

Oracle® Banking Treasury Management Installer Database Setup



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Preface

This guide helps the user to configure the Oracle Banking Treasury Management database.

- [Audience](#)
- [Acronyms and Abbreviations](#)
- [Related Resources](#)

Audience

This guide is intended for anyone responsible for installing Oracle Banking Application.

Acronyms and Abbreviations

The acronyms and abbreviations are listed in this below table:

Table 1 Acronyms and Abbreviations

Abbreviations or Acronyms	Definition
DV	Derivatives
ETD	Exchange Traded Derivatives
FX	Foreign Exchange
MM	Money Market
OBTR	Oracle Banking Treasury Management
ODT	Open Development Tool
OT	Over the Counter Options
SE	Securities
SR	Securities Repo

Related Resources

For more information, see these Oracle Banking Treasury Management resources:

- *Oracle Banking Treasury Management Release Notes*
- *Oracle Banking Treasury Management Installer Index*
- *Oracle Banking Treasury Management Installer Prerequisite*

1

Installing Oracle Banking Treasury Management Database

Oracle Banking Treasury Management database can be installed in one of the following methods.

- Import full dump – Import the Oracle Banking Treasury Management 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.

This topics has following sub-topics:

- [Creating Schema by Importing Full Dump](#)
- [Creating Schema from Shipment Media](#)

1.1 Creating Schema by Importing Full Dump

Under this method, manually import the Oracle Banking Treasury Management DMP file into the Oracle Banking Treasury Management schema. This are 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
```

1.2 Creating Schema from Shipment Media

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

This topic has the following sub-topics:

- [Backend Setup using Silent Installer](#)
- [Basic Setup Using GUI Installer](#)

1.2.1 Backend Setup 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 to Treasury Management Installer Property File Creation document). After the property file is created, the

env.properties file present in `INSTALLER/SOFT/GUI/logs/` directory is 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.

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

1. 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.

2. After SMS object loading is completed, then initiate OBTR compilation Run **TRDBCompileRun.bat** in windows (**TRDBCompileRun.sh** in Linux).

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

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

- [Invalid Recompilation script](#)

1.2.1.1 Invalid Recompilation script

Purpose

Check the invalid count.

Syntax

```
EXEC UTL_RECOMP.recomp_parallel(&THREADS,&SCHEMA');
```

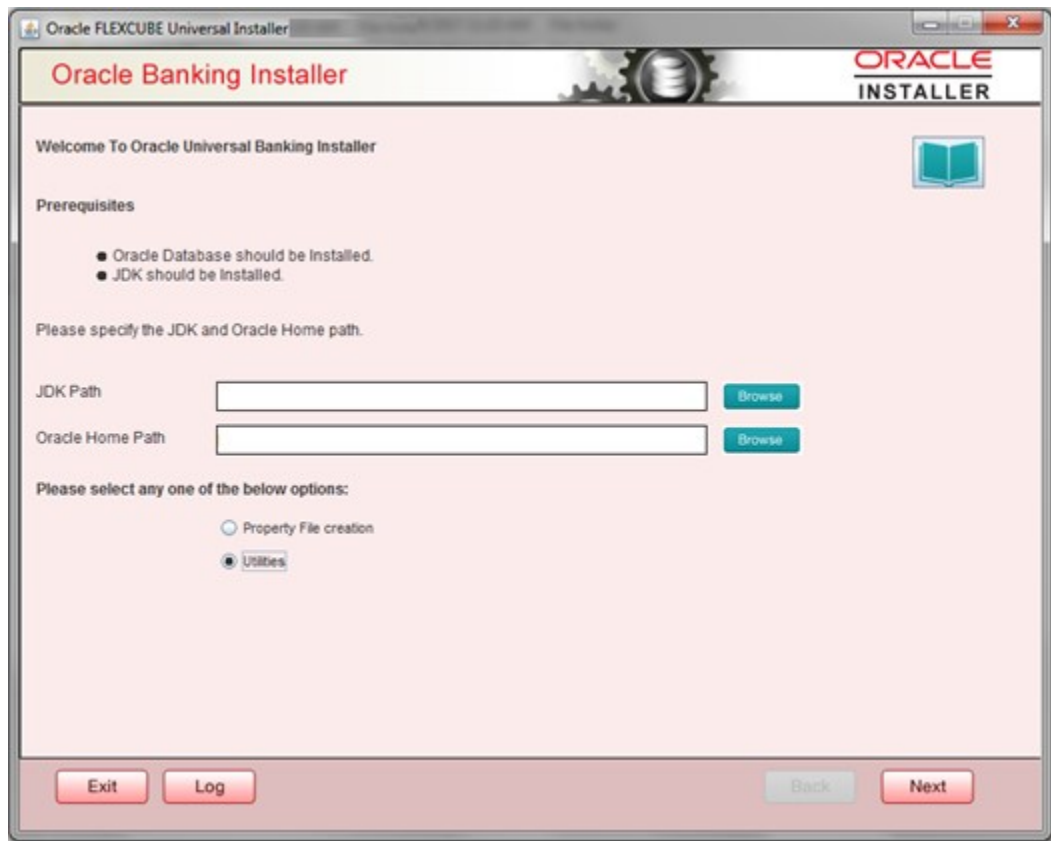
1.2.2 Basic Setup Using GUI Installer

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

1. Double-click the **FCUBSInstaller.bat** batch file to launch Oracle Banking Treasury Management Installer. Select the Utilities option and click the **Next** button.

Oracle Flexcube Universal Installer - Welcome screen is displayed.

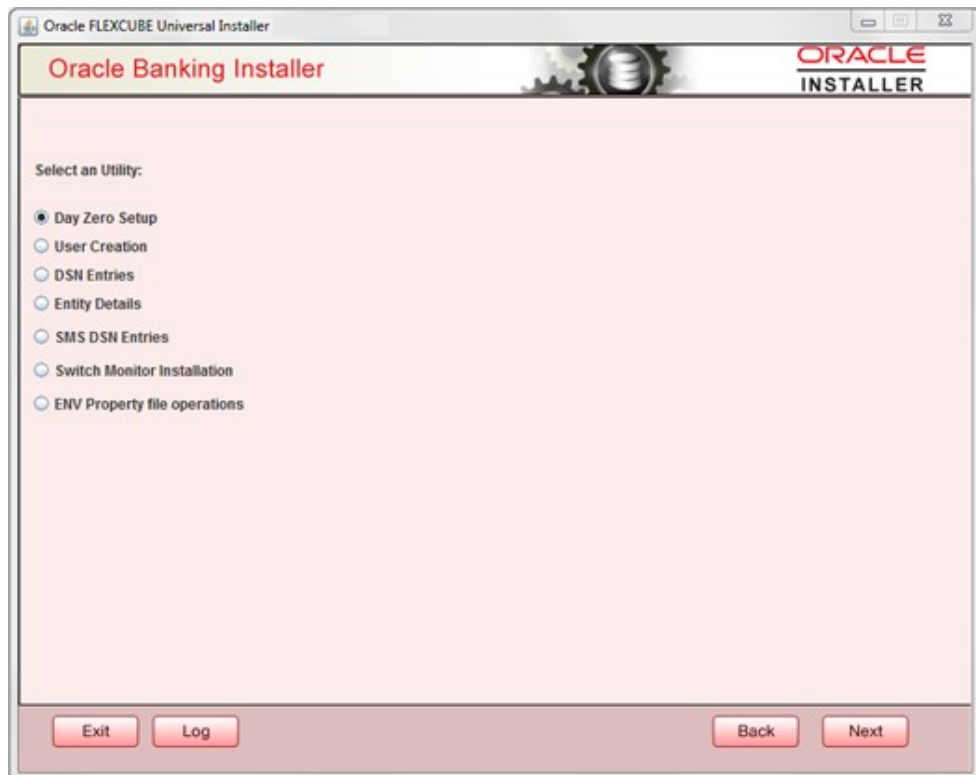
Figure 1-1 Oracle Flexcube Universal Installer - Welcome



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

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

Figure 1-2 Oracle FLEXCUBE Universal Installer - Select an Utility



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

Oracle FLEXCUBE Universal Installer - Database Installation sub-screen is displayed.

Figure 1-3 Oracle FLEXCUBE Universal Installer - Database Installation

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

For more information, refer to the field description table.

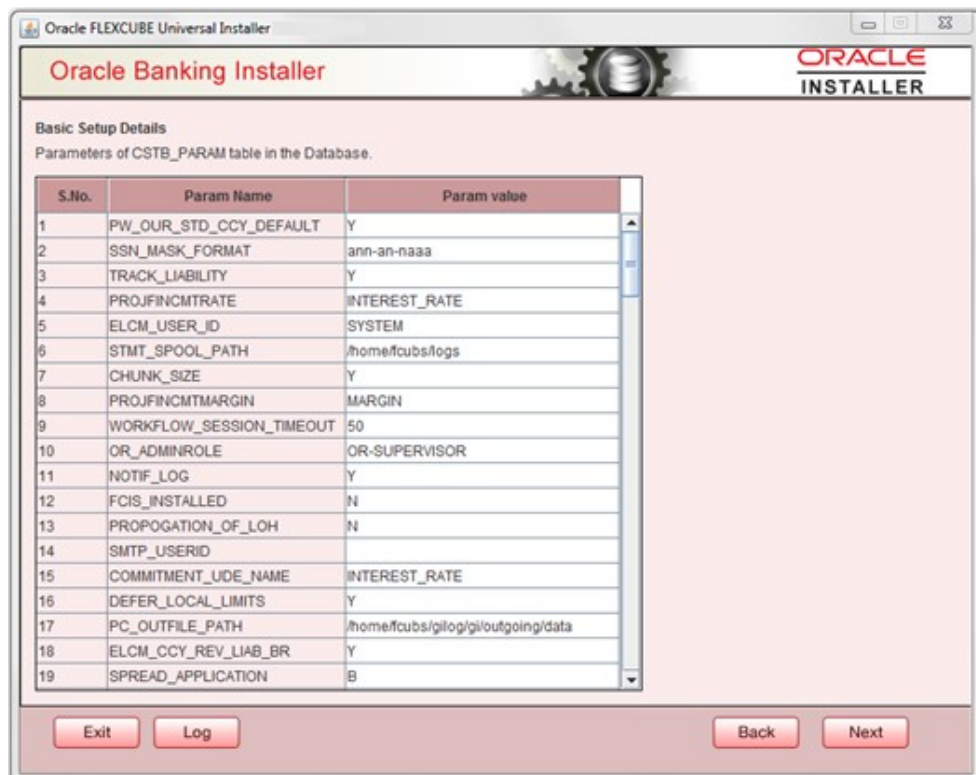
Table 1-1 Database Installation - Schema

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/fcdevDS.
 - d. Give the Schema Details for the Entity1.
 - e. Here Compile In All Entities Field is **N**. (As using the Single Entity Concept).
5. Click the **Next** button.

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

Figure 1-4 Oracle FLEXCUBE Universal Installer - Basic Setup Details



6. 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.
 - b. Oracle directory creation in the schema can be done as below :
Create or replace directory dir_name as **directory_path**.
7. Click on the Next button to display the **LIMITS INTEGRATION PARAMETERS** screen.

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

Figure 1-5 Oracle FLEXCUBE Universal Installer - LIMITS INTEGRATION PARAMETERS

The screenshot shows the 'Oracle FLEXCUBE Universal Installer' window with the title 'Oracle Banking Installer'. The main content area is titled 'LIMITS INTEGRATION PARAMETERS' and includes the subtitle 'Parameters of CSTB_PARAM table in the Database.' Below this, there is a text field for 'FCUBS PROPERTY FILE' with a 'Browse' button to its right. Further down, there are three dropdown menus: 'LIMITS SETUP MODE' (set to 'STANDALONE'), 'LIMITS COMMUNICATION MODE' (set to 'ASYNCHRONOUS'), and 'OBCL LIMITS COMMUNICATION MODE' (set to 'ASYNCHRONOUS'). At the bottom of the window, there are four buttons: 'Exit', 'Log', 'Back', and 'Next'.

8. The **Limits Integration Parameters** will be set based on values read from **fcubs.properties** file browsed.
9. 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**.

 Note:

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 1-6 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 1-7 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.

For more information, refer to the field description table.

Table 1-2 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 BPEL or 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 1-8 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.

For more information, refer to the fields description table.

Table 1-3 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 Treasury. The creation of a SYSTEM user is mandatory for payments processing. It needs to be created as part of a static data setup.

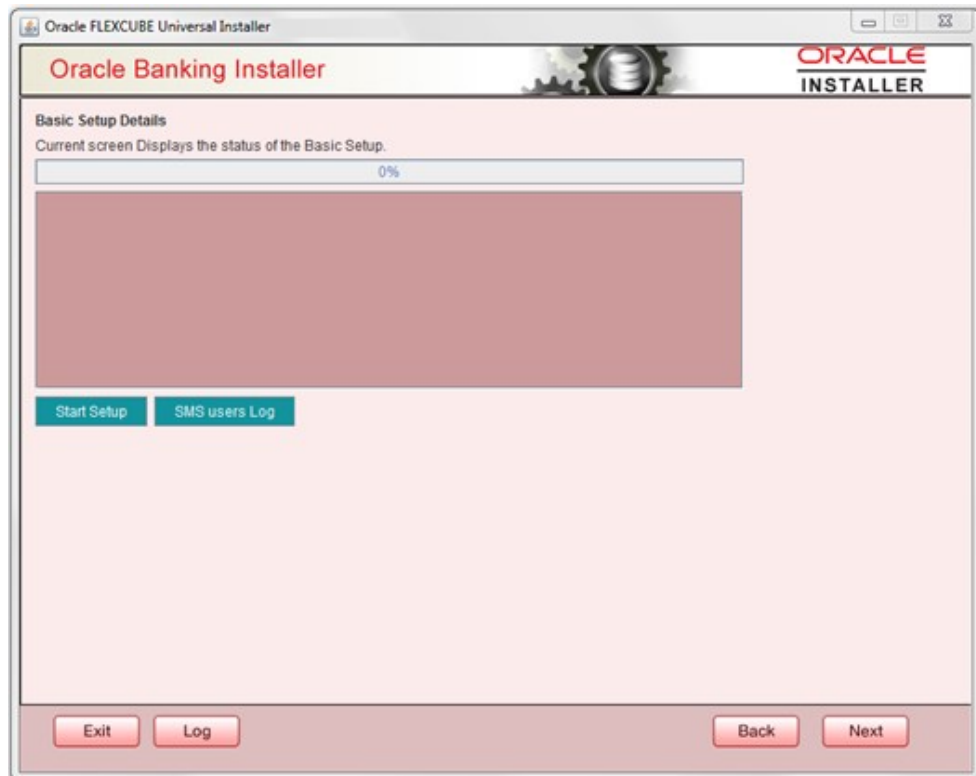
Table 1-3 (Cont.) Basic Setup Details - Currency Details

Fields	Description
External Password	Check this box to specify the external password.
User Name	Displays the user name. Change the user name if required.
Password or LDAP User Name	Specify the password and it is mandatory. You can use the following characters in the password: • Alphabets in uppercase • Alphabets in lowercase • Numerals  Note: You cannot use ‘_’ (underscore) in the password.

14. Click the **Next** button.

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

Figure 1-9 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 1-10 Oracle FLEXCUBE Universal Installer - Basic Setup Details - Status Completed

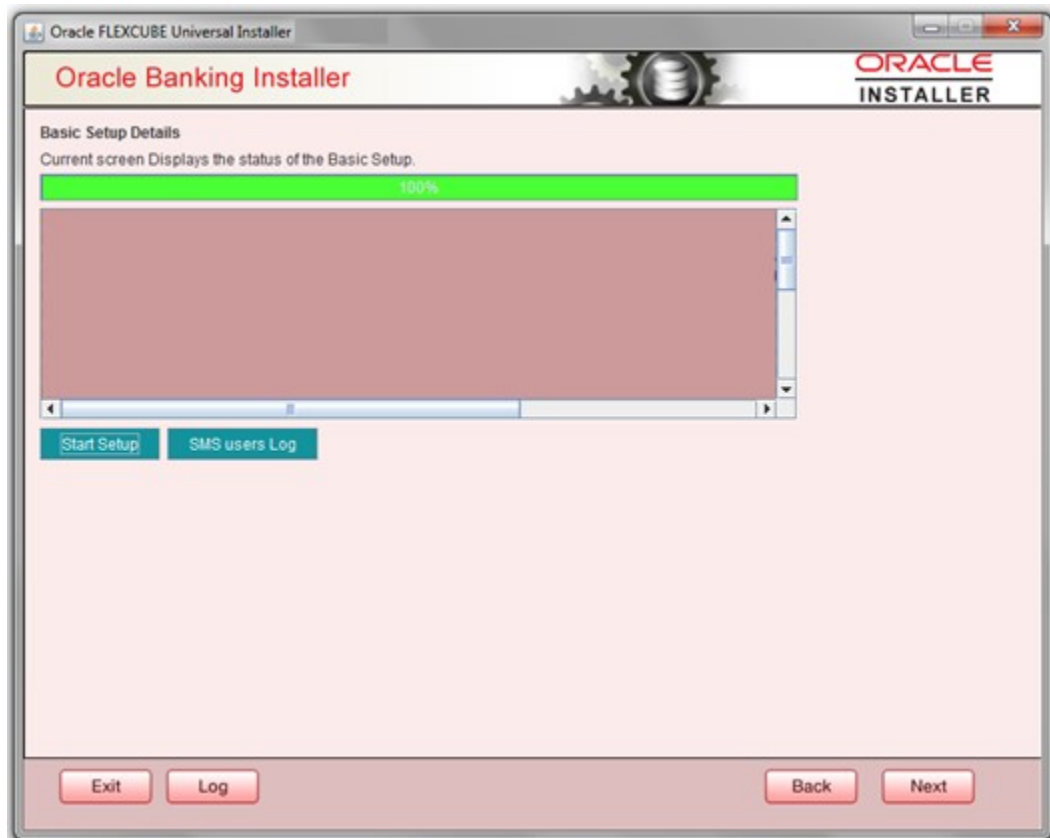


Figure 1-11 Message

