Switch Interface Installation
Oracle FLEXCUBE Universal Banking
Release 14.8.3.0.0
Part No. G61377-01
October 2026



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1. Switch Interface Installation

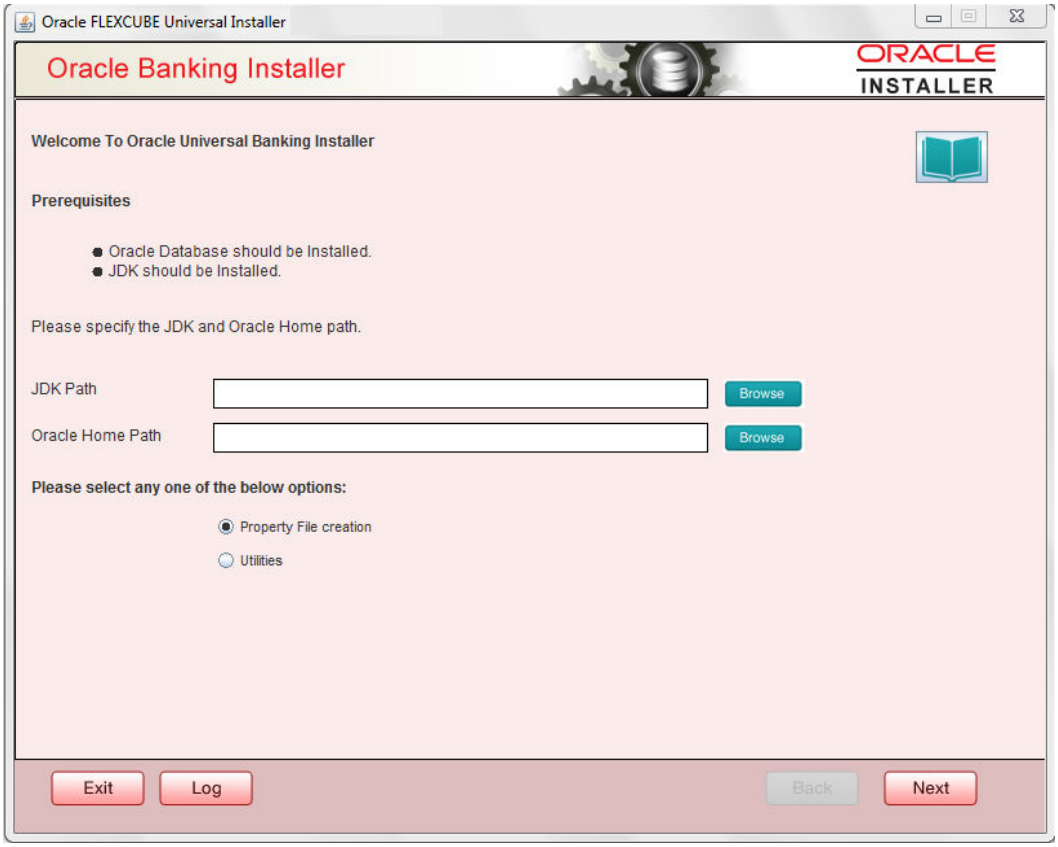
1.1 Introduction

This document explains about the switch interface installation.

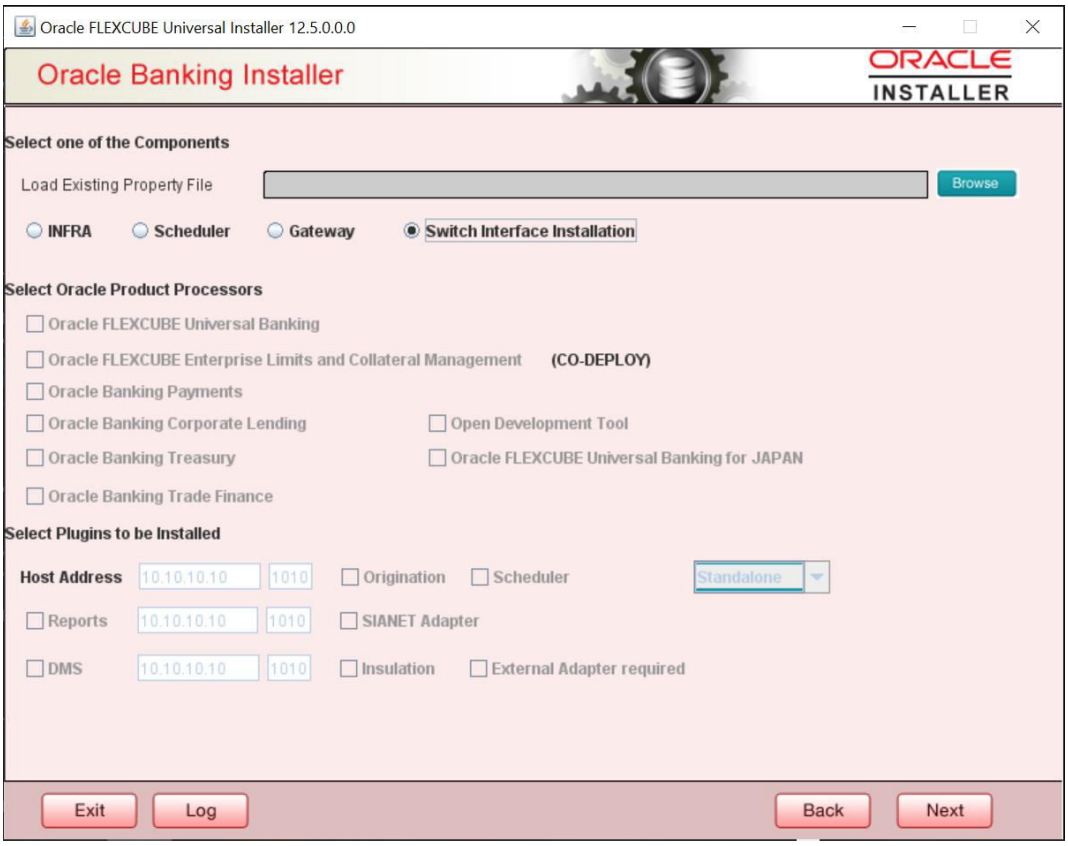
1.2 Installing Switch Interface

To install switch interface, follow the steps below:

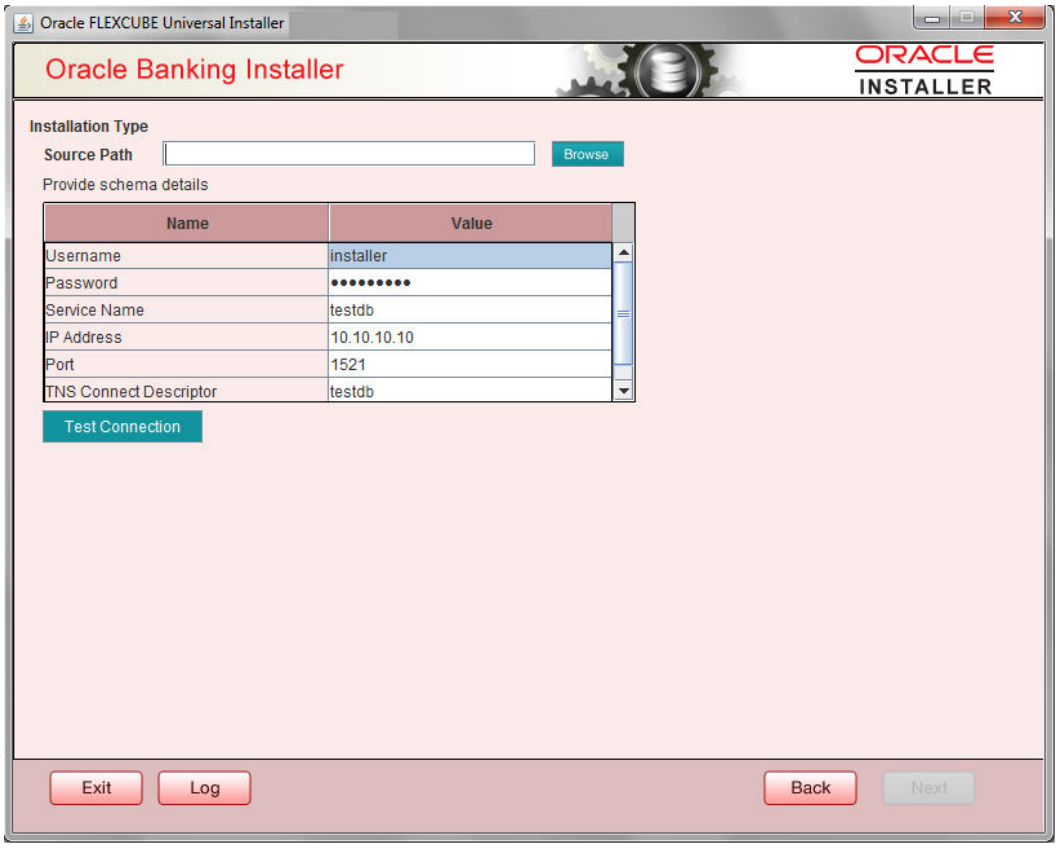
1. Run ‘FCUBSInstaller.bat’ batch to launch Oracle FLEXCUBE Universal Installer. The following screen is displayed.



2. Enter appropriate JDK Path and Oracle Home Path.
3. Click Property File Creation and click “Next”. The following screen is displayed.



4. Select ‘Switch Interface Installation’.
5. Click ‘Next’. The following screen is displayed.

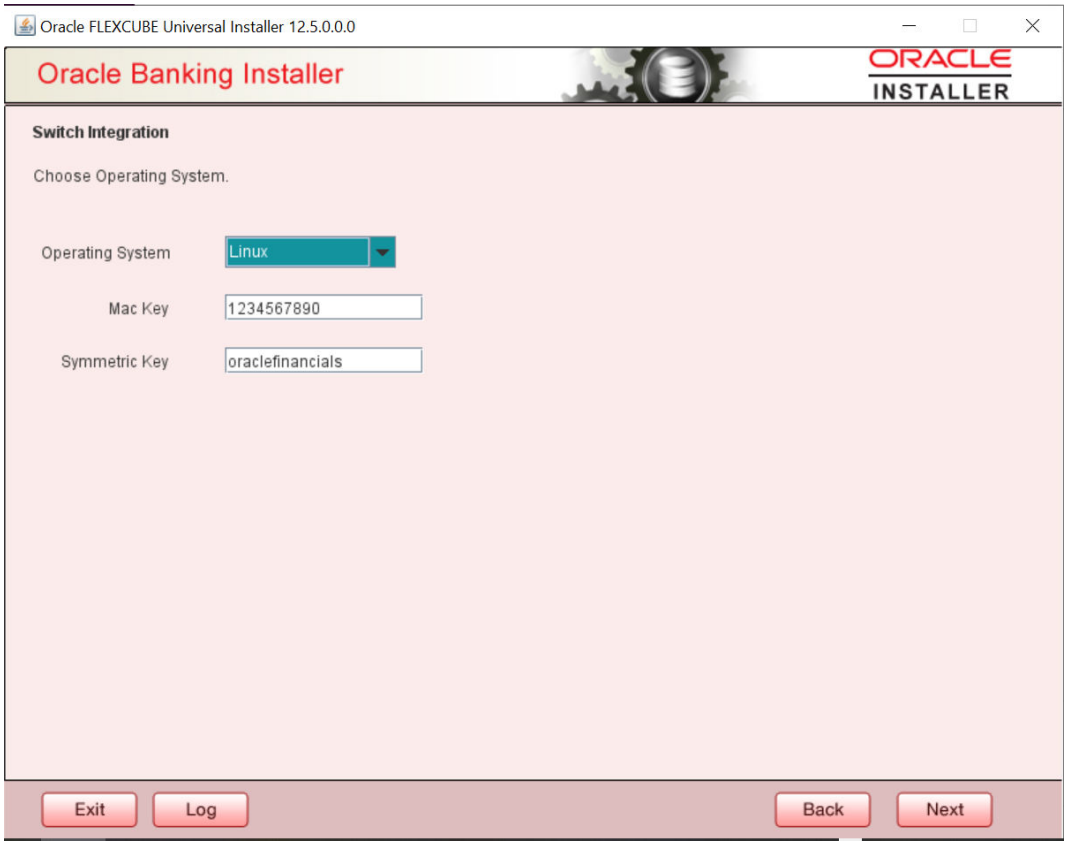


6. Enter Source Path and schema details. The Source Path is the place where FCHOME.ini file is there.Also do Test Connection to check Schema details are correct.

7. Based on the FC HOME chosen, the valid list of deployable units are listed as shown in the next screen:



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



9. Specify the following details:

Operating System

Select the operating system from the adjoining drop-down list.

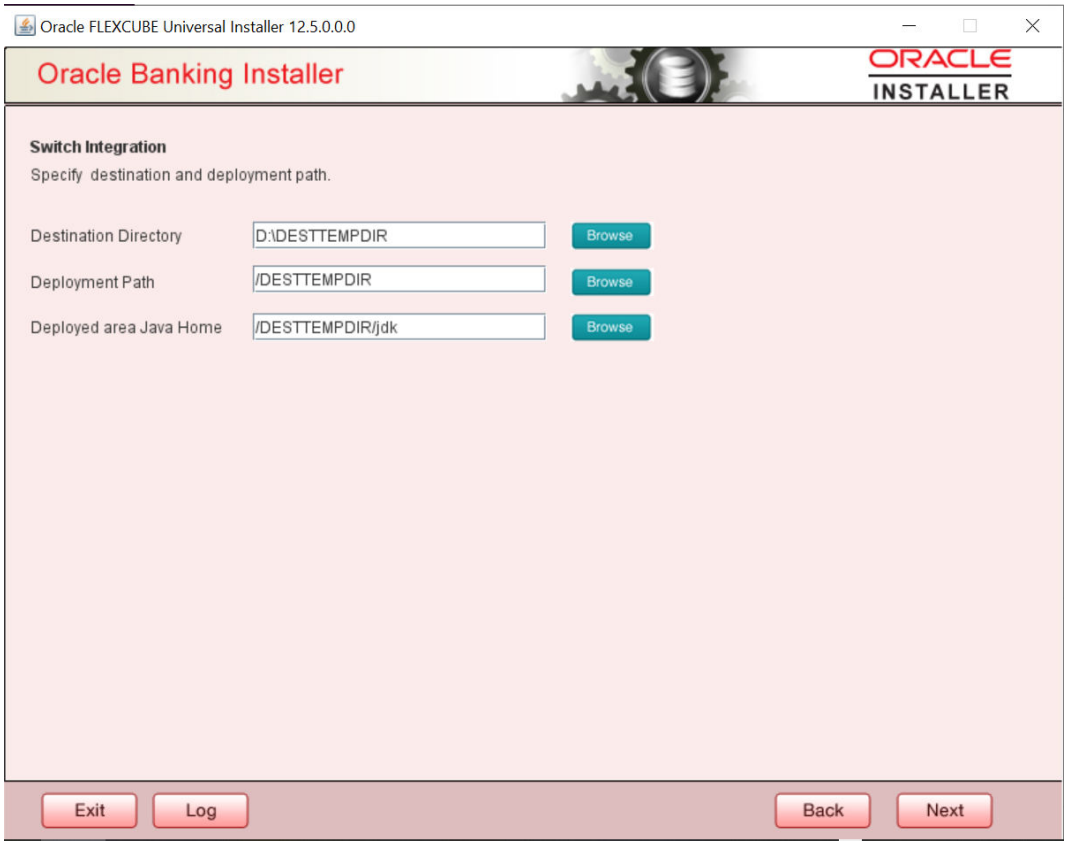
Mac Key

Give Mac key which is used in switch Integration application.

Symmetric Key

Symmetric Key is used to encryption and decryption.

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



11. Specify the following details:

Destination Directory

Specify the destination directory. You can use the directory button to browse to the location. This has to be on the local machine. For example, D:\switch\dest

Deployment Path & Deployment Are Java Home folders have to manually created on the server and the same paths must be given in the below steps.

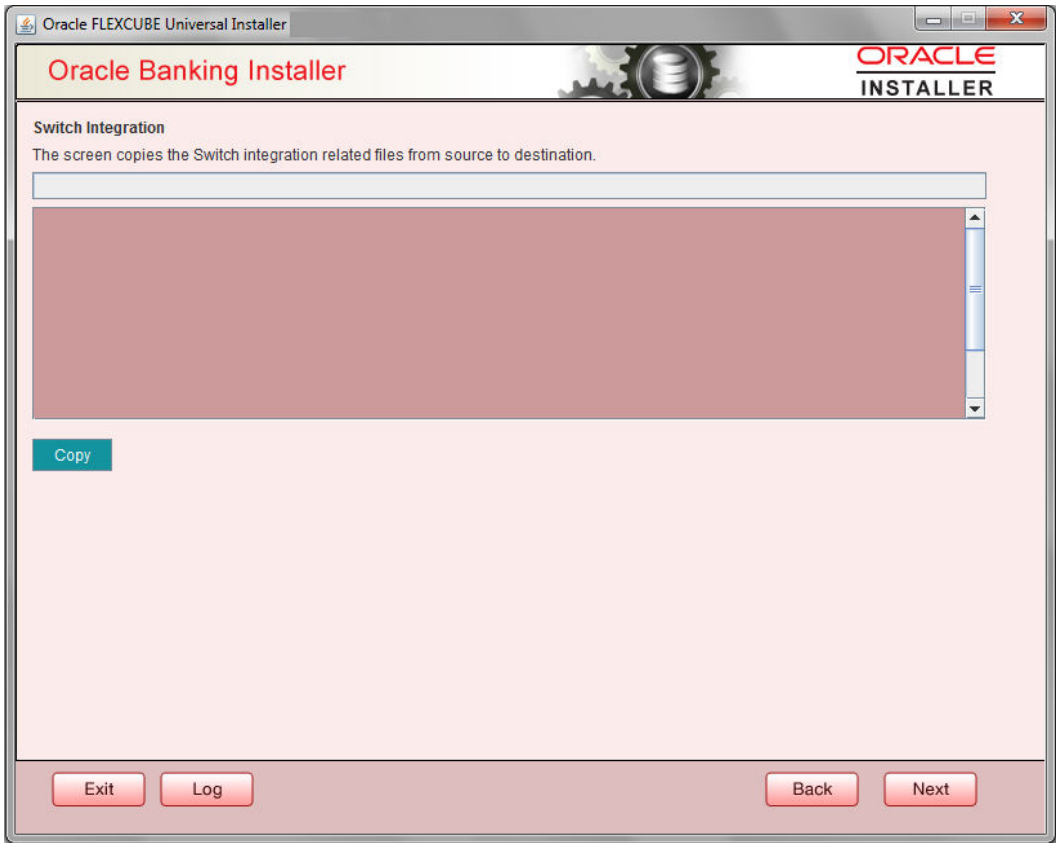
Deployment Path

Specify the deployment Path. You can use the directory button to browse to the location. This has to be on the server. Example: /scratch/WORK_AREA/DEV/FC141INSTEST/SWITCH

Deployed area Java Home

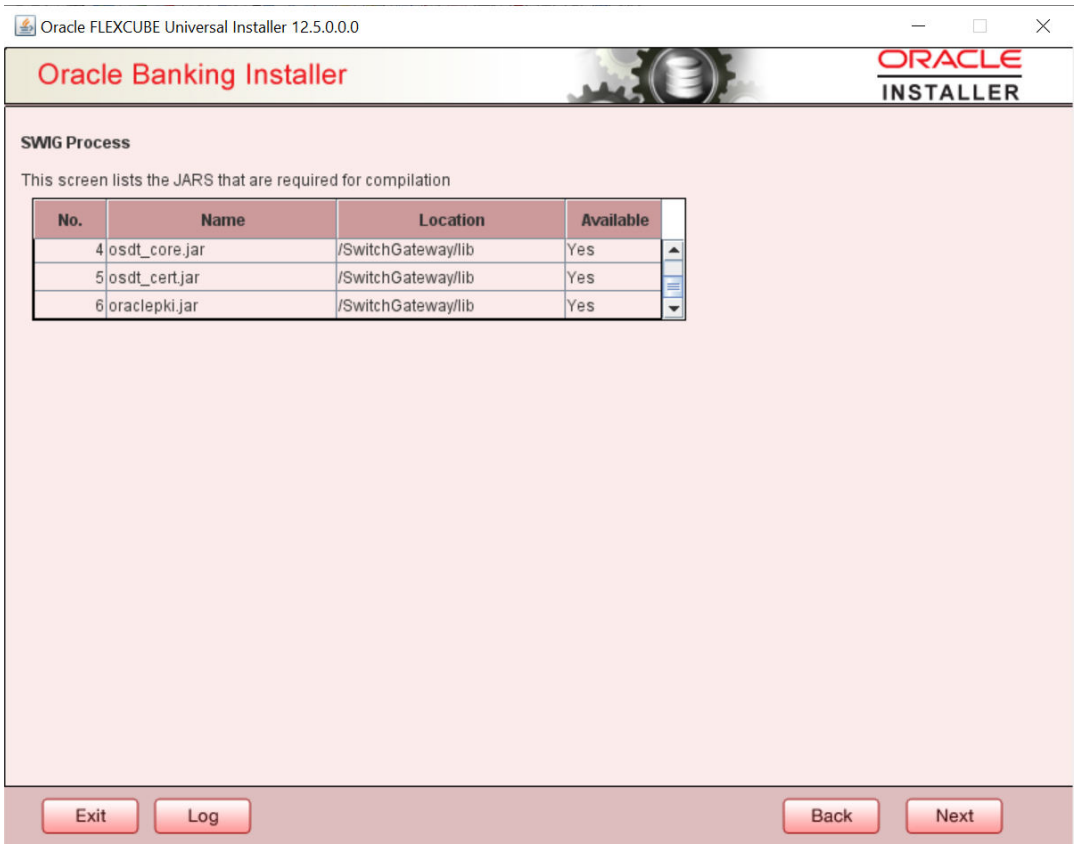
Specify the deployed area java home. You can use the directory button to browse to the location. This has to be on the server. Example: /scratch/WORK_AREA/DBA/jdk1.8.0_171

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

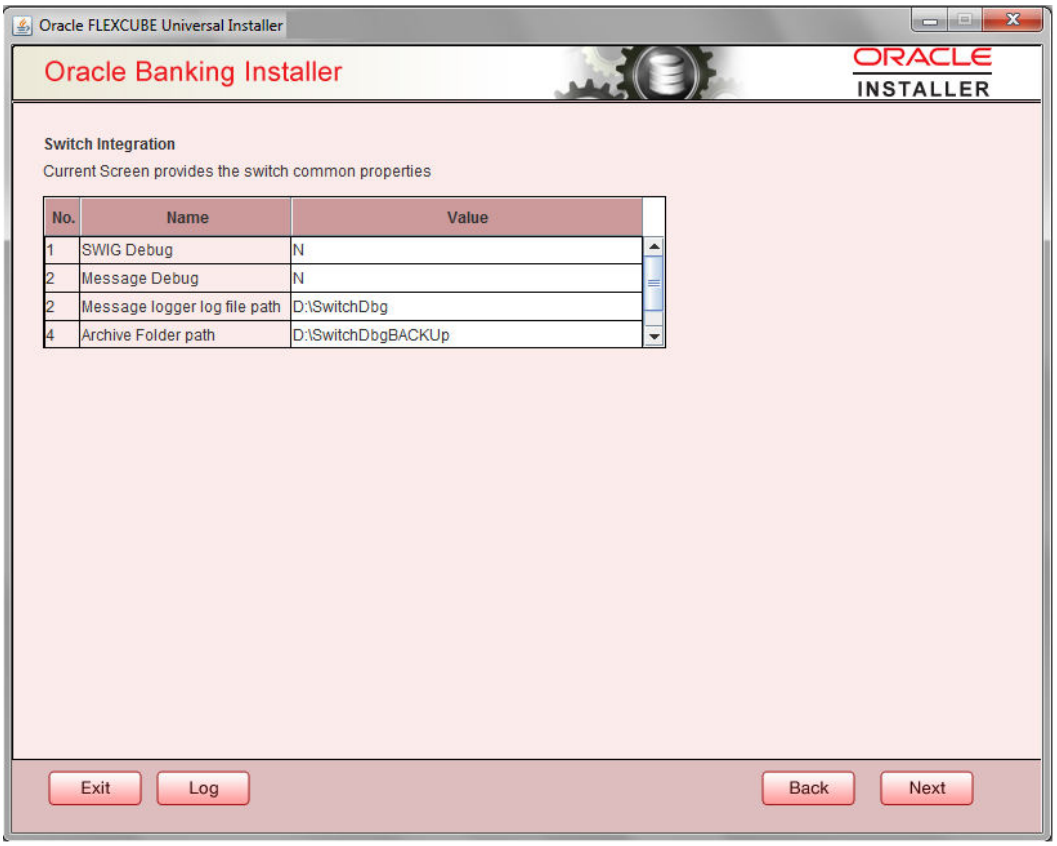


13. Click ‘Copy’ to copy the switch integration related files from the source to destination.
14. Click ‘Next’. The following screen is displayed.

    This screen shows list of jars required for compilation. This screen will be available in SOFT mode only. Availability of jars in respective location will be shown in Available column as Yes/No.



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



16. Specify the following general switch properties details:

SWIG Debug (SWIG- Switch Integration Gateway)

Select 'Y' if debug is required. If you select 'Y', then the exceptions generated in the SWIG java layer will be recorded in the Message Logger log file path.

Message Debug

Select 'Y' if Message debug is required. If you select 'Y', then the request and response messages will be recorded in Message Logger log file path.

Message logger File Path

Specify the path for log files to be written.

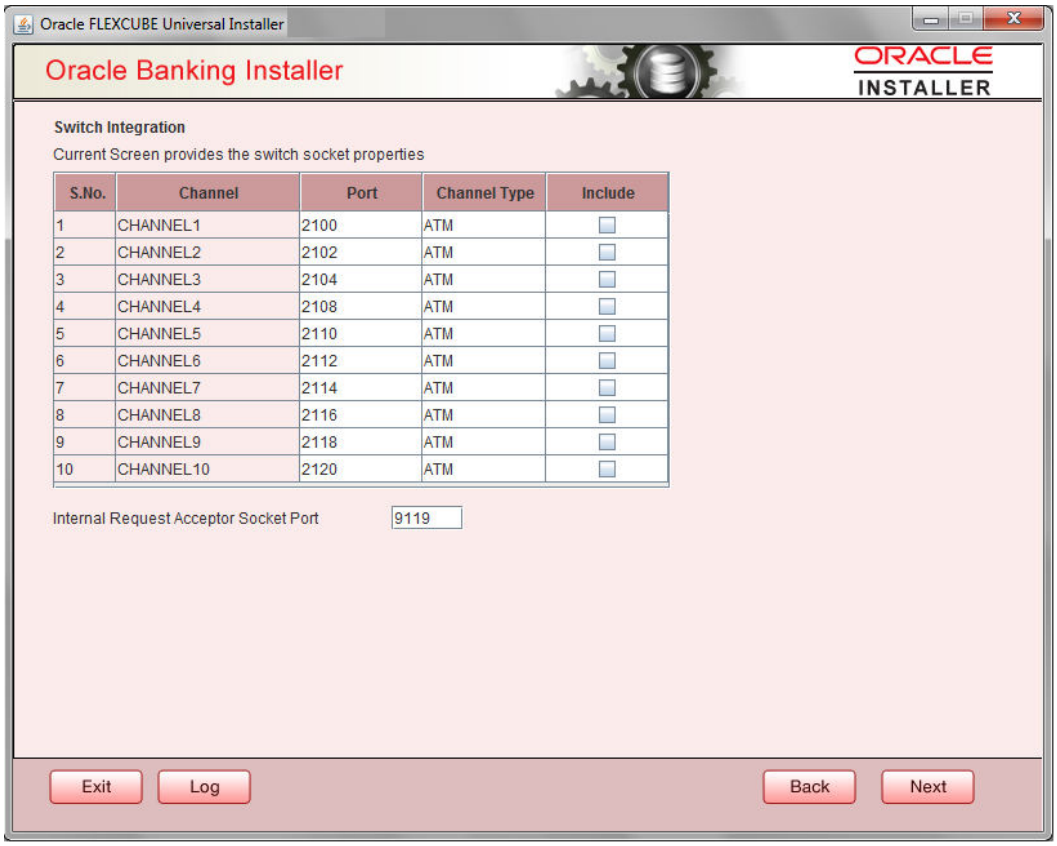
Archive Folder Path

The system displays the folder path where all the logged files are archived; however you can modify this, if required.

Debug Available Days

The system displays the number of days after which the debug files will be archived; however, you can modify this, if required.

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



18. Configure the channels that are used.

Port

The system displays the port number of the corresponding channel to which the switch can connect to send/receive transactions.

Channel Type

Select the channel name to be used as an identifier in Switch to send/receive transactions. Select one of the following:

- ATM
- POS
- IVR
- ALL

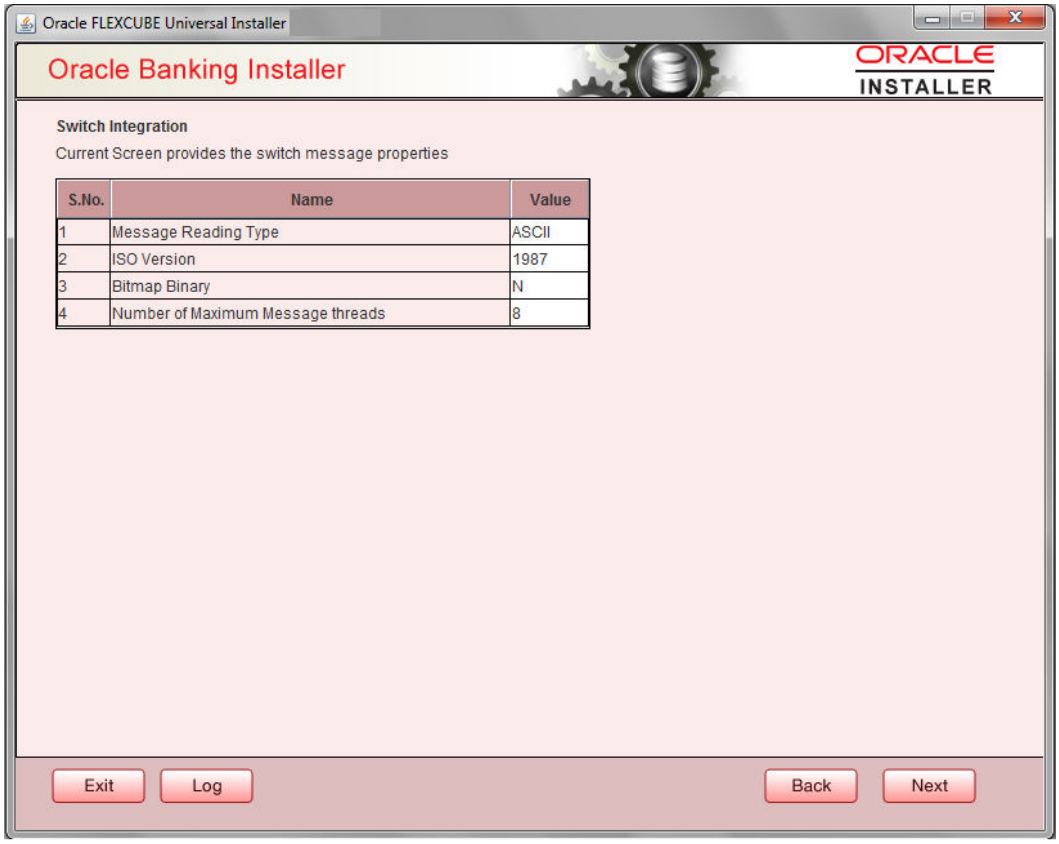
Include

If you check this box, the switch can communicate with the corresponding port. If unchecked, the Switch cannot communicate with the corresponding port.

Internal Request Acceptor Socket Port

System displays the internal request acceptor socket port number; however you can modify this, if required.

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



20. Specify the following details to configure the message type.

Message Reading Type

The system displays the way in which messages are read. This can be either ‘ASCII’ or ‘Binary’; however, you can modify this, if required.

ISO Version

The system displays the ISO version using which the Switch server will be communicating with our system; however, you can modify this, if required. The allowed values are 1987, 1993, 2003. The default value is 1987.

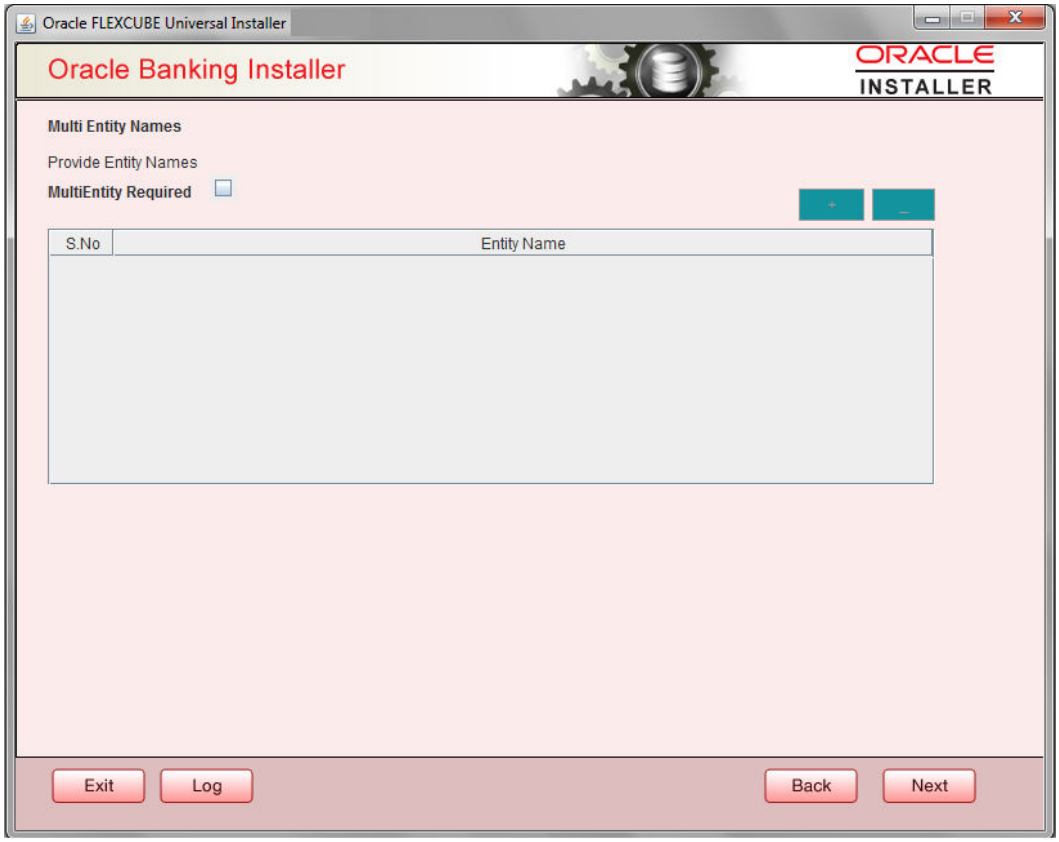
Bitmap Binary

The system displays the bitmap type of the message. This can be ‘Binary Bitmap’ or ‘ASCII Bitmap’. Select ‘N’ to indicate the ‘ASCII Bitmap’; whereas, select ‘Y’ to indicate the ‘Binary Bitmap’.

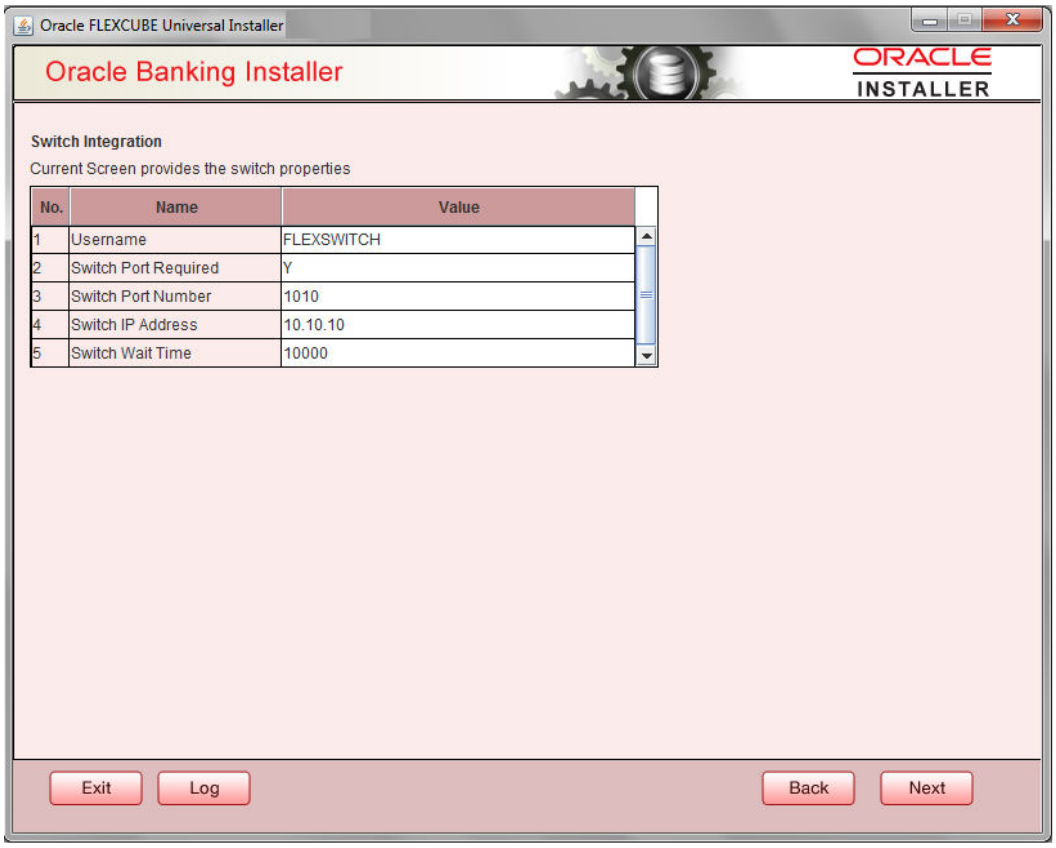
Number of Maximum Message threads

21. Specify the no of message threads. By default, it is eight.

There is an option to provide Multi Entity names.



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



23. Specify the following details to configure the Switch properties.

Username

The system displays the Oracle FLEXCUBE user name that has all the rights.

Switch Port Required

The system displays if the Switch port is required. If 'Y' is selected, then SWIG can communicate with Switch Port Number, if 'N' is selected, then SWIG cannot communicate with Switch Port Number. You can modify this, if required.

Switch Port Number

The system displays the Switch Server Port Number to which our application will send Sign On/Sign Off Message; however you can modify this, if required.

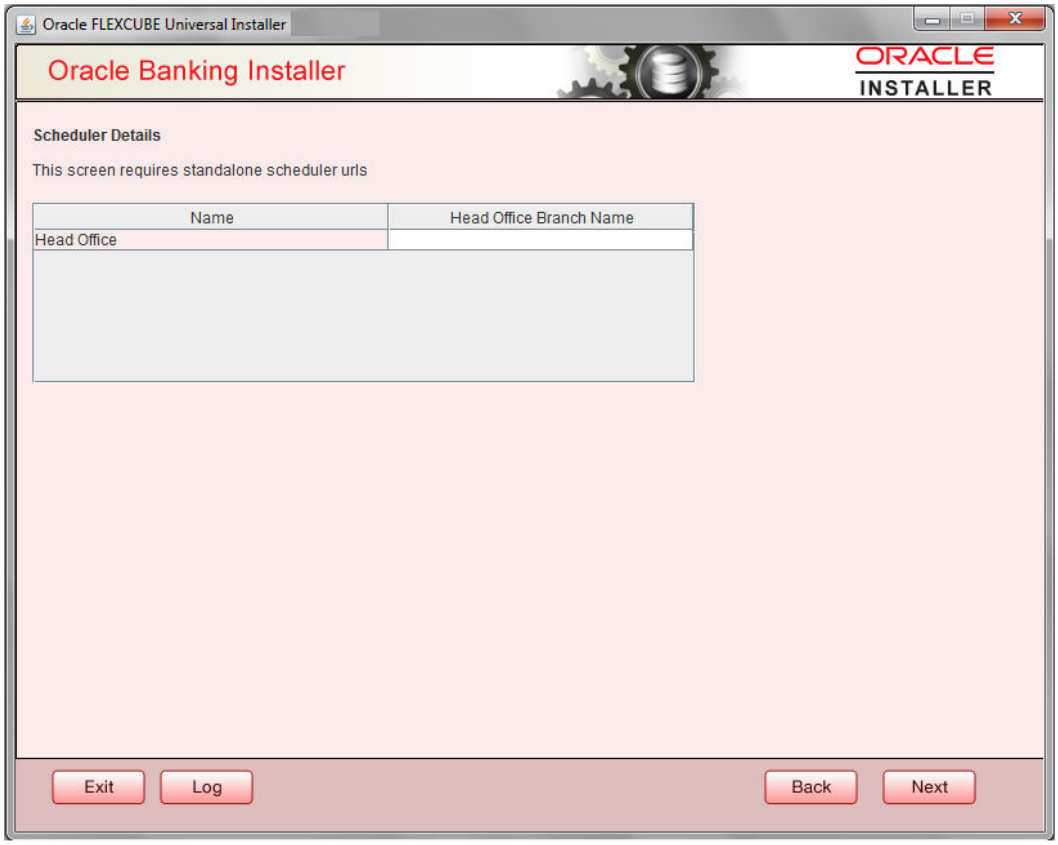
Switch IP Address

The system displays the Switch Server IP Address to which our application will send Sign On/Sign Off Message; however you can modify this, if required.

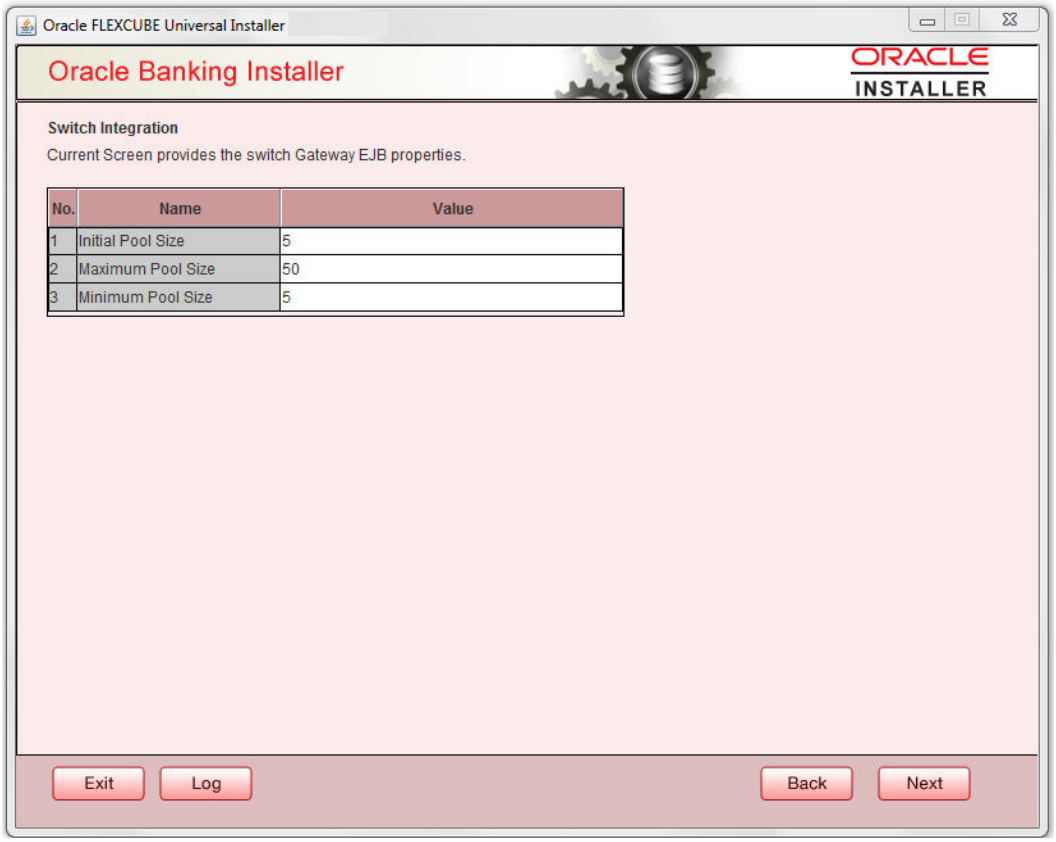
Switch Wait Time

The system displays the time period the application will wait for the response from the switch for Sign On/Sign Off message. You can modify this, if required.

24. This screen provides option to enter the office branch names.



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



26. Specify the following details.

Initial Pool Size

The system displays the number of required connections as given by the parameter. The connections are created when it is initialized. This reduces the waiting time.

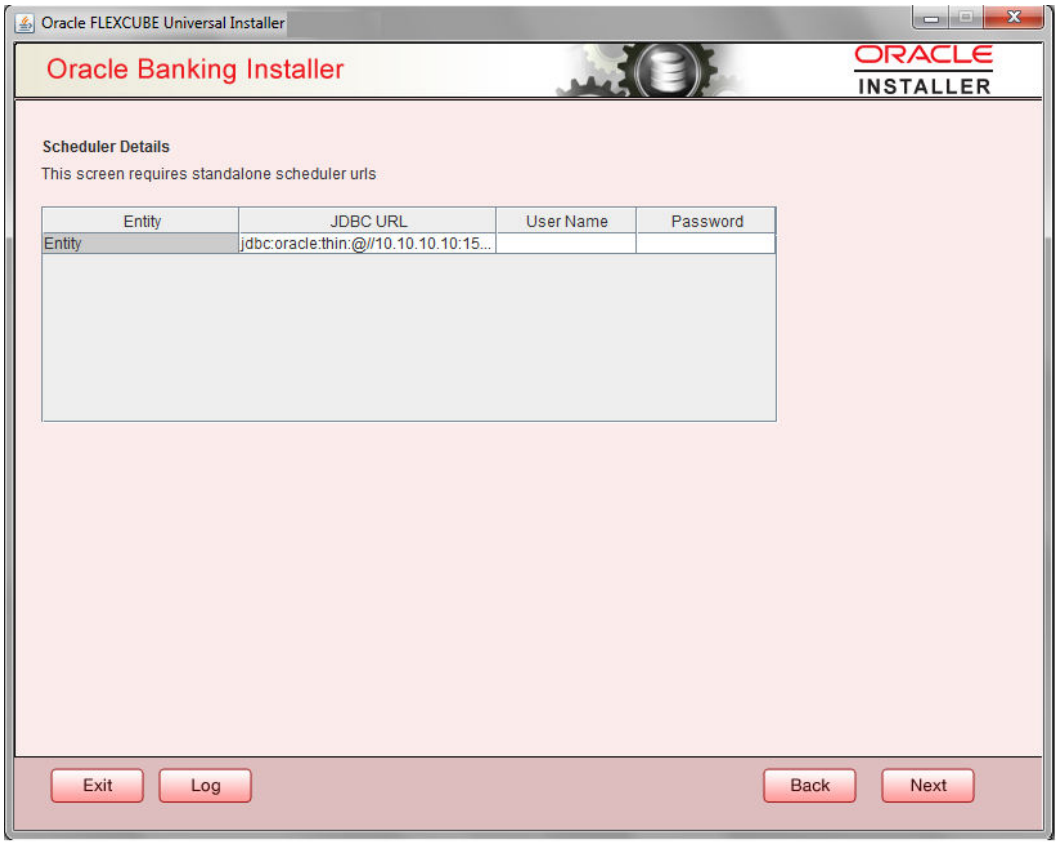
Maximum Pool Size

The system displays the maximum number of connections that can be used.

Minimum Pool Size

This parameter indicates the minimum number of connections to be used. If the total count of the number of available connections and the number of connections in use is less than the minimum pool size specified here, then the connection is returned to the pool.

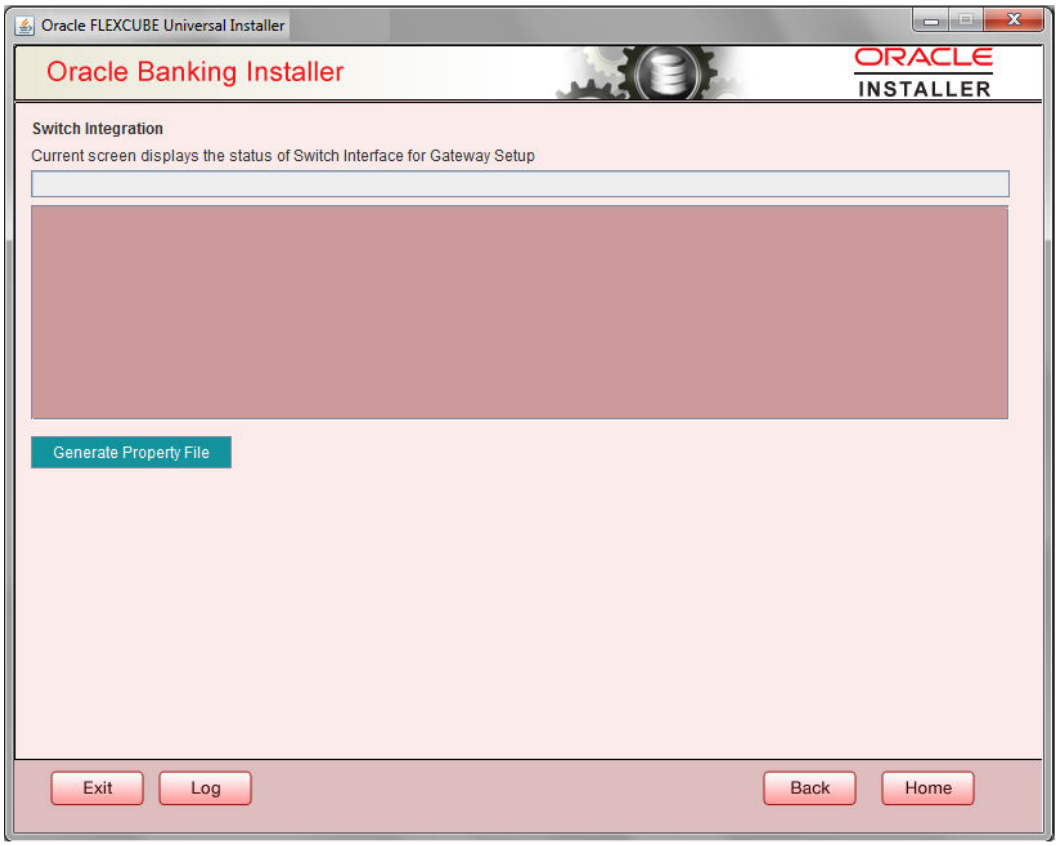
27. Specify the JDBC details of the scheduler.



If the target database is Autonomous Database then **JDBC_URL** should enter with the following format:

jdbc:oracle:thin:@<Database Service Connect string>

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



29. Click ‘Generate Property File’ to start building the process.



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