

Oracle FLEXCUBE Password Change  
Oracle FLEXCUBE Universal Banking

Release 14.7.6.0.0

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# 1. About this Manual

## 1.1 Introduction

This manual explains the method of changing the passwords in Oracle FLEXCUBE data sources and the servers associated with it.

## 1.2 Audience

This manual is intended for the following User/User Roles:

Role	Function
Implementers	Installation and implementation of Oracle FLEXCUBE
System Administrators	System administration

## 1.3 Organization

This manual is organized into the following chapters:

<b>Chapter 1</b>	About this Manual acquaints you quickly with the purpose, organization and the audience of the manual.
<b>Chapter 2</b>	Oracle FLEXCUBE Password Change gives an outline of the processes involved in changing the passwords of various data sources.
<b>Chapter 3</b>	Changing Passwords in Oracle WebLogic describes the method of changing data source passwords from Oracle WebLogic application server.
<b>Chapter 4</b>	Server Password Change explains the process of changing the passwords of the servers associated with Oracle FLEXCUBE.

## 1.4 Related Documents

Oracle FLEXCUBE Installation Guide

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## 2. Oracle FLEXCUBE Password Change

### 2.1 Introduction

This chapter explains the process of changing the passwords of data sources associated with Oracle FLEXCUBE.

You will find the methods to change the passwords of the following components:

- Oracle FLEXCUBE Host Schema
- Scheduler Data Source
- ELCM Data Source
- Gateway Data Source

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## 3. Changing Passwords in Oracle WebLogic

### 3.1 Introduction

This chapter describes the method of changing data source passwords from Oracle WebLogic application server.

### 3.2 Changing Host Schema Password

This section explains the method to change the password of Oracle FLEXCUBE Host schema.

If you change the host schema password, you also need to change the passwords of the data sources pointing to the host schema.

#### 3.2.1 Prerequisites

Before you change and test the passwords of the data sources, ensure that the following activities are completed:

1. Determine the downtime for the password change and test activities.
2. Inform all concerned users and groups.
3. Ensure that all users have logged out of Oracle FLEXCUBE system.
4. Stop Oracle FLEXCUBE application.
5. Stop the target server to which the data sources point. To stop the target server, follow the steps below:
  - Login to Oracle WebLogic application server
  - Go to Home > Environments > Servers
  - Select and stop the server by clicking 'Stop' button.

This completes the prerequisites.

#### 3.2.2 Changing Host Schema Password

You need to test whether the data source password change was successful. Follow the steps given below.

1. Login to Oracle WebLogic application server
2. Go to **Home > Services > Data Sources**. You will notice a table that contains the list of all data sources created in the application server.
3. Click the data source *jdbc/fcjdevDS*.
4. Select 'Connection Pool' tab.

**ORACLE WebLogic Server® Administration Console**

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: base\_domain

Change Center  
View changes and restarts  
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

Domain Structure  
base\_domain  
├─ Environment  
├─ Deployments  
├─ Services  
│ └─ Messaging  
│ └─ Data Sources  
│ └─ Persistent Stores  
│ └─ Foreign JNDI Providers  
│ └─ Work Contexts  
│ └─ XML Registries  
│ └─ XML Entity Caches  
│ └─ JCOI  
│ └─ Mail Sessions  
└─ File T3

How do I...  
• Configure testing options for a JDBC data source  
• Configure the statement cache for a JDBC connection pool  
• Configure credential mapping for a JDBC data source

System Status  
Health of Running Servers  
Failed (0)  
Critical (0)  
Overloaded (0)  
Warning (0)  
OK (2)

**Settings for FCUBDs**  
Configuration Targets Monitoring Control Security Notes  
General **Connection Pool** Oracle ONS Transaction Diagnostics Identity Options

Save

The connection pool within a JDBC data source contains a group of JDBC connections that applications reserve, use, and then return to the pool. The connection pool and the connections within it are created when the connection pool is registered, usually when starting up WebLogic Server or when deploying the data source to a new target.  
Use this page to define the configuration for this data source's connection pool.

**URL:** jdbc:oracle:thin:@10.184.74.142:1521:KERDEV3  
The URL of the database to connect to. The format of the URL varies by JDBC driver. [More Info...](#)

**Driver Class Name:** oracle.jdbc.OracleDriver  
The full package name of JDBC driver class used to create the physical database connections in the connection pool. (Note that this driver class must be in the classpath of any server to which it is deployed.) [More Info...](#)

**Properties:**  
user=FC1131IUT  
The list of properties passed to the JDBC driver that are used to create physical database connections. For example: server=dbserver1. List each property=value pair on a separate line. [More Info...](#)

**System Properties:**  
The list of System Properties names passed to the JDBC driver that are used to create physical database connections. For example: server=dbserver1. List each property=value pair on a separate line. [More Info...](#)

**Password:** .....  
The password attribute passed to the JDBC driver when creating physical database connections. [More Info...](#)

**Confirm Password:** .....

5. Change the password. Use the following fields:

### Password

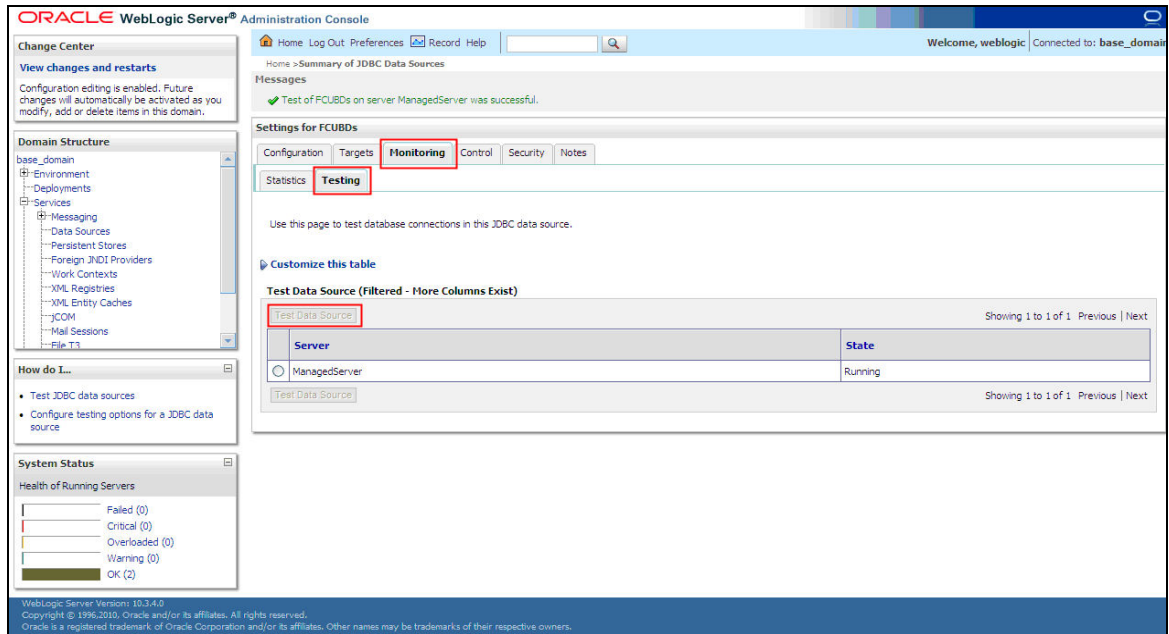
Specify the new password.

### Confirm Password

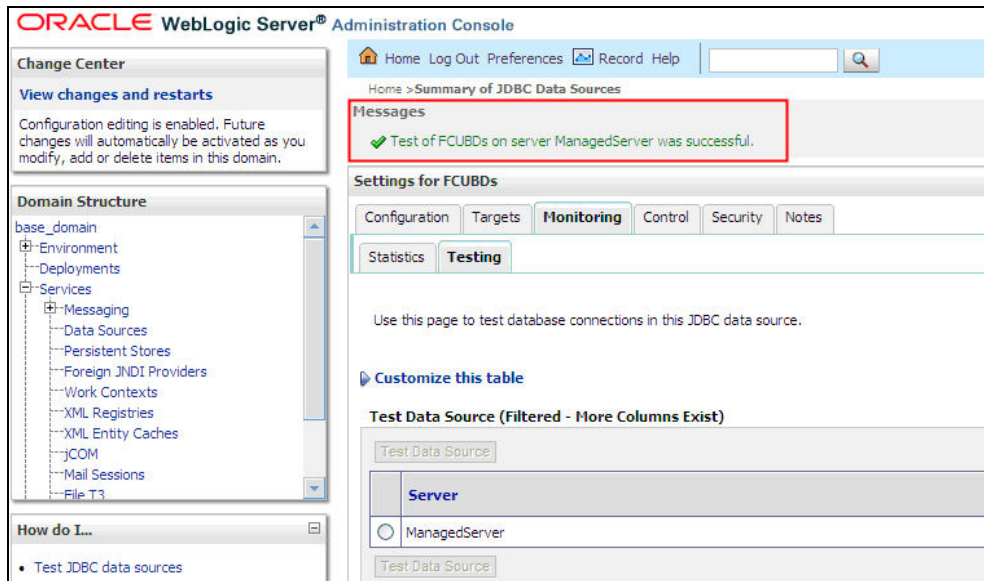
Specify the new password again.

6. Click 'Save'.

7. To test the data source, select 'Monitoring' tab and select 'Testing' tab under it.



8. Select the target server and click 'Test Data Source'.
9. The screen displays a message confirming successful testing.



10. Once you get the message, restart the application server.
11. Start Oracle FLEXCUBE.
12. Log in to Oracle FLEXCUBE. Launch a summary screen or execute a simple transaction to test.



Try the above process in UAT or any other test environment before you change the password in a production environment.

## 3.3 Changing Scheduler Data Source Password

After changing the host schema password, you need to change the password of scheduler data source.

### 3.3.1 Prerequisites

Before you change the password of scheduler data source, ensure that the following activities are completed:

1. Determine the down time for the password change activity.
2. Inform all concerned users and groups.
3. Ensure that all users have logged out of Oracle FLEXCUBE system.
4. Stop Oracle FLEXCUBE application.
5. Stop the target server to which the data sources point. To stop the target server, follow the steps below:
  - Login to Oracle WebLogic application server
  - Go to **Home > Environments > Servers**
  - Select and stop the server by clicking 'Stop' button.

This completes the prerequisites.

### 3.3.2 Changing Scheduler Data Source Password

You need to change the password of scheduler data source. Follow the steps given below.

1. Login to Oracle WebLogic application server
2. Go to **Home > Services > Data Sources**. You will notice a table that contains the list of all data sources created in the application server.
3. Click the data scheduler source *jdbc/fcjSchedulerDS*.
4. Select **Connection Pool** tab.



**ORACLE WebLogic Server® Administration Console**

Home Log Out Preferences Record Help Welcome, weblogic Connected to: base\_domain

Home > Summary of JDBC Data Sources > FCUBS\_SchedulerDS

### Settings for FCUBS\_SchedulerDS

Configuration Targets Monitoring Control Security Notes

General **Connection Pool** Oracle ONS Transaction Diagnostics Identity Options

Save

The connection pool within a JDBC data source contains a group of JDBC connections that applications reserve, use, and then return to the pool. The connection pool and the connections within it are created when the connection pool is registered, usually when starting up WebLogic Server or when deploying the data source to a new target.

Use this page to define the configuration for this data source's connection pool.

**URL:** jdbc:oracle:thin:@10.184.74.142:1521:KERDEV3  
The URL of the database to connect to. The format of the URL varies by JDBC driver. [More Info...](#)

**Driver Class Name:** oracle.jdbc.xa.client.OracleXADataSource  
The full package name of JDBC driver class used to create the physical database connections in the connection pool. (Note that this driver class must be in the classpath of any server to which it is deployed.) [More Info...](#)

**Properties:**  
user=FC1131IUT  
The list of properties passed to the JDBC driver that are used to create physical database connections. For example: server=observer1. List each property=value pair on a separate line. [More Info...](#)

**System Properties:**  
The list of System Properties names passed to the JDBC driver that are used to create physical database connections. For example: server=observer1. List each property=value pair on a separate line. [More Info...](#)

**Password:** .....  
The password attribute passed to the JDBC driver when creating physical database connections. [More Info...](#)

**Confirm Password:** .....

5. Change the password. Use the following fields:

### Password

Specify the new password.

### Confirm Password

Specify the new password again.

6. Click 'Save'.

7. To test the data source, select 'Monitoring' tab and select 'Testing' tab under it.

**ORACLE WebLogic Server® Administration Console**

Home Log Out Preferences Record Help Welcome, weblogic Connected to: base\_domain

Home > Summary of JDBC Data Sources

Messages  
✓ Test of FCUBS\_SchedulerDS on server ManagedServer was successful.

### Settings for FCUBS\_SchedulerDS

Configuration Targets **Monitoring** Control Security Notes

Statistics **Testing**

Use this page to test database connections in this JDBC data source.

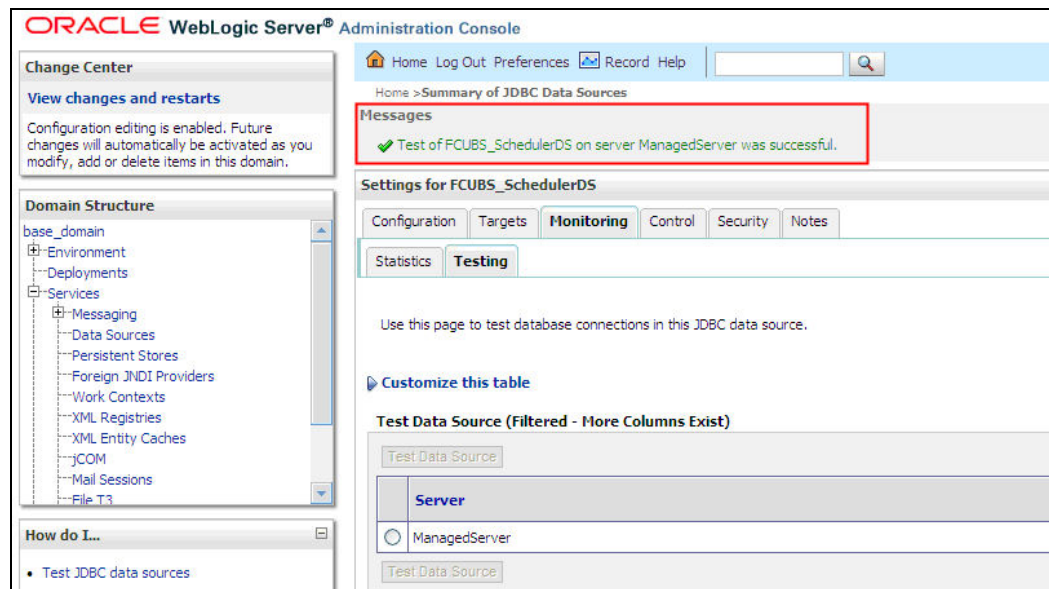
Customize this table

Test Data Source (Filtered - More Columns Exist)

Test Data Source	Server	State
Test Data Source	ManagedServer	Running

Showing 1 to 1 of 1 Previous | Next

8. Select the target server and click 'Test Data Source'.
9. The screen displays a message confirming successful testing.



*You need to change the branch schema password after the above steps. Refer to the section 'Changing Password in Decentralized Setup' for information on changing the branch schema password from Oracle FLEXCUBE Universal Banking Solution Installer.*

**STOP** Try the above process in UAT or any other test environment before you change the password in a production environment.

## 3.4 Changing ELCM Data Source Password

You need to change the password of ELCM data source.

### 3.4.1 Prerequisites

Before you change the password of ELCM data source, ensure that the following activities are completed:

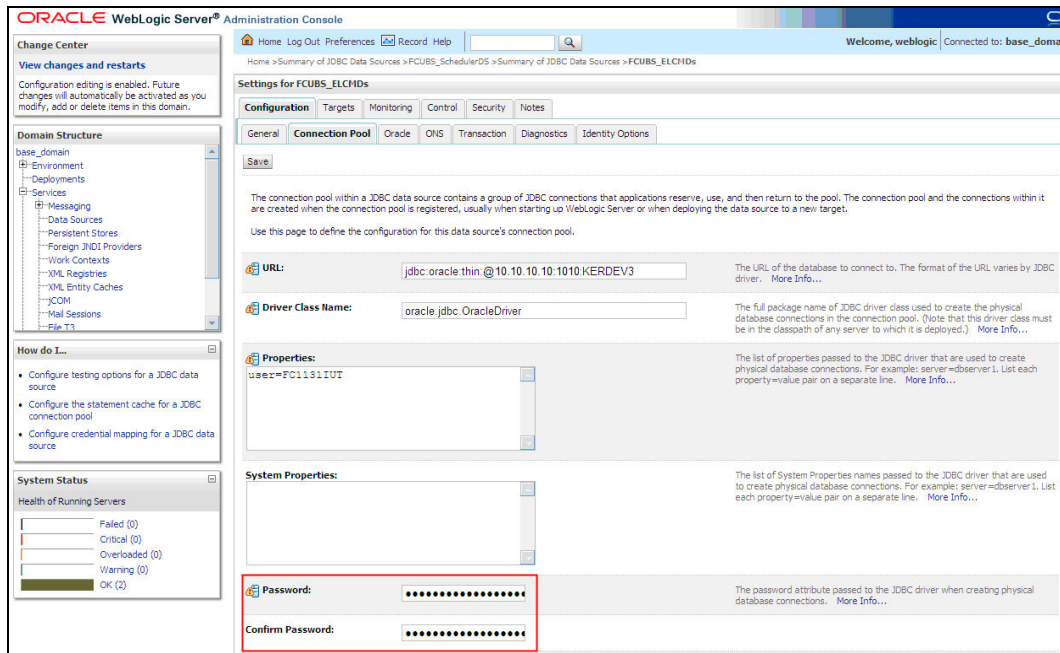
1. Determine the down time for the password change activity.
2. Inform all concerned users and groups.
3. Ensure that all users have logged out of Oracle FLEXCUBE system.
4. Stop Oracle FLEXCUBE application.
5. Stop the target server to which the data sources point. To stop the target server, follow the steps below:
  - Login to Oracle WebLogic application server
  - Go to **Home > Environments > Servers**
  - Select and stop the server by clicking 'Stop' button.

This completes the prerequisites.

### 3.4.2 Changing ELCM Data Source Password

You need to change the password of ELCM data source. Follow the steps given below.

1. Login to Oracle WebLogic application server.
2. Go to Home > Services > Data Sources. You will notice a table that contains the list of all data sources created in the application server.
3. Click the ELCM data source.
4. Select **Connection Pool** tab.



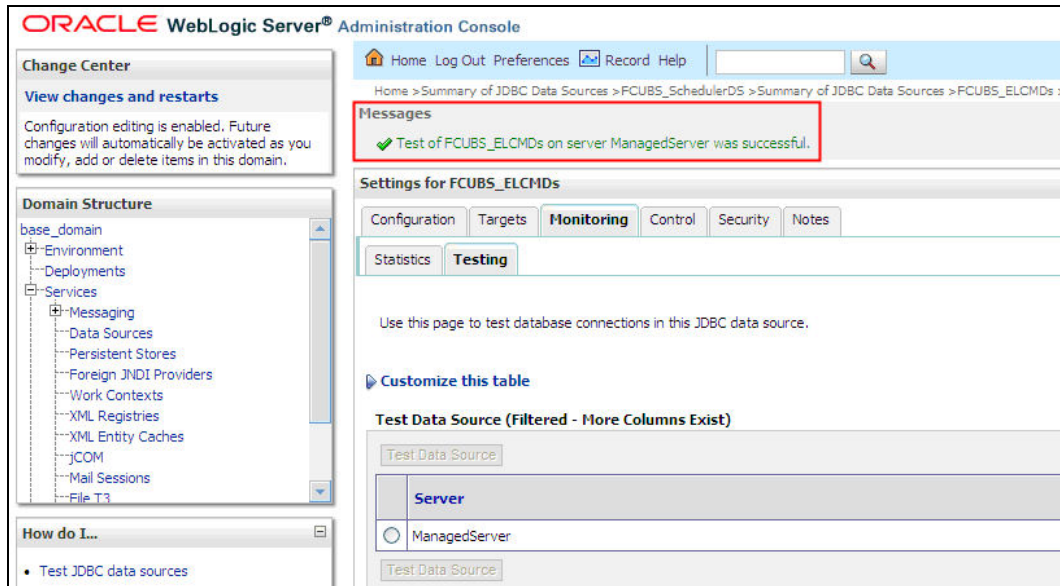
5. Change the password. Use the following fields:

#### Password

Specify the new password.

#### Confirm Password

6. Specify the new password again. Click 'Save'.
7. To test the data source, select Monitoring tab and select 'Testing' tab under it.
8. Select the target server and click 'Test Data Source'.
9. The screen displays a message confirming successful testing.



You need to change the branch schema password after the above steps. Refer to the section 'Changing Password in Decentralized Setup' for information on changing the branch schema password from Oracle FLEXCUBE Universal Banking Solution Installer.



Try the above process in UAT or any other test environment before you change the password in a production environment.

## 3.5 Changing Gateway Data Source Password

If you change the host schema password, you also need to change the gateway password.

### 3.5.1 Prerequisites

Before you change the gateway password, ensure that the following activities are completed:

1. Determine the down time for the password change activity.
2. Inform all concerned users and groups.
3. Ensure that all users have logged out of Oracle FLEXCUBE system.
4. Stop Oracle FLEXCUBE application.
5. Stop the target server to which the data sources point. To stop the target server, follow the steps below:
  - Login to Oracle WebLogic application server
  - Go to Home > Environments > Servers
  - Select and stop the server by clicking 'Stop' button.

This completes the prerequisites.

### 3.5.2 Changing Gateway Data Source Password

You need to change the password of Gateway data source. Follow the steps given below.

1. Login to Oracle WebLogic application server
2. Go to Home > Services > Data Sources. You will notice a table that contains the list of all data sources created in the application server.
3. Select Gateway data source (*FLEXTEST.WORLD*).
4. Select 'Connection Pool' tab.

Modify, add or delete items in this domain:

**Domain Structure**

- base\_domain
  - Environment
    - Deployments
    - Services
      - Message
      - Data Sources
      - Persistent Stores
      - Foreign JNDI Providers
      - Work Contexts
      - XML Registries
      - XML Entity Caches
      - JCOM
      - Mail Sessions
      - File Tr

**How do I...?**

- Configure testing options for a JDBC data source
- Configure the statement cache for a JDBC connection pool
- Configure credential mapping for a JDBC data source

**System Status**

Health of Running Servers

- Failed (0)
- Critical (0)
- Overloaded (0)
- Warning (0)
- OK (2)

**Configuration** Targets Monitoring Control Security Notes

General **Connection Pool** Oracle OHS Transaction Diagnostics Identity Options

Save

The connection pool within a JDBC data source contains a group of JDBC connections that applications reserve, use, and then return to the pool. The connection pool and the connections within it are created when the connection pool is registered, usually when starting up WebLogic Server or when deploying the data source to a new target.

Use this page to define the configuration for this data source's connection pool.

**URL:** jdbc:oracle:thin:@10.10.10.10:1010:KERDEV3 The URL of the database to connect to. The format of the URL varies by JDBC driver. [More Info...](#)

**Driver Class Name:** oracle.jdbc.xa.client:OracleXADataSource The full package name of JDBC driver class used to create the physical database connections in the connection pool. (Note that this driver class must be in the classpath of any server to which it is deployed.) [More Info...](#)

**Properties:** user=FC1131IUT The list of properties passed to the JDBC driver that are used to create physical database connections. For example: server=observer1. List each property=value pair on a separate line. [More Info...](#)

**System Properties:** The list of System Properties names passed to the JDBC driver that are used to create physical database connections. For example: server=observer1. List each property=value pair on a separate line. [More Info...](#)

**Password:** The password attribute passed to the JDBC driver when creating physical database connections. [More Info...](#)

**Confirm Password:**

**Initial Capacity:** 1 The number of physical connections to create when creating the connection pool. [More Info...](#)

**Maximum Capacity:** 15 The maximum number of physical connections that this connection pool can contain. [More Info...](#)

**Facility Truncates:** This section of operations restricts those operations that are added to the

5. Change the password. Use the following fields:

### Password

Specify the new password

### Confirm Password


Specify the new password again

6. Click 'Save'.
7. To test the data source, select 'Monitoring' tab and select 'Testing tab' under it.
8. Select the target server and click 'Test Data Source'.
9. The screen displays a message confirming successful testing.

The screenshot shows the Oracle WebLogic Server Administration Console. On the left, the 'Domain Structure' tree is visible, showing the hierarchy from 'base\_domain' down to 'File T3'. The 'Messages' section at the top right displays a green checkmark and the text: 'Test of FLEXTTEST.WORLD on server ManagedServer was successful.' Below this, the 'Settings for FLEXTTEST.WORLD' section is shown, with tabs for 'Configuration', 'Targets', 'Monitoring' (selected), 'Control', 'Security', and 'Notes'. Under the 'Monitoring' tab, the 'Testing' sub-tab is active. A message states: 'Use this page to test database connections in this JDBC data source.' Below this, there is a 'Test Data Source' section with a table showing the 'ManagedServer' is in a 'Running' state.

10. Once you get the message, restart the application server.

11. Start Oracle FLEXCUBE. Log in to Oracle FLEXCUBE and test whether the change was successful.

 Try the above process in UAT or any other test environment before you change the password in a production environment.

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## 4. Server Password Change

### 4.1 Introduction

This chapter explains the process of changing the passwords of the servers associated with Oracle FLEXCUBE.

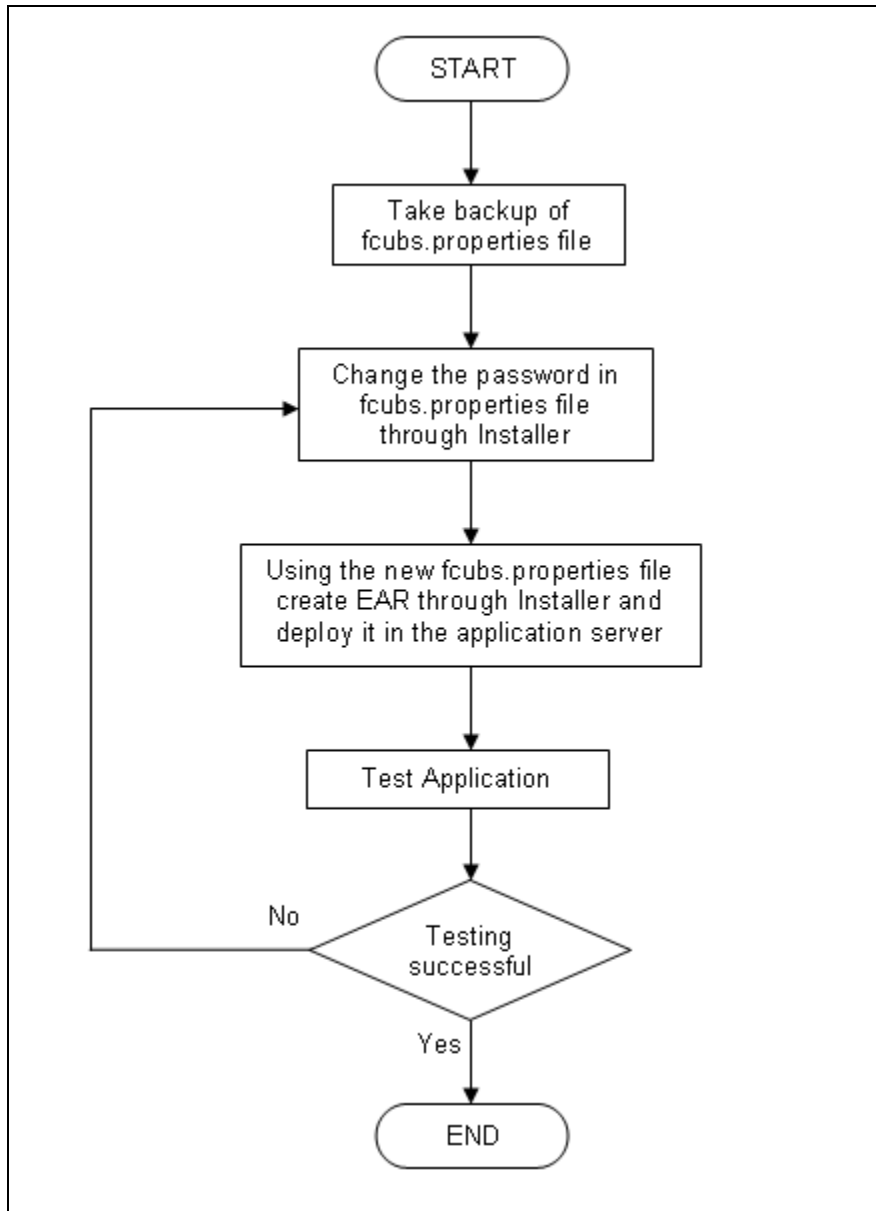
You will find the methods to change the passwords of the following servers:

- SMTP Server
- EMS FTP Server
- DMS Server

### 4.2 Changing SMTP Server Password

This section describes the process of changing the SMTP server password.

The following diagram briefs the steps involved in changing the passwords of the SMTP server.



#### 4.2.1 **Prerequisites**

Before you change the password of the SMTP server, ensure that the following activity is completed:

- Take a backup of *fcubs.properties* file from the current EAR file.

#### 4.2.2 **Changing SMTP Server Password**

To change the password of SMTP server, follow the steps given below:

1. In Oracle FLEXCUBE Universal Banking Solution Installer, load the existing property file. Go to the step where you can define the branch properties.



Oracle FLEXCUBE Universal Installer 12.5.0.0.0

## Oracle Banking Installer

### Property File Creation - SMTPS/DMS

Option for Mail configuring using SMTPS Protocol

No.	Name	Value
1	Host	samplename.mail.com
2	User Id	infra
3	User Password	*****
4	JNDI Name	mail/FCUBSMail

Option for modifying the DMS/IPM property values

No.	Name	Value
1	Login Service Address	http://10.10.10.10:1010/imaging/ws/L...
2	Document Service Address	http://10.10.10.10:1010/imaging/ws/D...
3	Document Content Service Address	http://10.10.10.10:1010/imaging/ws/D...
4	IPM User Name	testuser
5	IPM Password	*****

Exit Log Back Next

2. You need to modify the following field:

### User Password

Specify the new password

- Once you have deployed the EAR file, inform the concerned users and groups about the password change.
- Test whether the password change was successful. In case the test is not successful, repeat the above steps and test again.

Refer to the *Installation Guide* for further information on the following topics:

- Creating EAR file
- Loading and editing the property file
- Deploying EAR file

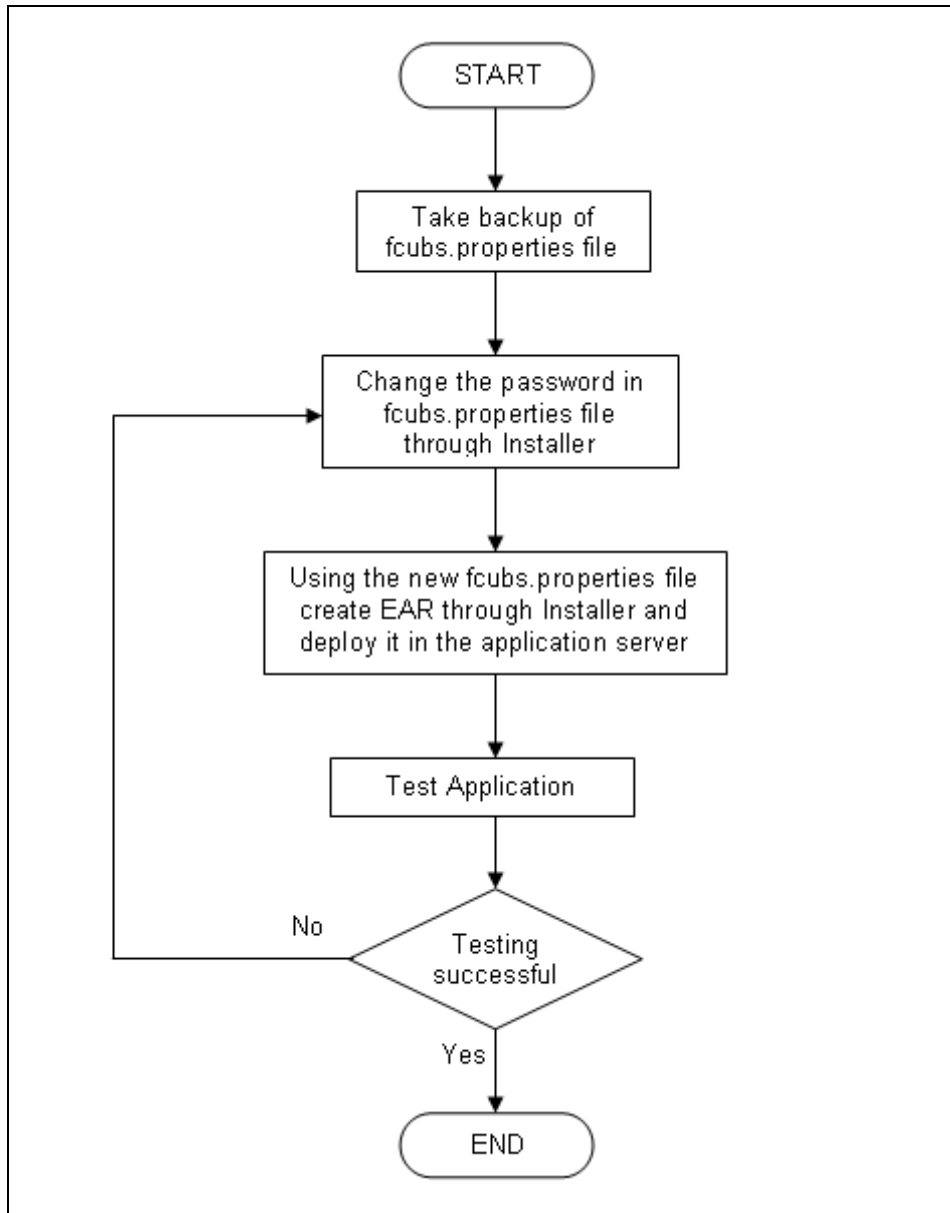


Try the above process in UAT or any other test environment before you change the password in a production environment.

## 4.3 Changing EMS FTP Server Password

This section describes the process of changing the EMS FTP server password.

The following diagram briefs the steps involved in changing the passwords of the EMS FTP server.



#### 4.3.1 **Prerequisites**

Before you change the password of the EMS FTP server, ensure that the following activity is completed:

Take a backup of `fcubs.properties` file from the current EAR file.

#### 4.3.2 **Changing FTP Server Password**

To change the password of EMS FTP server, follow the steps given below:

1. In Oracle FLEXCUBE Universal Banking Solution Installer, load the existing property file. Go to the step where you can define the branch properties.
2. Change the password of the FTP server.

3. Once you have deployed the EAR file, inform the concerned users and groups about the password change.
4. Test whether the password change was successful. In case the test is not successful, repeat the above steps and test again.

*Refer to the Installation Guide for further information on the following topics:*

- *Creating EAR file*
- *Loading and editing the property file*
- *Deploying EAR file*

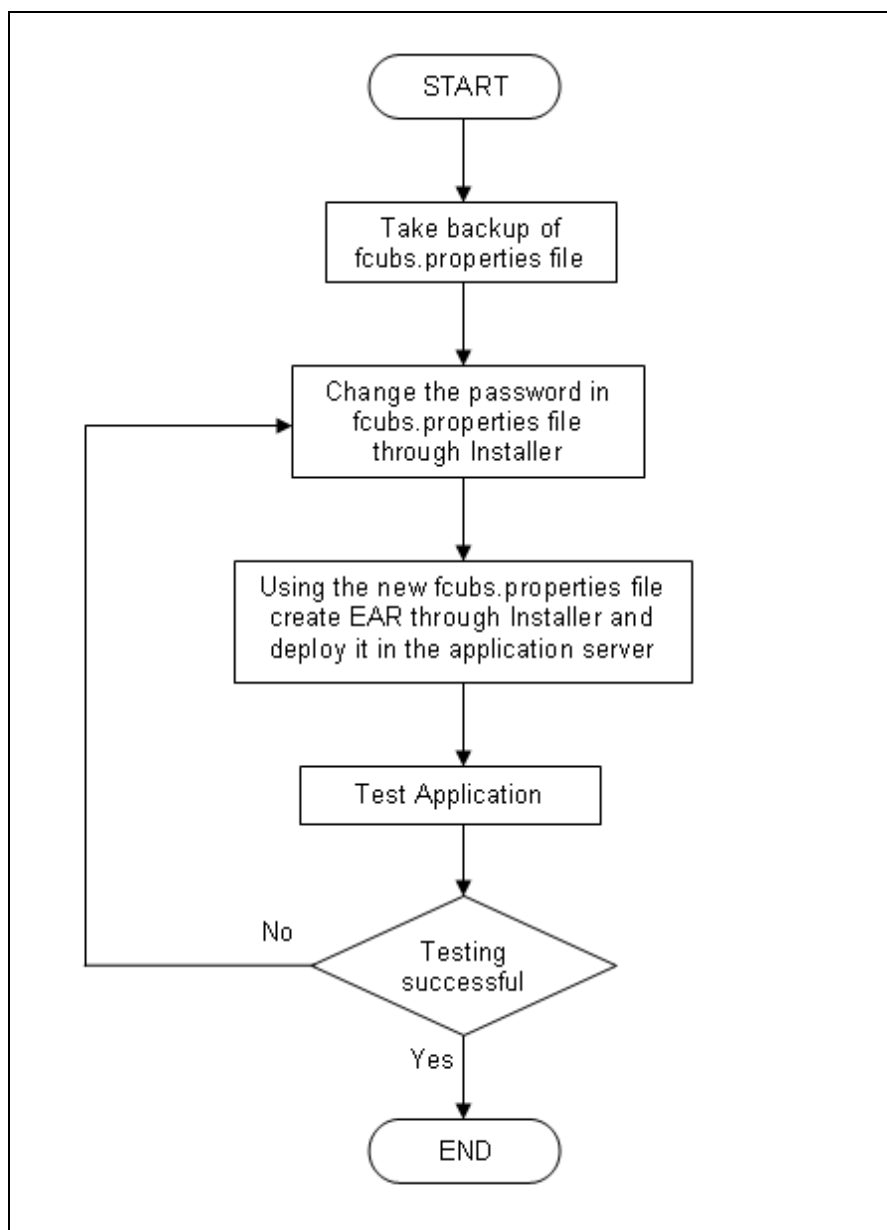


Try the above process in UAT or any other test environment before you change the password in a production environment.

## **4.4 Changing DMS Server Password**

This section describes the process of changing the DMS server password.

The following diagram briefs the steps involved in changing the passwords of the DMS server.



#### 4.4.1 **Prerequisites**

Before you change the password of the DMS server, ensure that the following activity is completed:

Take a backup of *fcubs.properties* file from the current EAR file.



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