Oracle FLEXCUBE Password Change Oracle FLEXCUBE Investor Servicing Release 14.7.3.0.0 [December] [2023]

FINANCIAL SERVICES

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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:

| Chapter 1 | About this Manual acquaints you quickly with the purpose, organization and the audience of the manual. |
|-----------|---|
| Chapter 2 | Oracle FLEXCUBE Password Change gives an outline of the processes involved in changing the passwords of various data sources. |
| Chapter 3 | Changing Passwords in Oracle WebLogic describes the method of changing data source passwords from Oracle WebLogic application server. |

1.4 Related Documents

Oracle FLEXCUBE Installation Guide



2. Oracle FLEXCUBE Password Change

2.1 Introduction

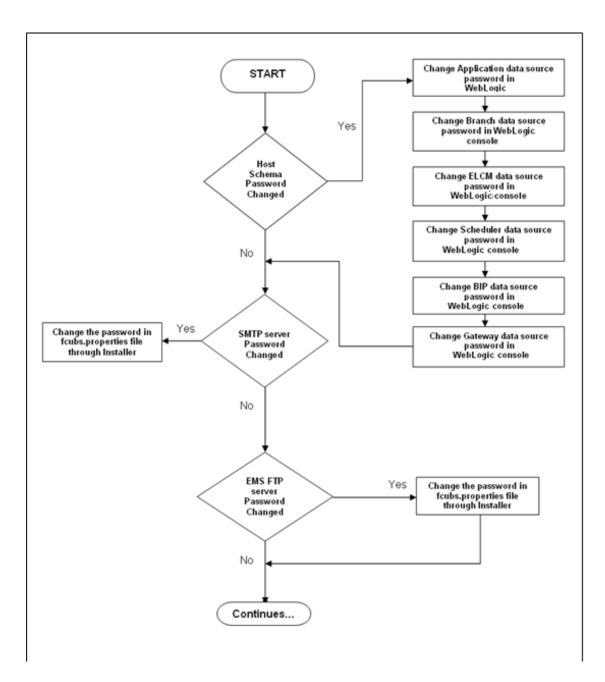
This chapter explains the process of changing the passwords of data sources associated with Oracle FLEXCUBE.

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

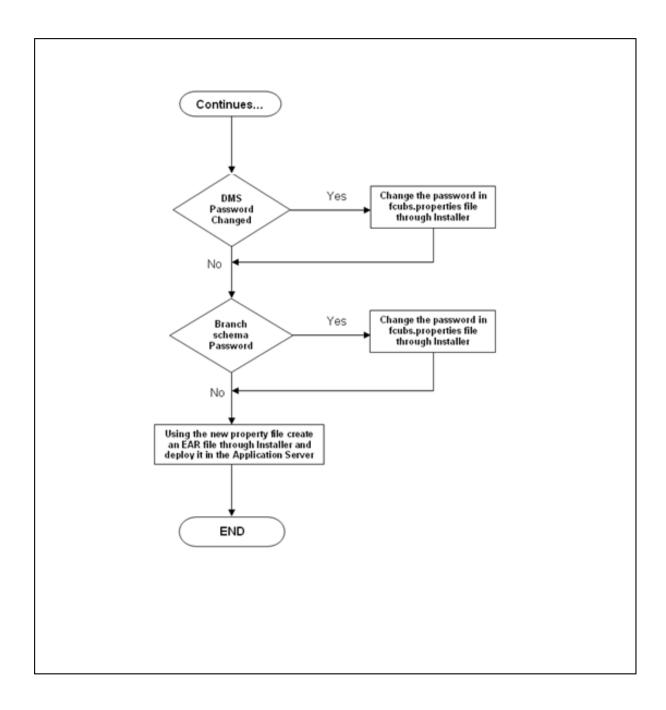
- Oracle FLEXCUBE Host Schema
- Scheduler Data Source
- ELCM Data Source
- Gateway Data Source
- Branch Data Source

The following diagram briefs the steps involved in changing the passwords of the above components.











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.

| | dministration | n Console | | | | | | | 0 | |
|--|--|------------------|--|---------|-------------|-------------|------------------|--------------|---|--|
| Change Center | | g Out Preference | s 🔤 Reco | rd Help | | G | | | Welcome, weblogic Connected to: base_domain | |
| View changes and restarts | Home > Summary of JDBC Data Sources > FCUBDs | | | | | | | | | |
| Configuration editing is enabled. Future | Settings for FCUBDs | | | | | | | | | |
| changes will automatically be activated as you modify, add or delete items in this domain. | Configuration Targets Monitoring Control Security Notes | | | | | | | | | |
| Domain Structure | General | Connection Pool | Oracle | ONS | Transaction | Diagnostics | Identity Options | | | |
| bsse_domain Deployments Deployments Dervices Data Sources Pervices Persitent Stores | 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 VMBLogic 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. | | | | | | | | | |
| Foreign JNDI Providers Work Contexts XML Registries XML Entity Caches | 街 URL: | | jdbc:oracle:thin:@10.184.74.142:1521:KERDEV3 | | | | | | the database to connect to. The format of the URL varies by JDBC re Info | |
| | dE Driver Class Name: oracle.jdbc.OracleDriver | | | | | | | database co | 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 | |
| How do I 😑 | Proper | ties: | | | | | | | roperties passed to the JDBC driver that are used to create | |
| 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 | user=FC | 1131IUT | | | | | | | abase connections. For example: server wobserver 1. List each alue pair on a separate line. More Info | |
| System Status Health of Running Servers Faled (0) Critical (0) Overloaded (0) Warning (0) | System Properties: | | | | | | | to create ph | ystem Propertes names passed to the JDBC driver that are used ysical database connections. For example: server-edberver1. List ty-walue pair on a separate line. More Info | |
| OK (2) | 街 Passwo | ord: | •• | ••••• | ••••• | •• | | | rd attribute passed to the JDBC driver when creating physical innections. More Info | |
| | Confirm Pa | ssword: | •• | ••••• | ••••• | •• | | | | |

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 | Q |
|--|---|---|
| Change Center | 😰 Home Log Out Preferences 🔤 Record Help | Welcome, weblogic Connected to: base_domain |
| View changes and restarts Configuration eding is enabled. Future changes will accurate all you modify, add or detex items in this domain. Domain Structure base_domain IP Envices Demain Structure Deployments IP Genvices IP Heaving and the second IP Structure Data Sources IP Heaving and the second IP Heaving and theaving and the second IP Heaving and theaving and th | Home >Summary of JDBC Data Sources Hessages ✓ Test of FCUBDs on server ManagedServer was successful. Settings for FCUBDs Configuration Targets Honitoring Control Security Notes Use this page to test database connections in this JDBC data source. ✓ Customize this table | |
| ····XML Registries | Test Data Source (Filtered - More Columns Exist) | |
| XML Entity Caches jCOM | Test Data Source | Showing 1 to 1 of 1 Previous Next |
| File T3 | Server | State |
| How do I | ManagedServer | Running |
| Test JDBC data sources | Test Data Source | Showing 1 to 1 of 1 Previous Next |
| Configure testing options for a JDBC data source | | |
| | | |
| System Status | | |
| Health of Running Servers | | |
| Failed (0) Critical (0) Overloaded (0) Warning (0) OK (2) | | |
| WebLogic Server Version: 10.3.4.0 Copyright © 1996,2010, Oracle and/or its affiliates. All Oracle is a registered trademark of Oracle Corporation | rights reserved. and/or its affliates. Other names may be trademarks of their respective owners. | |

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

| | Administration Console | | | | | |
|---|--|--|--|--|--|--|
| Change Center | 🔒 Home Log Out Preferences 🔤 Record Help | | | | | |
| View changes and restarts | Home >Summary of JDBC Data Sources | | | | | |
| Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain. | Messages Test of FCUBDs on server ManagedServer was successful. | | | | | |
| | Settings for FCUBDs | | | | | |
| Domain Structure | Configuration Targets Monitoring Control Security Notes | | | | | |
| base_domain | Comguration rargets Fromcoring Control Security Notes | | | | | |
| Environment | Statistics Testing | | | | | |
| Deployments ⊡Services | | | | | | |
| | Use this page to test database connections in this JDBC data source. | | | | | |
| Foreign JNDI Providers Work Contexts | | | | | | |
| XML Registries | Test Data Source (Filtered - More Columns Exist) | | | | | |
| XML Entity Caches jCOM | Test Data Source | | | | | |
| File T3 | Server | | | | | |
| How do I | ManagedServer | | | | | |
| Test JDBC data sources | Test Data Source | | | | | |

- 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.



Changing Password in Decentralized Setup

You need to change the branch schema password for a decentralized setup of Oracle FLEXCUBE. Follow the steps given below:

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

| Database Installation | | | | | | | | |
|-------------------------|-----------|--|---|--|--|--|--|--|
| Provide schema details. | | | _ | | | | | |
| Name | Value | | | | | | | |
| Username | installer | | 1 | | | | | |
| Password | ••••• | | | | | | | |
| Connect String | testdb | | | | | | | |
| IP Address | 10.10.10 | | | | | | | |
| Port | 1521 | | | | | | | |
| | | | | | | | | |
| Test Connection | | | | | | | | |

2. You need to modify the following field:

Password

Specify the new password for the branch schema

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.



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.

| | inistration Cons | sole | | | | | | | | Q | |
|--|---|--------------|-------------|------------|---------------|---------------|------------------|---------------------|---|------------------|--|
| Change Center 1 | 🔒 Home Log Out | Preferences | 🔤 Record | d Help | | | 2 | | Welcome, weblogic Connected to | to: base_domain | |
| View changes and restarts | Home >Summary of | JDBC Data So | urces >FCU | JBS_Sche | edulerDS | | | | | | |
| Configuration editing is enabled. Future Second Sec | Settings for FCUBS_SchedulerDS | | | | | | | | | | |
| | Configuration Targets Monitoring Control Security Notes | | | | | | | | | | |
| Domain Structure | General Conne | ction Pool | Oracle | ONS | Transaction | Diagnostics | Identity Options | | | | |
| base_domain | Save | | | | | | | | | | |
| Deployments | | | | | | | | | | | |
| Services Messading | | | | | | | | | and then return to the pool. The connection pool and the connect data source to a new target. | tions within it | |
| ···Data Sources | Use this page to d | | | - | | | - | interroepioying are | data source to a new target. | | |
| Persistent Stores | use uns page to o | erne me com | iguration t | or unis da | sta sources c | ormection por | л. | | | | |
| Work Contexts XML Registries XML Entity Caches | (∰ URL: jdbc:oracle:thin:@10.184.74.142:1 | | | | | 184.74.142: | 1521:KERDEV3 | | The URL of the database to connect to. The format of the URL varies by JDBC driver. More Info | | |
| | Cracle 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 | | |
| How do I | Properties: | | | | | | | | The list of properties passed to the JDBC driver that are used to | in create | |
| | user=FC1131 | IUT | | | | | | | physical database connections. For example: server=dbserver: property=value pair on a separate line. More Info | | |
| Configure the statement cache for a JDBC connection pool | | | | | | | | | | | |
| Configure credential mapping for a JDBC data source | | | | | | ~ | | | | | |
| System Status | System Properti | es: | | | | | | | The list of System Properties names passed to the JDBC driver i | | |
| Health of Running Servers | | | | | | - | | | to create physical database connections. For example: server = each property =value pair on a separate line. More Info | -dbserver1. List | |
| Failed (0) | | | | | | | | | | | |
| Critical (0) | | | | | | | | | | | |
| Overloaded (0) Warning (0) | | | | | | V | | | | | |
| | 🚰 Password: | | ••• | ••••• | ••••• | ••• | | | The password attribute passed to the JDBC driver when creatin database connections. More Info | ng physical | |
| | Confirm Passwor | d: | ••• | ••••• | ••••• | •• | | | | | |
| L | | | | | | | | | | | |

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 | Q | | | | | | | |
|---|---|---|--|--|--|--|--|--|--|
| Change Center | 💼 Home Log Out Preferences 🖾 Record Help | Welcome, weblogic Connected to: base_domain | | | | | | | |
| View changes and restarts | Home >Summary of JDBC Data Sources | | | | | | | | |
| Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain. | Messages | | | | | | | | |
| Settings for FCUBS_SchedulerDS | | | | | | | | | |
| Domain Structure base domain | Configuration Targets Monitoring Control Security Notes | | | | | | | | |
| Environment Deployments | Statistics Testing | | | | | | | | |
| Bervice Bervice Bervice President Stores Persident Stores Providers Work Contexts Work Contexts Work Contexts Work Contexts Work Contexts Work Contexts Work Contexts | Use this page to test database connectons in this JDBC data source. | | | | | | | | |
| XML Entity Caches jCOM Mail Sessions | Test Data Source | Showing 1 to 1 of 1 Previous Next | | | | | | | |
| -File T3 | Server | State | | | | | | | |
| How do I 🗉 | ManagedServer | Running | | | | | | | |
| Test JDBC data sources | Test Data Source | Showing 1 to 1 of 1 Previous Next | | | | | | | |
| Configure testing options for a JDBC data source | | | | | | | | | |
| System Status | | | | | | | | | |
| Health of Running Servers | | | | | | | | | |
| Failed (0) Critical (0) Overloaded (0) Warning (0) | | | | | | | | | |
| OK (2) | | | | | | | | | |

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

| ORACLE WebLogic Server [®] Administration Console | | | | | | |
|---|---|--|--|--|--|--|
| Change Center | 🟦 Home Log Out Preferences 🔤 Record Help | | | | | |
| View changes and restarts | Home >Summary of JDBC Data Sources | | | | | |
| Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain. | Messages ✓ Test of FCUBS_SchedulerDS on server ManagedServer was successful. | | | | | |
| | Settings for FCUBS_SchedulerDS | | | | | |
| Domain Structure base domain | Configuration Targets Monitoring Control Security Notes | | | | | |
| E-Environment | Statistics Testing | | | | | |
| -Services -Data Sources -Persistent Stores -Foreign JNDI Providers | Use this page to test database connections in this JDBC data source. | | | | | |
| Work Contexts | Customize this table | | | | | |
| XML Registries | Test Data Source (Filtered - More Columns Exist) | | | | | |
| јСОМ | Test Data Source | | | | | |
| File T3 | Server | | | | | |
| How do I | ManagedServer | | | | | |
| Test JDBC data sources | Test Data Source | | | | | |

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 Investor Servicing Installer.

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



3.4 Changing Gateway Data Source Password

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

3.4.1 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.



3.4.2 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.

| modity, acc or delete items in this domain. | Configuration Targets Mon | itoring Control Security Notes | |
|---|---------------------------------|--|---|
| Domain Structure | General Connection Pool C | Drade ONS Transaction Diagnostics Identity Options | |
| base_domain A B - Environment | Save | | |
| Deployments | | | |
| Hervices Hessaging Hessaging Hold Sources Persistent Stores Foreign INDI Providers Hord Contexts | are created when the connection | C data source contains a group of JOBC connections that applications rese pool is registered, usually when starting up WebLogic Server or when dep uration for this data source's connection pool. | rive, use, and then return to the pool. The connection pool and the connections within it loying the data source to a new target. |
| XML Registries XML Entity Caches jCOM | 街 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 |
| How do I | | | |
| Configure testing options for a JDBC data source | 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 |
| Configure the statement cache for a JDBC connection pool | | | |
| Configure credential mapping for a JDBC data source | | | |
| System Status | System Properties: | | The list of System Properties names passed to the JDBC driver that are used |
| Health of Running Servers Failed (0) Critical (0) Overloaded (0) Warning (0) Ok (2) | | | to create physical distabase connections. For example: server-ubserver1. 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 |
| | | | |

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.

| | Administration Console | | | | | | | |
|---|---|---------|--|--|--|--|--|--|
| Change Center | Home Log Out Preferences 🔤 Record Help | | | | | | | |
| View changes and restarts | Home >Summary of JDBC Data Sources >FCUBS_SchedulerDS >Summary of JDBC Data Sources >FCUBS_ELCMDs >Summary of JDBC Data Sources >F Sources >FLEXTEST.WORLD >Summary of JDBC Data Sources >FLEXTEST.WORLD | | | | | | | |
| Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain. | Messages Test of FLEXTEST. WORLD on server ManagedServer was successful. | | | | | | | |
| Domain Structure | Domain Structure Settings for FLEXTEST.WORLD | | | | | | | |
| base_domain | Configuration Targets Monitoring Control Security Notes | | | | | | | |
| Deployments Services | Statistics Testing | | | | | | | |
| Messaging Data Sources Persistent Stores Foreign JNDI Providers | Use this page to test database connections in this JDBC data source, | | | | | | | |
| Work Contexts XML Registries | | | | | | | | |
| XML Entity Caches jCOM Mail Sessions | Test Data Source (Filtered - More Columns Exist) | | | | | | | |
| File T3 | Server | State | | | | | | |
| How do I | ManagedServer | Running | | | | | | |
| Test JDBC data sources | | | | | | | | |
| Configure testing options for a JDBC data source | | | | | | | | |

- 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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