

# Oracle FLEXCUBE Direct Banking

Installer Mobile Enabler User Guide

Release 12.0.3.0.0

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# Preface

## 1.1 Intended Audience

This document is primarily targeted at

- Oracle FLEXCUBE Direct Banking Development Teams
- Oracle FLEXCUBE Direct Banking Implementation Teams
- Oracle FLEXCUBE Direct Banking Implementation Partners

## 1.2 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>.

## 1.3 Access to OFSS Support

<https://support.us.oracle.com>

## 1.4 Structure

- This manual is organized into the following categories:
- Preface gives information on the intended audience. It also describes the overall structure of the User Manual

## 1.5 Related Information Sources

- For more information on Oracle FLEXCUBE Direct Banking Release 12.0.3.0.0, refer to the following documents:

Oracle FLEXCUBE Direct Banking Licensing Guide

## 2. Overview

This document discusses the usage steps and basic inputs required for FCDB Installer execution.

Successful execution of all the steps provided in the FCDB Installer along with the complete steps provided in the supporting documentation installs or upgrades the FCDB product to the appropriate version intended.

This document discussed following topics

### Chapter 3, "Pre-requisites"

This chapter discusses the necessary installations/requirements prior to execution of Oracle FCDB Installer.

### Chapter 4, "FCDB Installer overview"

This chapter discusses the tasks and capabilities of the Oracle FLEXCUBE Direct Banking Installer in brief.

### Chapter 5, "FCDB Installer execution steps"

This chapter discusses the execution of Oracle FLEXCUBE Direct Banking Installer and the detailed step-by-step installation guide.

### Chapter 6, "Conclusion and Next Steps"

This chapter discusses the result of Oracle FLEXCUBE Direct Banking Installer and the activities which are required post installation using Oracle FLEXCUBE Direct Banking Installer.

- **Abbreviations**

The abbreviations used by the document are as follows:

FCDB	Oracle FLEXCUBE Direct Banking
CD	FCDB Installer deliverable
FCDB BASE DIR	FCDB Base Working Directory

### 3. Pre-requisites

1. Oracle database instance for FCDB primary database is present and setup. This will be required in cases where complete setup is required with Dayzero DB setup. Adequate Db login credentials (as well as additional DB details in case of complete setup) are present.
2. Java is installed and JAVA\_HOME is set adequately.
3. Adequate administrative rights for Application product installation directory creation, modification and deletion need to be present for the FCDB Installer user before execution of installation.
4. The installer assumes that the application server is installed on the system intended to be used, with adequate rights for deployment and management.
5. Following information should be ready in hand before starting the installation.

Data required during Installation	Description
Database Server hostname/IP address	This should be the hostname/IP of the database server on which FCDB schema will reside.
Database Server listener port	listener for above Database server
Database Service Name	Database service name to be used.
DBA Schema Login UserID and Password	A DB user to be used to create FCDB DB users and objects. The DB user should preferably have DBA role.
Database Table Space location on DB Server	Location on database Server where datafiles of the FCDB tablespaces will be created.
Application Server hostname/IP address	Hostname/IP of the Application server which will host FCDB applications.
Application Server Bootstrap Port	Bootstrap port of above application server. Please refer Server documentation for details on the same.

## 4. FCDB Installer Overview

Oracle FLEXCUBE Direct Banking Installer is Java based software which is used to perform complete or partial setup for Oracle FLEXCUBE Direct Banking products. The installer consists of product archive and configuration files and is shipped to the client as a single deliverable CD.

Oracle FLEXCUBE Direct Banking Installer is OS independent software which can be executed on Windows as well as UNIX based environments.

On invocation, the installer performs the tasks based on the build configurations provided as encrypted property files. Some activities and features performed by the toolkit are explained here. More details about each task are explained in detail in following sections.

### *a. Verification of the shipped archive :*

This task verifies whether the delivered archive is tampered and audits the same. In case of any mismatch found the toolkit abort itself and logs the details.

### *b. Auto backup :*

Before initiation of installer activities, a complete backup of the existing setup is performed and placed in backup location relative to application home. Review the location matrix at the end of this document for the location details of the new as well as backed up sources.

### *c. Application setup :*

- a. This task copies deliverable application folders to location relative to the application home. During complete setup all the application folders (including documents and javadocs) is copied to root relative locations. In case of patch setup the related folders is applied depending on build configuration. These involve XSL updates, Source updates etc.
2. Property files update is performed based on build configuration. The properties key-values to be updated is taken as input from the toolkit user, as explained in later chapters.

### *d. DB setup :*

In case of complete setup with DB Install option selected this activity performs the creation of application DB users, application related database entities. Please refer “FLEXCUBE Direct Banking Database Setup” for additional information on DB activity details, steps for performing this activity manually and actions required post this activity.

### *e. Auditing and logging action:*

All the user entries as well toolkit activities are logged on screen as well as user defined log location. The verification screen allows the user to verify the inputs post which the progress of the installer is displayed to end user appropriately.

## 5. FCDB Installer execution steps

This chapter provides detailed information about the installer workflow and the result entities created in the process. User needs to follow the step by step details to successfully install the delivered FCDB setup.

1. Copy the installation content from the deliverable (CD) to a temporary installation location on the server where FCDB product is required to be deployed. This location can be purged after successful execution of the installation.(This process can be skipped if the executable batch files are executed from the CD.)
2. The Installer provides two GUI modes of execution based on invocation parameters. Both the execution modes are identical in their requirements and result output.

### a. Command input mode :

Command input mode accepts the input on system command prompt. This mode can be used in cases where graphic GUI cannot be invoked. In order to run the executable Please go to the directory where the executable resides and then invoke it.

- To invoke this mode execute the install batch with following parameter.

OS	Command query
Windows	<Installer CD>/install.bat c
Unix	sh install.sh c

This option invokes the installer in command prompt. All inputs are sequentially asked by command line prompts. This mode ignores the dayzero DB setup, if present.

- If dayzero Db setup is required, then to invoke this mode execute the installMEwithDB batch with following parameter.

OS	Command query
Windows	<Installer CD>/installMEwithDB.bat MEC
Unix	sh installMEwithDB.sh MEC

This option invokes the installer in command prompt. All inputs are sequentially asked by command line prompts. The input asked mainly is the path where log files would be generated.

Note: In case of FCDB application installation and setup on horizontal cluster using FCDB Installer where manual synchronization is required on cloned file systems (i.e. ), use DB Dayzero setup option only for one of the cluster members.

Please refer section '[Steps to follow in command mode](#)' to run the installer in Command input mode.

#### *b. Swing input mode*

Swing input mode is an interactive installer interface used for installation of FCDB. In order to run the executable Please go to the directory where the executable resides and then invoke it.

- To invoke this mode run the install batch without any additional parameters.

OS	Command query
Windows	<Installer CD>/install.bat
Unix	sh install.sh

This option invokes a java based interactive swing user interface. This option ignores the dayzero DB setup, if present.

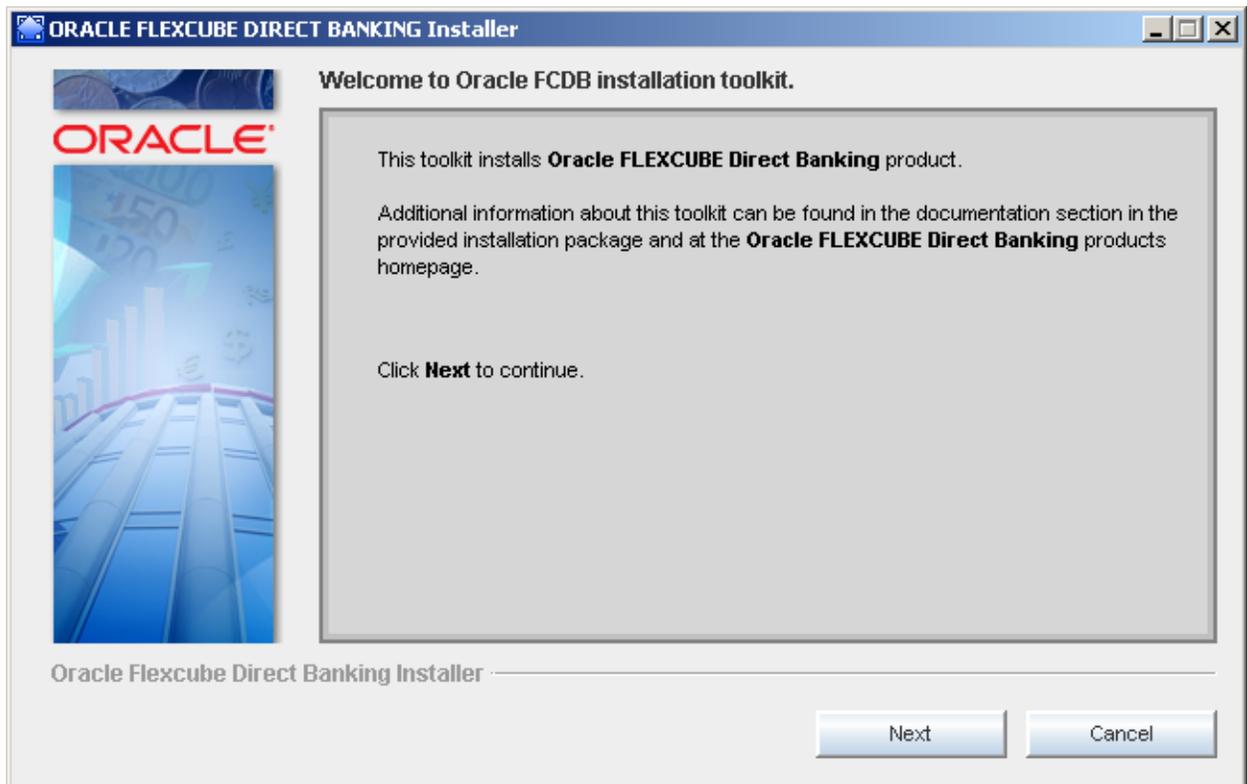
- If dayzero Db setup is required, then to invoke this mode run the installwithDB batch without any additional parameters. This option invokes a java based interactive user interface.

OS	Command query
Windows	<Installer CD>/installMEwithDB.bat ME
Unix	sh installMEwithDB.sh ME

Identical information is collected is for both the modes (command mode/ swing mode) and is further used for installation and managing configurations.

**NOTE:** In case where DB Installation step is skipped it is assumed that the DB installation is done completely along with FCDB Database users created. Although DB installation can be performed at a later stage manually (refer: "Oracle FLEXCUBE Direct Banking Database Setup") the DB login details (Database Administrator User Credentials etc.) should be present at the time of FCDB installer execution.

3. On internal verification of the required components being present, the following screen welcome screen is displayed to the user. Click Next to continue. In case of welcome screen not able to display, please refer the log location for error messages.

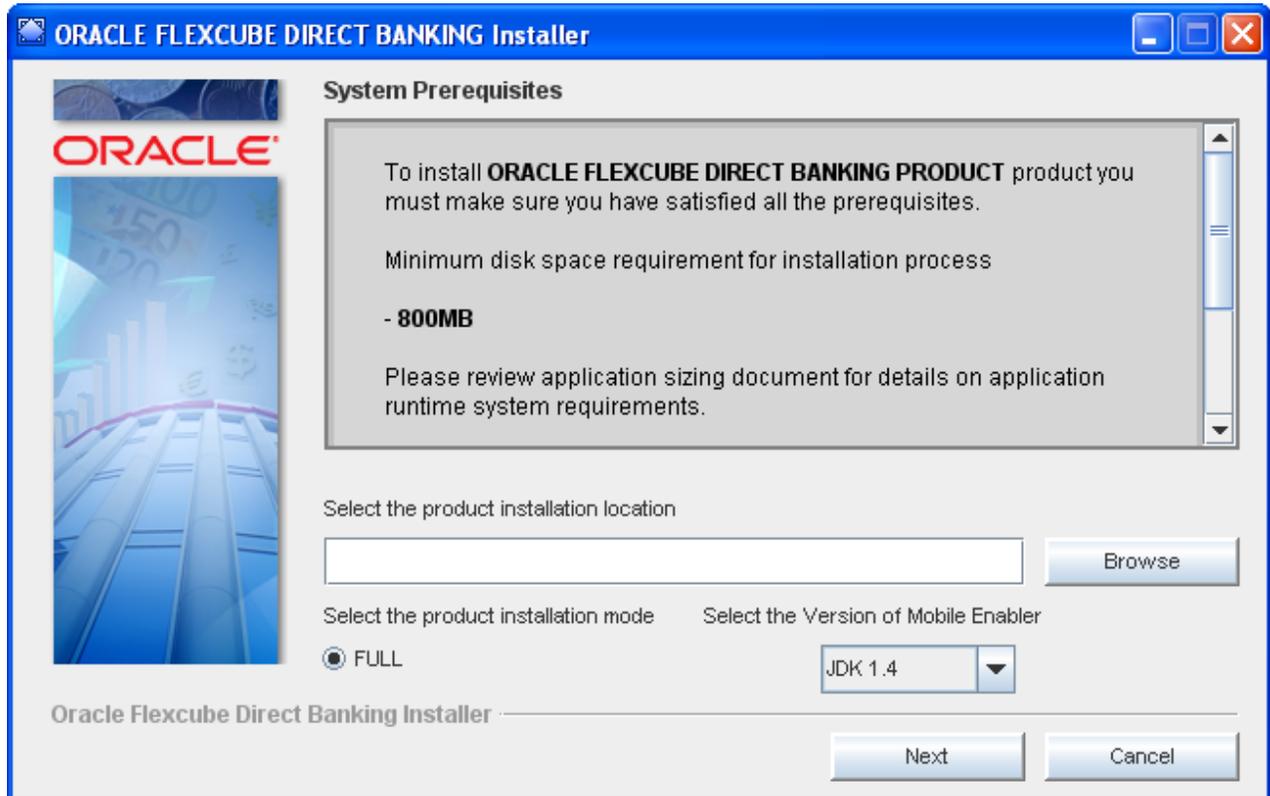


4. On Next, Oracle Copyrights screen is displayed



Read Oracle Copyrights. Click Next to proceed.

5. On Next, System Prerequisite screen is displayed



Enter the Product Installation location. The product installation location is specific to the operation system. (E.g. - \usr\FCDB – UNIX systems)

This location is used by the installer for all the installation related activities including backup. This location is treated as “application home” by the application servers. (Refer application server installation document for additional details)

The installation location is created on the given location if not already present. Adequate administrative rights for directory creation, modification and deletion need to be present for the installation user before execution of installation.

Select the Product Installation mode Full and corresponding Select JDK version of Mobile Enabler.

a) **JDK 1.5**

b) **JDK 1.6**

On next, Language Selection Screen is displayed.

Here the user can select the language in which the FCDB application will be installed. There are currently four languages supported.

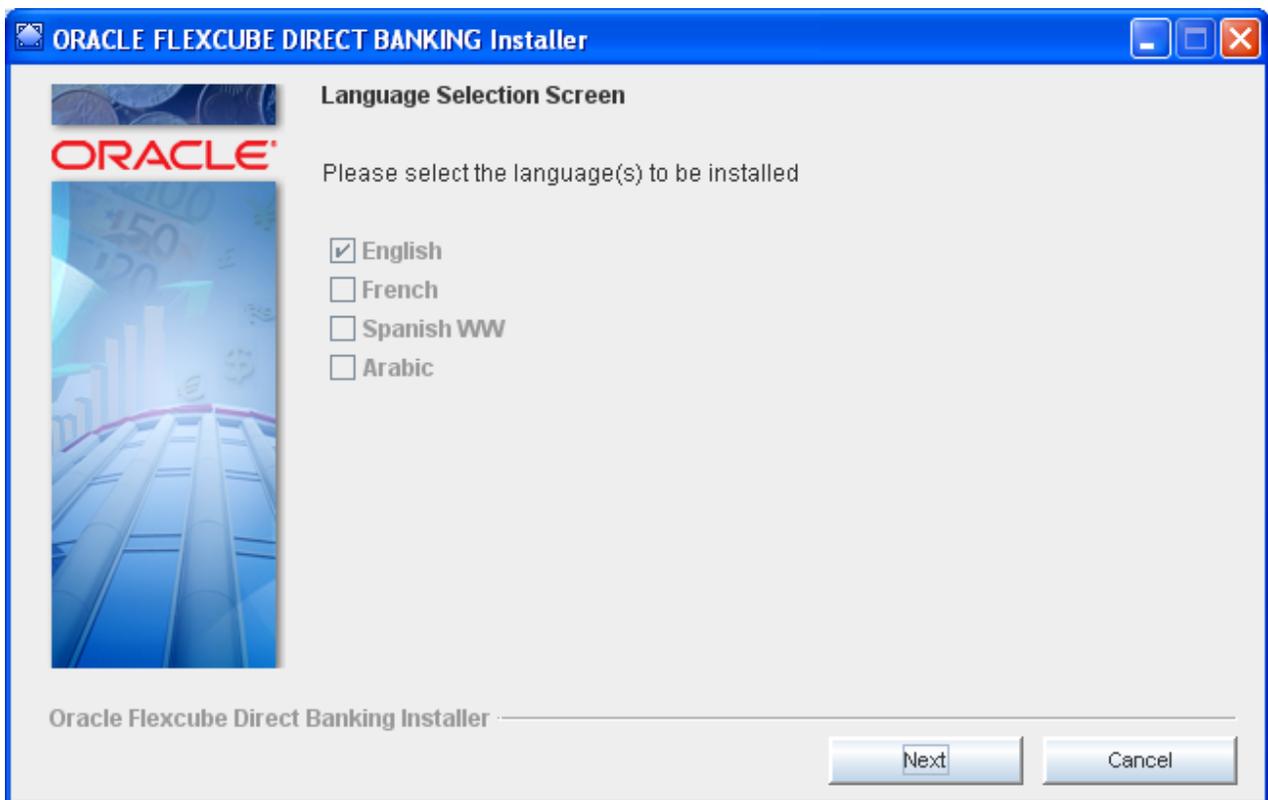
**a) English(default)**

**b) French**

**c) Spanish(WW)**

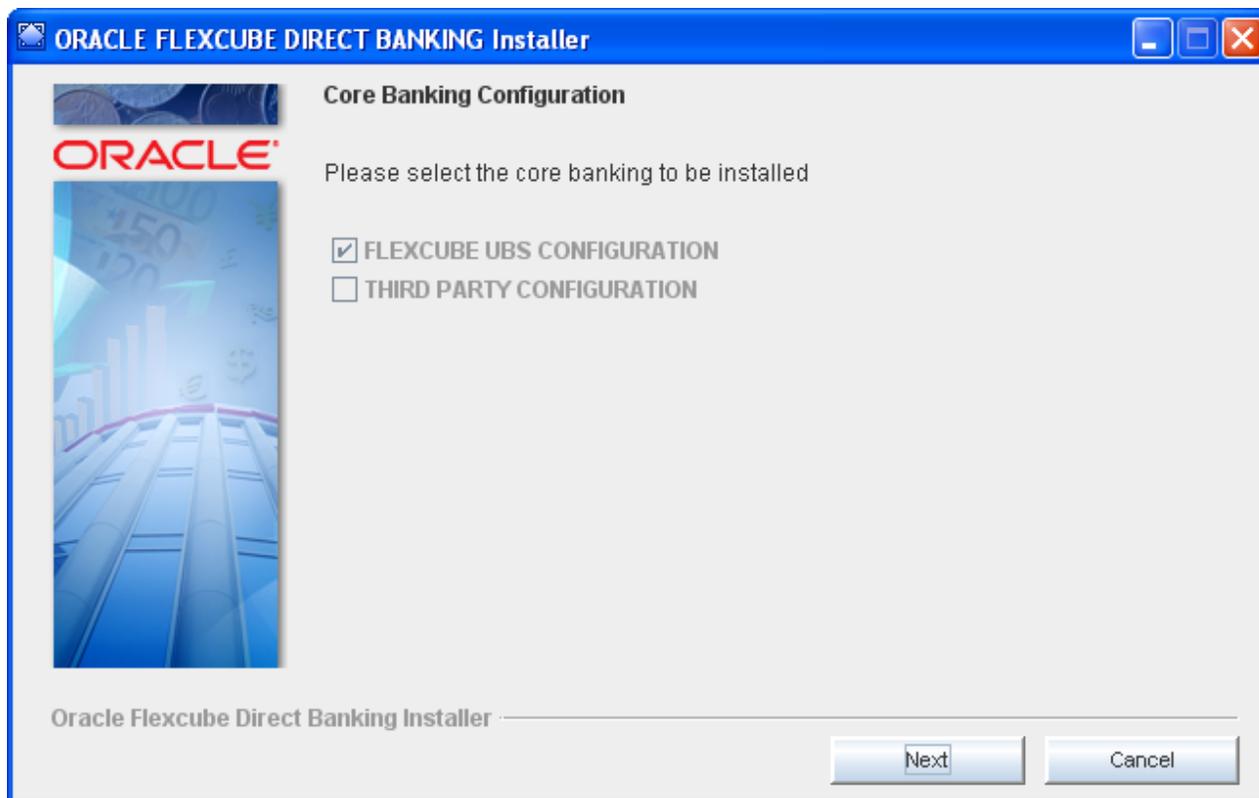
**d) Arabic**

proceed with the next screen.



6. On next, Core Banking Configuration Screen is displayed.

This screen has two options: *Flexcube UBS Configuration* and the *Third Party Configuration*.



Proceed with the next.

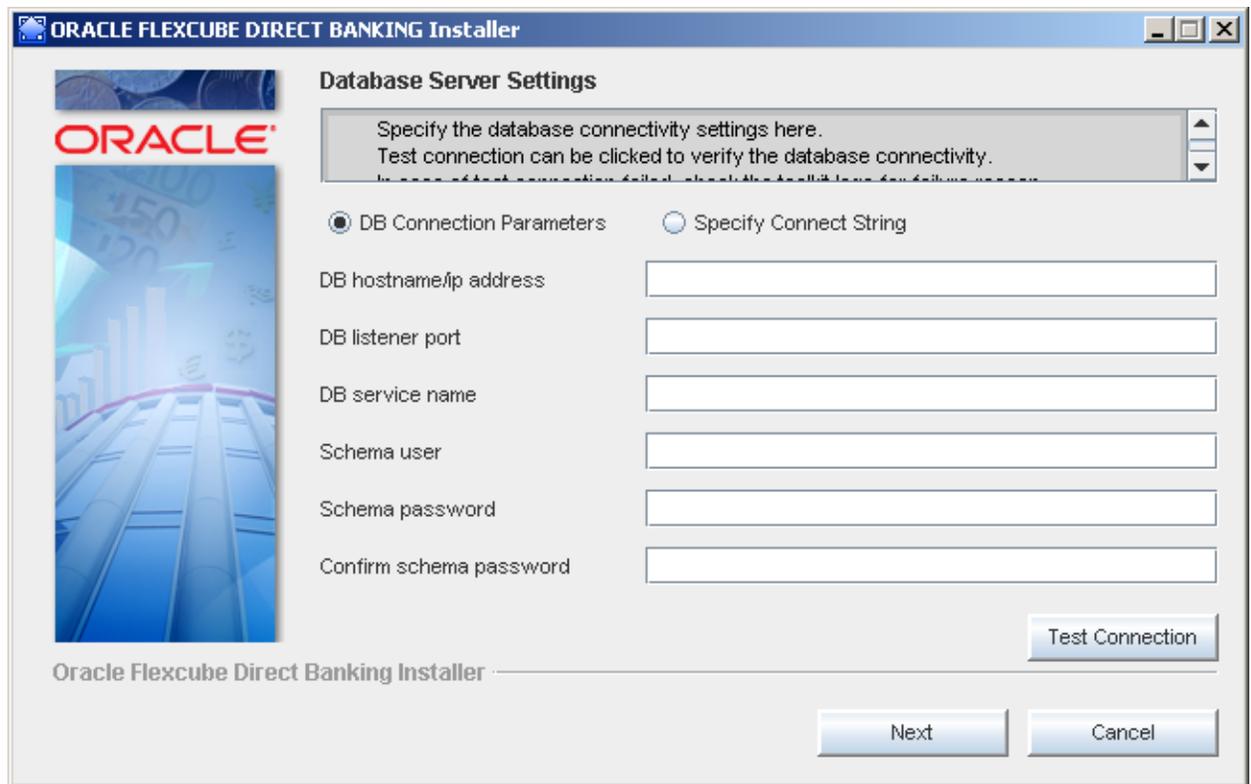
7. On next, Database Server settings screen is displayed.

This screen takes details of the primary FCDB database as input. (This screen is only displayed in case the deliverable contains database related changes or properties related changes. If this screen does not appear, proceed to the next screen information.)

These properties are used to execute dayzero Db setup and/or application properties update as per user option selected (for DB setup).

DB details can be provided using in one of the two ways:

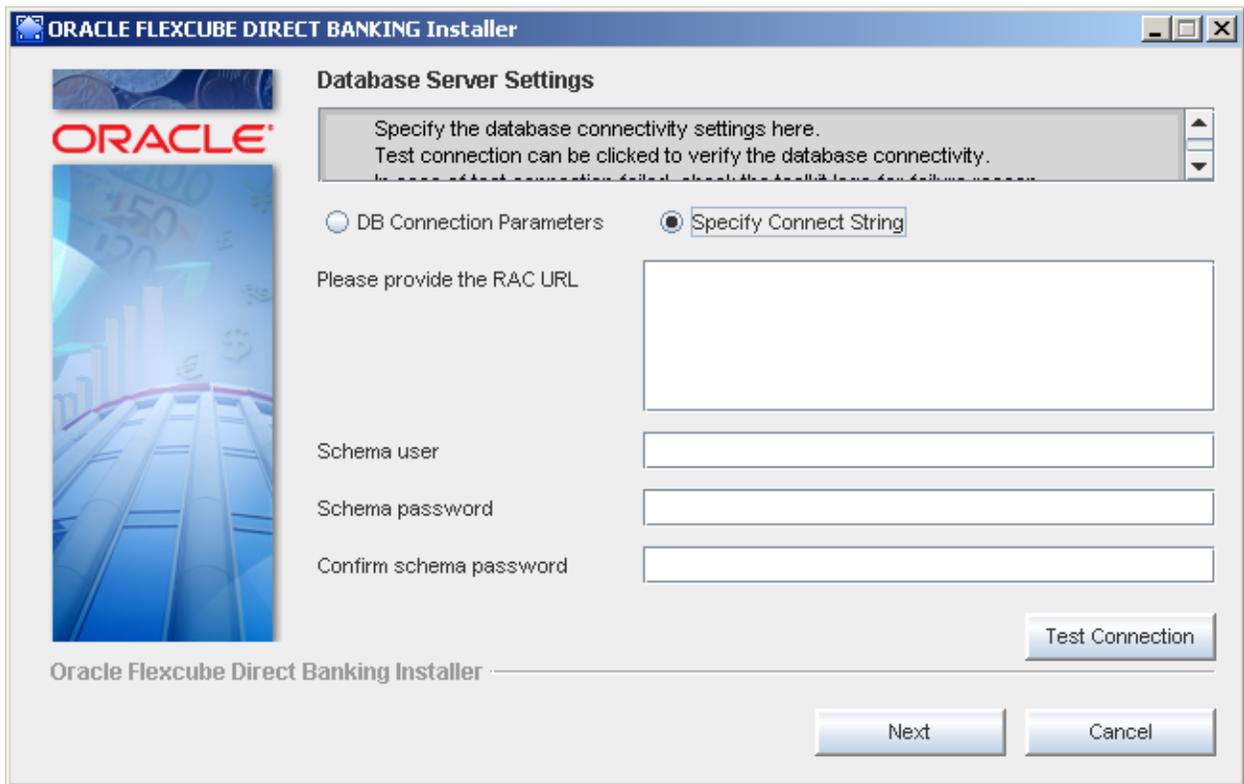
- a) *DB Connection Parameters*: Selecting this option enables the fields to provide DB details. Fields accepting DB details like hostname, port, and service are enabled.



b) *Specify Connect String:* This option allows user to provide DB details as a connect string.

*Sample Connect String*

```
(  
    DESCRIPTION=  
        (LOAD_BALANCE=on)  
        (ADDRESS=(PROTOCOL=TCP) (HOST=hostname1.com) (PORT=1521))  
        (ADDRESS=(PROTOCOL=TCP) (HOST=hostname1.com) (PORT=1521))  
        (ADDRESS=(PROTOCOL=TCP) (HOST=hostname1.com) (PORT=1521))  
        (ADDRESS=(PROTOCOL=TCP) (HOST=hostname1.com) (PORT=1521))  
        (CONNECT_DATA=(SERVICE_NAME=service1))  
)
```



After populating all the fields, click on 'Test Connection' button to verify the connectivity with the given parameters. (This verification step is non-mandatory and can be skipped in cases where DB is not already created). The success message denotes correct DB properties. If connectivity fails due to unknown reasons, check the logs created at the default toolkit log location.

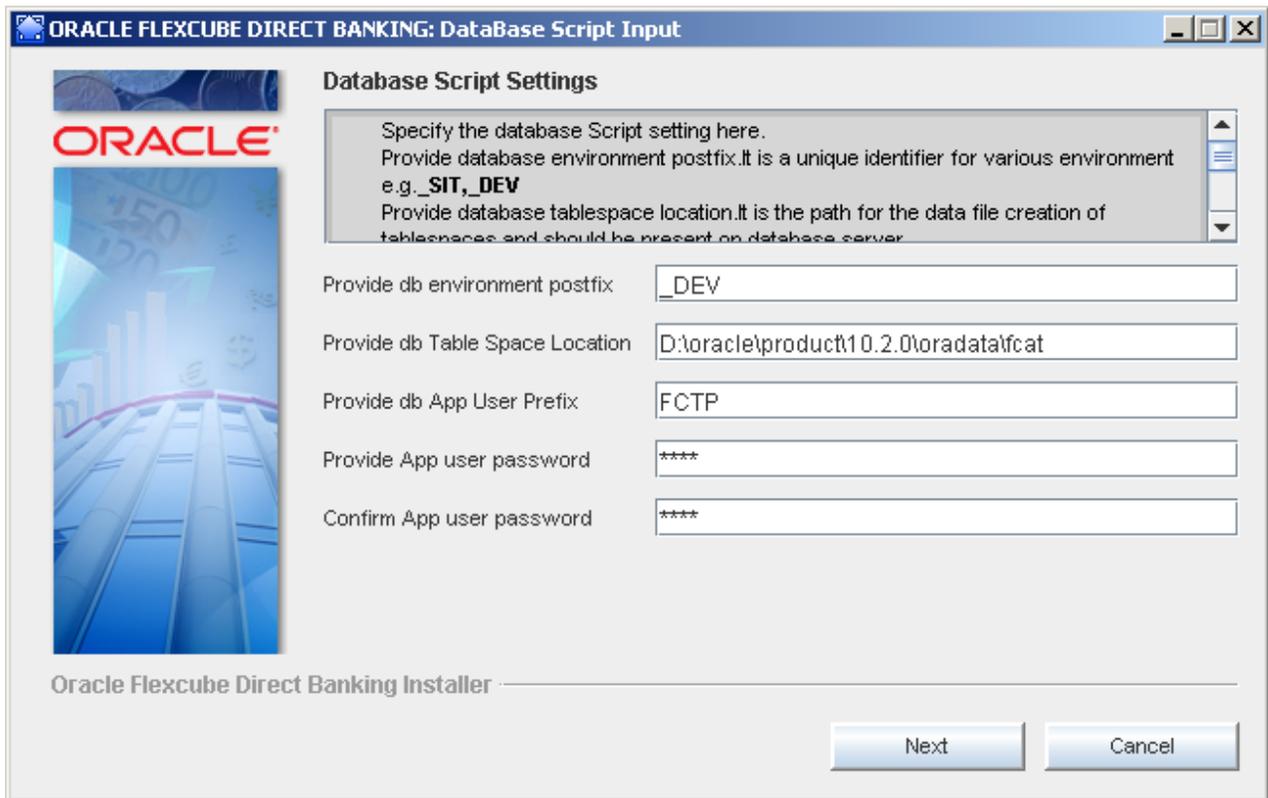
The required inputs are explained as follows.

<b>Input field</b>	<b>Description</b>	<b>Example</b>
DB hostname/IP address	Enter the target database hostname or IP address	10.180.23.160
DB listener port	Enter the target database listeners port	1540
DB service name	Enter the database service name	FCAT
Schema user	In case of Full DB setup with db install option, this user is the DBA user needed to create all the db entities. In other cases this is the application admin DB user created by day zero scripts.	FCDBAPP_TEMP
Schema password	Enter the appropriate password for above mentioned user	FCDBAPP
Confirm schema password	This entry should exactly match the above entered password entry	FCDBAPP

Click next to continue.

Please refer "Oracle FLEXCUBE Direct Banking Database Setup" for additional information on full dayzero DB setup details, steps for performing this activity manually and actions required after DB setup (activation of user etc).

8. On next, 'Database Script Settings' Screen is displayed.



This screen takes input for FCDB database creation. (This screen is only displayed when full database setup is selected. If this screen does not appear, proceed to the next screen information.)

The details entered on the screen are used to create DB entities.

1. DB user are created by appending fixed keywords to prefixes entered above,

DB Users are created with said convention with entered password.

<appuser\_ prefix>**ADMIN**<env\_postfix> [e.g. - FCTPADMIN\_DEV]

<appuser\_ prefix>**APP**<env\_postfix> [e.g. - FCTPAPP\_DEV]

**NOTE:** Refer "Oracle FLEXCUBE Direct Banking Database Setup" for details and naming conventions of other created DB entities and required DB actions post setup.

2. This app user has to be unlocked as it has to be used in 2 places in later stage – 1. While creating JDBC data source (weblogic.pdf) and 2. Before we reset superadmin password using the utilities. To unlock the password, please follow the below mentioned step:--

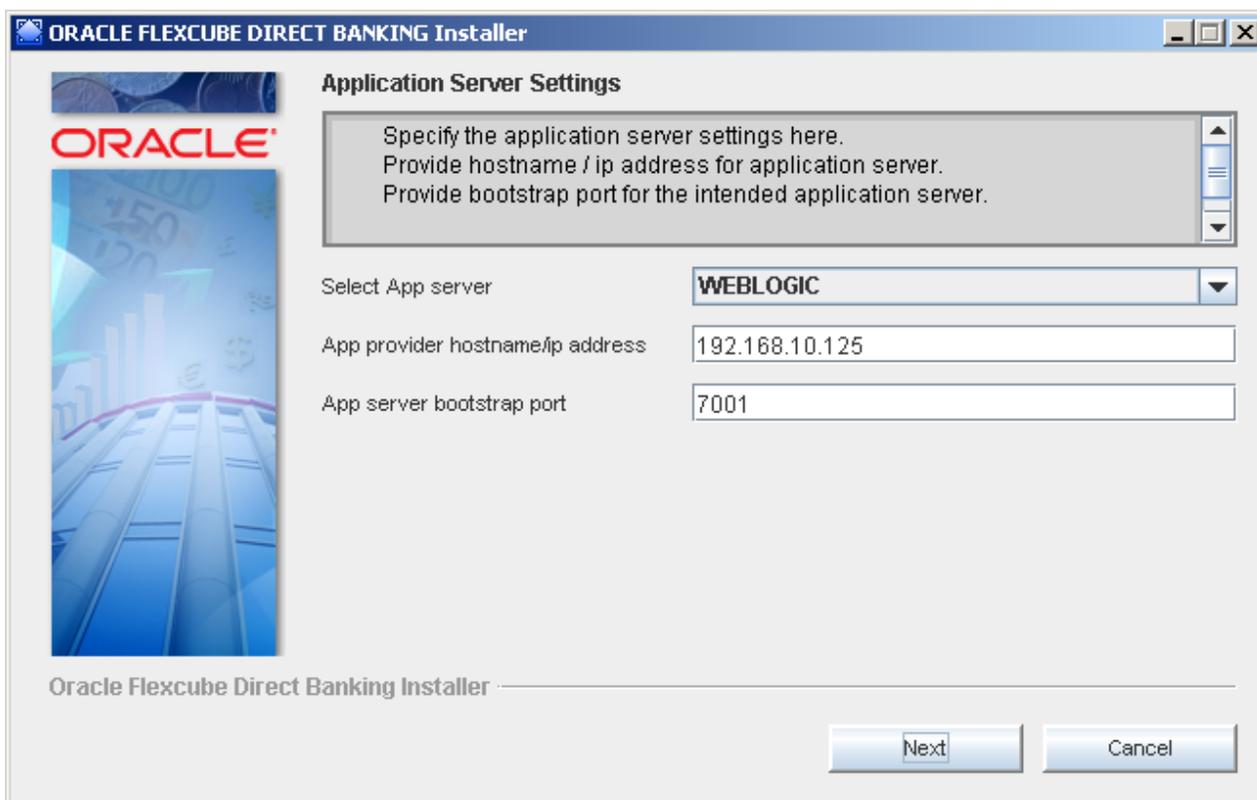
The required inputs are explained as follows.

Input field	Description	Example
Provide db environment postfix	Property to distinguish between the various environments like SIT, UAT etc. The provided identifiers are appended when creating Db entities. If not entered no value is appended to the DB entities.	_DEV, _SIT
Provide db table space location	Enter the path for the data file creation of tablespaces. This folder structure refers to the local folder structure present on database server.	1)d:/oracle/product/10.2.0/oradata/fcat 2)d:\\oracle\\product\\10.2.0\\oradata\\fcat 3) d:\oracle\product\10.2.0\oradata\fcat
Provide user prefix	The prefix for FCDB Admin/App user to be created.	FCTP
provide user password	Password to be entered for above user.	FCTP
Confirm user password	Confirm password to be entered for above user.	FCTP

Please refer “Oracle FLEXCUBE Direct Banking Database Setup” for additional information on full dayzero DB setup details, performing this activity manually and actions required post this activity.

**NOTE:** *User Password* is same for both the user: ADMIN and APP user. Please change the password for ADMIN user if required.

9. On next, 'Application Server Settings' screen is displayed.

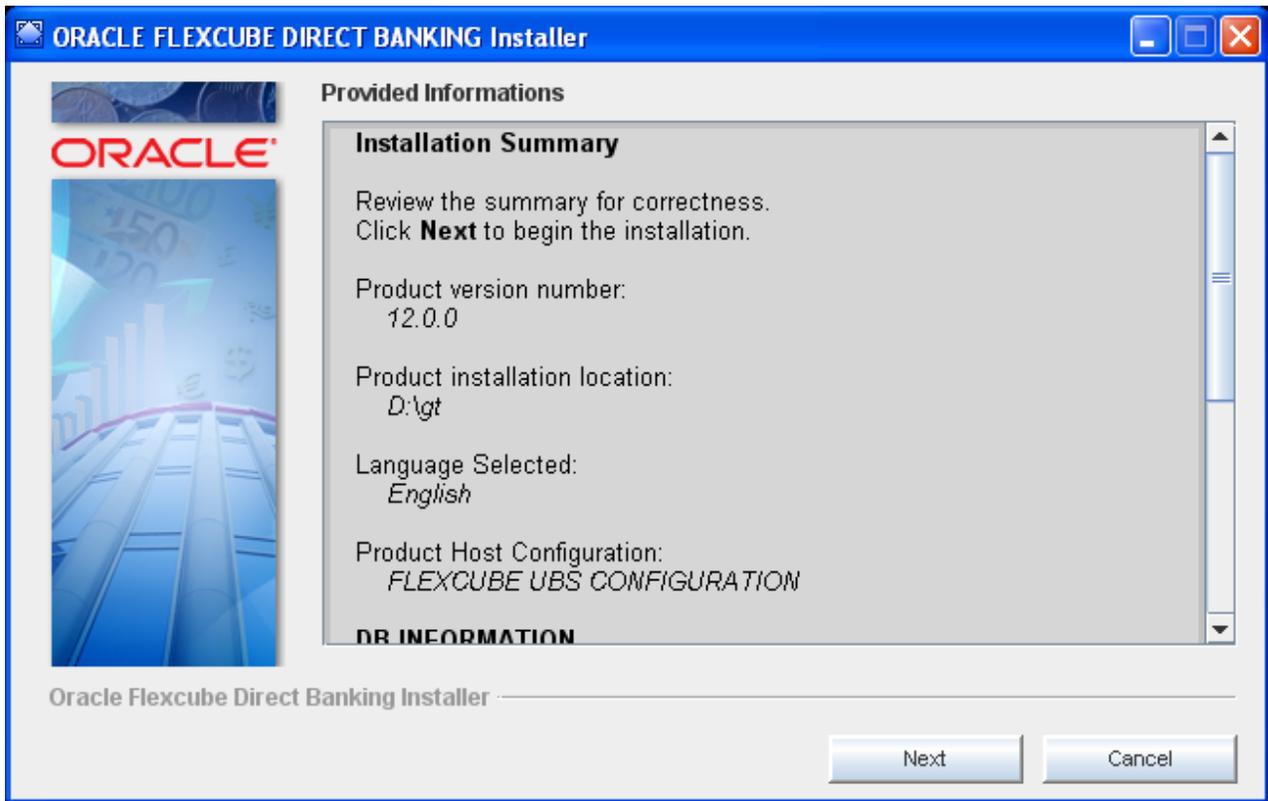


This screen takes inputs for the FCDB application server details. (This screen is only displayed in case the deliverable contains application server related changes or properties related changes. If this screen does not appear, proceed to the next screen information.)

List of supported servers appears as a dropdown on the screen. Provide appropriate details as provided in Application server console.

Click next to continue.

10. On next, Verification screen is displayed.

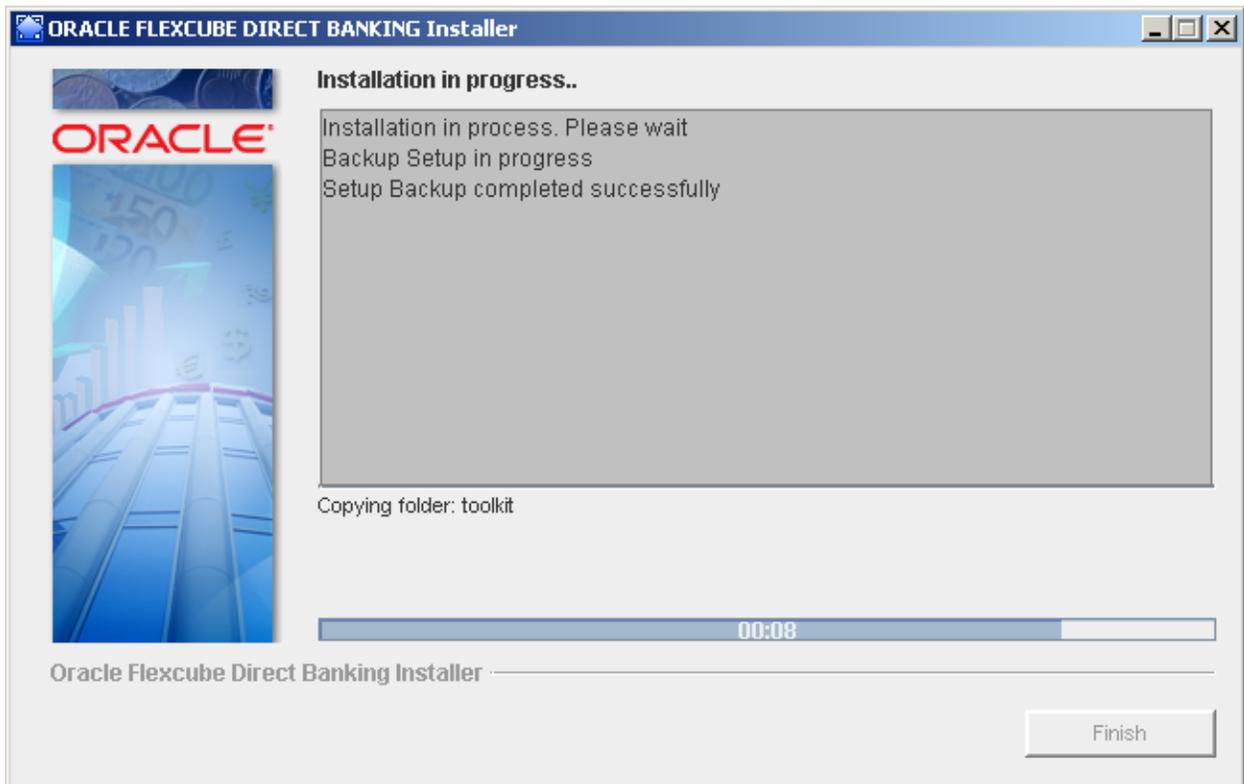


This screen allows user to verify all the details that have been input on this screen. This screen also displays details about the deliverable version and installation location.

Post complete confirmation. Click next to proceed with the installation. In case of incorrect entries click cancel to abort the setup and exit the installer.

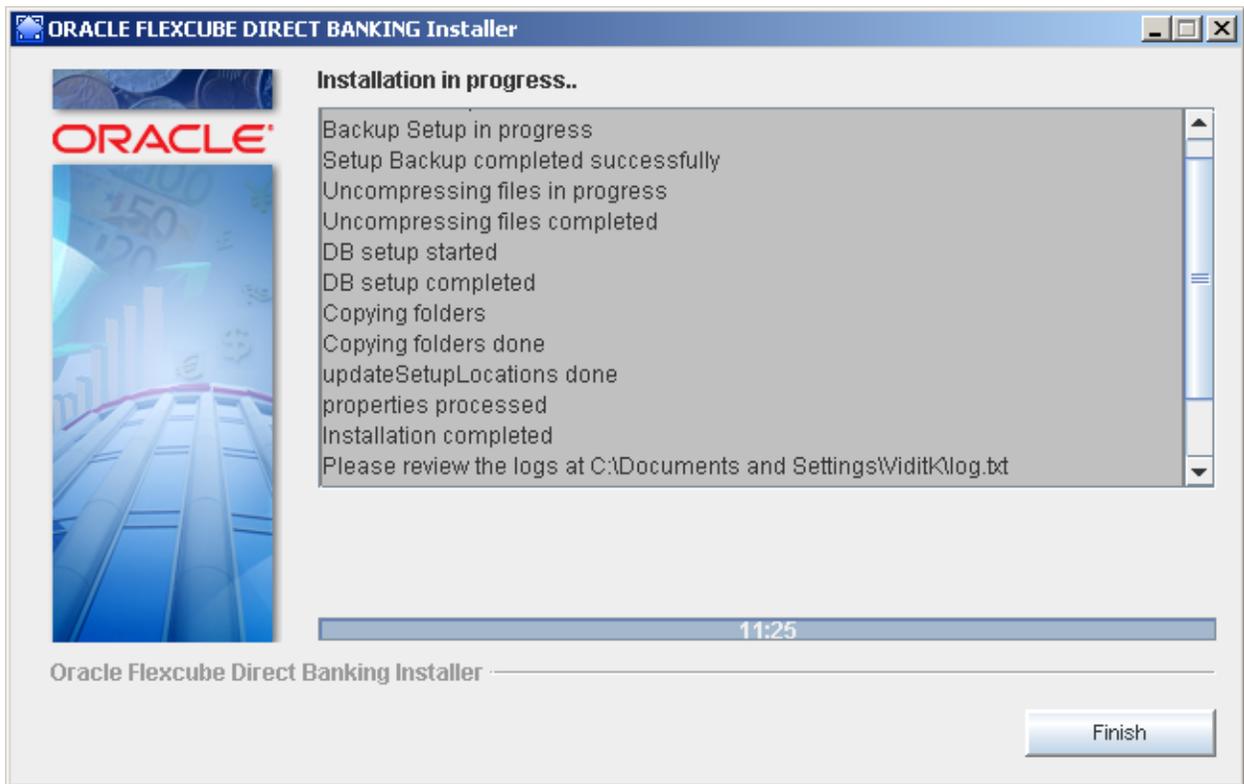
**NOTE:** The FCDB Installer needs to be aborted with Cancel button and restarted in case of any detail missing or incorrect.

11. On next, the Installation progress screen is displayed.



This screen displays the activities performed by the installer and the time elapsed for the same. This screen also logs all the activities and errors.

On complete successful installation, the Finish button is displayed along with the location details of the log files logged.



Click Finish to complete the installation steps and close the installer.

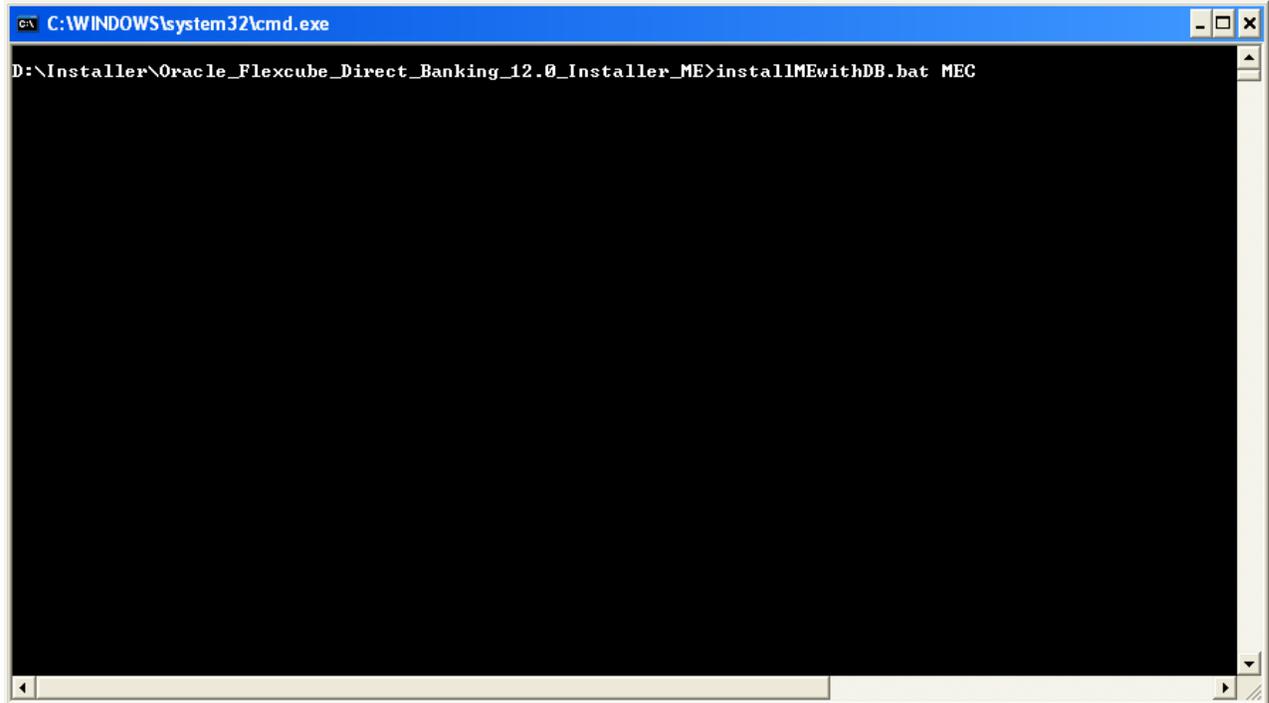
Log location is displayed as a part of the progress screen, at the completion of installation. Please review the logs to check for any exceptions logged and preserve this file for any further error resolution if required.

## 6. Steps to follow in command mode

1. Open command prompt and execute following commands and enter.

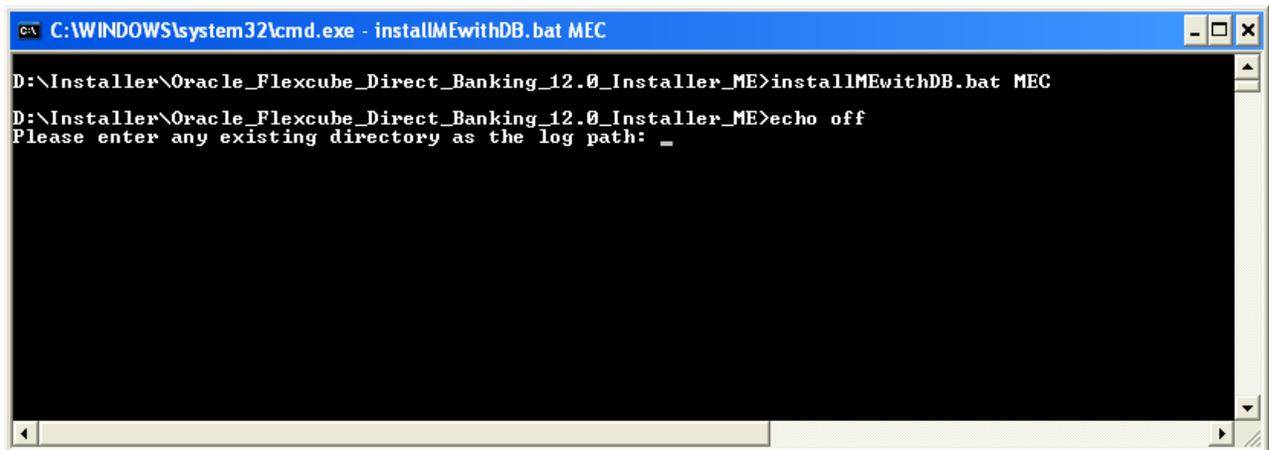
For windows : <Installer CD>/installMEwithDB.bat MEC

For Linux : <Installer CD>/installMEwithDB.sh MEC



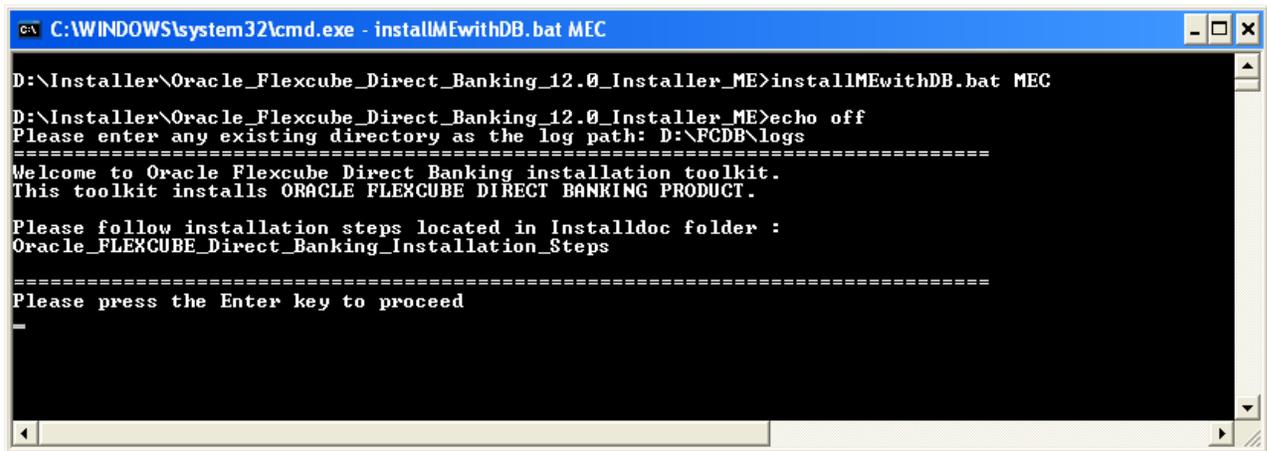
```
C:\WINDOWS\system32\cmd.exe
D:\Installer\Oracle_Flexcube_Direct_Banking_12.0_Installer_ME>installMEwithDB.bat MEC
```

2. Enter any existing directory path to store logs and enter.



```
C:\WINDOWS\system32\cmd.exe - installMEwithDB.bat MEC
D:\Installer\Oracle_Flexcube_Direct_Banking_12.0_Installer_ME>installMEwithDB.bat MEC
D:\Installer\Oracle_Flexcube_Direct_Banking_12.0_Installer_ME>echo off
Please enter any existing directory as the log path: _
```

3. Welcome message will appear, Press Enter to proceed.

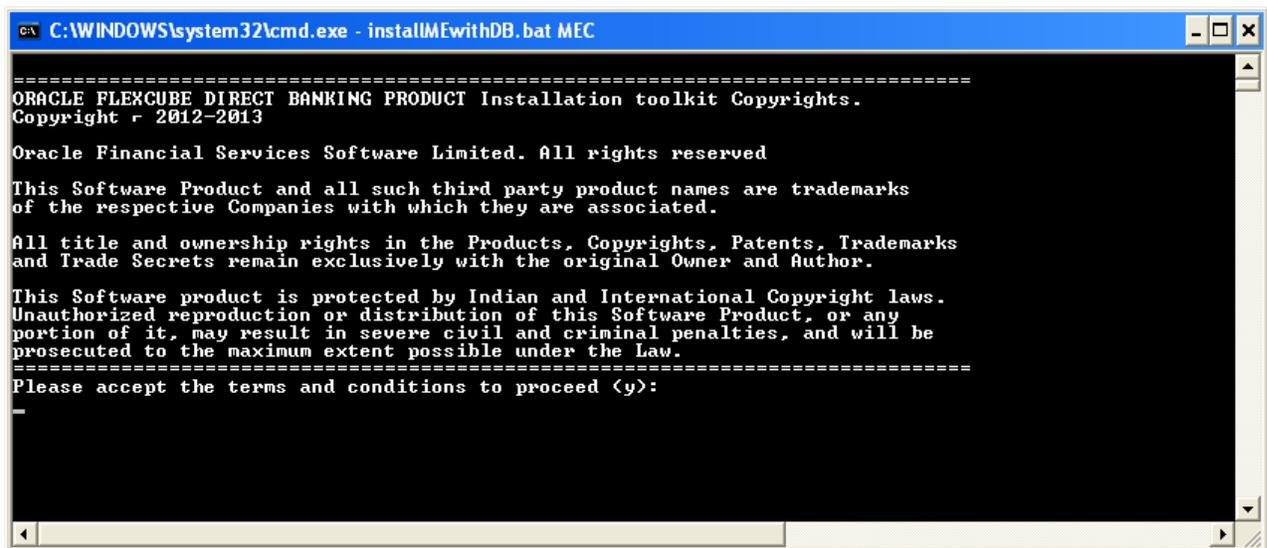


```
C:\WINDOWS\system32\cmd.exe - installMEwithDB.bat MEC
D:\Installer\Oracle_Flexcube_Direct_Banking_12.0_Installer_ME>installMEwithDB.bat MEC
D:\Installer\Oracle_Flexcube_Direct_Banking_12.0_Installer_ME>echo off
Please enter any existing directory as the log path: D:\FCDB\logs
=====
Welcome to Oracle Flexcube Direct Banking installation toolkit.
This toolkit installs ORACLE FLEXCUBE DIRECT BANKING PRODUCT.

Please follow installation steps located in Installdoc folder :
Oracle_FLEXCUBE_Direct_Banking_Installation_Steps

=====
Please press the Enter key to proceed
-
```

4. Terms and Conditions will be displayed. To proceed press <Y> and <Enter>.



```
C:\WINDOWS\system32\cmd.exe - installMEwithDB.bat MEC
=====
ORACLE FLEXCUBE DIRECT BANKING PRODUCT Installation toolkit Copyrights.
Copyright © 2012-2013

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This Software product is protected by Indian and International Copyright laws.
Unauthorized reproduction or distribution of this Software Product, or any
portion of it, may result in severe civil and criminal penalties, and will be
prosecuted to the maximum extent possible under the Law.
=====
Please accept the terms and conditions to proceed <y>:
-
```

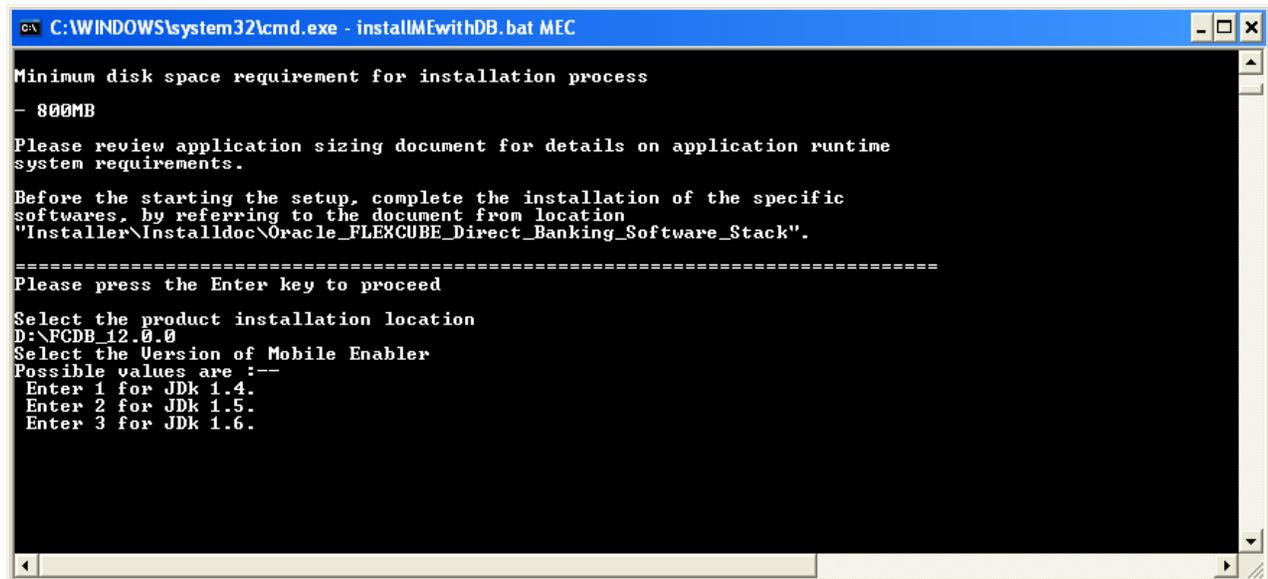
5. Information regarding space requirements will be displayed. Press <Enter> to continue.

```
Command Prompt - installMEwithDB.bat c
Unauthorized reproduction or distribution of this Software Product, or any
portion of it, may result in severe civil and criminal penalties, and will be
prosecuted to the maximum extent possible under the Law.
=====
Please accept the terms and conditions to proceed (y):
y
=====System prerequisites check=====
To install Oracle FLEXCUBE direct banking product you must make sure you have
satisfied all the prerequisites.
Minimum disk space requirement for installation process
- 800MB
Please review application sizing document for details on application runtime
system requirements.
Before the starting the setup, complete the installation of the specific
softwares, by referring to the document from location
"Installer\Installdoc\Oracle_FLEXCUBE_Direct_Banking_Software_Stack".
=====
Please press the Enter key to proceed
-
```

6. Enter the path of location where product is to be installed and press <Enter>.

```
Command Prompt - installMEwithDB.bat c
Unauthorized reproduction or distribution of this Software Product, or any
portion of it, may result in severe civil and criminal penalties, and will be
prosecuted to the maximum extent possible under the Law.
=====
Please accept the terms and conditions to proceed (y):
y
=====System prerequisites check=====
To install Oracle FLEXCUBE direct banking product you must make sure you have
satisfied all the prerequisites.
Minimum disk space requirement for installation process
- 800MB
Please review application sizing document for details on application runtime
system requirements.
Before the starting the setup, complete the installation of the specific
softwares, by referring to the document from location
"Installer\Installdoc\Oracle_FLEXCUBE_Direct_Banking_Software_Stack".
=====
Please press the Enter key to proceed
D:\FCDB_12.0.0
```

## 7. Select the Version of Mobile Enabler



```
C:\WINDOWS\system32\cmd.exe - installMEwithDB.bat MEC

Minimum disk space requirement for installation process
- 800MB

Please review application sizing document for details on application runtime
system requirements.

Before the starting the setup, complete the installation of the specific
softwares, by referring to the document from location
"Installer\Installdoc\Oracle_FLEXCUBE_Direct_Banking_Software_Stack".

=====
Please press the Enter key to proceed

Select the product installation location
D:\PCDB_12.0.0
Select the Version of Mobile Enabler
Possible values are :--
Enter 1 for JDK 1.4.
Enter 2 for JDK 1.5.
Enter 3 for JDK 1.6.
```

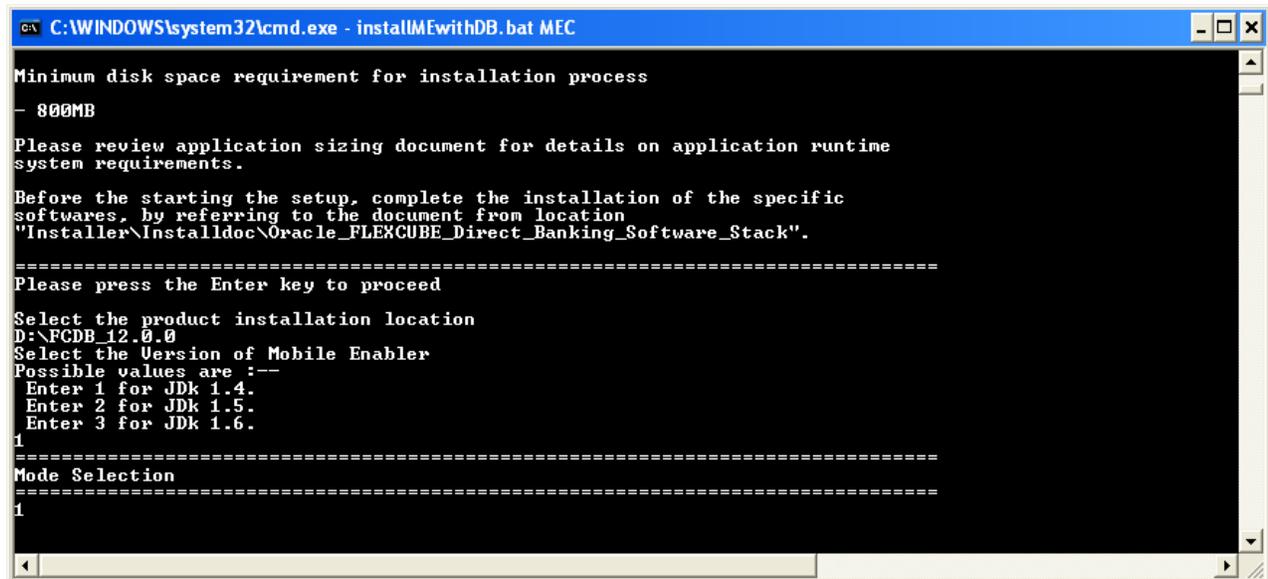
Possible values are :--

1. →Jdk 1.5.

2. →Jdk 1.6.

Press(input) → <Enter>

## 8. Select the Mode



```
C:\WINDOWS\system32\cmd.exe - installMEwithDB.bat MEC

Minimum disk space requirement for installation process
- 800MB

Please review application sizing document for details on application runtime
system requirements.

Before the starting the setup, complete the installation of the specific
softwares, by referring to the document from location
"Installer\Installdoc\Oracle_FLEXCUBE_Direct_Banking_Software_Stack".

=====
Please press the Enter key to proceed

Select the product installation location
D:\PCDB_12.0.0
Select the Version of Mobile Enabler
Possible values are :--
Enter 1 for JDK 1.4.
Enter 2 for JDK 1.5.
Enter 3 for JDK 1.6.
1
=====
Mode Selection
=====
1
```

1. FULL

→ Press '1' → <Enter>

9. Language Selection Screen will be displayed.

Press '1' → <Enter> → Press '.' → <Enter>

```
C:\WINDOWS\system32\cmd.exe - installMEwithDB.bat MEC

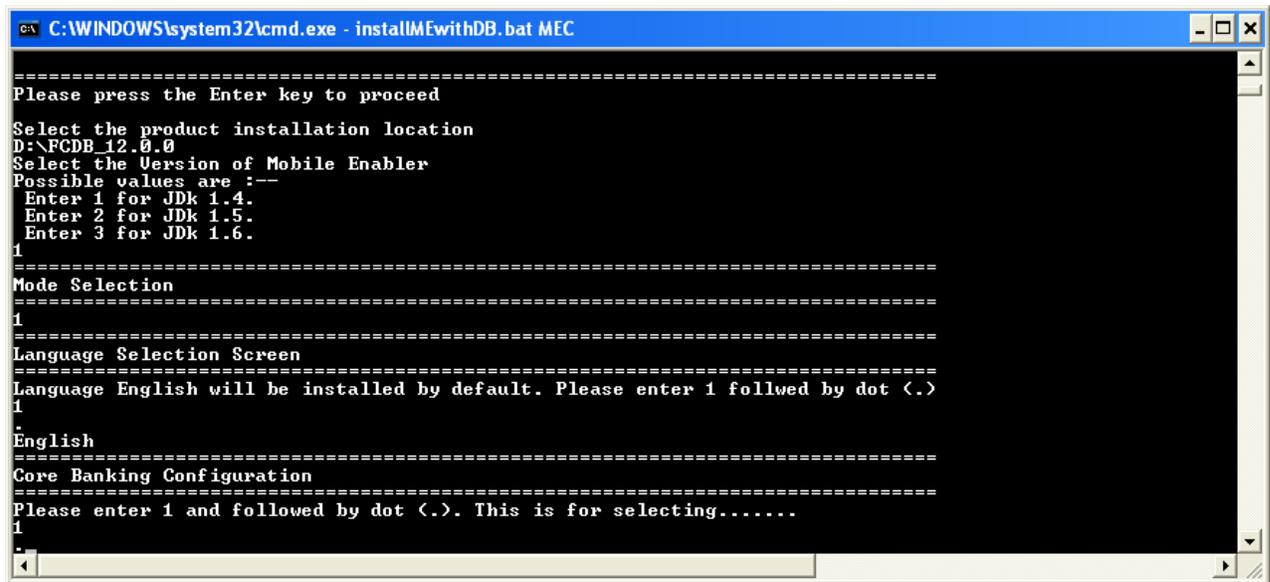
Please review application sizing document for details on application runtime
system requirements.

Before the starting the setup, complete the installation of the specific
softwares, by referring to the document from location
"Installer\Installdoc\Oracle_FLEXCUBE_Direct_Banking_Software_Stack".

=====
Please press the Enter key to proceed

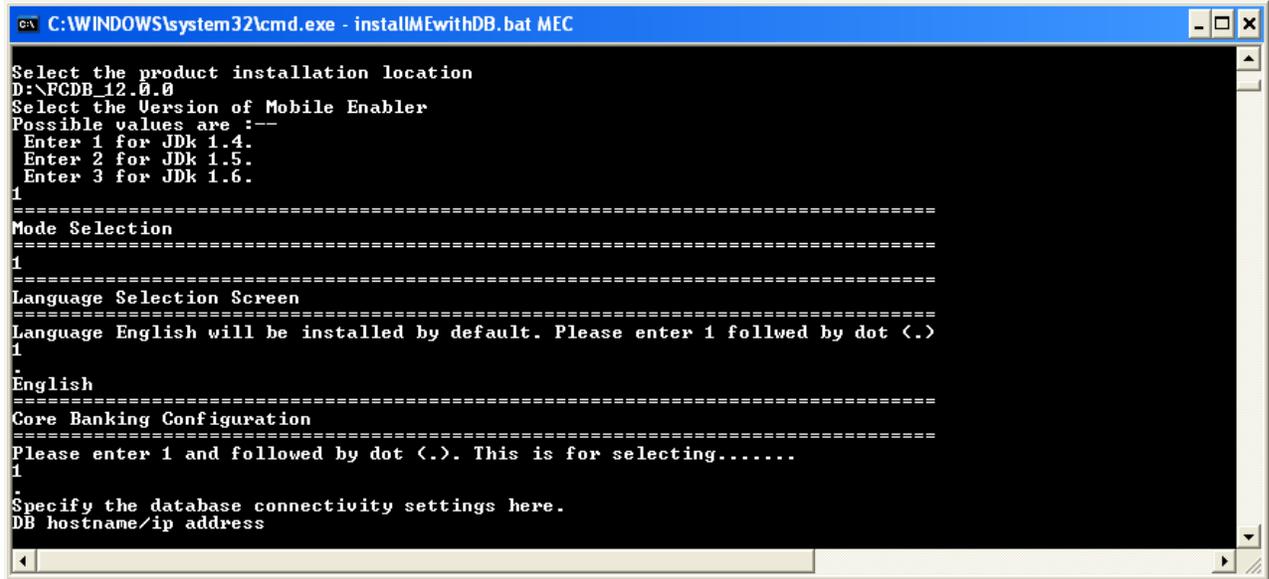
Select the product installation location
D:\FCDB_12.0.0
Select the Version of Mobile Enabler
Possible values are :--
Enter 1 for Jdk 1.4.
Enter 2 for Jdk 1.5.
Enter 3 for Jdk 1.6.
1
=====
Mode Selection
=====
1
=====
Language Selection Screen
=====
Language English will be installed by default. Please enter 1 follwed by dot (<.)
1
.
```

10. Select the core banking option. (Procedure is same as Language selection)



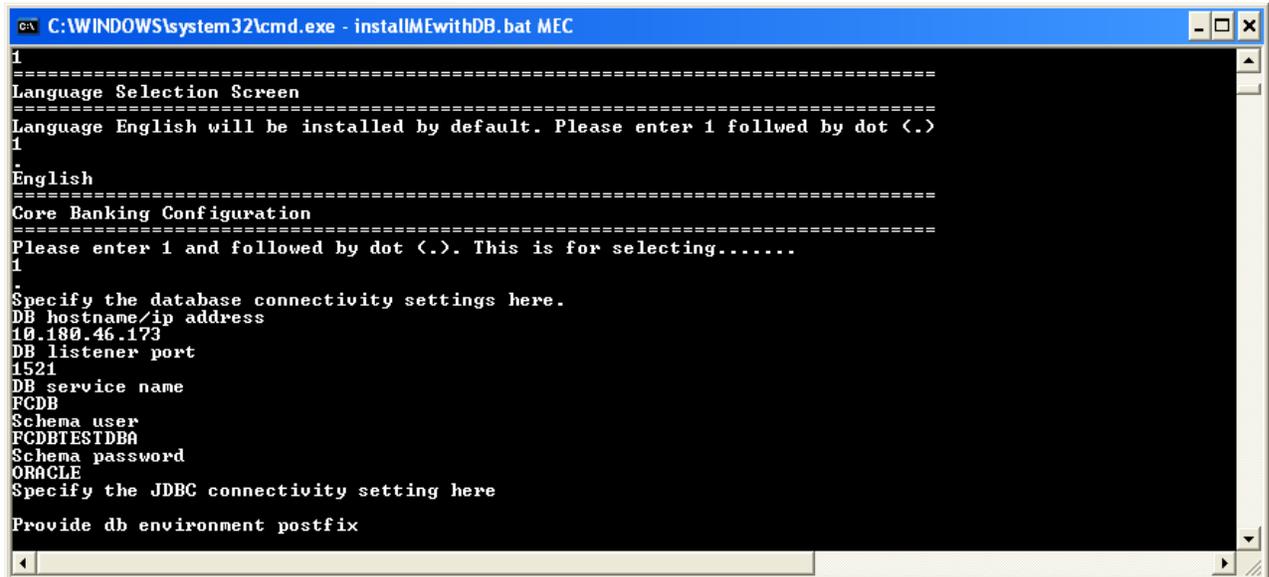
```
C:\WINDOWS\system32\cmd.exe - installMEwithDB.bat MEC
=====
Please press the Enter key to proceed
=====
Select the product installation location
D:\FCDB_12.0.0
Select the Version of Mobile Enabler
Possible values are :--
Enter 1 for JDK 1.4.
Enter 2 for JDK 1.5.
Enter 3 for JDK 1.6.
1
=====
Mode Selection
=====
1
=====
Language Selection Screen
=====
Language English will be installed by default. Please enter 1 followed by dot (<.)
1
.
English
=====
Core Banking Configuration
=====
Please enter 1 and followed by dot (<.). This is for selecting.....
1
.
```

11. Selected Core Banking will be displayed and Installer will ask to enter Database connectivity settings.



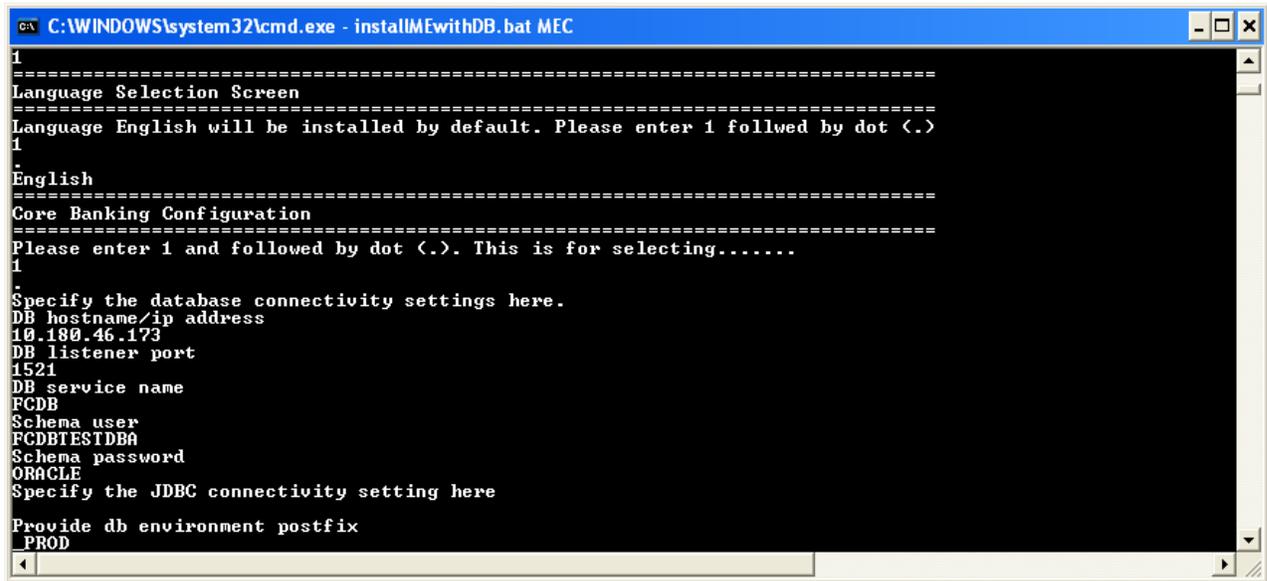
```
C:\WINDOWS\system32\cmd.exe - installMEwithDB.bat MEC
Select the product installation location
D:\FCDB_12.0.0
Select the Version of Mobile Enabler
Possible values are :--
Enter 1 for JDK 1.4.
Enter 2 for JDK 1.5.
Enter 3 for JDK 1.6.
1
=====
Mode Selection
=====
1
=====
Language Selection Screen
=====
Language English will be installed by default. Please enter 1 followed by dot (<.)
1
-
English
=====
Core Banking Configuration
=====
Please enter 1 and followed by dot (<.). This is for selecting.....
1
-
Specify the database connectivity settings here.
DB hostname/ip address
```

12. Enter the database connectivity settings and press <Enter>.



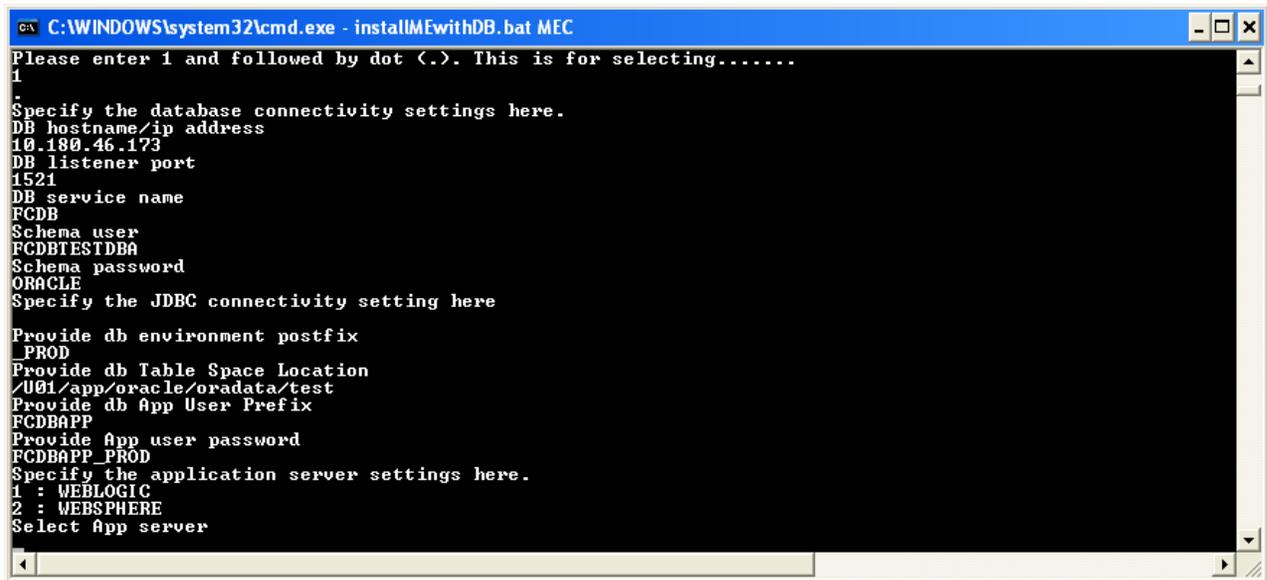
```
C:\WINDOWS\system32\cmd.exe - installMEwithDB.bat MEC
1
=====
Language Selection Screen
=====
Language English will be installed by default. Please enter 1 followed by dot (<.)
1
-
English
=====
Core Banking Configuration
=====
Please enter 1 and followed by dot (<.). This is for selecting.....
1
-
Specify the database connectivity settings here.
DB hostname/ip address
10.180.46.173
DB listener port
1521
DB service name
FCDB
Schema user
FCDB
Schema password
FCDBTESTDBA
Schema password
ORACLE
Specify the JDBC connectivity setting here
Provide db environment postfix
```

13. Installer will ask to input JDBC connectivity settings.



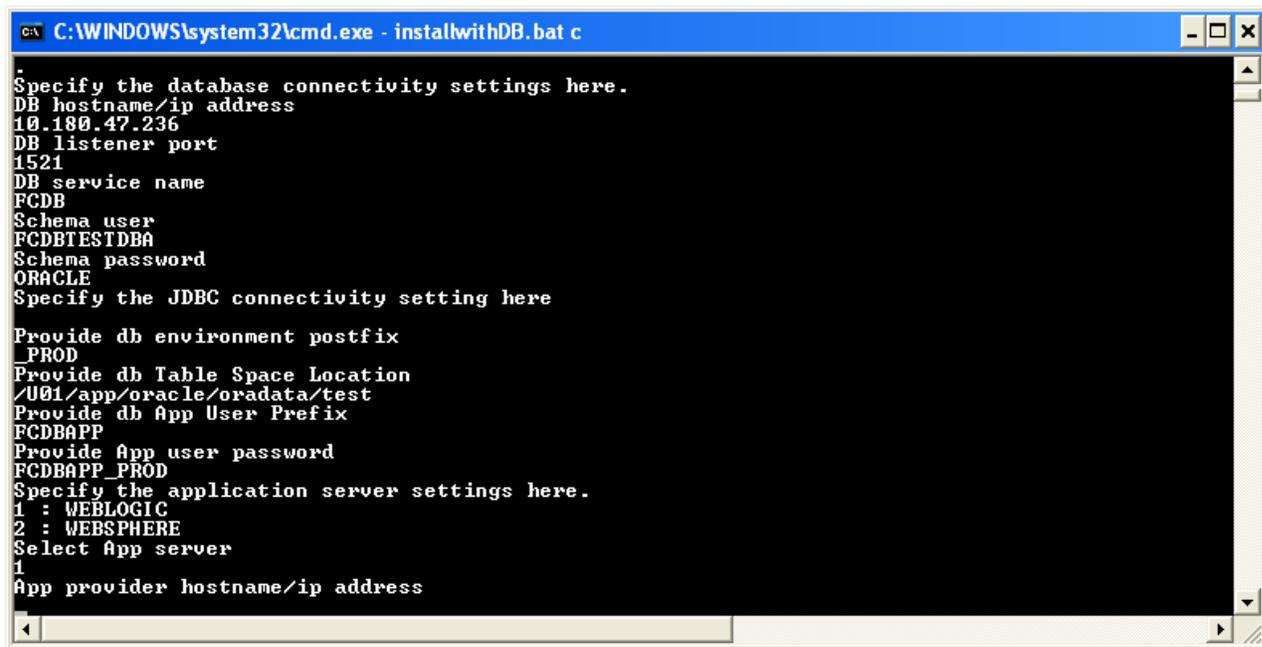
```
C:\WINDOWS\system32\cmd.exe - installMEwithDB.bat MEC
1
=====
Language Selection Screen
=====
Language English will be installed by default. Please enter 1 followed by dot (<.>)
1
.
English
=====
Core Banking Configuration
=====
Please enter 1 and followed by dot (<.>). This is for selecting.....
1
.
Specify the database connectivity settings here.
DB hostname/ip address
10.180.46.173
DB listener port
1521
DB service name
FCDB
Schema user
FCDBTESTDBA
Schema password
ORACLE
Specify the JDBC connectivity setting here
Provide db environment postfix
_PROD
```

14. Provide the JDBC connectivity settings and press <Enter>.



```
C:\WINDOWS\system32\cmd.exe - installMEwithDB.bat MEC
Please enter 1 and followed by dot (<.>). This is for selecting.....
1
.
Specify the database connectivity settings here.
DB hostname/ip address
10.180.46.173
DB listener port
1521
DB service name
FCDB
Schema user
FCDBTESTDBA
Schema password
ORACLE
Specify the JDBC connectivity setting here
Provide db environment postfix
_PROD
Provide db Table Space Location
/U01/app/oracle/oradata/test
Provide db App User Prefix
FCDBAPP
Provide App user password
FCDBAPP_PROD
Specify the application server settings here.
1 : WEBLOGIC
2 : WEBSPHERE
Select App server
```

15. Installer will ask Application server details. Enter the code of the application server to be selected and press <Enter>.



```
C:\WINDOWS\system32\cmd.exe - installwithDB.bat c
Specify the database connectivity settings here.
DB hostname/ip address
10.180.47.236
DB listener port
1521
DB service name
FCDB
Schema user
FCDBTESTDBA
Schema password
ORACLE
Specify the JDBC connectivity setting here
Provide db environment postfix
_PROD
Provide db Table Space Location
/U01/app/oracle/oradata/test
Provide db App User Prefix
FCDBAPP
Provide App user password
FCDBAPP_PROD
Specify the application server settings here.
1 : WEBLOGIC
2 : WEBSHERE
Select App server
1
App provider hostname/ip address
```

16. Provide the Application Server details and press <Enter>. All the entered details will be shown for verification.

```
C:\WINDOWS\system32\cmd.exe - installMEwithDB.bat MEC
1
App provider hostname/ip address
10.180.57.251
App server bootstrap port
7002
=====
Product version number: 12.0.0
Product installation location: D:\FCDB_12.0.0

****DB INFORMATION****
DB URL:                10.180.46.173
DB PORT:               1521
DB SERVICE NAME:      FCDB
DB USERNAME:           FCDBTESTDBA
DB ENUINFO:            PROD
DB TABLESPACE:       /U01/app/oracle/oradata/test
DB APPUSER:            FCDBAPP

****APP INFORMATION****
PROVIDER SERVER:       WEBLOGIC
PROVIDER HOST:         10.180.57.251
PROVIDER PORT:         7002
=====
Review the summary for correctness.Press <y> to begin the installation.
```

17. Review the details and input 'Y'. Press <Enter> to begin installation.

```
C:\ Select C:\WINDOWS\system32\cmd.exe - installwithDB.bat c
Product version number: 12.0.0
Product installation location: D:\FCDB_12.0.0

****DB INFORMATION****
DB URL:                10.180.47.236
DB PORT:                1521
DB SERVICE NAME:       FCDB
DB USERNAME:           FCDBTESTDBA
DB ENUIINFO:           _PROD
DB TABLESPACE:       /U01/app/oracle/oradata/test
DB APPUSER:            FCDBAPP

****APP INFORMATION****
PROVIDER SERUER:       WEBLOGIC
PROVIDER HOST:        10.180.57.251
PROVIDER PORT:        7002
=====
Review the summary for correctness.Press <y> to begin the installation.
y

Installation in process. Please wait
Backup Setup in progress
.
```



<pre>&lt;FCDB BASE DIR&gt;/ system/build/tools/ securepropertiesfiles.sh</pre>	Linux
--	-------

Modify the following text in file accordingly

**FROM**

```
SET FCDB_BUILD="%base%\system\build\kernel\
FCDB_12.0.0.jar;%base%\system\build\extclasses\jars\
oracle\ojdbc6.jar;%base%\system\build\extclasses\jars\axis\log4j-1.2.16.jar;"
```

**TO**

```
SET FCDB_BUILD="%base%\system\build\kernel\{JDK VERSION}\{JAR
FILE};%base%\system\build\extclasses\jars\{JDK VERSION}\
oracle\ojdbc6.jar;%base%\system\build\extclasses\jars\{JDK VERSION}\axis\log4j-
1.2.16.jar;"
```

After executing the file a prompt will appear.

Steps:-1

Prompt : -> "Enter base working directory location"

Please provide the base working directory.

Steps:-2

Prompt : → Enter action on properties files.

Please provide E or D.

E – Encrypt

D - Decrypt

## 7.Conclusion and Next Steps

A successful installation or patch update of FCDB product through Installer can be confirmed through following steps.

- b. Review the log file specified during installation, after completion.
- c. Review the created/updated folders as per the given folder matrix. Details of some folders is as follows

Folder name	Description
<FCDB BASE DIR>/documents	Installation documents.
<FCDB BASE DIR>/system/home	Application home folder for properties.
<FCDB BASE DIR>/deploy	Application deployable location.
<FCDB BASE DIR> /system/build/extclasses	External classes' location.

- d. Login to the DB using the details you entered during installation. Please refer “Oracle FLEXCUBE Direct Banking Database Setup” for additional information on the Database Users and Database Objects.
- e. Properties file needs to be reviewed as per the document “Oracle FLEXCUBE Direct Banking Parameter Sheet” and the required user dependant properties need to be updated. Location of the property files can be found in the “Help” sheet in the same document.

After verification of above steps it can be concluded that FCDB is installed successfully.

**NOTE:** On completion of setup using installer, external host related entities are required to be installed at appropriate location as per the installation documentation provided by the host systems. For creation of multi entity Database setup please refer “Oracle FLEXCUBE Direct Banking Database Setup”.

For the appropriate application server setup refer to the document provided within the reference document section for deployments and other Application server management details.