

Oracle FLEXCUBE Password Change  
Oracle FLEXCUBE Investor Servicing  
Release 14.0.0.0.0  
[May] [2018]



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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>	<i>About this Manual</i> acquaints you quickly with the purpose, organization and the audience of the manual.
<b>Chapter 2</b>	<i>Oracle FLEXCUBE Password Change</i> gives an outline of the processes involved in changing the passwords of various data sources.
<b>Chapter 3</b>	<i>Changing Passwords in Oracle WebLogic</i> describes the method of changing data source passwords from Oracle WebLogic application server.
<b>Chapter 4</b>	<i>Changing Passwords in IBM Websphere</i> describes the method of changing data source passwords from IBM Websphere application server.
<b>Chapter 5</b>	<i>Server Password Change</i> 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

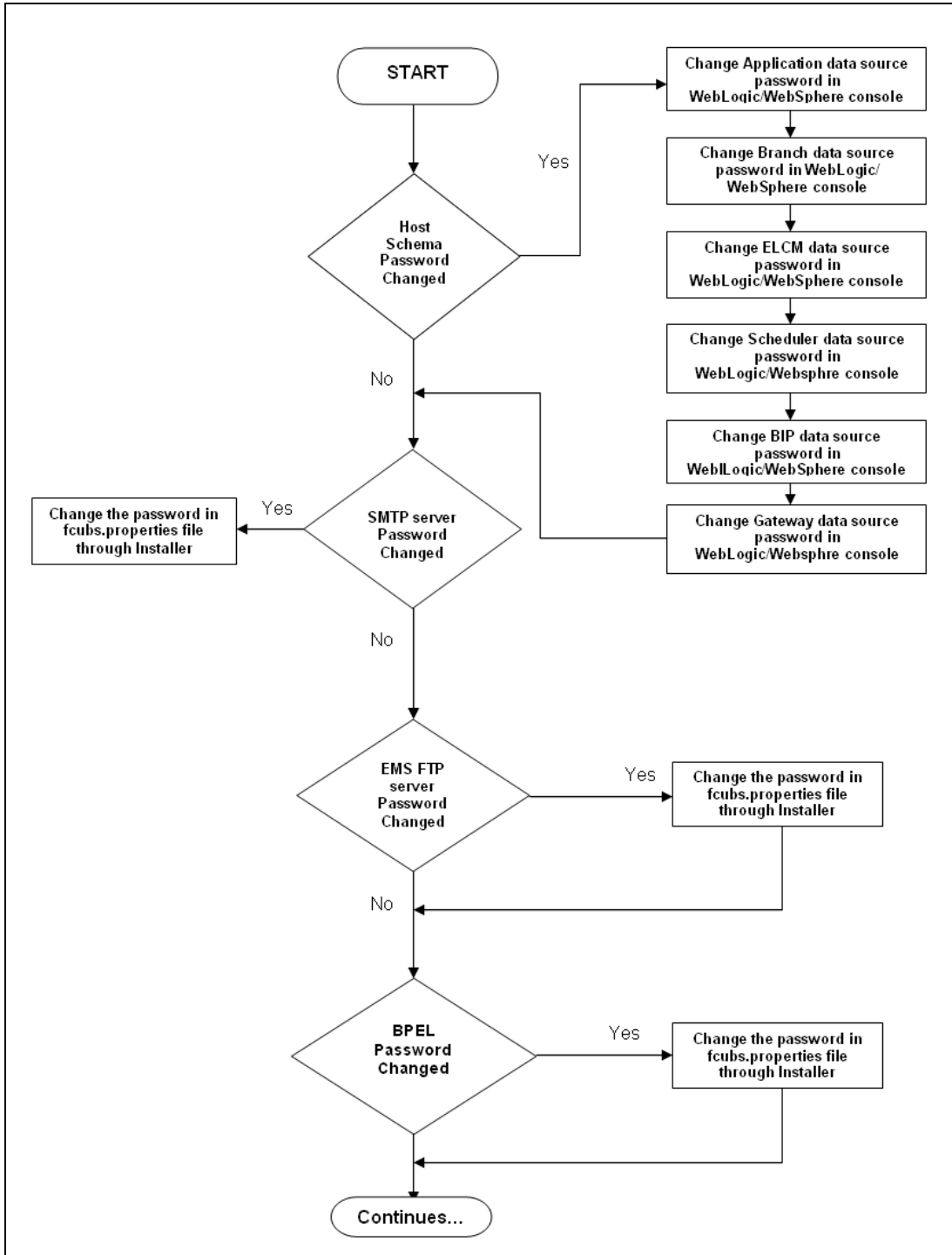
### 2.1 Introduction

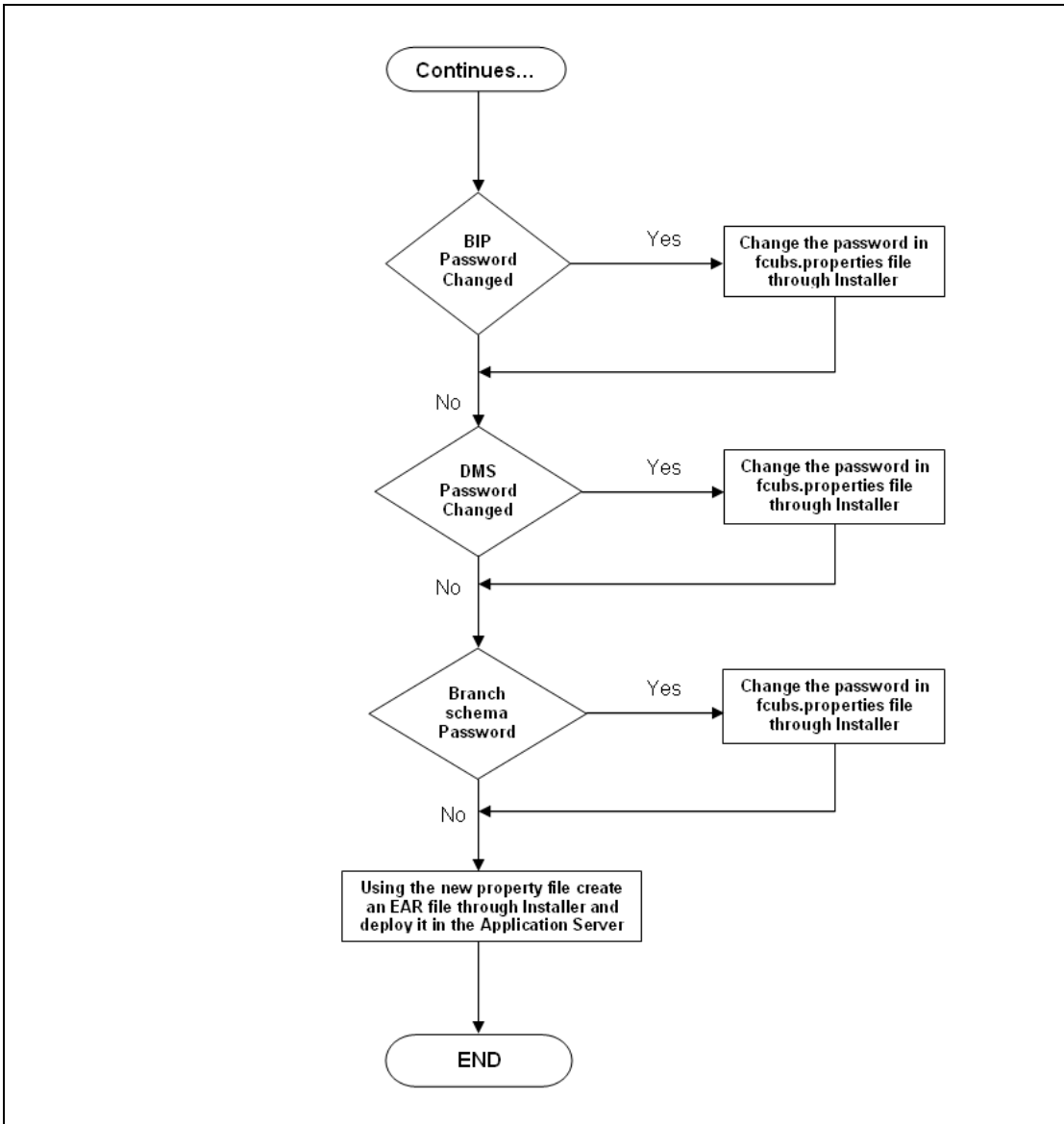
This chapter explains the process of changing the passwords of data sources associated with Oracle FLEXCUBE.

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

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

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





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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:

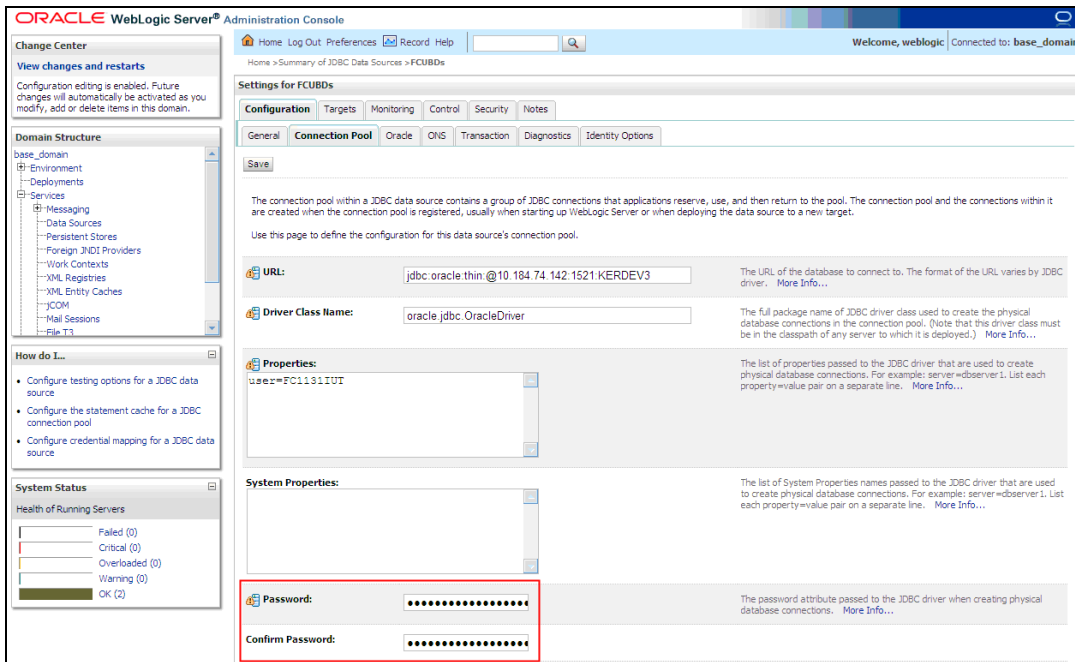
1. Determine the downtime for the password change and test activities.
2. Inform all concerned users and groups.
3. Ensure that all users have logged out of Oracle FLEXCUBE system.
4. Stop Oracle FLEXCUBE application.
5. Stop the target server to which the data sources point. To stop the target server, 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/fc/devDS*.
4. Select 'Connection Pool' tab.



5. Change the password. Use the following fields:

**Password**

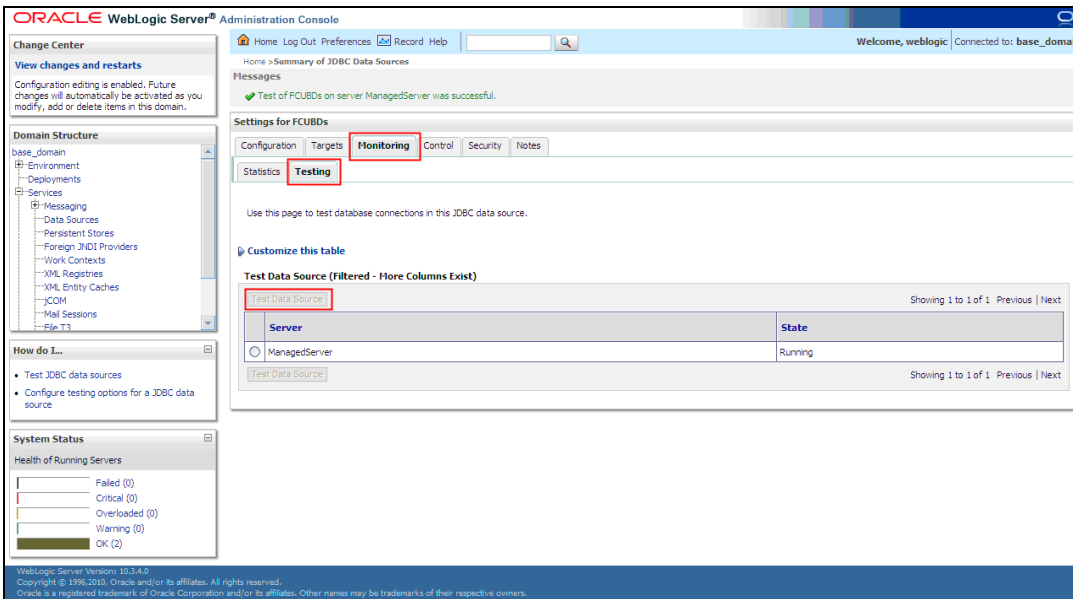
Specify the new password.

**Confirm Password**

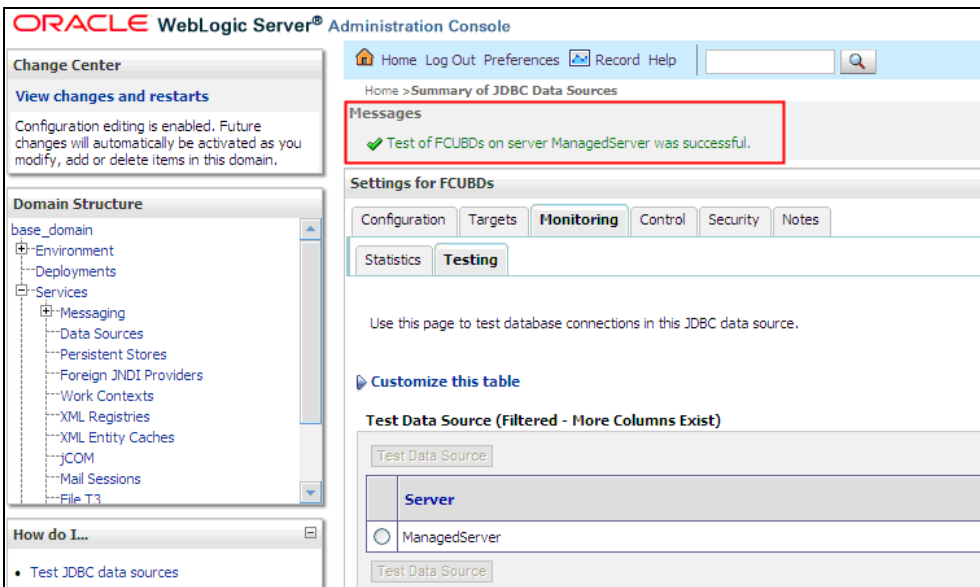
Specify the new password again.



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.

**STOP** 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.

Name	Value
Username	installer
Password	••••••••
Connect String	testdb
IP Address	10.10.10.10
Port	1521


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:

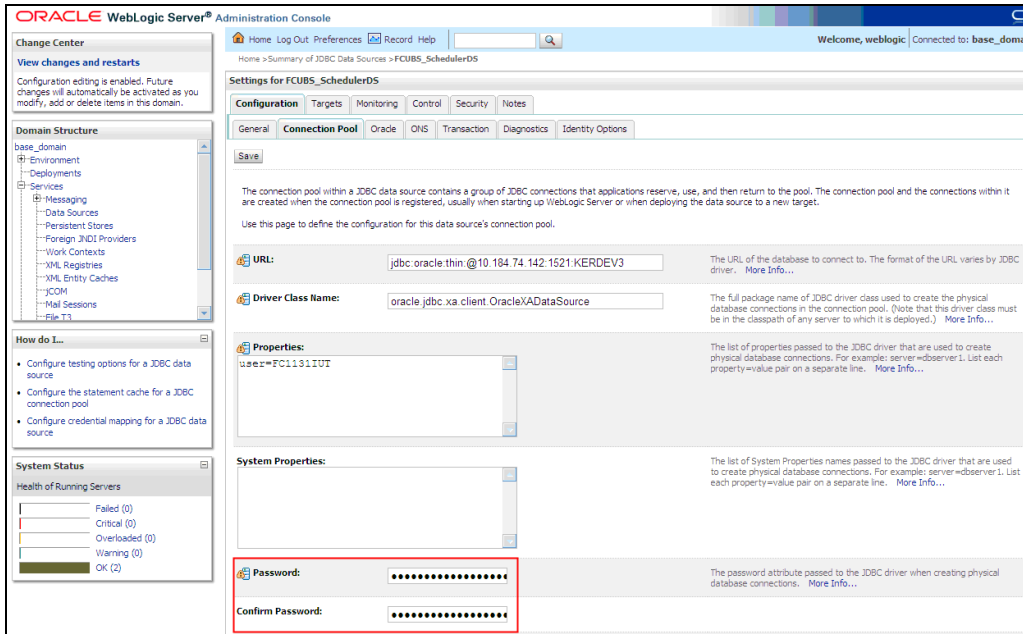
1. Determine the down time for the password change activity.
2. Inform all concerned users and groups.
3. Ensure that all users have logged out of Oracle FLEXCUBE system.
4. Stop Oracle FLEXCUBE application.
5. Stop the target server to which the data sources point. To stop the target server, follow 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.



5. Change the password. Use the following fields:

#### Password

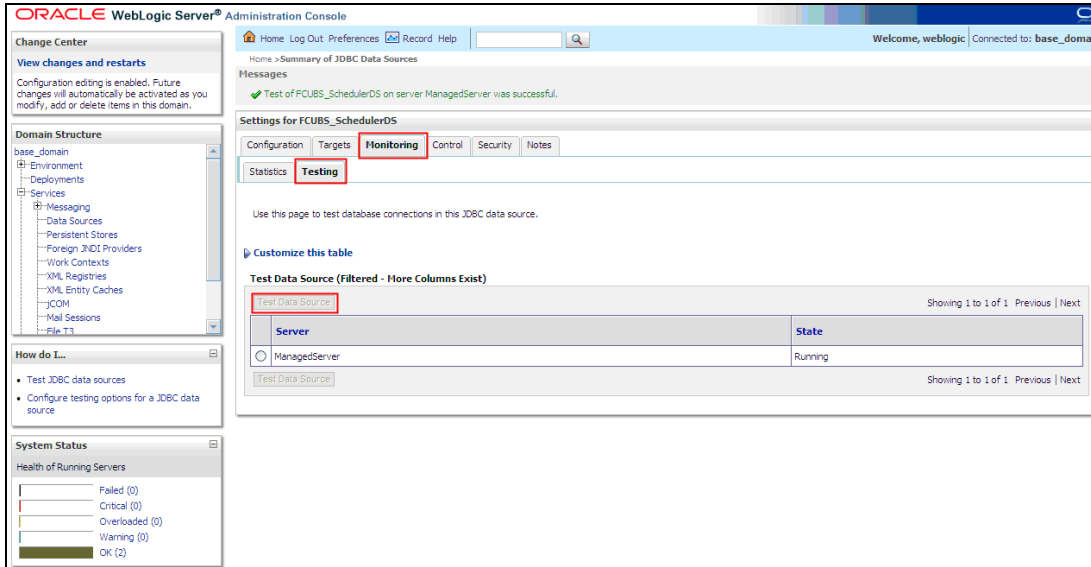
Specify the new password.

#### Confirm Password

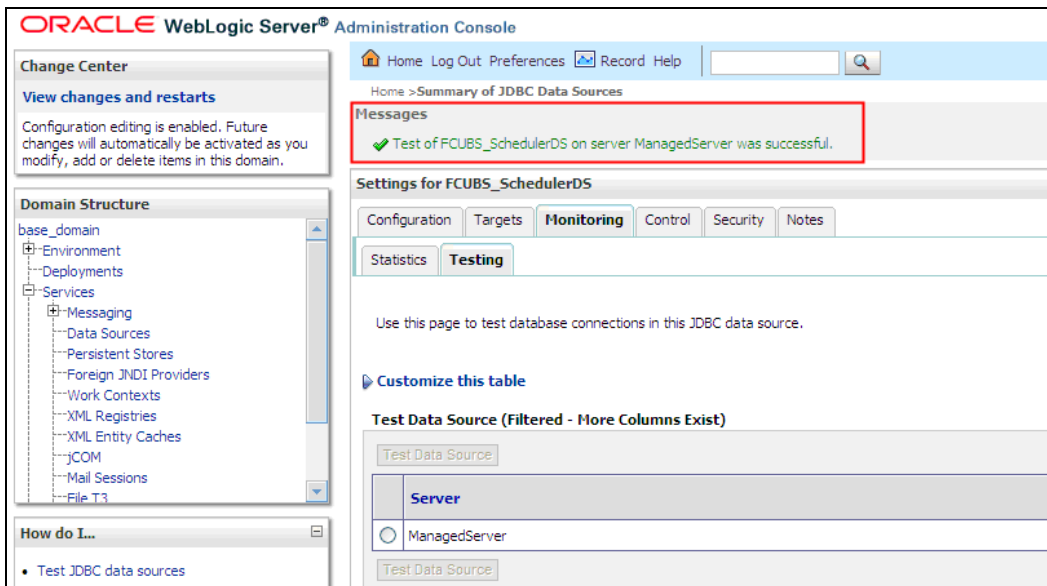
Specify the new password again.

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.



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.

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

## 3.4 Changing BI Publisher Data Source Password

You need to change the password of the BI Publisher data source.

### 3.4.1 Prerequisites

Before you change the password of BI Publisher 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:
6. Login to Oracle WebLogic application server
7. Go to **Home > Environments > Servers**
8. Select and stop the server and clicking 'Stop' button.
9. This completes the prerequisites.

### 3.4.2 Changing BI Publisher Data Source Password

To change the BI Publisher data source password, follow the steps given below:

1. Log in to BI Publisher server.
2. Go to Admin > JDBC > Update Data Source.

The screenshot shows the Oracle BI Publisher Enterprise Admin console. The breadcrumb navigation is 'Admin > JDBC > Update Data Source: Oracle BI EE'. The page title is 'Update Data Source: Oracle BI EE'. There are 'Cancel' and 'Apply' buttons in the top right. The 'General' tab is selected, and a tip says 'Please make sure to install the required JDBC driver classes.' The configuration fields are: Data Source Name (Oracle BI EE), Driver Type (Oracle BI Server), Database Driver Class (oracle.bi.jdbc.AnaJdbcDriver), Connection String (jdbc:oraclebi://HOST:PORT/), Username (Administrator), and Password (masked with dots). There are 'Pre Process Function' and 'Post Process Function' fields, a 'Use Proxy Authentication' checkbox, and a 'Test Connection' button. The 'Security' tab is also visible, showing 'Available Roles' and 'Allowed Roles' lists with 'Move', 'Move All', 'Remove', and 'Remove All' buttons.

3. Choose the data source whose password needs to be modified.
4. Modify the following field:

#### **Password**

Specify the new password.

5. Click 'Apply' button.
6. Restart the application server.
7. Start Oracle FLEXCUBE.
8. Log in to Oracle FLEXCUBE. Generate a sample report to test.



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

## 3.5 Changing Oracle Business Intelligence Enterprise Edition Schema Password

You need to change the password of the Oracle Business Intelligence Enterprise Edition (OBIEE) data sources.

### 3.5.1 Prerequisites

Before you change the password of BI Publisher 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.

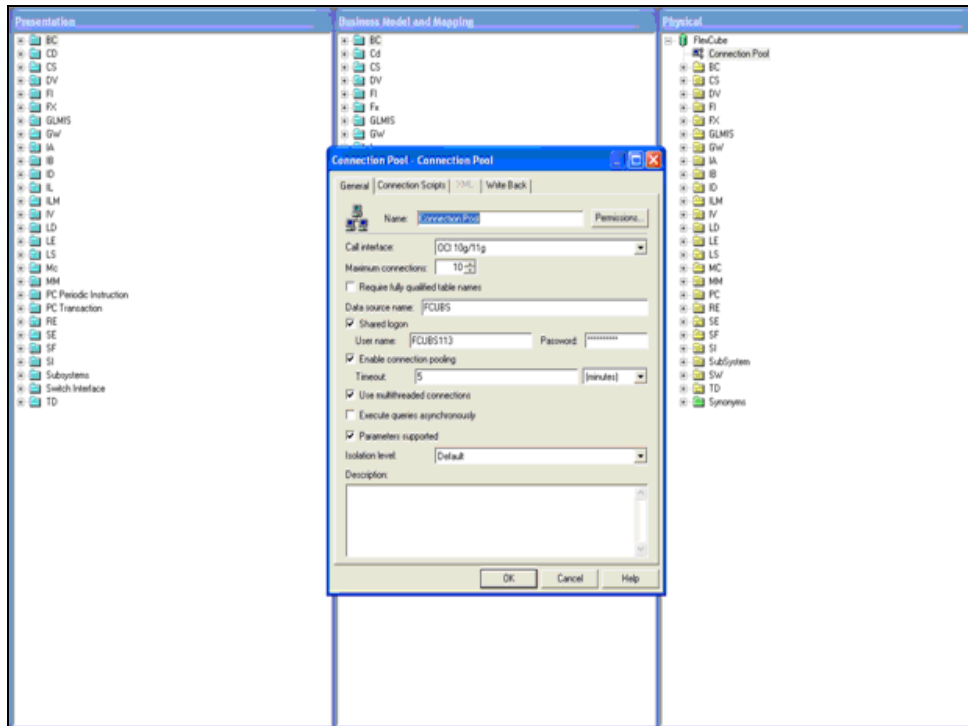
This completes the prerequisites.




### 3.5.2 Changing BI Publisher Data Source Password

To change the OBIEE data source password, follow the steps given below:

1. Login in to OBIEE Administrative console.
2. Go to Database created > Connection Pool. You will get 'Connection Pool' window.



3. Change the password. You will be prompted to re-enter the password. Click 'OK'.
4. Restart the application server.
5. Start Oracle FLEXCUBE.
6. Log in to Oracle FLEXCUBE. Generate a sample report to test.

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

## 3.6 **Changing Gateway Data Source Password**

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

### 3.6.1 **Prerequisites**

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

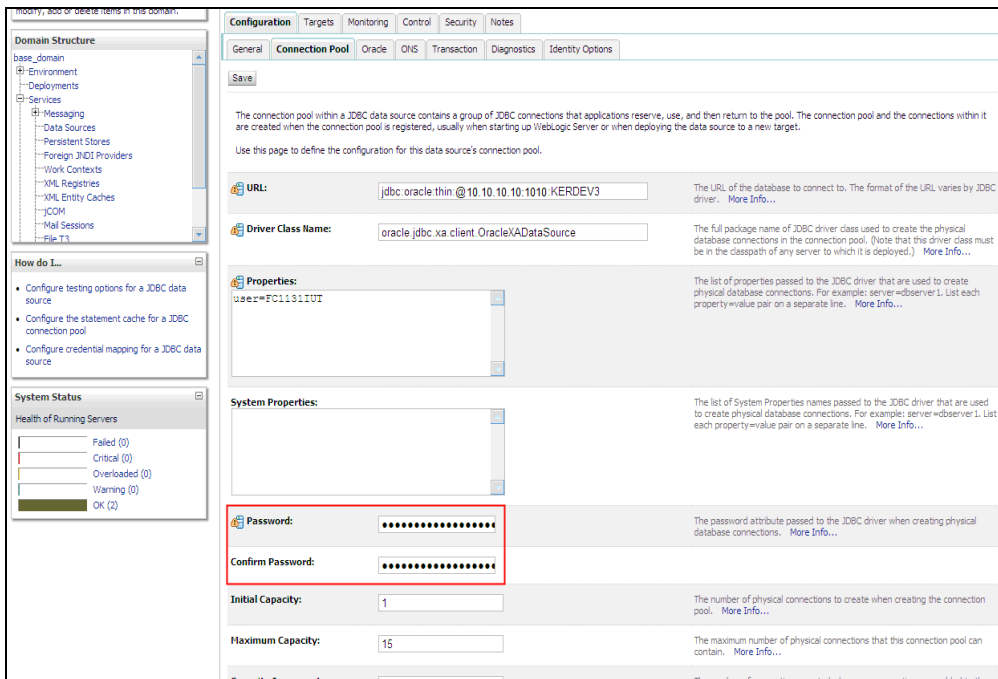
1. Determine the down time for the password change activity.
2. Inform all concerned users and groups.
3. Ensure that all users have logged out of Oracle FLEXCUBE system.
4. Stop Oracle FLEXCUBE application.
5. Stop the target server to which the data sources point. To stop the target server, follow 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.

### 3.6.2 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.



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 interface. The breadcrumb trail indicates the path: Home > Summary of JDBC Data Sources > FCUBS\_SchedulerDS > Summary of JDBC Data Sources > FCUBS\_ELCMDs > Summary of JDBC Data Sources > Sources > FLEXTTEST.WORLD > Summary of JDBC Data Sources > FLEXTTEST.WORLD. A message box displays a green checkmark and the text: "Test of FLEXTTEST.WORLD on server ManagedServer was successful." The "Monitoring" tab is selected, and the "Testing" sub-tab is active. A table titled "Test Data Source (Filtered - More Columns Exist)" shows a single entry for "ManagedServer" with a "State" of "Running".

Test Data Source	Server	State
Test Data Source	ManagedServer	Running

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. Changing Passwords in IBM Websphere

### 4.1 Introduction

This chapter describes the methods of changing passwords of data sources from IBM Websphere application server.

### 4.2 Changing Host Schema Password

This section explains the method to change the password of Oracle FLEXCUBE Host schema in IBM Websphere application server. If you change the host schema password, you also need to change the passwords of the data sources pointing to the host schema.

#### 4.2.1 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 the target server to which the data sources point.
5. Stop Oracle FLEXCUBE application

This completes the prerequisites.

## 4.2.2 Changing Host Schema Password

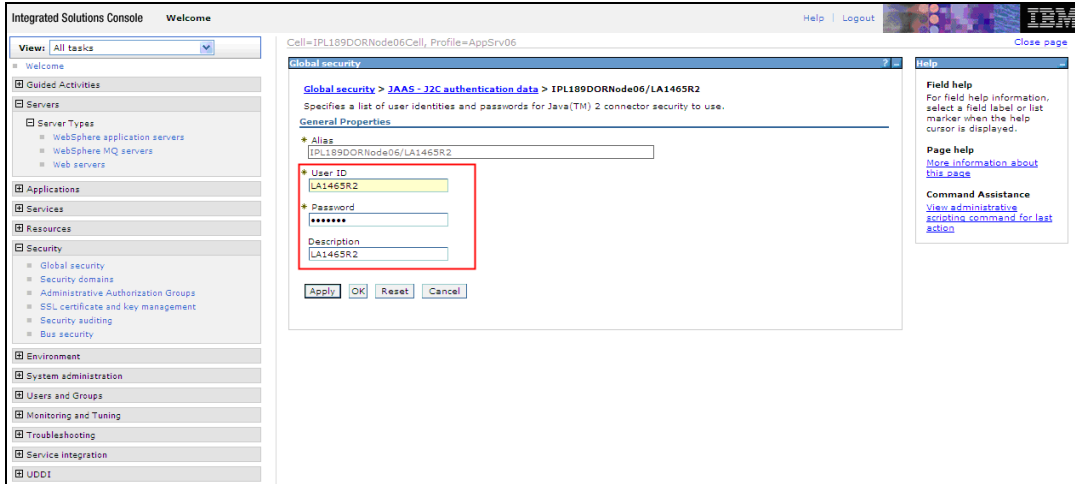
You need to change the password of Host Schema data source. Follow the steps given below.

1. Login to IBM Websphere application server

2. Go to Security > Global Security > Java Authentication and Authorization Schema > J2C Authentication Data.

Select	Alias	User ID	Description
<input type="checkbox"/>	IP1189DORNode06/LA1465R2	LA1465R2	LA1465R2
Total 1			

3. You will notice a table showing the list of JDBC sources. Choose the node used by host schema data source.



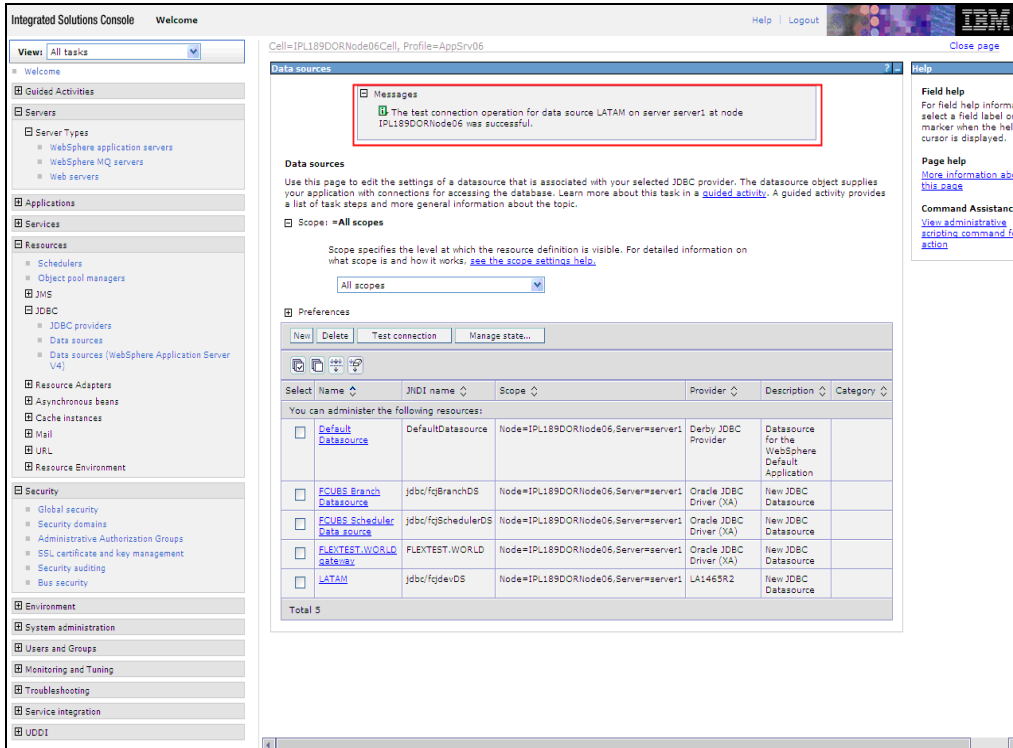
4. Specify the new password and click 'Apply' button. Click 'OK'.

### 4.2.3 Testing Host Schema Password Change

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


1. Login to IBM Websphere application server
2. Go to Home > Resources > JDBC >Data Sources. You will notice a table that contains the list of all data sources created in the application server.
3. Select the data source *jdbc/fcjdevDS*.
4. Select 'Test Connection' tab.

5. The screen displays a message confirming successful testing.



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

7. Start Oracle FLEXCUBE. Log in 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.

## 4.3 Changing Scheduler Data Source Password

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

### 4.3.1 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.

This completes the prerequisites.



## 4.3.2 Changing Scheduler Data Source Password

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

1. Login to IBM Websphere application server

Integrated Solutions Console Welcome admin

Cell=DDHP0520Node01Cell, Profile=AppSrv01

### Global security

Use this panel to configure administration and the default application security policy. This security configuration applies to the security policy for all administrative functions and is used as a default security policy for user applications.

Security Configuration Wizard | Security Configuration Report

**Administrative security**

- Enable administrative security
  - Administrative user roles
  - Administrative group roles
  - Administrative authentication

**Application security**

- Enable application security

**Java 2 security**

- Use Java 2 security to restrict application access to local resources
  - Warn if applications are granted custom permissions
  - Restrict access to resource authentication data

**User account repository**

Current realm definition

Federated repositories

Available realm definitions

Federated repositories | Configure... | Set as current

Apply | Reset

**Authentication**

Authentication mechanisms and expiration

- LTPA
- Kerberos and LTPA  
(This function is currently disabled. See the IBM Support site for possible future updates.)  
Kerberos configuration
- SWAM (deprecated): No authenticated communication between servers  
Authentication cache settings

Web and SIP security

RMJ/IIOP security

- Java Authentication and Authorization Service
  - Application logins
  - System logins
  - J2C authentication data
- Use realm-qualified user names

Security domains

External authorization providers

Custom properties

2. Go to Security > Global Security > Java Authentication and Authorization Schema > J2C Authentication Data.

Integrated Solutions Console Welcome

Cell=IPL189DORNode06Cell, Profile=AppSrv06

### Global security

Global security > JAAS - J2C authentication data

Specifies a list of user identities and passwords for Java(TM) 2 connector security to use.

- Prefix new alias names with the node name of the cell (for compatibility with earlier releases)

Apply

Preferences

New | Delete

Select	Alias	User ID	Description
<input type="checkbox"/>	ID1189DORNode06/LA1465R2	LA1465R2	LA1465R2
Total: 1			

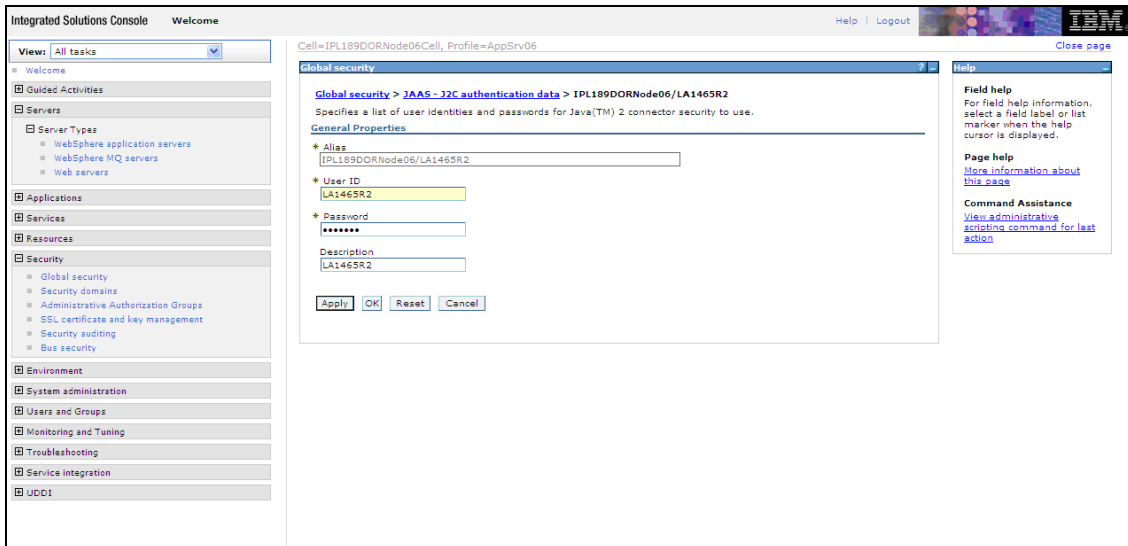
Help

Field help  
For field help information, select a field label or list marker when the help cursor is displayed.

Page help  
More information about this page

Command Assistance  
View administrative scripting commands for this action

- You will notice a table showing list of JDBC sources choose the node which is used by Oracle FLEXCUBE application.



- Specify the new password in the text field and click on Apply and then click on ok.

### 4.3.3 Testing Scheduler Data Source Password Change

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

- Login to IBM Websphere application server
- Go to Home > Resources > JDBC>Data Sources. You will notice a table that contains the list of all data sources created in the application server.
- Select the data source *jdbcfcjSchedulerDS*.
- Click 'Test connection' tab.

5. The screen displays a message confirming successful testing.

The screenshot shows the Integrated Solutions Console interface. A message box at the top states: "The test connection operation for data source FCUBS Scheduler Data source on server server1 at node IPL189DORNode06 was successful." Below this, the "Data sources" section is visible, containing a table of resources. The table has columns for Name, JNDI name, Scope, Provider, Description, and Category. The resources listed are Default Datasource, FCUBS Branch Datasource, FCUBS Scheduler Data source, FLEXTST.WORLD gateway, and LATAM.

Select	Name	JNDI name	Scope	Provider	Description	Category
<input type="checkbox"/>	Default Datasource	DefaultDatasource	Node=IPL189DORNode06.Server=server1	Derby JDBC Provider	Datasource for the WebSphere Default Application	
<input type="checkbox"/>	FCUBS Branch Datasource	jdbc/fqBranchDS	Node=IPL189DORNode06.Server=server1	Oracle JDBC Driver (XA)	New JDBC Datasource	
<input type="checkbox"/>	FCUBS Scheduler Data source	jdbc/fqSchedulerDS	Node=IPL189DORNode06.Server=server1	Oracle JDBC Driver (XA)	New JDBC Datasource	
<input type="checkbox"/>	FLEXTST.WORLD gateway	FLEXTST.WORLD	Node=IPL189DORNode06.Server=server1	Oracle JDBC Driver (XA)	New JDBC Datasource	
<input type="checkbox"/>	LATAM	jdbc/fqdevDS	Node=IPL189DORNode06.Server=server1	LA1465R2	New JDBC Datasource	

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

7. Start Oracle FLEXCUBE. Log in 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.

## 4.4 Changing Gateway Password

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

### 4.4.1 Prerequisites

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

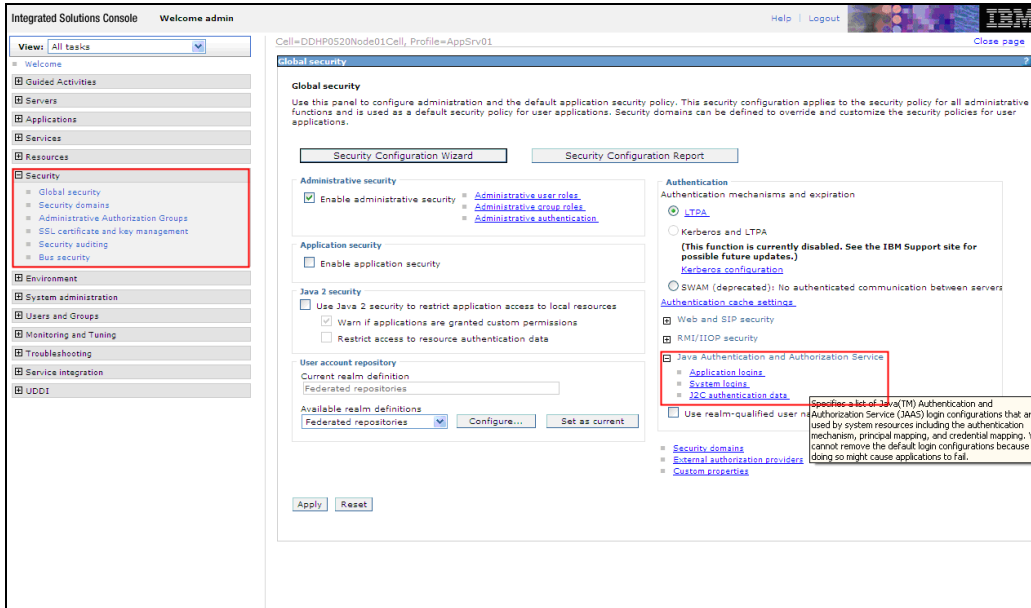
1. Determine the down time for the password change activity.
2. Inform all concerned users and groups.
3. Stop the target server to which the data sources point.
4. Ensure that all users have logged out of Oracle FLEXCUBE system
5. Stop Oracle FLEXCUBE application

This completes the prerequisites.

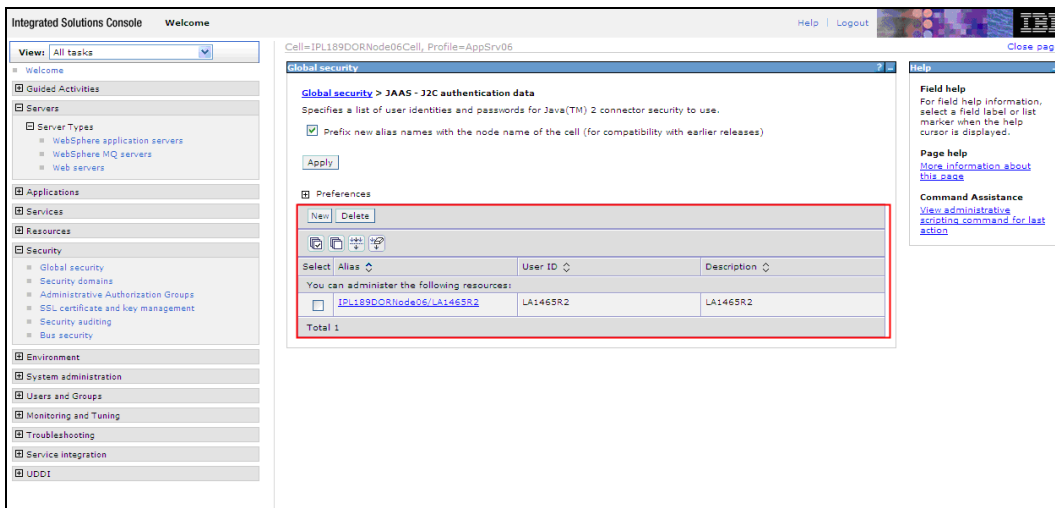
## 4.4.2 Changing Gateway Data Source Password

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

1. Log in to IBM Websphere application server.
2. Go to Security > Global Security > Java Authentication and Authorization Schema > J2C Authentication Data.



3. You will notice a table showing list of JDBC Sources choose the one which is been used by Gateway data source.



4. Specify the new password in the text field and click on Apply and then click on ok.

### 4.4.3 Testing Gateway Data Source Password Change

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

1. Log in to IBM Websphere application server.
2. Go to Home > Resources > JDBC > Data Sources. You will notice a table that contains the list of all data sources created in the application server.
3. Select the data source *FLEXTEST.WORLD*
4. Select 'Test Connection' tab.
5. The screen displays a message confirming successful testing.

The screenshot shows the IBM Integrated Solutions Console interface. The left sidebar contains a navigation tree with categories like Servers, Applications, Services, Resources, and Security. The main content area is titled 'Data sources' and shows a message box with a green checkmark and the text: 'The test connection operation for data source FLEXTEST.WORLD gateway on server server1 at node IPL189DORNode06 was successful.' Below the message, there is a table of data sources.

Select	Name	JNDI name	Scope	Provider	Description	Category
<input type="checkbox"/>	<a href="#">Default Datasource</a>	DefaultDatasource	Node=IPL189DORNode06.Server=server1	Derby JDBC Provider	Datasource for the WebSphere Default Application	
<input type="checkbox"/>	<a href="#">FLEXTEST.WORLD</a>	FLEXTEST.WORLD	Node=IPL189DORNode06.Server=server1	Oracle JDBC Driver (XA)	New JDBC Datasource	
<input type="checkbox"/>	<a href="#">FLEXTEST.WORLD</a>	FLEXTEST.WORLD	Node=IPL189DORNode06.Server=server1	Oracle JDBC Driver (XA)	New JDBC Datasource	
<input type="checkbox"/>	<a href="#">LATAI</a>	jdbc/fqdevDS	Node=IPL189DORNode06.Server=server1	LA1465R2	New JDBC Datasource	

6. Once you get the message, restart the application server.
7. 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.



Oracle FLEXCUBE Password Change  
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