Payments Installer
Database Setup
Oracle Banking Payments
Release 12.5.0.0.0
[September] [2017]

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1. Installing Oracle Banking Payments Database

1.1 Introduction

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

- Import full dump – Import the Oracle Banking Payments 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, you need to manually import the Oracle Banking Payments DMP file into the Oracle Banking Payments 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

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.

First Run the **SMSDBCompileRun**.**bat** in windows (**SMSDBCompileRun**.**sh** in linux) for SMS schema (DB) compilation.

Goto **\INSTALLER\SOFT** path and run the **PMDBCompileRun.bat**.- DDL Compilation, Object Compilation and Static Data load will be done.

For Example: -

Run PMDBCompileRun.bat in windows (PMDBCompileRun.sh in linux)

Check for the Invalid Count and make sure that the Invalid count is '0'.

1.3.2 Co-deployment Set-up – Combining Payments With FCUBS

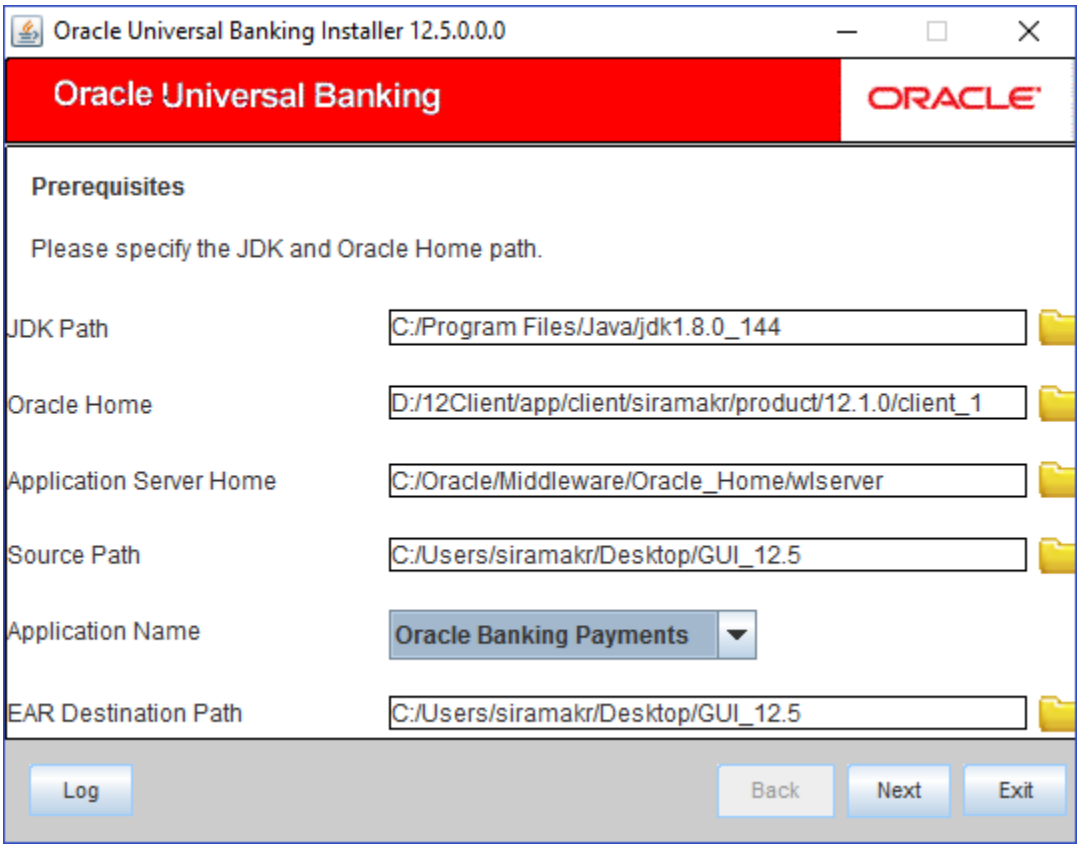
1. Copy the **INFRA** folder and the **PM** folder from **Payments** OSDC.zip to the **FCUBS** OSDC.zip.

2. Goto **\INSTALLER\SOFT** path and execute the **ROFCDBCompileRun.bat** bat file in windows (ROFCDBCompileRun.sh in linux) for FCUBS + Payments- DDL Compilation and Object Compilation.

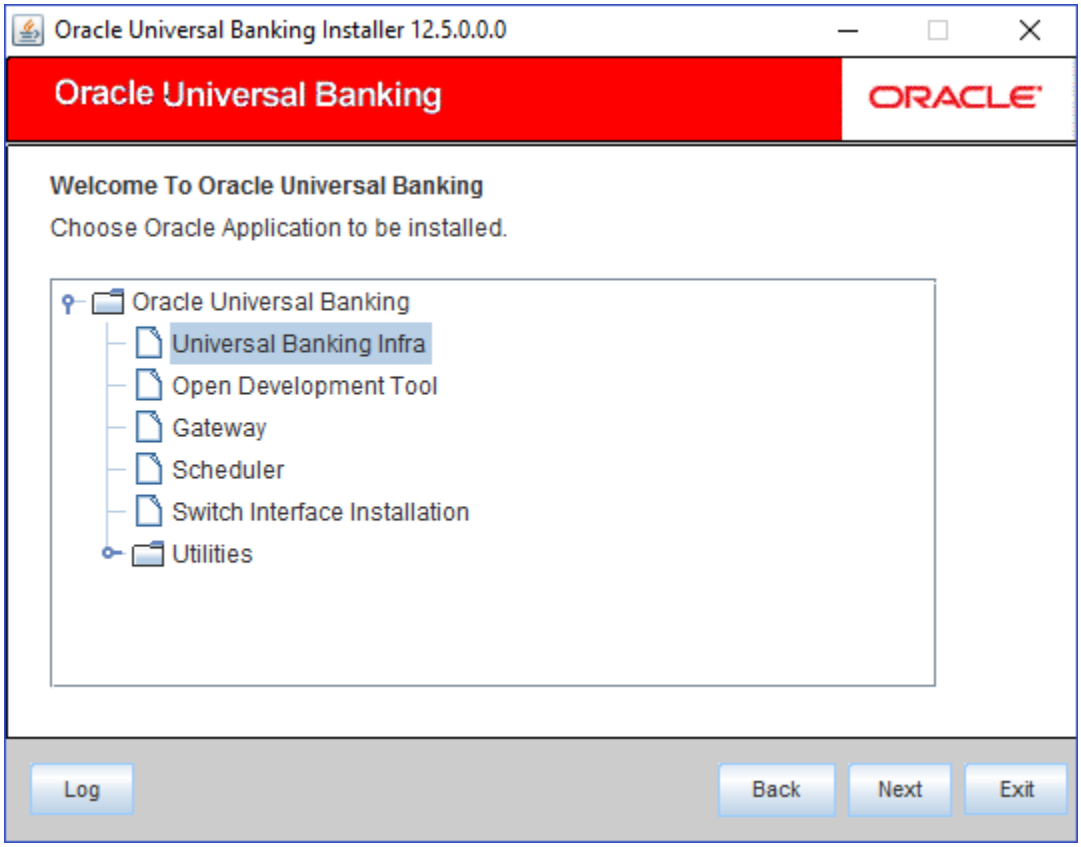
1.3.3 Basic Setup using GUI Installer

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

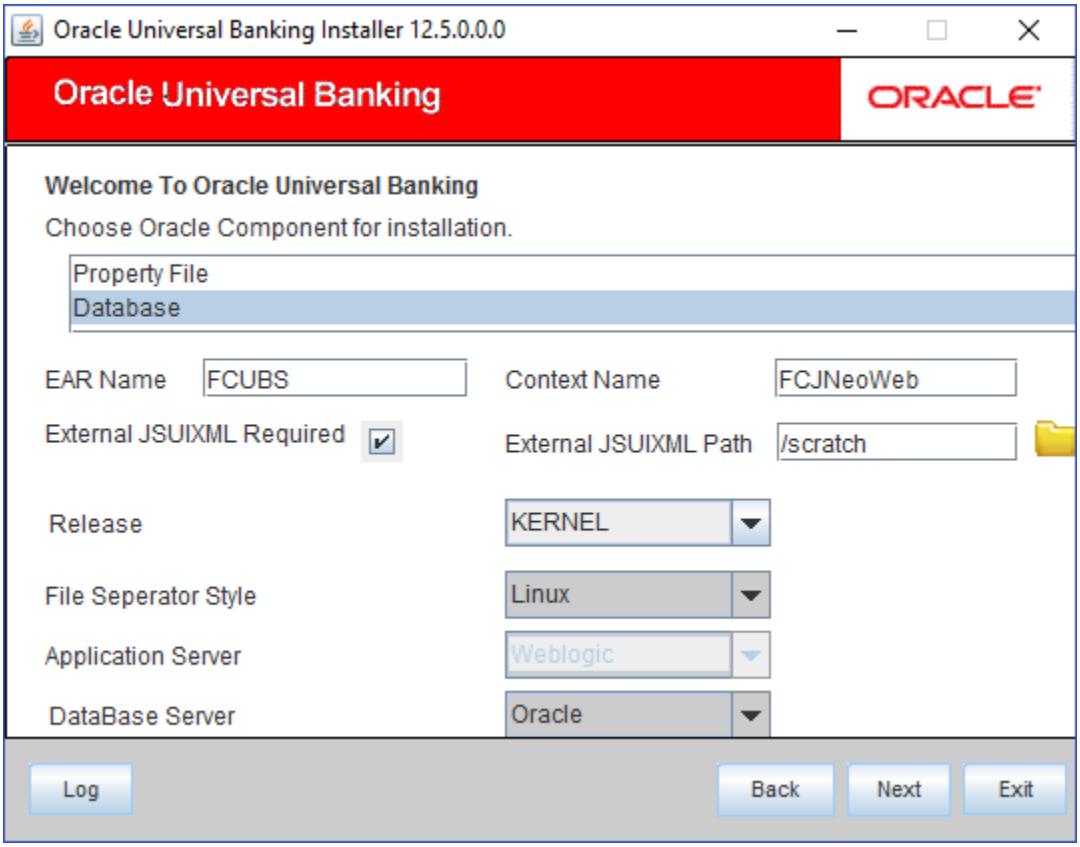
1. Launch Oracle Banking Payments Installer. Select the Application Name accordingly.



2. Click ‘Next’ and the following screen is displayed.



3. Click ‘Next’ and the following screen is displayed:



4. Choose ‘Database Setup’.

   Specify the following details:

   EAR Name

   Specify a name for the Application to be deployed

   Context Name

   Based on the Application type selected, the Installer displays the application context. However, you may modify the default value.

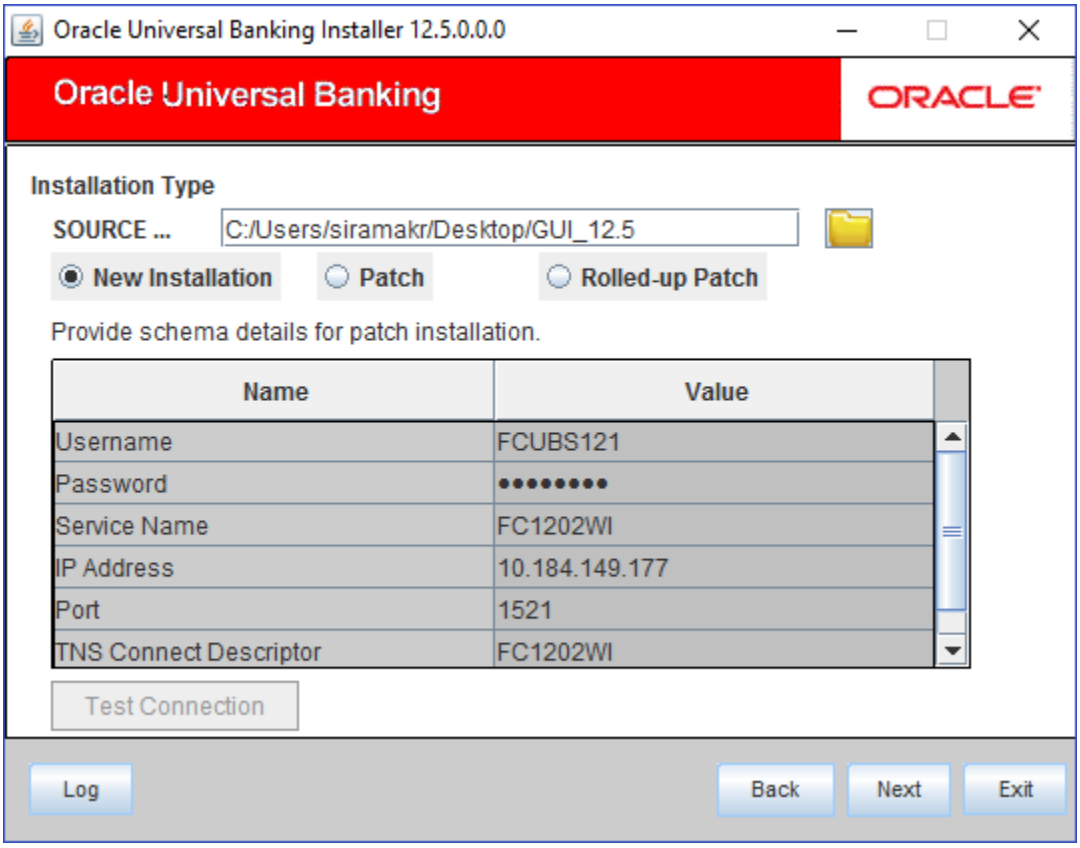
   Release

   Specify the release which you want to install.

   Database Server

   Specify the database server on which you are installing Oracle Banking Payments.

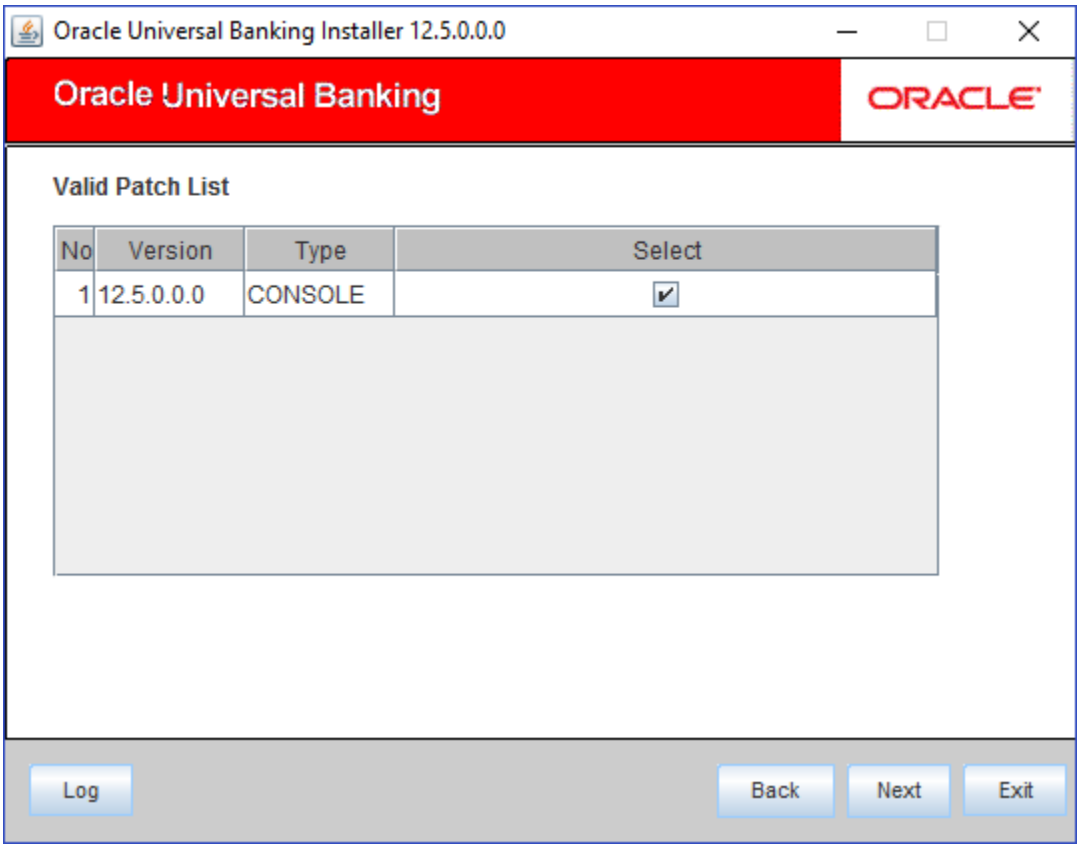
5. Once you have specified the above details, click ‘Next’ and the following screen is displayed:



Select the appropriate installation option. Provide schema details for validation in case of patch and rolled up patch installation. For New Schema details are not enabled. Click ‘Next”.

6. Based on the FCHOME chosen, the valid list of deployable units are listed as shown in the next screen:

   Choose the required set of Main and Patch releases. Click Next. Following screen is shown.

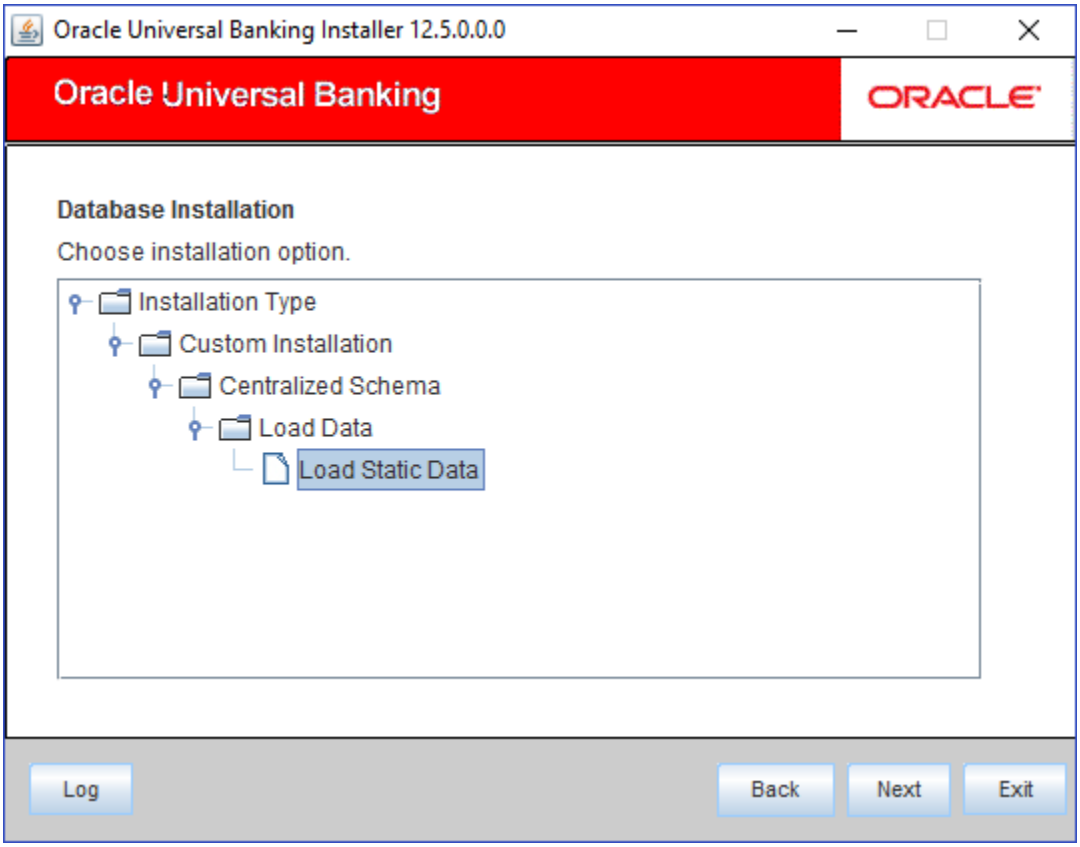

Oracle Universal Banking Installer 12.5.0.0.0
Oracle Universal Banking
ORACLE
Valid Patch List
No
Version
Type
Select
1
12.5.0.0.0
CONSOLE
Log
Back
Next
Exit

The Oracle Banking Payments installer supports custom installation of Oracle Banking Payments in two methods:

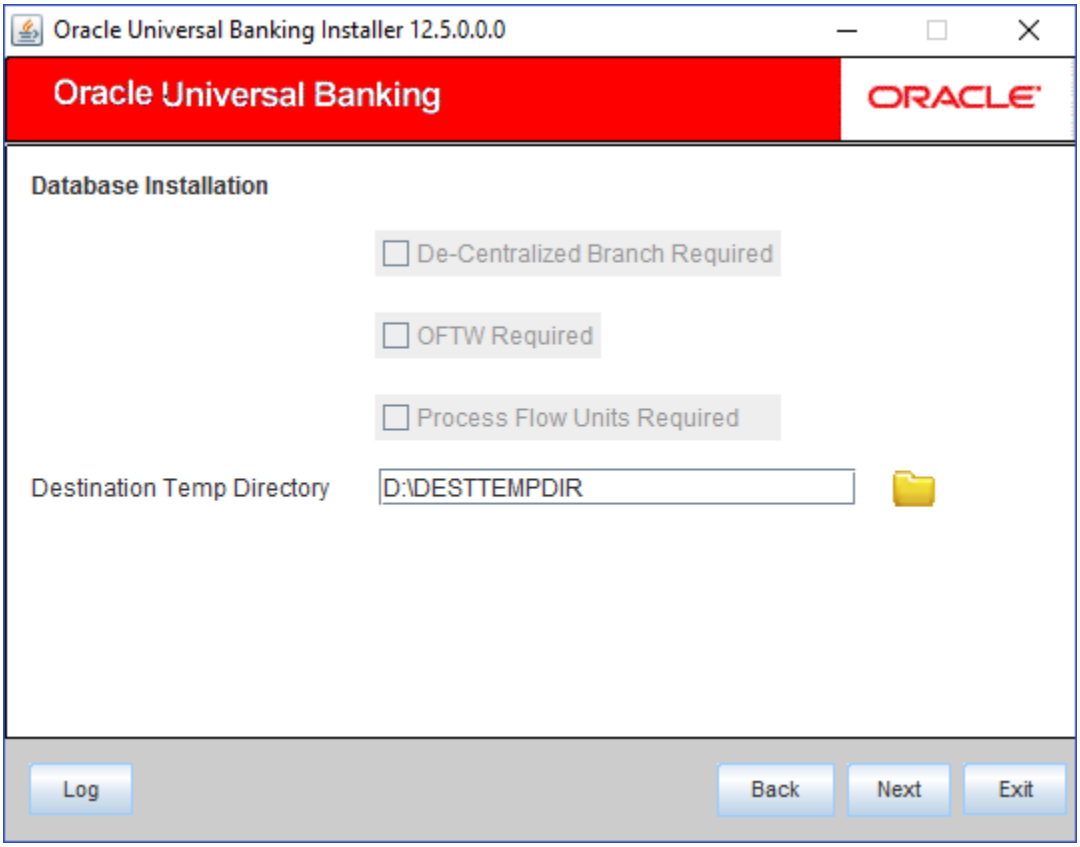
- Compile objects and load static data into the database
- Load objects and data by importing data and objects from the import file

  As mentioned above using the Silent Installer.

7. Select ‘Load Static Data’ under ‘Custom Installation’



8. Click ‘Next’ and the following screen is displayed:


Oracle Universal Banking Installer 12.5.0.0.0
Oracle Universal Banking
ORACLE
Database Installation
De-Centralized Branch Required
OFTW Required
Process Flow Units Required
Destination Temp Directory
D:\DESTTEMPDIR
Log
Back
Next
Exit

Specify the following details:

Destination Temp Directory

Specify the destination directory. Use the directory icon to browse the destination directory.

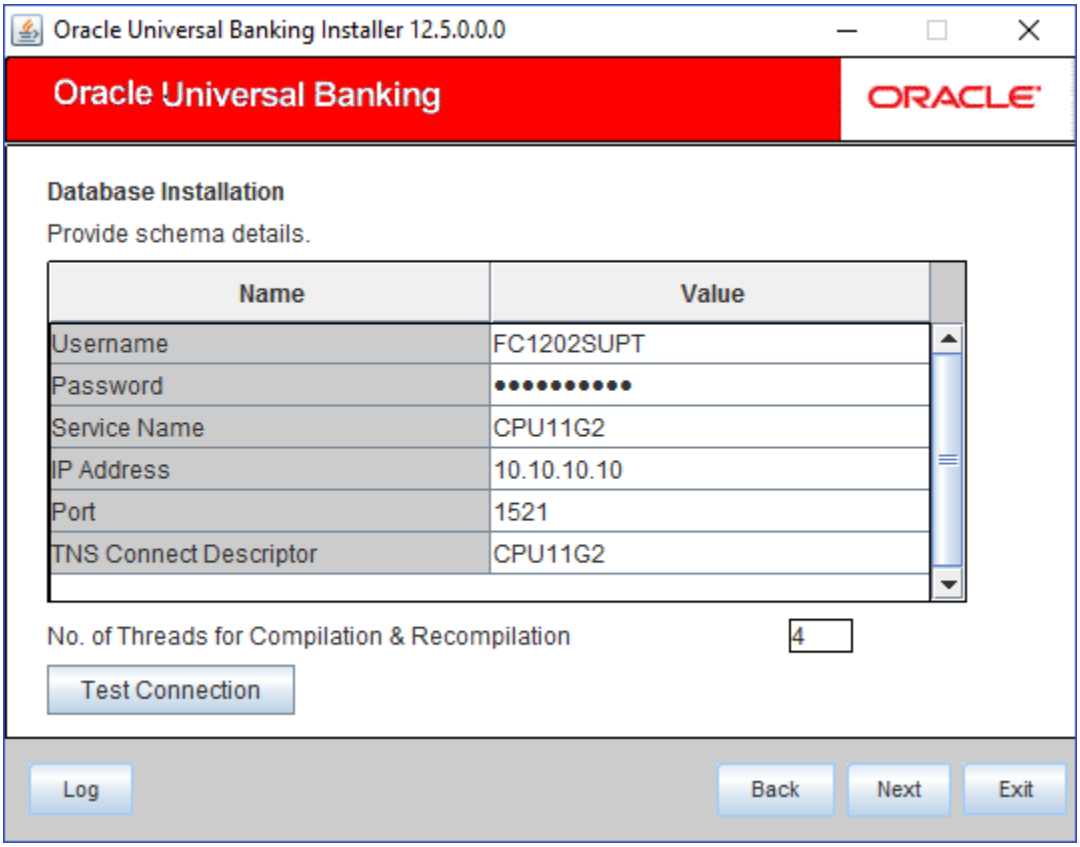
OFTW Required

Mark checked, if OFTW (Oracle Banking Payments Testing Workbench) is required

De-Centralized Branch Required

Mark checked, if de-centralized branch is required. (This is done to create the Materialized View Logs on the Host schema)

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



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.

Port

Specify the port number.

No. of threads for Compilation & Recompilation

Specify the number of processes that would be used to compile the objects and recompile the Objects in Recompile Process. Recommended value is 4 to 8. (no of cores of the machine from where db is being set) .Maximum Limit is No of cores*2.

TNS Connect Descriptor

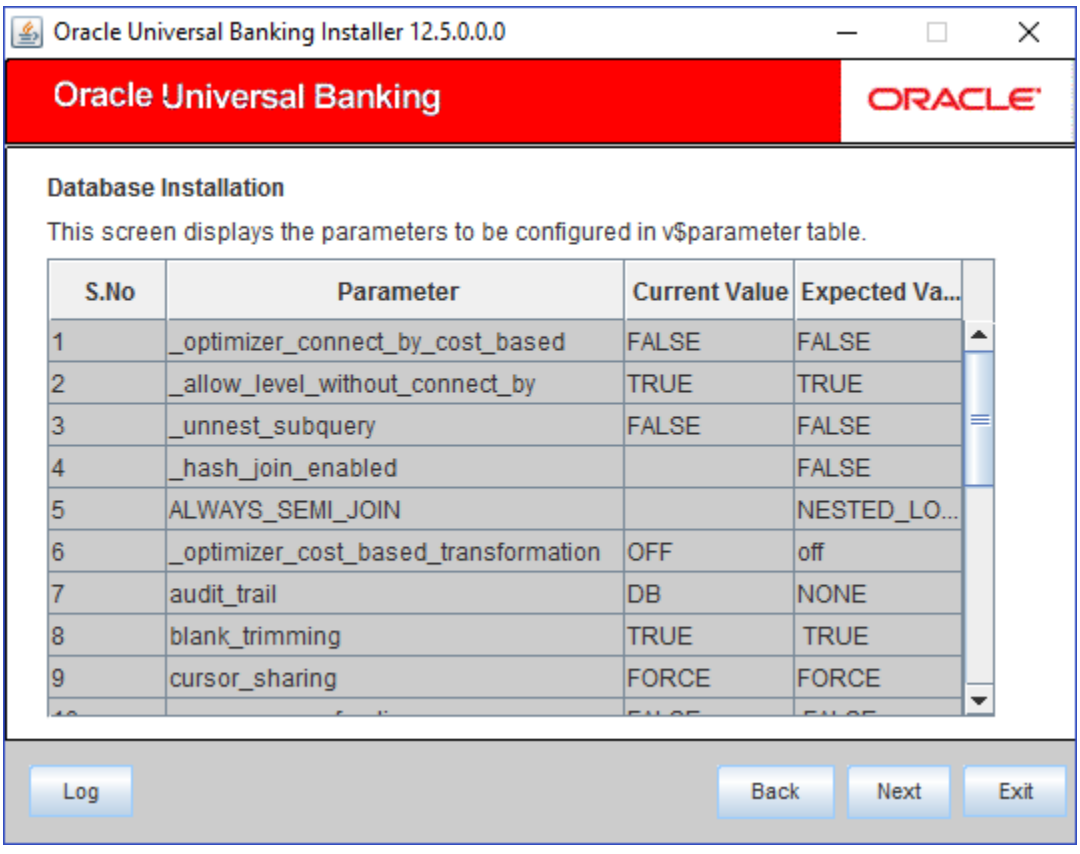
Specify a valid connect string that contains the details for database connectivity.

10. Once you have entered the details, you can test the database schema connection using 'Test Connection' button.

Note the following:

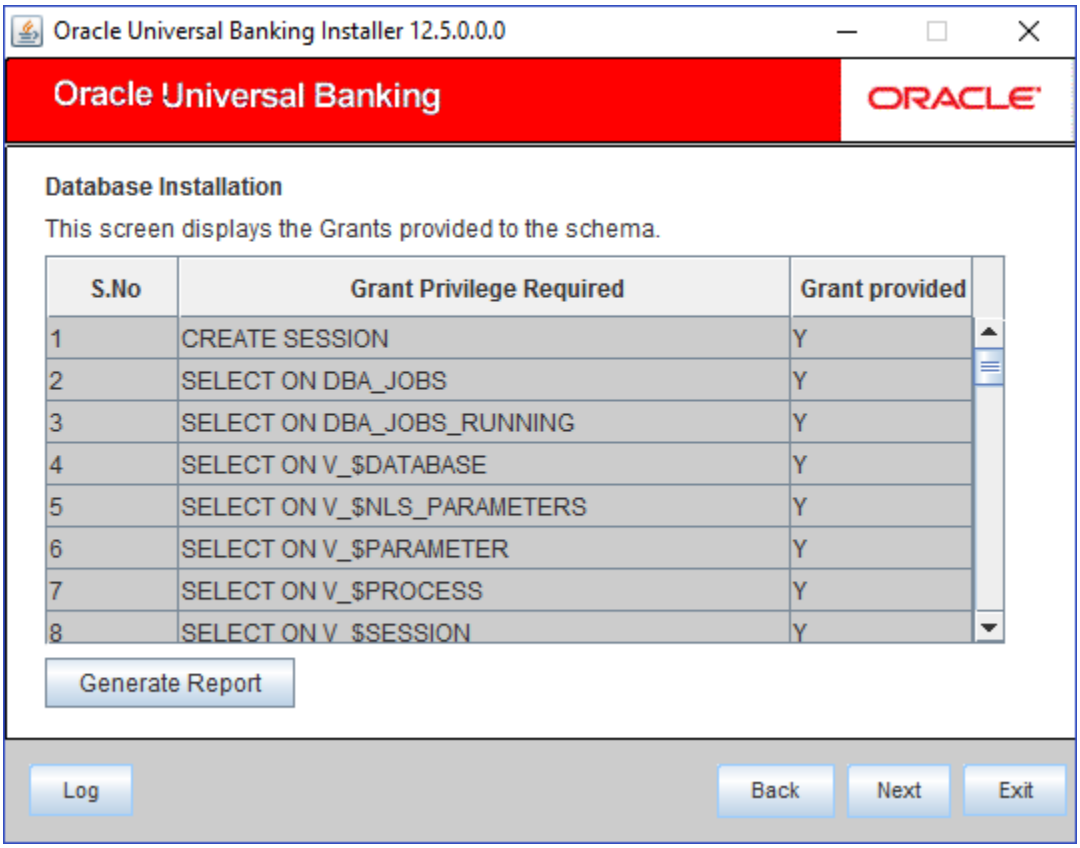
- If the connection is established, the installer displays a message 'Connection Successful'.
- If there is an error in establishing the connection, the system displays the message 'Invalid DB Credentials'.
- If the TNS entry is not proper, the installer displays the message 'TNS entries are not proper'.

11. After testing the connection successfully, click 'Next' and the following screen is displayed:



This screen displays the parameter details of the database.

12. Click ‘Next’ and the following screen is displayed:



This screen displays the grants provided to the schema. If object compilation is required and the privilege is not given, then you can find that out from this screen.

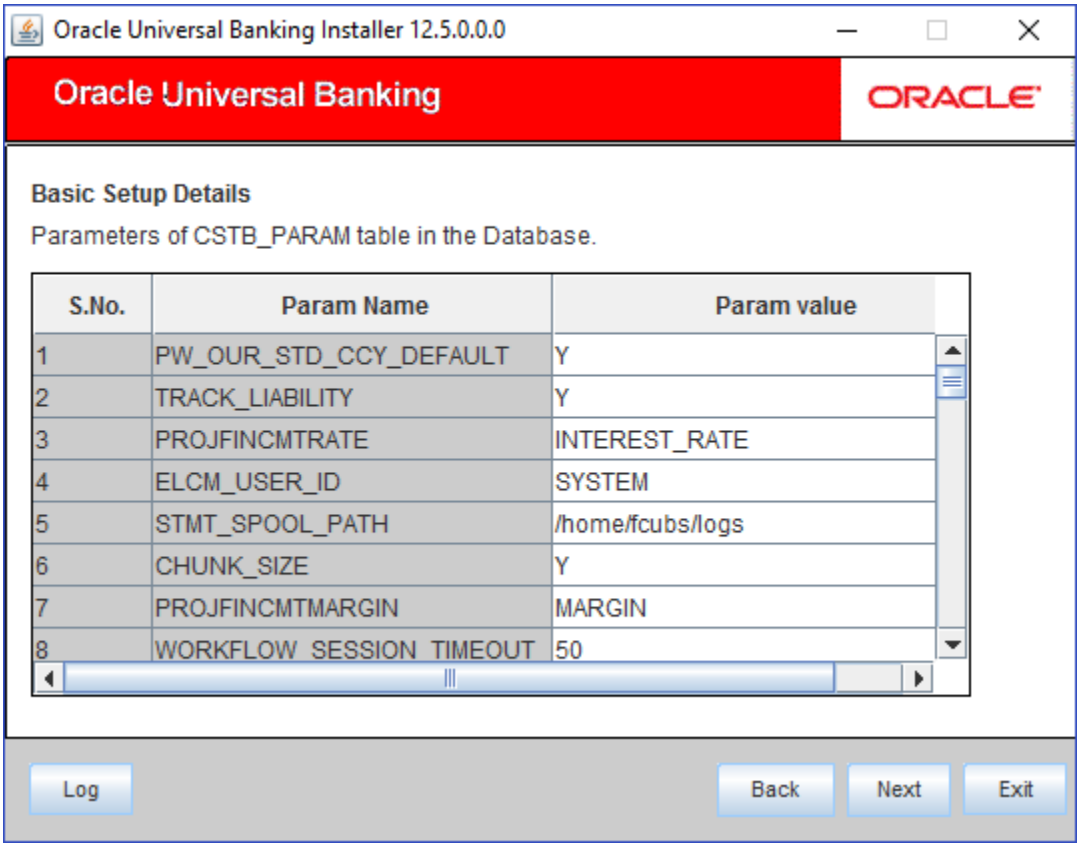
13. Click ‘Generate Report’ button, the installer creates an SQL file ‘grantScript.sql’ containing the script for granting the privileges in the ‘Logs’ folder and the following screen is displayed

You can use this file to get the access.

Only the sys user can execute the file ‘grantScript.sql’ for granting privileges.

14. Click ‘Next’ button and the following screen is displayed.

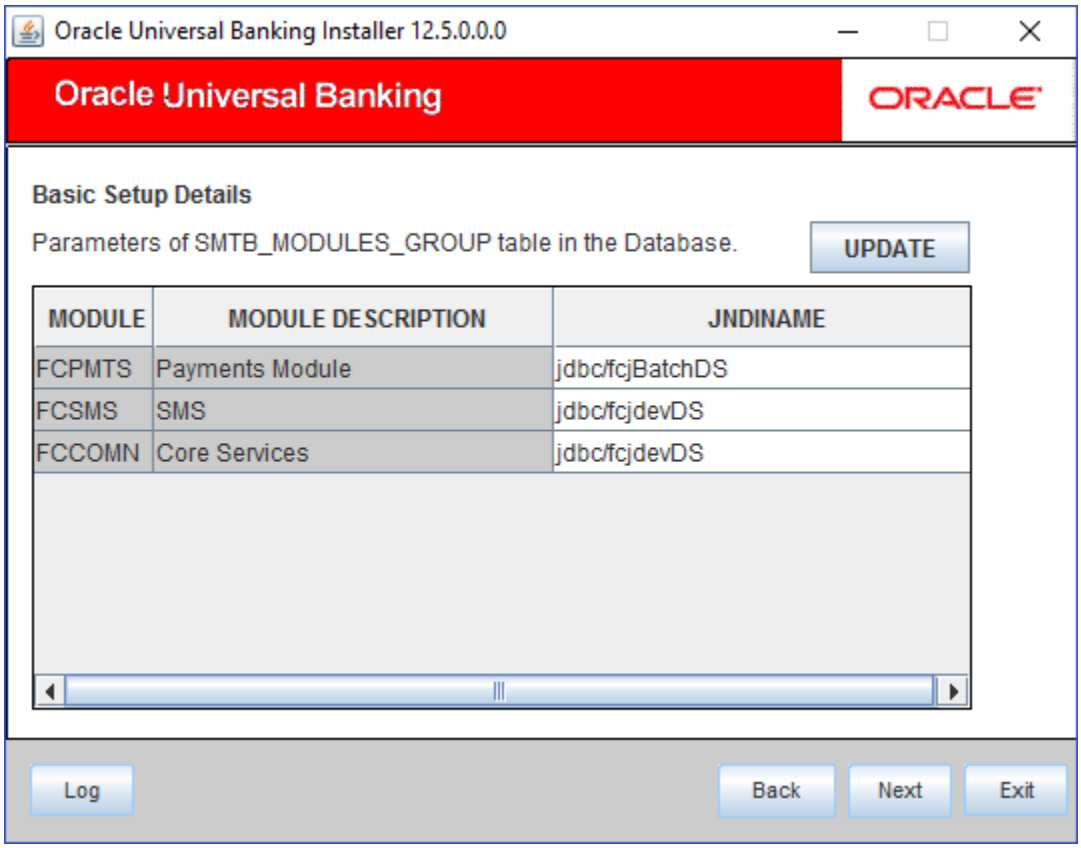
15. Click ‘Next’ and the following screen is displayed:



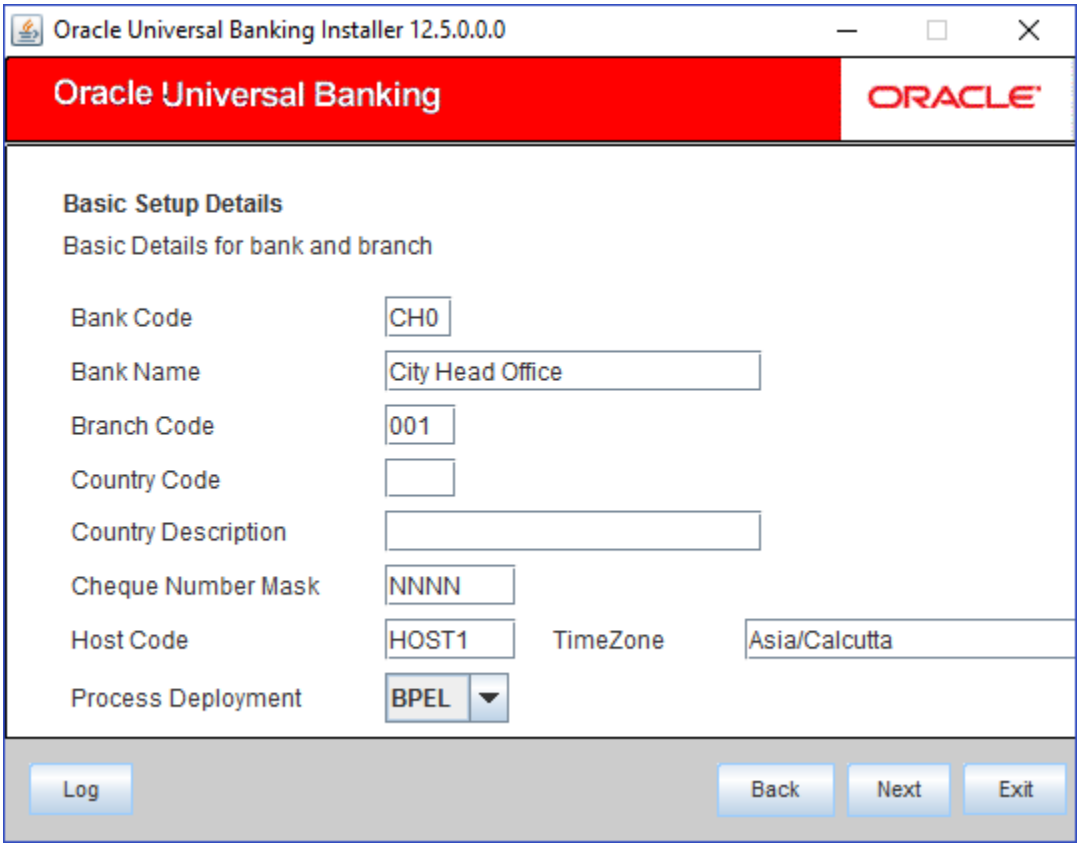
16. Screen displays basic setup details for table 'CSTB_PARAM'.

Here debug path's can be added for WORK_AREA and TRACE_AREA.

17. Update the smtb_modules_group table in database, and UPDATE.



18. Click ‘Next’. The following screen is displayed.



Screen displays basic setup details for bank and branch

Bank Code

Displays the bank code.

Bank Name

Displays the bank name.

Branch Code

Displays the branch code.

Country Code

Displays the Country code.

Country Description

Displays the Country Description.

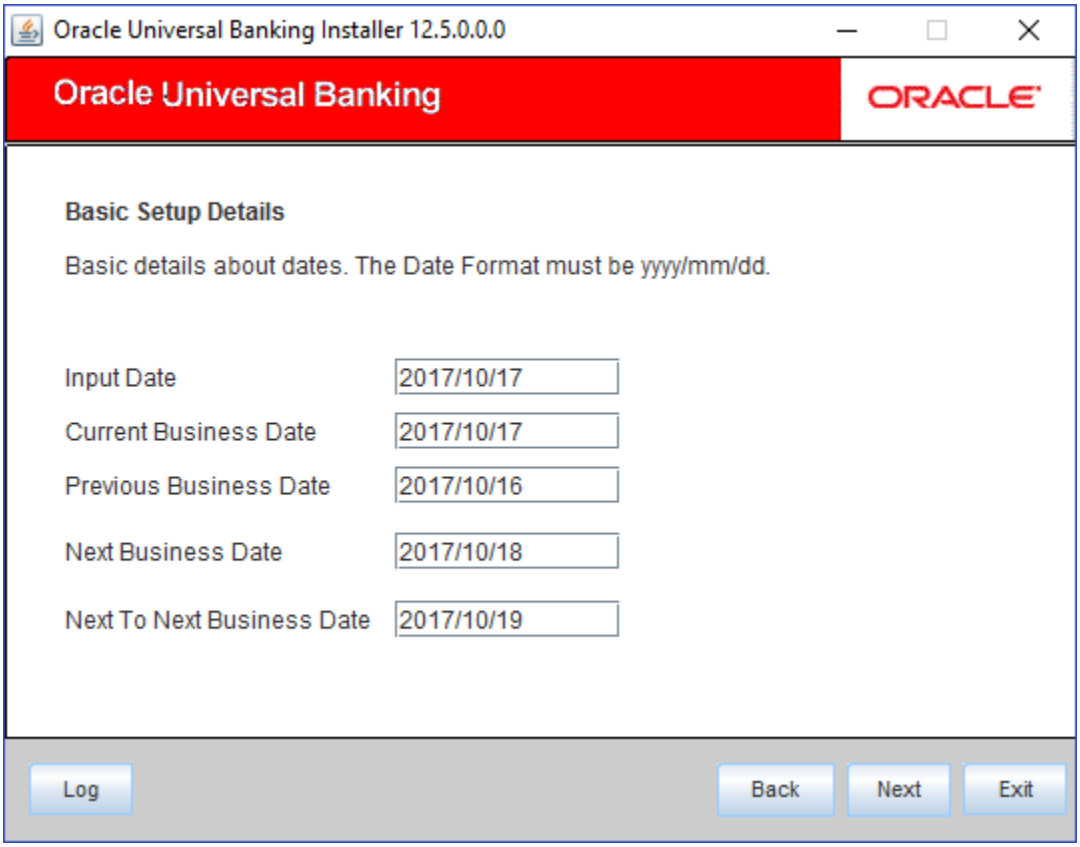
Cheque Number Mask

Displays the Cheque Number Mask

Process Deployment

Choose mode of process deployment between BPEL or BPMN

19. Click ‘Next’. The following screen is displayed.



20. Screen displays basic setup details for dates.

    Input Date

    Displays the input date.

    Current Business Date

    Displays the current business date.

    Previous Business Date

    Displays the previous business date.

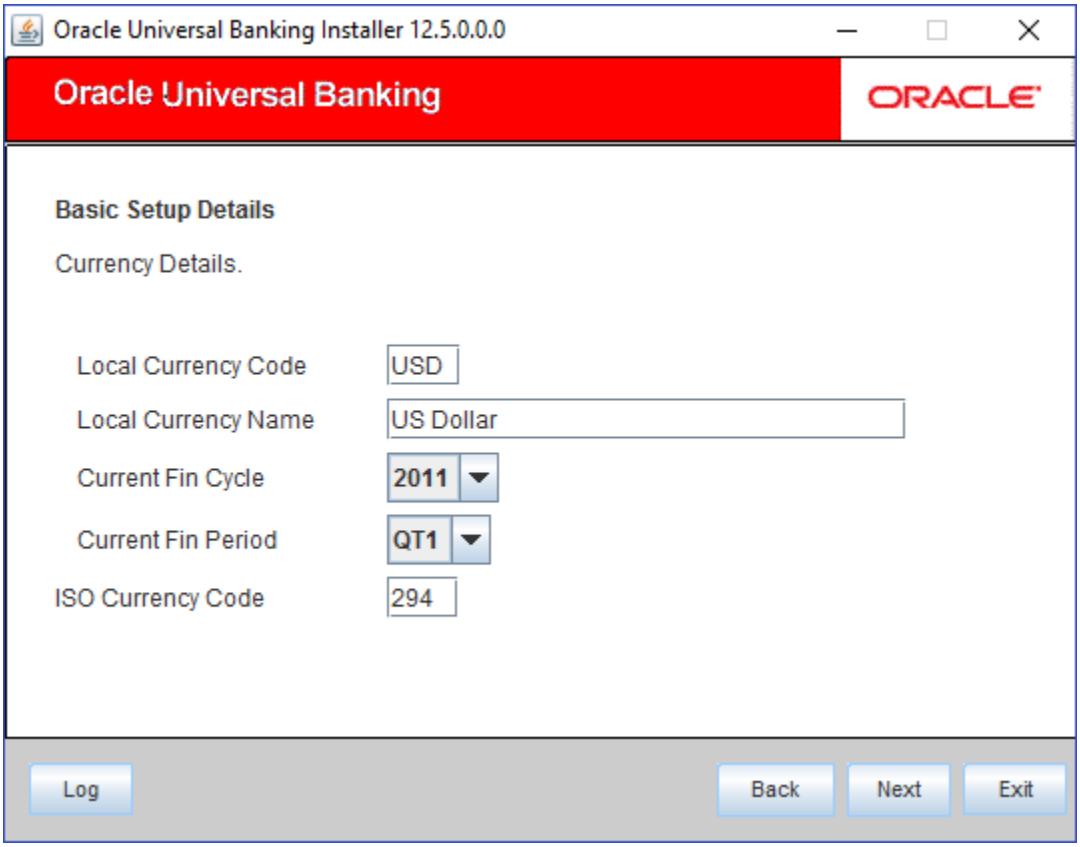
    Next Business Date

    Displays the next business date.

    Next to Next Business Date

    Displays the next to next business date.

21. Click ‘Next’. The following screen is displayed.



Screen displays basic setup details for currency.

Local Currency Code

Displays Local Currency Code

Local Currency Name

Displays Local Currency Name

Current Fin Cycle

Displays Current Fin Cycle

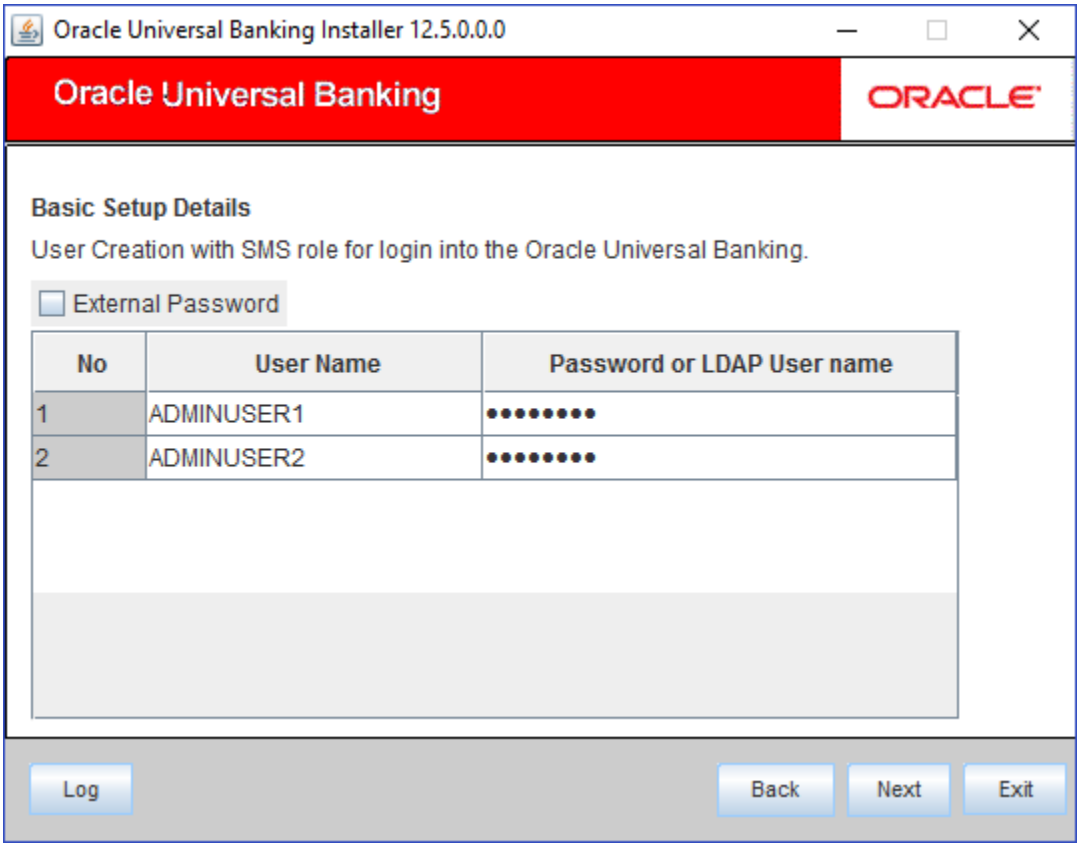
Current Fin Period

Displays Current Fin Period

ISO Currency Code

Displays ISO Currency Code.

22. Click ‘Next’ and the following screen is displayed:
23. Creation of ‘SYSTEM’ user is mandatory for payments processing , it needs to be created as part of static data setup.



Screen displays basic setup details for the table ‘SMTB_USER’, ‘SSTB_USER’ and ‘SMTB_USER_ROLE’.

External Password

Check this box to specify the external password.

User Name

Displays the user name.

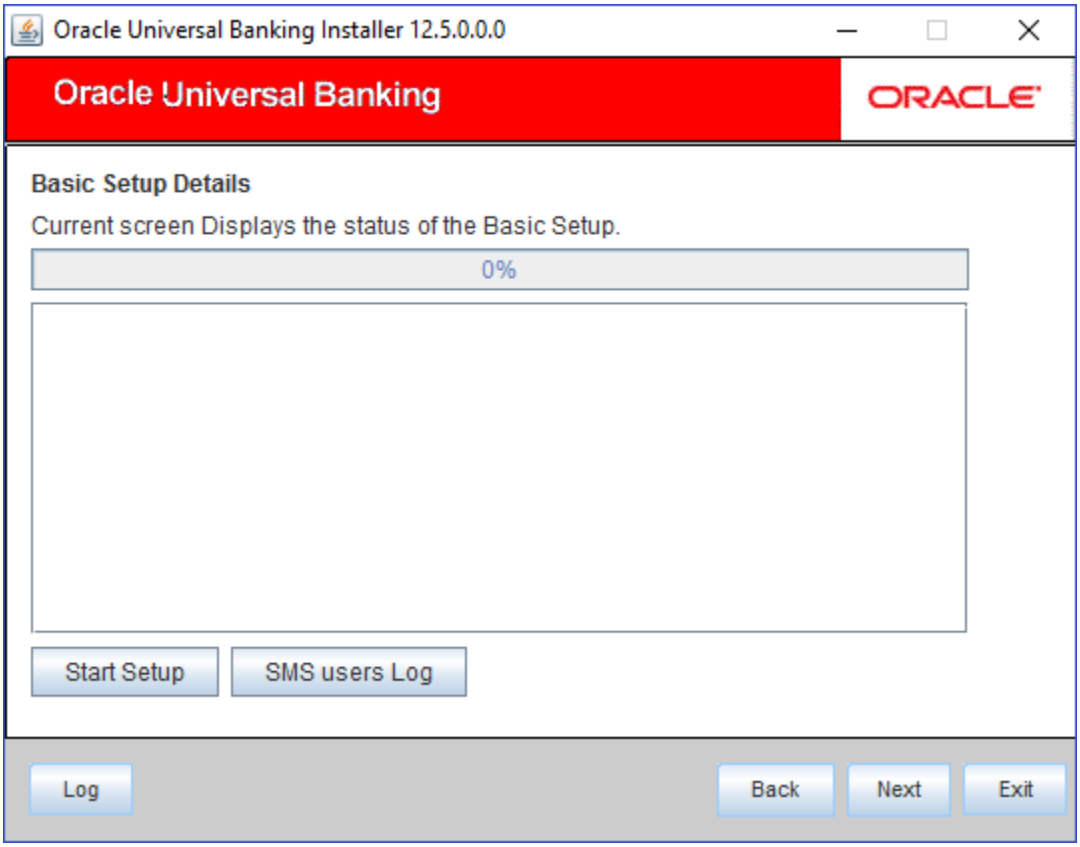
Password or LDAP User Name

Specify the password. You can use the following characters in the password:

- Alphabets in uppercase
- Alphabets in lowercase
- Numerals

You cannot use ‘_’ (underscore) in the password.

24. Click ‘Next’ and the following screen is displayed:



25. Click ‘Start Setup’ button to compile the entries.
26. JNDI name in Smtb_Modules_group table need to be updated manually.

    This completes the basic setup process.

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