

Installer Database Setup
Oracle Banking Treasury Management

Release 14.7.0.0.0

Part No. F72699-01

[November] [2022]



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1. Installing Oracle Banking Treasury Management Database

1.1 Introduction

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.

1.2 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
```

1.3 Creating Schema from Shipment Media

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

1.3.1 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 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 TreasuryManagement_Installer_Property_File_Creation document). After the property file is created, env.properties file, present in INSTALLER/SOFT/GUI/logs/ directory, will be automatically updated, with the details provided while creating the property file.

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 INSTALLER/SOFT directory. DDL Compilation, Object Compilation and Static Data load will be done.

For Example: OBTR INSTALLATION-

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

- a. 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.
- b. 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'. Please run Invalid Recompilation script(fast.sql), if required. Please provide number of threads and schema name as input while running the script.



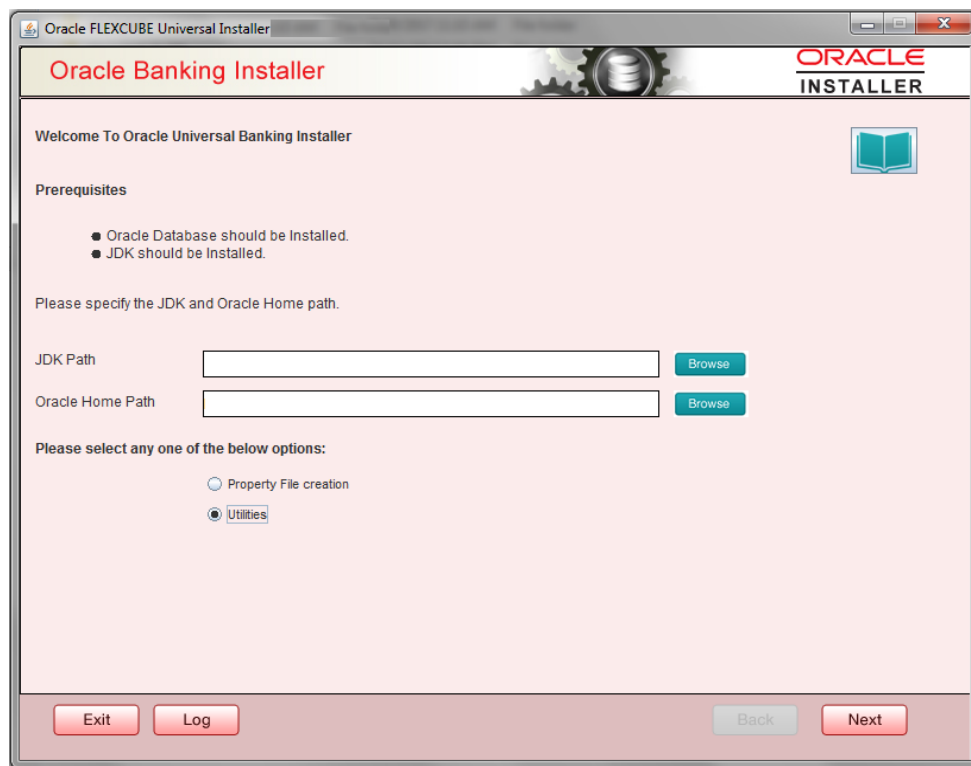
fast.sql

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

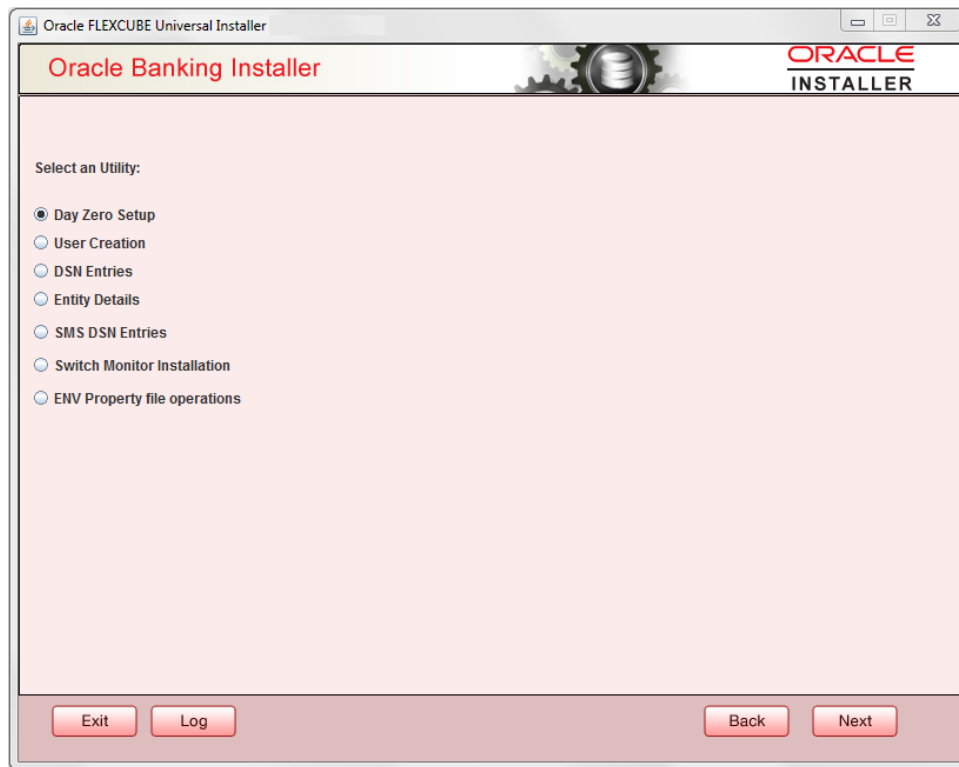
1.3.2 Basic Setup using GUI Installer

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

1. Double-click 'FCUBSInstaller.bat' batch file to launch Oracle Banking Treasury Management Universal Installer. The following screen is displayed. Select Utilities option and click 'Next' button.



2. Select 'Day Zero Setup' in Utility Screen and click Next as shown below:



3. Click 'Next' and in the below screen. OBTR Schema details to be entered is displayed:

Oracle FLEXCUBE Universal Installer

Oracle Banking Installer

ORACLE
INSTALLER

Database Installation

Provide SMS schema details.

Name	Value
Username	installer
Password	*****
Service Name	testdb
P Address	10.10.10.10
Port	1521
TNS Connect Descriptor	testdb

Test Connection

Provide Entity schema details Entity Id ENTITY_ID1

Name	Value
Username	installer
Password	*****
Service Name	testdb
P Address	10.10.10.10
Port	1521
TNS Connect Descriptor	testdb

Test Connection

Same as SMS Schema

Exit Log Back Next

Specify the following schema details:

User Name

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 same as mentioned in the TNSnames.ora

Port

Specify the port number.

TNS Connect Descriptor

Specify the TNS Connect Descriptor.

Here Entity Schema is mandatory, atleast minimum one entry should be provided.

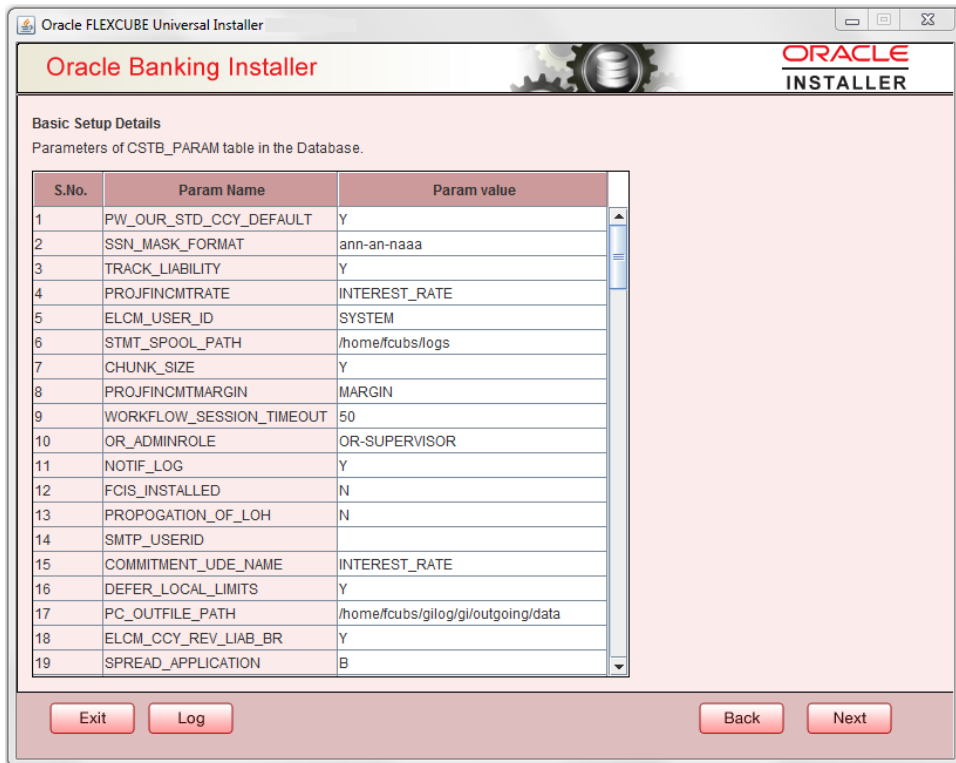
Entity Id value is default i.e. 'ENTITY_ID1' for first entry.

Provide the JNDI Name for the ENTITY_ID1. By default the jndi name is 'jdbc/fcjdevDS'

Give the Schema Details for the Entity1.

Here Compile In All Entities Field is 'N'. (As using the Single Entity Concept).

- Click 'Next' and the following screen is displayed:



- Screen displays basic setup details for table 'CSTB_PARAM'.

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';

- Click on 'Next' button to display Limits integration Parameters Screen as shown below:

The screenshot shows the 'Oracle FLEXCUBE Universal Installer' window. The title bar reads 'Oracle FLEXCUBE Universal Installer'. The main window has a header with 'Oracle Banking Installer' on the left and the 'ORACLE INSTALLER' logo on the right. The main content area is titled 'LIMITS INTEGRATION PARAMETERS' and contains the text 'Parameters of CSTB_PARAM table in the Database.' Below this is a text field for 'FCUBS PROPERTY FILE' with a 'Browse' button to its right. Further down 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 is a footer bar with four buttons: 'Exit', 'Log', 'Back', and 'Next'.

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

- Click on 'Next' button .Screen displays parameters for table SMTB_MODULES_GROUP If any change is required in the JNDI name, edit the same and click on Update.

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

Oracle Banking Installer

Basic Setup Details

Parameters of SMTB_MODULES_GROUP table in the Database. Update

MODULE	MODULE DESCRIPTION	JNDI NAME
FCSMS	SMS	jdbc/fcdevDS
FCCOMN	Core Services	jdbc/fcdevDS
FCELCM	ELCM	jdbc/fcdevDS_EL
FCCPLN	Oracle FLEXCUBE Corporate Len...	jdbc/fcdevDS

Exit Log Back Next

- Click 'Next'. The following screen is displayed.

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

Oracle Banking Installer

Basic Setup Details

Basic Details for bank and branch

Bank Code	CH0	Cheque Number Mask	NNNN
Bank Name	City Head Office	Host Code	HOST1
Branch Code	000	Process Deployment	BPEL
Country Code		TimeZone	Asia/Calcutta
Country Description			

Basic details about dates. The Date Format must be yyyy/mm/dd.

Input Date	2018/04/20
Current Business Date	2018/04/20
Previous Business Date	2018/04/19
Next Business Date	2018/04/21
Next To Next Business Date	2018/04/22

Exit Log Back Next

Screen displays basic setup details for bank and branch

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

Screen also displays basic setup details for dates.

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.

9. Click 'Next'. The following screen is displayed.

Oracle FLEXCUBE Universal Installer 12.5.0.0.0

Oracle Banking Installer **ORACLE INSTALLER**

Basic Setup Details

Currency Details.

Local Currency Code: USD

Local Currency Name: US DOLLAR

Current Fin Cycle: 2011

Current Fin Period: QT1

ISO Currency Code: 294

☐ External Password

No	User Name	Password or LDAP User name
1	ADMINUSER1	*****
2	ADMINUSER2	*****

Exit Log Back Next

Screen displays basic setup details for currency, User can change them.

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.

Screen also displays basic setup details for the creating a user in Banking Treasury Management.

Creation of 'SYSTEM' user is mandatory for payments processing, it needs to be created as part of 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.

Password or LDAP User Name

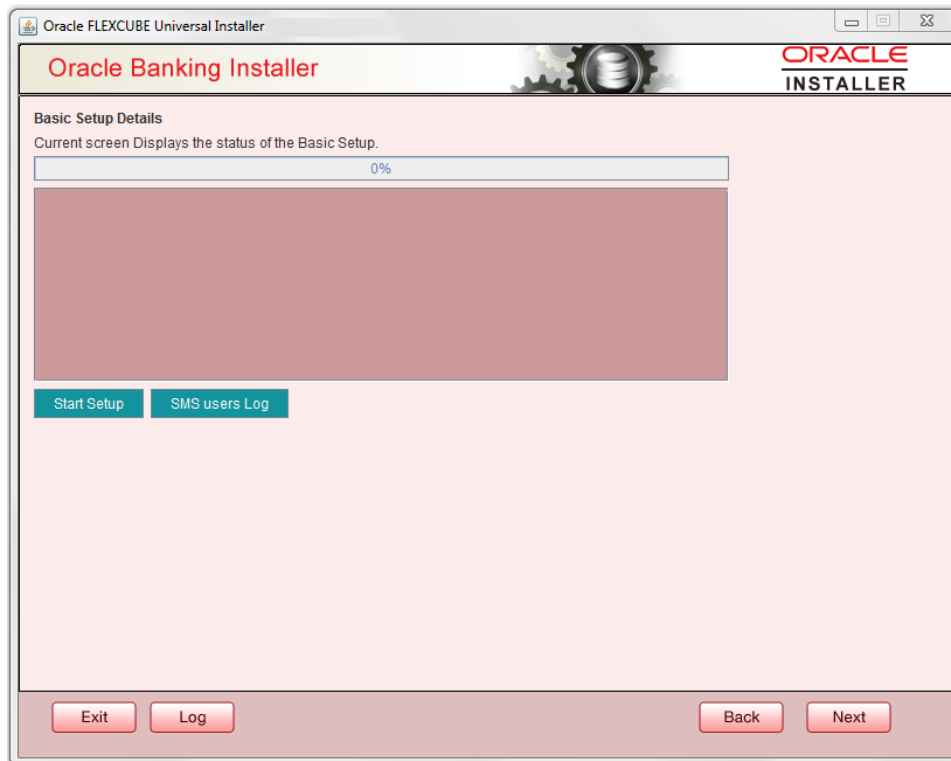
Specify the password and it is mandatory. You can use the following characters in the password:

- Alphabets in uppercase
- Alphabets in lowercase
- Numerals

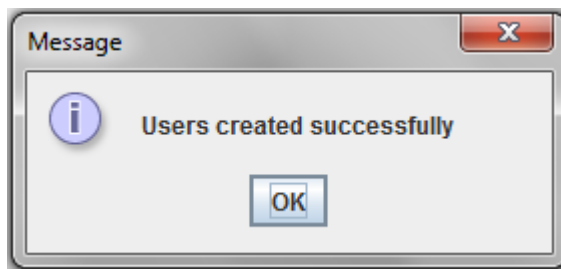
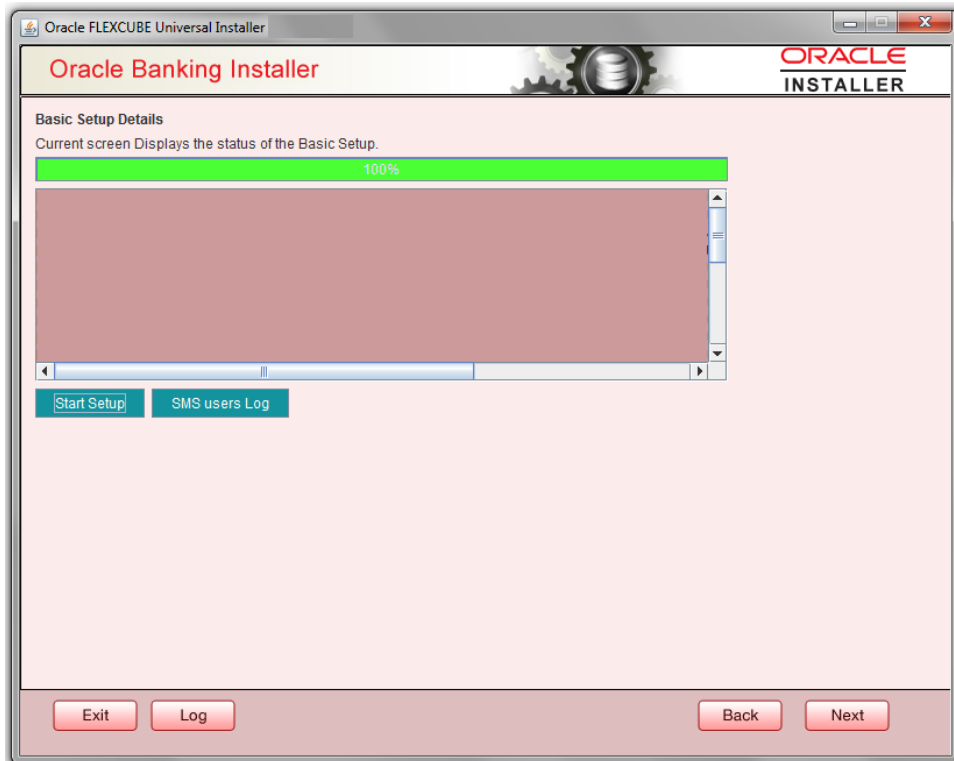


You cannot use ' _ ' (underscore) in the password.

10. Click 'Next' and the following screen is displayed:



11. Click 'Start Setup' button to compile the entries. On completion the below Screen will be seen.
User created logs can be viewed by clicking SMS uses Log button.



This completes the basic setup process.



Installer Database Setup

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Oracle Financial Services Software Limited
Oracle Park
Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India

Worldwide Inquiries:

Phone: +91 22 6718 3000

Fax: +91 22 6718 3001

<https://www.oracle.com/industries/financial-services/index.html>

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