# Oracle® Banking Treasury Management Installer Database Setup





Oracle Banking Treasury Management Installer Database Setup, Release 14.7.5.0.0

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# Contents

## 1 Installing Oracle Banking Treasury Management Database

1.1	Creating Schema by Importing Full Dump	1-1
1.2	Creating Schema from Shipment Media	1-1
	1.2.1 Backend Setup using Silent Installer	1-1
	1.2.1.1 Invalid Recompilation script	1-2
	1.2.2 Basic Setup Using GUI Installer	1-2



## **Preface**

This topic contains the following sub-topics:

- Purpose
- Audience
- Documentation Accessibility
- Critical Patches
- Diversity and Inclusion
- Related Resources
- Conventions
- Screenshot Disclaimer
- Acronyms and Abbreviations

# Purpose

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

#### **Audience**

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

# **Documentation Accessibility**

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

#### **Access to Oracle Support**

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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.

# **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

## Conventions

The following text conventions are used in this document:

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

### 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.

# Acronyms and Abbreviations

The acronyms and abbreviations are listed in this below table:

Table 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
ОТ	Over the Counter Options
SE	Securities
SR	Securities Repo



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 <code>INSTALLER/SOFT/GUI/logs/</code> will be automatically copied to <code>INSTALLER/SOFT/logs/</code> 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.

Run SMSDBCompileRun.bat in windows (SMSDBCompileRun.sh in Linux).



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 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:

 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.



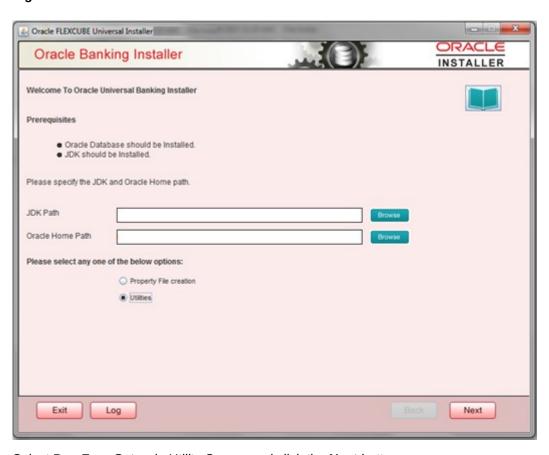


Figure 1-1 Oracle Flexcube Universal Installer - Welcome

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

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

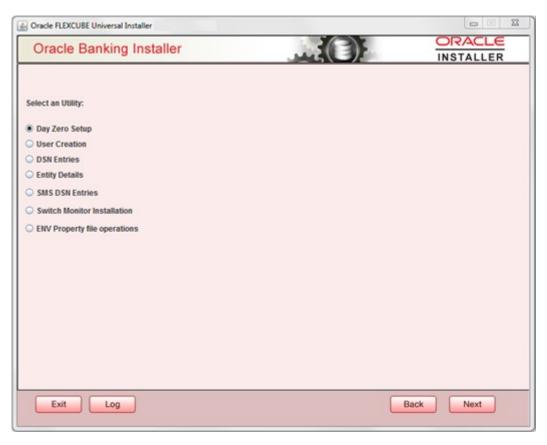


Figure 1-2 Oracle FLEXCUBE Universal Installer - Select an Utility

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.

- B X Oracle FLEXCUBE Universal Installer ORACLE Oracle Banking Installer INSTALLER **Database Installation** Provide SMS schema details. Name Value Username installer \*\*\*\*\*\*\* Password Service Name testdb P Address 10.10.10.10 ort 1521 TNS Connect Descriptor testdb Test Connection ENTITY\_ID1 Provide Entity schema details Entity Id Value Jsername installer Same as SMS Schema \*\*\*\*\*\*\* Password Service Name testdb P Address 10.10.10.10 1521 TNS Connect Descriptor testdb Exit Log Back

Figure 1-3 Oracle FLEXCUBE Universal Installer - Database Installation

 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

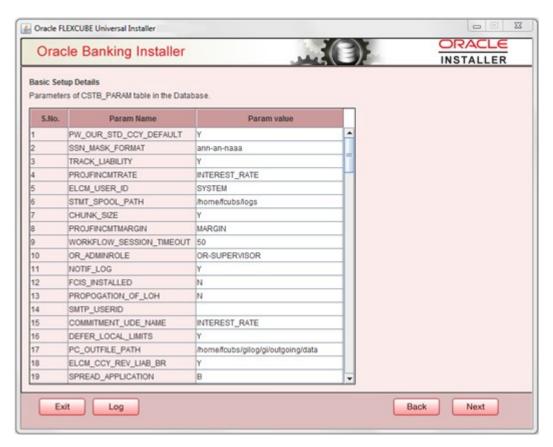
Fields	Description	
Username	Specify the user name to access the schema.	
Password	Enter the schema password.	
Service Name	Provide service name of database.	
IP Address	Specify the IP address of the system where the database schema is installed.  Note:  IP Address should be the same as mentioned in 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/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 1-4 Oracle FLEXCUBE Universal Installer - Basic Setup Details

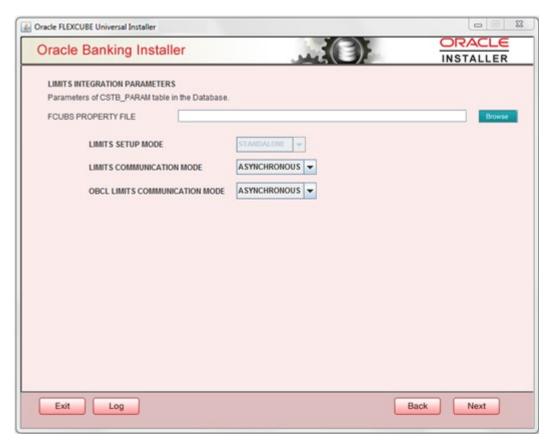


- 6. The screen displays basic setup details for table CSTB PARAM.
  - a. Here Oracle directory name(present in all\_directories table in the schema) must be added for WORK\_AREA and TRACE\_AREA. Oracle directory name must be added for other required parameters also.
  - Oracle directory creation in 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



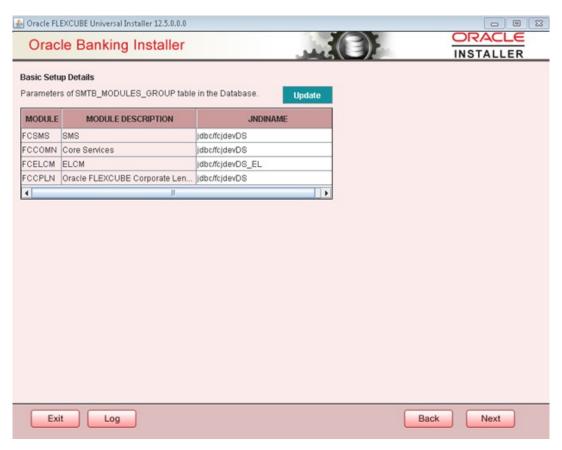
- The Limits Integration Parameters will be set based on values read from fcubs.properties file browsed.
- Click on the Next button. The screen displays parameters for table SMTB MODULES GROUP.

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**.

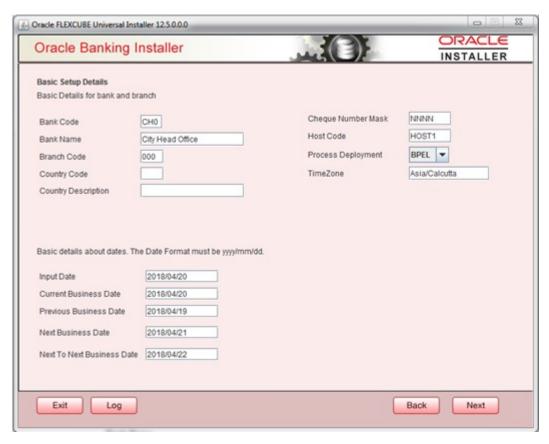
Figure 1-6 Oracle FLEXCUBE Universal Installer - Basic Setup Details - SMTB\_MODULES\_GROUP



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.

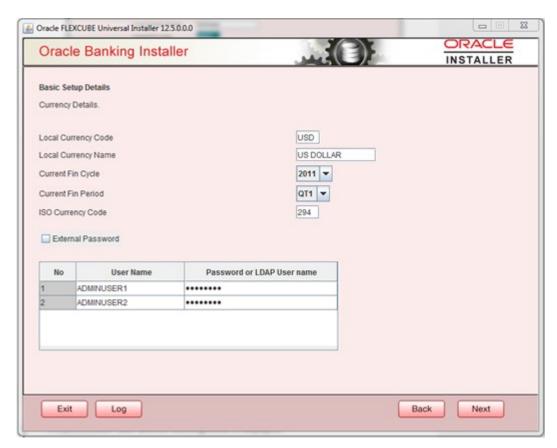
Table 1-2 Basic Setup Details - Bank, Branch and Dates

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 <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.	

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

Fields	Description
User Name	Displays the user name. Change the user name if required.
Jser Name 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

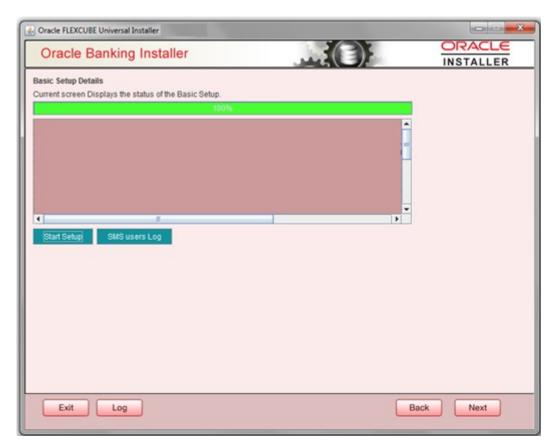


Figure 1-11 Message

