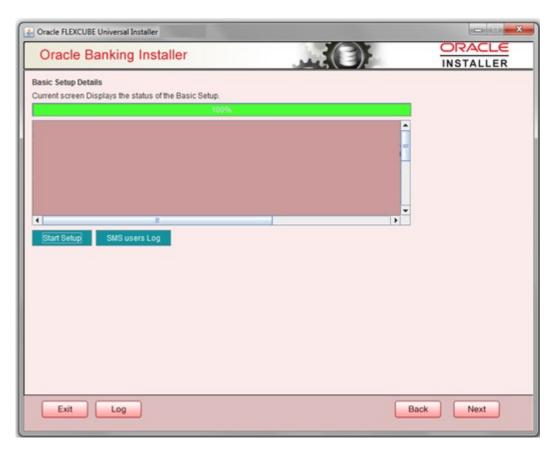


Figure 2-11 Message



# 2.3 Compilation of ADF files

In the ADF files, update the branch code where the GI upload is going to happen and compile theADF file. ADF Files are available in the path - ROFC/MAIN/ADF.