Oracle FLEXCUBE Password Change Oracle FLEXCUBE Universal Banking Release 14.0.0.0.0 [December] [2017]



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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.
Chapter 4	Changing Passwords in IBM Websphere describes the method of changing data source passwords from IBM Websphere application server.
Chapter 5	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



# 2. Oracle FLEXCUBE Password Change

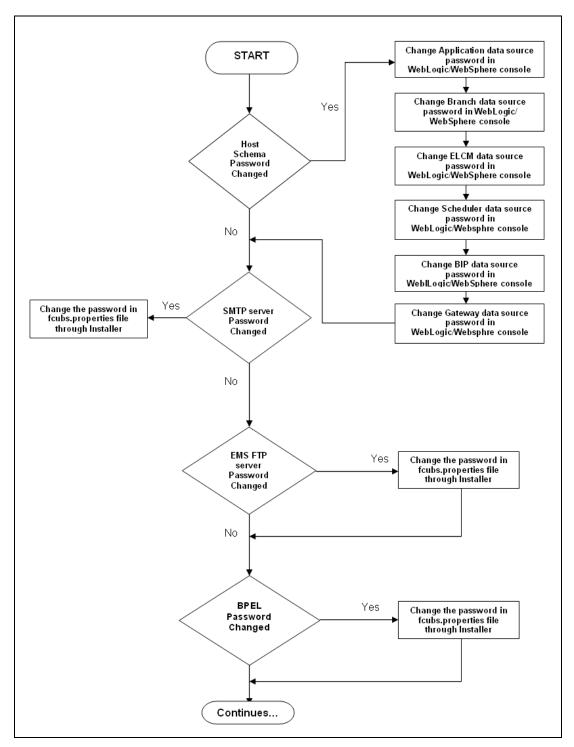
## 2.1 Introduction

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:

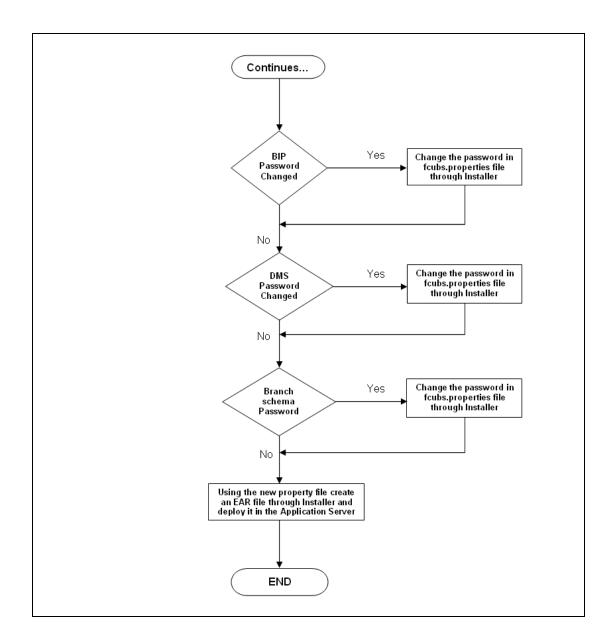
- Oracle FLEXCUBE Host Schema
- Scheduler Data Source
- ELCM Data Source
- BI Publisher Data Source
- Gateway Data Source
- Branch Data Source





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







# 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.



	dministratio	on Console								õ	
Change Center	ሰ Home L	.og Out Preference	s 🔤 Reco	ord Help			2		Welcome, webla	gic Connected to: base_domain	
View changes and restarts	Home >Sur	mmary of JDBC Data !	Sources > FC	UBDs							
Configuration editing is enabled. Future	Settings for FCUBDs										
changes will automatically be activated as you modify, add or delete items in this domain.	Configura	Configuration Targets Monitoring Control Security Not									
Domain Structure	General	Connection Pool	Oracle	ONS	Transaction	Diagnostics	Identity Options				
base_domain  B=Environment Deployments D=Services B=Messaging D=Data Sources D=Persistent Stores	are create		tion pool is r	registered	l, usually whe	en starting up	WebLogic Server or w		and then return to the pool. The connection poo data source to a new target.	i and the connections within it	
Foreign JNDI Providers Work Contexts XML Registries XML Entity Caches	(c) URL: jdbc:oracle:thin:@10.184.74.142.1521:KERDE							The URL of the database to connect to. The format of the URL varies by JDBC driver. More Info			
	Briver Class Name:     oracle.jdbc.O/acleDriver								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 L Configure testing options for a JDBC data source Configure the statement cache for a JDBC correction pool Configure credential mapping for a JDBC data source	<b>de Prope</b> user=Fi	rties: C1131IUT							The list of properties passed to the JDBC drive physical database connections. For example: property-walue par on a separate line. Mor	server=dbserver1. List each	
System Status         Image: Control of Running Servers           Failed (0)         Critical (0)           Critical (0)         Overhoaded (0)           Warning (0)         Warning (0)	System P	roperties:							The list of System Properties names passed to to create physical database connections. For each property=value pair on a separate line.	example: server=dbserver1. List	
OK (2)	👍 Passw	vord:	••	•••••	••••	•••			The password attribute passed to the JDBC de database connections. More Info	iver when creating physical	
	Confirm P	'assword:	••	•••••	•••••	•••					

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.



	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 # Test of FCUBDs on server ManagedServer was successful.						
Settings for FCUBDs							
Domain Structure	Configuration Targets Monitoring Control Security Notes						
base_domain  Environment  Deployments	Statistics Testing						
E-Services E-Messaging Data Sources Persistent Stores	Use this page to test database connections in this JDBC data source.						
Foreign JNDI Providers Work Contexts	₽ Customize this table						
XML Registries XML Entity Caches jCOM Mail Sessions	Test Data Source (Filtered - Hore Columns Exist)	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					
<ul> <li>Configure testing options for a JDBC data source</li> </ul>							
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 affiliates. 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.

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 FCUBDs on server ManagedServer was successful.							
	Settings for FCUBDs							
Domain Structure	Configuration Targets Monitoring Control Security Notes							
base_domain	Statistics Testing Use this page to test database connections in this JDBC data source. Customize this table Test Data Source (Filtered - More Columns Exist)							
XML Entity Caches jCOM	Test Data Source							
Mail Sessions								
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.



## 3.2.3 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 Universal Banking Solution Installer, load the existing property file. Go to the step where you can define the branch properties.

Oracle FLEXCUBE Universal Installer								
Oracle FLEXCUBE Universal Banking								
Database Installation Provide schema details.								
Name Value								
Username	installer							
Password	•••••							
Connect String	testdb							
IP Address	10.10.10							
Port	1521							
Test Connection								
Log	Back	Next Exit						

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.

ORACLE WebLogic Server® A	dministration Console							Q		
Change Center	🔒 Home Log Out Prefe	rences 🔤 Recor	rd Help		2		Welcome, weblogi	Connected to: base_domain		
View changes and restarts Home > Summary of JDBC Data Sources > FCUBS_SchedulerDS										
Configuration editing is enabled. Future changes will automatically be activated as you	Settings for FCUB5_SchedulerDS									
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					
base_domain B-Environment C-Deployments	Save									
Services     Horssaging     Data Sources     Persistent Stores	The connection pool within a IDBC data source contains a group of IDBC 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 Senver 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	الله URL:	jdbi	c: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			
jCOM Mail Sessions File T3	🏀 Driver Class Name	: ora	cle.jdbc.xa.client.	OracleXADat	data	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 L Configure testing options for a JDBC data source Configure the statement cache for a JDBC connection pool Configure credential mapping for a JDBC data	∰ Properties: user=FC1131IUT			phys	The lot of properties passed to the JDBC driver that are used to create physical database connections. For example: server =Coserver 1. List each property =value pair on a separate line. More Info					
source										
System Status         E           Health of Running Servers         Falled (0)           Critical (0)         Critical (0)           Overloaded (0)         Warming (0)	System Properties:					to cr	list of System Properties names passed to th each physical database connections. For exc property=value pair on a separate line. M	ample: server=dbserver1. List		
OK (2)	🗿 Password:	•••	•••••	•••	The data	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									
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: base_domain							
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 Delety of the structure Delety of the structure De	Home > Summary of JDBC Data Sources  Messages  Test of FCUBS_SchedulerDS on server ManagedServer was successful.  Settings for FCUBS_SchedulerDS  Configuration Targets Honitoring Control Security Notes  Statistics Testing  Use this page to test database connections in this JDBC data source.  Customize this table								
Work Contexts XML Registries XML Entity Caches YML Entity Caches Hier TR File TR File TR	Test Data Source (Filtered - More Columns Exist) Test Data Source Server	Showing 1 to 1 of 1 Previous   Next State							
How do I 🖂	O 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 <sup>®</sup> Administration Console							
Change Center	🟦 Home Log Out Preferences 🔤 Record Help						
View changes and restarts Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Home >Summary of JDBC Data Sources Messages  Test of FCUBS_SchedulerDS on server ManagedServer was successful.						
Domain Structure base domain	Settings for FCUBS_SchedulerDS Configuration Targets Monitoring Control Security Notes						
Environment     Deployments	Statistics Testing						
-Services    Messaging    Data Sources    Persistent Stores    Foreign JINDI Providers    Work Contexts	Use this page to test database connections in this JDBC data source.						
XML Registries	Test Data Source (Filtered - More Columns Exist)						
XML Entity Caches jCOM	Test Data Source						
File T3	Server						
How do I 🗆	O 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 Universal Banking Solution Installer.

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

## 3.4 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.



	dministration Console	•								õ
Change Center	🔞 Home Log Out Pre	ferences 🔛 Rec	ord Help			Q			Welcome, weblogic	Connected to: base_domain
View changes and restarts	Home >Summary of JDE	C Data Sources > P	CUBS_Sche	dulerDS >Sun	nmary of JDB	Data Sources > FCUB	S_ELCMDs			
Configuration editing is enabled. Future changes will automatically be activated as you	Settings for FCUBS_ELCMDs									
modify, add or delete items in this domain.	Configuration Targets Monitoring Control Security Notes									
Domain Structure	General Connection	n Pool Oracle	ONS	Transaction	Diagnostic	s Identity Options				
base_domain	Save									
Deployments										
⊕-Services     ⊕-Messaging							tions reserve, use, and when deploving the da			nd the connections within it
Data Sources	Use this page to defin		-			-	when deploying the da	ta source to a new ta	igen	
Persistent Stores Foreign JNDI Providers	Use this page to defin	e the configuration	1 for this da	sta source's c	connection po	0.				
Work Contexts XML Registries	街 URL:	id	bc:oracle	thin:@10.		The URL of the database to connect to. The format of the URL varies by JDBC				
XML Entity Caches					d	river. More Info				
Mail Sessions	縃 Driver Class Nan	ne: or	acle.jdbc	OracleDriv	er				of JDBC driver class used to the connection pool. (No	to create the physical te that this driver class must
File T3							b	e in the classpath of a	any server to which it is de	oloyed.) More Info
How do I 🖂	Froperties:								assed to the JDBC driver ti	
Configure testing options for a JDBC data source	user=FC1131IU				_				nections. For example: ser n a separate line. More Ir	
<ul> <li>Configure the statement cache for a JDBC connection pool</li> </ul>										
<ul> <li>Configure credential mapping for a JDBC data source</li> </ul>										
	System Properties:						т	'he liet of Svetem Proc	erties names naceed to th	a JDBC driver that are used
System Status	System roperacs.				_		t	o create physical data		mple: server=dbserver1. List
Health of Running Servers								sour property - voice p	an orrelacionate inter inte	ale internet
Failed (0) Critical (0)										
Overloaded (0)					-					
Warning (0) OK (2)	-									
	街 Password:	•	•••••	•••••				he password attribute latabase connections.	e passed to the JDBC drive More Info	r when creating physical
	Confirm Password:	•	•••••	•••••						

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.

ORACLE WebLogic Server <sup>®</sup> Administration Console							
Change Center	🔒 Home Log Out Preferences 🔤 Record Help						
View changes and restarts Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Home >Summary of JDBC Data Sources >FCUBS_SchedulerDS >Summary of JDBC Data Sources >FCUBS_ELCMDs > Messages  Test of FCUBS_ELCMDs on server ManagedServer was successful.						
Domain Structure	Settings for FCUBS_ELCMDs						
base_domain	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)						
XML Entity Caches 	Test Data Source						
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 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 BI Publisher Data Source Password

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

### 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:
- 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.

### 3.5.2 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.



Reports Schedules Admin	Welcome, administrator Preferences Sign Out Help
Admin > JDBC > Update Data Source: Oracle BLEE	
Update Data Source: Oracle BI EE	
	Cancel Apply
General	
$\mathscr{C}TIP$ Please make sure to install the required JDBC driver classes.	
Data Source Name	Oracle BT FE
	Oracle BI Server
	oracle.bi.jdbc.AnaJdbcDriver
	(Example: oracle.jdbc.OracleDriver )
* Connection String	jdbc:oraclebi://HOST:PORT/
	₩.
* Username	Administrator
Password	•••••
Pre Process Function	
Post Process Function	
10511100051101000	Use Proxy Authentication
	Test Connection
	rest connection
Security	
	Available Roles Allowed Roles
	Move 💿
	Move All
	S Remove
	Remove All

- 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.

## 3.6 <u>Changing Oracle Business Intelligence Enterprise</u> <u>Edition Schema Password</u>

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

### 3.6.1 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.

### 3.6.2 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.

Presentation	Business Model and Mapping	Physical
KC     Solution     Solut	BC     BC	Derechte     Extraction Phol     Extract

- 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.



## 3.7 Changing Gateway Data Source Password

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

## 3.7.1 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.

## 3.7.2 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, add or delete items in this domain.								
mouny, and or delete items in this domain.	Configuration	n Targets M	Ionitoring	Control	Security	Notes		
Domain Structure	General Co	onnection Pool	Orade	ONS	Transaction	Diagnostics	Identity Options	5
base_domain	are created v		ion pool is r	egistered	, usually whe	of JDBC conne n starting up V	ctions that applicatic /ebLogic Server or w	tions reserve, use, and then return to the pool. The connection pool and the connections within it when deploying the data source to a new target.
Work ContextsXML RegistriesXML Entity Caches	④ URL:		jdbc:oracle:thin:@10.10.10.10:1010:KERDEV3			10.10.10:101	0:KERDEV3	The URL of the database to connect to. The format of the URL varies by JDBC driver. More Info
How do Ly	街 Driver Cl	de Driver Class Name: oracle jdbc xa.client.OracleXADataSource				DracleXAData	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	
	A Propertie	0.51						The list of properties 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=FC1							physical database connections. For example: server-doserver1. List each property-walue par on a separate line. More Info
System Status	System Prop	perties:						The list of System Properties names passed to the JDBC driver that are used
Health of Running Servers           Faled (0)           Critical (0)           Overloaded (0)           Warning (0)           OK (2)								to create physical database connections. For example: server «Observer1. List each property=value pair on a separate line. More Info
	Passwore	d:	••	•••••	•••••	•••		The password attribute passed to the JDBC driver when creating physical database connections. More Info
	Confirm Pas	sword:	••	•••••	•••••	•••		
	Initial Capac	city:	1					The number of physical connections to create when creating the connection pool. More Info
	Maximum Ca	apacity:	15					The maximum number of physical connections that this connection pool can contain. More $\ensuremath{Info}$

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.



ORACLE WebLogic Server® 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 It Sources >FLEXTEST.WORLD >Summary of JDBC Data Sources >FLEXTEST.WORLD	)ata Sources >P						
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.	Messages						
Domain Structure	Settings for FLEXTEST.WORLD							
base_domain	Configuration Targets Monitoring Control Security Notes							
Deployments	Statistics Testing							
Messaging     Data Sources    Persistent Stores    Foreign JNDI Providers    Work Contexts	Use this page to test database connections in this JDBC data source.							
XML Registries	Test Data Source (Filtered - More Columns Exist)							
jCOM Mail Sessions	Test Data Source							
How do L.,	Server State							
	O ManagedServer Running							
Test JDBC data sources	Test Data Source							
<ul> <li>Configure testing options for a JDBC data source</li> </ul>								

- 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.

## 3.8 Changing Branch Schema Password

This section describes the steps involved in changing branch schema password.

### 3.8.1 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. Stop Oracle FLEXCUBE application.
- 4. 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.
- 5. Ensure that all users have logged out of Oracle FLEXCUBE system.

This completes the prerequisites.

#### 3.8.2 Changing Branch 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 (jdbc/fcjdevDSBranch).
- 4. Select 'Connection Pool' tab.

	dministration Console	,					Q			
Change Center	🙆 Home Log Out Pre	ferences 🔤 Record	Help	G			Welcome, weblogic Connected to: base_domai			
View changes and restarts	Home > Summary of JDBC Data Sources > FCUBSBranch									
Configuration editing is enabled. Future changes will automatically be activated as you	Settings for FCUBSBranch									
modify, add or delete items in this domain.	Configuration Targ	jets Monitoring C	ontrol Security	Notes						
Domain Structure	General Connection	n Pool Oracle O	NS Transaction	Diagnostics	Identity Options					
base_domain Environment Deployments	Save									
⊕-Diagnostics ⊕-Diagnostics		connection pool is regi	stered, usually when	n starting up \	VebLogic Server or w		and then return to the pool. The connection pool and the connections within it data source to a new target.			
	@ 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 Nan	oracle	.jdbc.xa.client.C	)racleXADat	aSource		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=FC1131IU1	:					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 Health of Running Servers	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			
Failed (0) Critical (0)										
Overloaded (0) Warning (0)										
OK (1)	🚱 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.



ORACLE WebLogic Server® Administration Console								
Change Center	🏦 Home Log Out Preferences 🖾 Record Help 📃 🔍 Welcome, weblogic Connected to: base_d							
View changes and restarts Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Home >Summary of Servers >Summary of JDBC Data Sources >FCUBSBranch Messages   Test of FCUBSBranch on server ManagedServer was successful.  Settings for FCUBSBranch							
Domain Structure base_domain  B-Environment Deployments	Configuration Targets Monitoring Control Security Notes Statistics Testing							
Beprovine to     Service     Britessaging     Pata Sources     Persistent Stores     Persistent Stores     Work Contexts     Work Contexts	Use this page to test database connections in this JDBC data source.  Customize this table 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	ImagedServer         Running							
Test JDBC data sources     Configure testing options for a JDBC data     source	Test Data Source	Showing 1 to 1 of 1 Previous   Next						

- 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.



# 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



Integrated Solutions Console Welcome admin		Help   Logout
View: All tasks	ll=DDHP0520Node01Cell, Profile=AppSrv01	Close page
= Welcome	obal security	2 -
Guided Activities	Global 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. Securit applications.	ty domains can be defined to override and customize the security policies for user
Services		
E Resources	Security Configuration Wizard Security Configu	ration Report
Security     Global security     Security     Security     Security domains     SSL certificate and key management     SSL certificate and key management     Security additing     Bus security     Devicomment     System administration     Josers and Groups     Monitoring and Tuning     Troublescoting     Service integration     UDD1	Administrative security       Administrative security         Enable administrative security       Administrative areas roles.         Administrative authentication.       Administrative authentication.         Application security       Enable application security         Java 2 security       Java 2 security to restrict application access to local resources         Warn if applications are granted custom permissions       Restrict access to resource authentication data         Use Java 2 security to restrict application access to local resources       Corrent real edinition         Pederated repositories       Available realm definitions         Available realm definitions       Set as current         Apply       Reset	Authentication Authentication mechanisms and expiration

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

Integrated Solutions Console Welcome			Help   Logout	TEM
View: All tasks	Cell=IPL189DORNode06Cell, Profile=AppSrv0	16		Close page
= Welcome	Global security		.? -	Help _
Guided Activities	Global security > JAAS - J2C authenticatio	n data		Field help
E Servers	Specifies a list of user identities and passw		urity to use.	For field help information, select a field label or list
Server Types WebSphere application servers	Prefix new alias names with the node r	name of the cell (for compatibility	with earlier releases)	marker when the help cursor is displayed.
WebSphere Application Servers     WebSphere MQ servers     Web servers	Apply			Page help More information about this page
Applications	Preferences			Command Assistance
Services	New Delete			View administrative scripting command for last
• Resources				action
Security				
= Global security	Select Alias 🗢	User ID 🗘	Description 🗘	
<ul> <li>Security domains</li> <li>Administrative Authorization Groups</li> </ul>	You can administer the following resources			
<ul> <li>SSL certificate and key management</li> </ul>	IPL189DORNode06/LA1465R2	LA1465R2	LA1465R2	
<ul> <li>Security auditing</li> <li>Bus security</li> </ul>	Total 1			
Environment				
System administration				
Users and Groups				
Monitoring and Tuning				
Troubleshooting				
Service integration				
H UDDI				

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



Integrated Solutions Console Welcome	Help	Logout
View: All tasks   Welcome Guidad Activities Servers Servers WebSphere application servers WebSphere Mg servers	Cell=1PL189DORNode06Cell, Profile=AppSrv06 Clobal security Clobal security > JAAS - J2C authentication data > IPL189DORNode06/LA1465R2 Specifies a list of user identities and passwords for Java(TM) 2 connector security to use. General Properties * Alias [IPL189DORNode06/LA1465R2 * User ID [LA1465R2	Close page     Close page     Field help     For field help information,     select a field help or list     marker when the help     cursor is displayed.     Page help     More information about     this case     Command Assistance
Services	* Password	View administrative scripting command for last
Resources		action
Security Global security Global security Security domains Administrative Authorization Groups SSL certificate and key management Security Becurity Bus security	Description LA1465R2 Apply OK Reset Cancel	
Environment		
E System administration		
■ Users and Groups		
Monitoring and Tuning		
Troubleshooting		
Service integration		
H UDDI		

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.



Integrated Solutions Console Welcome						Help   Logout			
View: All tasks	Cell=IPL189D0	RNode06Cell,	Profile=AppSrv06					Close page	
= Welcome	Data sources						2 -	Help	
Guided Activities		E Messa						Field help	
E Servers		The test connection operation for data source LATAM on server server1 at node							
Server Types			89DORNode06 was su		averi achode			select a field label or marker when the hel	
<ul> <li>WebSphere application servers</li> </ul>								cursor is displayed.	
= WebSphere MQ servers	Data source	25						Page help	
<ul> <li>Web servers</li> </ul>				rce that is associated with your selected JDI				More information ab this page	
Applications			ections for accessing ore general informati	the database. Learn more about this task i	in a <u>quided acti</u>	vity. A guided acti	vity provides		
Services	FI Scope: =		ore general monnac					Command Assistance	
	E scope	Anacopea						scripting command fe	
Resources				resource definition is visible. For detailed i he scope settings help.	information on			action	
<ul> <li>Schedulers</li> <li>Object pool managers</li> </ul>	W	hat scope is an	to now it works, see t						
T IMS		All scopes		<b>*</b>					
E JDBC	FI Preferen								
= JDBC providers			1						
<ul> <li>Data sources</li> </ul>	New Del	ete Test co	onnection Manag	e state					
<ul> <li>Data sources (WebSphere Application Server V4)</li> </ul>		# <b>#</b>							
Resource Adapters	Select Nam	ne 🗘	JNDI name 🗘	Scope 🗘	Provider 🗘	Description 🗘	Category 🗘		
Asynchronous beans	You can ad	iminister the f	ollowing resources:						
Cache instances     Mail	Def	ault	DefaultDatasource	Node=IPL189DORNode06,Server=server1		Datasource			
	Dat	source			Provider	for the WebSphere			
Resource Environment						Default Application			
Security     Global security	E FCU Date	BS Branch asource	jdbc/fcjBranchDS	Node=IPL189DORNode06,Server=server1	Oracle JDBC Driver (XA)	New JDBC Datasource			
Security domains     Administrative Authorization Groups		BS Scheduler a source	jdbc/fcjSchedulerDS	Node=IPL189DORNode06,Server=server1	Oracle JDBC Driver (XA)	New JDBC Datasource			
<ul> <li>SSL certificate and key management</li> <li>Security auditing</li> </ul>		TEST.WORLD	FLEXTEST.WORLD	Node=IPL189DORNode06,Server=server1	Driver (XA)	New JDBC Datasource			
= Bus security		AM	jdbc/fcjdevDS	Node=IPL189DORNode06,Server=server1	LA1465R2	New JDBC Datasource			
Environment	Total 5								
E System administration									
Users and Groups									
■ Monitoring and Tuning									
E Service integration									
	4								

- 6. Once you get the message, restart the application server.
- 7. Start Oracle FLEXCUBE. Log in and test whether the change was successful.

## 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		Help   Logout
View: All tasks	Cell=DDHP0520Node01Cell, Profile=AppSrv01	Close page
= Welcome	Global security	? -
Guided Activities	Global security	
⊞ Servers	Use this panel to configure administration and the default application securit	y policy. This security configuration applies to the security policy for all administrative
Applications	functions and is used as a default security policy for user applications. Securi applications.	ty domains can be defined to override and customize the security policies for user
Services		
Resources	Security Configuration Wizard Security Configu	ration Report
Security     Global security     Global security     Security domains     Administrative Authorization Groups     SEL certificate and key management     Security auditing     Bus security     Buse security     Security	Administrative security       Administrative user roles.         Enable administrative security       Administrative serve roles.         Application security       Enable application security         Jue Java 2 security       Use Java 2 security         Use Java 2 security       Configure         Use Java 2 security       Configure         Security       Security         Security       Configure         Security       Security         Security       Security <th>Authentication         Authentication mechanisms and expiration         Image: Strategy and Strategy and</th>	Authentication         Authentication mechanisms and expiration         Image: Strategy and
	Apply Reset	

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

Integrated Solutions Console Welcome			Help   Logout	TEM.
View: All tasks	Cell=IPL189DORNode06Cell, Profile=AppSrv00	5		Close page
= Welcome	Global security		?	– Help –
Guided Activities	Global security > JAAS - J2C authentication	data		Field help
E Servers	Specifies a list of user identities and passwo		use.	For field help information, select a field label or list
Server Types WebSphere application servers WebSphere MQ servers Web servers Web servers	Prefix new alias names with the node n			marker when the help cursor is displayed. Page help More information about this page
Applications	Preferences			Command Assistance
⊞ Services	New Delete			View administrative scripting command for last
I Resources				action
E Security				
= Global security	Select Alias 🗇	User ID 🗘	Description 🗇	
<ul> <li>Security domains</li> <li>Administrative Authorization Groups</li> </ul>	You can administer the following resources	1		
<ul> <li>Administrative Authorization Groups</li> <li>SSL certificate and key management</li> </ul>	IPL189DORNode06/LA1465R2	LA1465R2	LA1465R2	
<ul> <li>Security auditing</li> </ul>	Total 1			
= Bus security				
Environment				
System administration				
■ Users and Groups				
Monitoring and Tuning				
Troubleshooting				
Service integration				
E UDDI				

3. You will notice a table listing of JDBC sources choose the node which is used by Oracle FLEXCUBE application.



Integrated Solutions Console Welcome		Help Logout
Integrated Solutions Console Welcome       View:     All tasks       *     Welcome       B Guide Activities     ************************************	Cell=IPL189DORNode06Cell, Profile=AppSrv06 Clobal security Clobal security > JAA5 - J2C authentication data > IPL189DORNode06/LA1465R2 Specifies a list of user identities and passwords for Java(TM) 2 connector security to use. Ceneral Properties + Alias IPL189DORNode06/LA1465R2 + User ID IA1465R2 + Password	Help Logout
Security     Security     Society     Society	Description [A1465R2 [Apply] OK] Reset Cancel	
E System administration		
Users and Groups     Users and Croups     Society of Company     Troublashooting     Society of Company     Society of Company     Upo1		

4. 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.

- 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/fcjSchedulerDS*.
- 4. Click 'Test connection' tab.
- 5. The screen displays a message confirming successful testing.



Integrated Solutions Console Welcome						telo i Logout		l 🔊 Tem
	Cell-IDI 189DOD	Node06Cell	Profile=AppSrv06			ang suggest		Close page
View: All tasks			поле-Аррогиос					
= Welcome	Data sources						2 -	Help
Guided Activities		🖯 Messa	iges					Field help
E Servers				eration for data source FCUBS Scheduler D	ata source on se	rver server1		For field help informat select a field label or
E Server Types		at no	de IPL189DORNode0	6 was successful.				marker when the help
<ul> <li>WebSphere application servers</li> </ul>								cursor is displayed.
WebSphere MQ servers	Data sources							Page help
<ul> <li>Web servers</li> </ul>	Use this page	to edit the s	settings of a datasou	rce that is associated with your selected JD	BC provider. The	datasource obje	act supplies	More information about this page
Applications	your application	on with conne steps and me	ections for accessing to ore general information	the database. Learn more about this task	in a <u>quided activ</u>	ity. A guided act	ivity provides	
E Services	Scope: =A		se general information					Command Assistance View administrative
	El prope: -A							scripting command for
Resources				resource definition is visible. For detailed he scope settings help.	information on			action
<ul> <li>Schedulers</li> </ul>	wha	t scope is an	id how it works, <u>see ti</u>	he scope settings help.				
Object pool managers     IMS	A	All scopes		*				
JDBC = JDBC providers	Preferences							
<ul> <li>Data sources</li> </ul>	New Delet	e Test co	onnection Manag	e state				
<ul> <li>Data sources (WebSphere Application Server V4)</li> </ul>	66#	P						
	Select Name	^	JNDI name 🖒	Scope ①	Provider ()	Description ()	Category A	
Asynchronous beans		~	*	Scope V		Description V	Catagory V	
🗄 Cache instances			ollowing resources:	1	1			
🗄 Mail	Defau Datas		DefaultDatasource	Node=IPL189DORNode06,Server=server1	Derby JDBC Provider	Datasource for the		
						WebSphere Default Application		
Security     Global security	Datas	Branch ource	jdbc/fcjBranchDS	Node=IPL189DORNode06,Server=server1	Oracle JDBC Driver (XA)	New JDBC Datasource		
Security domains     Administrative Authorization Groups	Data :	Scheduler source	jdbc/fcjSchedulerDS	Node=IPL189DORNode06,Server=server1	Oracle JDBC Driver (XA)	New JDBC Datasource		
<ul> <li>SSL certificate and key management</li> <li>Security auditing</li> </ul>	E FLEXT	EST.WORLD	FLEXTEST.WORLD	Node=IPL189DORNode06,Server=server1	Oracle JDBC Driver (XA)	New JDBC Datasource		
<ul> <li>Bus security</li> </ul>		1	jdbc/fcjdevDS	Node=IPL189DORNode06,Server=server1	LA1465R2	New JDBC Datasource		
Environment	Total 5							
System administration								
🗄 Users and Groups								
Honitoring and Tuning								

- 6. Once you get the message, restart the application server.
- 7. Start Oracle FLEXCUBE. Log in and test whether the change was successful.

## 4.4 Changing ELCM Data Source 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. 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.

### 4.4.2 Changing ELCM 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.



Wetcome       Clobal security         B duided Activities       Clobal security         Clobal security       Clobal security         B services       Security         B services       Security Configuration and the default applications. Security configuration applies to the security policy for all administrative automize the security policy for user applications. Security Configuration applies to the security policy for all administrative automize the security policy for user applications. Security Configuration and the default applications. Security Configuration Report         B services       Security Configuration Wizard       Security Configuration Report         Administrative Authorization Groups       Security Configuration Report         S security Configuration Security       Administrative automizes authonization       Authentication         B system administration       System administration       Strate       Strate         B variant devices       Wain if application access to local resources       We and SIP security         B service integration       Strate addination       Strate addination         B services       Wain if application access to local resources       Authentication and Authorization Service         B service integration       Strate add Sup security       Strate addination         B variant integration       Strate addination       Strate addination and Authorization Service addination Service addination Service	Integrated Solutions Console Welcome admin		Help   Logout
B Guided Activities         B Guided Activities         B Guided Activities         B Applications         B Applications         B Resurces         B Security         Security         Security         Security         Security         Security         Security         Security         Security         Administrative security         Bai/scomment         By and Singerstand         By anument         Ware and finitization         By and Singerstand	View: All tasks	Cell=DDHP0520Node01Cell, Profile=AppSrv01	Close
Bisever       Ubbai security         Bisever       Bisever         Bisever       Bisever         Bisever       Security configuration applies to the security policy for user applications. Security domains can be defined to override and customize the security policy for all admin functions and is used as a default security policy for user applications. Security domains can be defined to override and customize the security policy for all admin functions and is used as a default security policy for user applications. Security domains can be defined to override and customize the security policy for all admin functions and is used as a default security policy for user applications. Security domains can be defined to override and customize the security policy for all admin functions and is used as a default security policy for user applications. Security configuration actions for user applications. Security configuration applies to the security policy for all admin functions and is used as a default security policy for user applications. Security configuration applies to override and customize the security policy for user applications. Security configuration applies to override and customize the security policy for user applications. Security configuration applies to a security application action factor application application actions is a default security application security.         Bisochone and functions       Application security <ul> <li>Administrative security</li> <li>Bisochone and function</li> <li>Bisochone and function and Authorization factor</li> <li>Bisochone and functions and function and application access to local resources</li> <li>Bisochone and application access to local resources</li> <li>Bisochone and functorization factor</li> <li>Bisochone addit of apo</li></ul>	= Welcome	Global security	
■ Servers         ■ Applications         ■ Applications         ■ Servers         ■ Security	■ Guided Activities	Global security	
<ul> <li>B Applications</li> <li>B Assures</li> <li>B Resources</li> <li>Security Configuration Wizard</li> <li>Security Configuration Report</li> <li>Administrative surface and key management</li> <li>Security Gamins</li> <li>Security Gamins</li> <li>Security Configuration scruces</li> <li>Administrative surface and key management</li> <li>Security Gamins</li> <li>B administrative surface and key management</li> <li>Security Configuration scruces</li> <li>Chable application security</li> <li>Administrative surface and key management</li> <li>Security Configuration scruces</li> <li>Application security</li> <li>Application security</li> <li>Application security</li> <li>System administration</li> <li>Use Java 2 security to restrict application access to local resources</li> <li>Way in applications are granted custom permissions</li> <li>Restrict access to resource suthentication data</li> <li>User accent repositories</li> <li>Available realm definitions</li> <li>Pederated repositories</li> <li>Available realm definitions</li> <li>Pederated repositories</li> <li>Configure</li> <li>Set as current</li> <li>Use realm-qualified user in Authonization for location</li> <li>Security Authonication access and authonization for location service</li> <li>Security Configuration</li> <li>Security Configuration access to local resources</li> <li>Web and SIP security</li> <li>Security Configure</li> <li>Set as current</li> <li>Use realm-qualified user in Authonization for location for context of four option for the context of four expectation to fail.</li> <li>Current realm definitions</li> <li>Pederated repositories</li> <li>Configure</li> <li>Set as current</li> <li>Use realm-qualified user in Authonization for location for context of four expectation for location found the authorication for location for location for location for location for location for location for l</li></ul>		Use this panel to configure administration and the default application secur	ity policy. This security configuration applies to the security policy for all administ
B Resources       Security       Security       Administrative surrolss.         S Security Configuration Report       Administrative surrolss.       Administrative surrolss.         S Security Configuration Groups       Security Configuration Security       Administrative surrolss.         S Security Configuration Groups       Administrative surrolss.       Administrative surrolss.         S Security Configuration Groups       Administrative surrolss.       Administrative surrolss.         B Environment       Enable application security       Administrative surrolss.       Resources         B System administration       Ive Java 2 security to restrict application access to local resources       SwMM (deprecated): the authenticated communication between server.         B Montering and Tuning       Bestrict access to resource suthentication data       Bestrict access to resource suthentication data         B Service integration       Upper access resource suthentication data       System family in authentication service         B Web and SIP security       Java Authentication service       System family in authentication service         B Service integration       Execurity configures.       Set as current         B UDD1       Ver realm qualified user in Authorization Service (MAD) login configuration configures in authorization service (MAD) login configures in authorization service (MAD) login configures in authoris authoris authoris autor provider data subtromading the subtrat	Applications		rity domains can be defined to override and customize the security policies for u
Security       Administrative security       Administrative security       Administrative security         Besito certification of corps       Security       Application security       Kerberos and LTPA         Besito security       Eaving security       Security security       Security         Users and Groups       Warn if application security       Security security       Security         Users and Groups       Warn if application security       Security constration       Warn if application security         Users and Groups       Warn if applications are granted cutom permissions       Warn if applications are granted cutom permissions         Besities integration       User security       Security constratics       Security         Upplication security       Available realm definitions       Security constration and Authorization Service         Security constration       Security constration security       Security constration security         User security       User security constration security       Security constrating security <th></th> <th></th> <th></th>			
<ul> <li>a Global security</li> <li>a Security domains</li> <li>a Administrative security</li> <li>b administrative security</li> <li>a Administrative security</li> <li>b administrative se</li></ul>	■ Resources	Security Configuration Wizard Security Config	uration Report
	Security Global security Global security Global security Security domains Administrative Authorization Groups Security auditing Bus security Global security	Administrative security  Administrative security  Administrative security  Administrative automatic group roles. Application security A	Authentication Authentication mechanisms and expiration

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

Integrated Solutions Console Welcome			Help   Logou	ıt 📰 👬 🔛
View: All tasks	Cell=IPL189DORNode06Cell, Prof	ile=AppSrv06		Close page
= Welcome	Global security			? – Help –
Guided Activities	Global security > JAAS - J2C a	uthentication data		Field help
E Servers	Specifies a list of user identitie	s and passwords for Java(TM) 2 conne	ctor security to use.	For field help information, select a field label or list
<ul> <li>Server Types</li> <li>WebSphere application servers</li> <li>WebSphere MQ servers</li> </ul>	Prefix new alias names wit	h the node name of the cell (for comp	atibility with earlier releases)	marker when the help cursor is displayed. Page help
= Web servers	Apply			More information about this page
Applications	Preferences			Command Assistance
E Services	New Delete			View administrative scripting command for last
E Resources				action
E Security				
<ul> <li>Global security</li> <li>Security domains</li> </ul>	Select Alias 🗘	User ID 🛇	Description 🗘	
<ul> <li>Administrative Authorization Groups</li> </ul>	You can administer the follow	-		
= SSL certificate and key management	IPL189DORNode06/LA1	465R2 LA1465R2	LA1465R2	
<ul> <li>Security auditing</li> <li>Bus security</li> </ul>	Total 1			
E Environment				
System administration				
Users and Groups				
Monitoring and Tuning				
Service integration				
E UDDI				

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



Integrated Solutions Console Welcome	Help   Logout	
View: All tasks	Cell=IPL189DORNode06Cell, Profile=AppSrv06	Close page
= Welcome	Global security ? -	Help _
Guided Activities	Global security > JAAS - J2C authentication data > IPL189DORNode06/LA1465R2	Field help
Servers	Specifies a list of user identities and passwords for Java(TM) 2 connector security to use.	For field help information, select a field label or list
Server Types	General Properties	marker when the help cursor is displayed.
<ul> <li>WebSphere application servers</li> </ul>	+ Alias	
<ul> <li>WebSphere MQ servers</li> <li>Web servers</li> </ul>	IPL189DORNode06/LA1465R2	Page help More information about
<ul> <li>web servers</li> </ul>	* User ID	this page
Applications	LA1465R2	Command Assistance
Services	* Password	View administrative scripting command for last
■ Resources	••••••	action
E Security	Description LA1465R2	
= Global security	DA1403A2	
<ul> <li>Security domains</li> </ul>		
<ul> <li>Administrative Authorization Groups</li> <li>SSL certificate and key management</li> </ul>	Apply OK Reset Cancel	
<ul> <li>Societation and key management</li> <li>Security auditing</li> </ul>		
<ul> <li>Bus security</li> </ul>		
Environment		
E System administration		
Users and Groups		
Monitoring and Tuning		
■ Troubleshooting		
Service integration		
UDDI		

4. Specify the new password in the text field and click 'Apply'. Click 'OK'.

## 4.4.3 Testing ELCM Schema 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 *jdbc/fcjdevDS*.
- 4. Select 'Test connection' tab.
- 5. The screen displays a message confirming successful testing.



Views: All tasks       Cell=IPL189DORNode06Cell, Profile=AppSrv06       Cles         Views: All tasks       Cell=IPL189DORNode06Cell, Profile=AppSrv06       Cles         Guided Activities       Data sources       Field help         Servers       The test connection operation for data source LATAM on server server1 at node       Field help         Servers       The test connection operation for data source LATAM on server server1 at node       Field help         WebSphere xplication servers       WebSphere xplication with connections of a datasource that is associated with your selected JDBC provider. The datasource object supplies       Page help         Web servers       Use this page to edit the settions of a datasource that is associated with your selected JDBC provider. The datasource object supplies       Nor show the consection of the set show about this task in a <u>guided stivity</u> . A guided activity provides         Benvices       Server: >Nore senvers       Server senvers       Command         Beservers       Server: >Servers       Server senvers       Command         Beservers       Server: >Servers       Servers       Servers       Command	Integrated Solutions Console Welcome	Help   Logout	S THM				
User Watcame   I diad sources   I diad sources <t< th=""><th></th><th></th><th>Close page</th></t<>			Close page				
Image: Service         Basic Activities         Basic Activies <td></td> <td></td> <td>Holo</td>			Holo				
Servers			neip				
Server x         Server x         Server x         Server x         Server x         WabSphere splication servers	Guided Activities	Messages	Field help For field help informat				
<ul> <li>■ WebSphere MQ servers</li> <li>■ Arghicktions</li> <li>■ Schedulars</li> <li>■ Sc</li></ul>	E Servers	The test connection operation for data source LATAM on server server1 at node	select a field label or				
<ul> <li>wkb5phore application servers</li> <li>wkb5phore application servers</li> <li>wkb5phore application servers</li> <li>wkb5phore application servers</li> <li>Schedulers</li> <li>S</li></ul>	Server Types	IPL189DORNode06 was successful.	marker when the help cursor is displayed.				
• Web servers • Web servers • Determined • Web servers • Determined with connections for accessing the database. Learn more about this task in a <u>guided activity</u> . A guided activity provided is task to a <u>guided activity</u> . A guided activity provided is task to a <u>guided activity</u> . A guided activity provided is task to a <u>guided activity</u> . A guided activity provided is a guided activity. A guided activity provided is and how it nonks, <u>see the stores activity</u> to task stages and more general information about the top: • Schedurs • Dists sources (WebBphere Application Server: Va) • Coche instances • Dists sources • Distsources • Distsources • Dists	<ul> <li>WebSphere application servers</li> </ul>		cursor is displayed.				
Use the page to edit the settings of a datasource that is associated with your selected DBC provider. The datasource object supplies       Ibs         # Application with our selected DBC provider. The datasource object supplies       Ibs       Select The selected DBC provider is a guided activity. A guided actity. A guided activity. A guided activity. A guided ac		Data sources					
Applications       a list of task stops and more general information about the topic.       Command         Services       □ Stope : =All scope       □ Stope : =All scope       □ Stope : =All scope         ■ Stope : scope : =all scope : =All scope       □ wisible. For detailed information on what scope is and how it works, <u>see the scope settings help</u> .       □ Stope : =All scope       □ wisible. For detailed information on what scope is and how it works, <u>see the scope settings help</u> .       □ Stope : =All scope       □ wisible. For detailed information on what scope is and how it works, <u>see the scope settings help</u> .       □ Stope : =All scope       □ wisible. For detailed information on what scope is and how it works, <u>see the scope settings help</u> .       □ Stope : =All scope       □ wisible. For detailed information on what scope is and how it works, <u>see the scope sc</u>	Web servers		More information abo this page				
Services     Security	Applications		Command Assistance				
Image: security       Securits			Command Assistance View administrative				
<ul> <li>Schedulers</li> <li>Schedulers</li></ul>			scripting command for				
Object point managers     Object point			action				
Image: Security       Image: Security       Image: Security         Image: Security       Image: Security       Image: Security       Image: Security         Image: Security       Image: Security       Image: Security </td <td></td> <td></td> <td></td>							
■ DBC         ■ DBS sources         ■ Data sources         ■ Data sources         ■ Data sources         ■ Asynchronous beans         ■ Coche instances         ■ UKL         ■ Mail         ■ UKL         ■ Security         ■ Coche instances         ■ Data sources revironment         ■ Coche instances         ■ UKL         ■ Security         ■ Coche instances         ■ Dissecurity         ■ Security         ■ Sources         ■ Colles Scandrug         ■ State sources         ■ Dissecurity         ■ Security         ■ Security Gomains         ■ Sources         ■ Sources         ■ Dissecurity         ■ Security Gomains         ■ Security         ■ Security Security         ■ Security Gomains         ■ Security Authorization Groups         ■ Security and they management         ■ Security and they ma		All scopes					
Image: Dist sources       Non Deletes       Test connection       Manage state         Image: Dist sources       Non Deletes       Test connection       Manage state         Image: Dist sources       Non Deletes       Non Deletes       Provider       Description         Image: Dist sources       Defendent       Non Deletes       Non Deletes       Provider       Description         Image: Dist sources       Image: Dist sources </td <td></td> <td colspan="6" rowspan="2"></td>							
V4)       V4)         Resource Adaptars       Bit Security         Security       Security         S							
Asynchronous beans       Select (Name C)       Sole C)       Provider C)       Description C)       Category C)         Balance (Name C)       Sole C)       Provider C)       Description C)       Category C)         Wail       Mail       Uk L       Default							
B Asynchronous beans       You can administer the following resources:         Cache instances       Default         Mail       Default         D Vic       Default         Default	Resource Adapters	Select Name A INDI name A Scope A Provider A Description A Category A					
IIII Cache instances       Default       D	Asynchronous beans						
Image: Mail Imail Image: Mail Image: Mail Image: Mail Image: Mail Image	🗄 Cache instances						
ID URL     WebSphere       IP Resource Environment     FCUES Eranch       Security     FCUES Eranch       I Debal security     FCUES Eranch       Security designed     FEXTEET.WORLD       Resource     Driver (XA)       Security designed     FLEXTEET.WORLD       Node=IPLIS9DORNode06.Serverservert     Order JDEC       Driver (XA)     Datasource       Security authing     Idbc/fgldvDS       Node=IPLIS9DORNode06.Serverservert     Order JDEC       Driver (XA)     Datasource	🗄 Mail						
El Resurte Environment     Cubic Stranch     Application     Application       Security     Cubic Stranch     jdb/fgBranchDS     Node=IPLIS9DORNode06,Serverservert     Orade JBCC     Node=JBL       Security omains     Child Stranch     jdb/fgBranchDS     Node=IPLIS9DORNode06,Serverservert     Orade JBCC     Node=JBL       Administrative Authorization Groups     ELENTEST.WORLD     FLEXTEST.WORLD     Node=IPLIS9DORNode06,Serverservert     Orade JBCC     New JBCC       Security unitiest     Class source     FLEXTEST.WORLD     Node=IPLIS9DORNode06,Serverservert     Orade JBCC     New JBCC       Security unitiest     Class source     FLEXTEST.WORLD     Node=IPLIS9DORNode06,Serverservert     Orade JBCC     New JBCC       Bus security     LATAM     Jdb/fgdevDS     Node=IPLIS9DORNode06,Serverservert     Liaf58.2     New JBCC	1 URL	WebSphere					
Clobal security     Security domains     Clubal security     Security domains     Clubal security     Security domains     Clubal security     Security domains     Clubal security     Security domains     Security	E Resource Environment						
Security domains       CPUES Scheduler Distribution       jdb/fqSchedulerDS       Node=IPL189DORNode06,Server=server1       Oracle DBC Distribution       Diver (XA)         SSL certification Groups       ELEXTEST.WORLD       Node=IPL189DORNode06,Server=server1       Oracle DBC Distribution       Diver (XA)       Distribution         SSL certification (Srupp)       LATAM       jdb/fgdevDS       Node=IPL189DORNode06,Server=server1       Oracle DBC Diver (XA)       Distribution         Bus security       LATAM       jdb/fgdevDS       Node=IPL189DORNode06,Server=server1       L414582       New JDBC Distribution							
Administrative Authorization Groups     Diver (XA) Datasource     Driver (XA) Datasource							
= SSL cartificate and key management.       ELEXTEST.WORLD       FLEXTEST.WORLD       Node=IPL189DORNode05,Server=server1       Oracle 3DBC       Detasource         = Security auditing       Idb/fcjdevDS       Node=IPL189DORNode05,Server=server1       LA1465R2       New JDBC         = Bus security       Idb/fcjdevDS       Node=IPL189DORNode05,Server=server1       LA1465R2       New JDBC							
= Security suditing							
Datasource		Gateway Driver (XA) Datasource					
B Environment Total 5	= Bus security						
	Environment	Total 5					
E System administration	System administration						
🗄 Users and Groups	Users and Groups						
H Monitoring and Tuning	T Monitoring and Tuning						

- 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.

## 4.5 Changing Gateway Password

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

### 4.5.1 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.

### 4.5.2 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.

Integrated Solutions Console Welcome admin		Help   Logout
View: All tasks	Cell=DDHP0520Node01Cell, Profile=AppSrv01	Close page
= Welcome	Global security	.? -
Guided Activities	Global security	
E Servers		oplicy. This security configuration applies to the security policy for all administrative
Applications	functions and is used as a default security policy for user applications. Securit	ty domains can be defined to override and customize the security policies for user
E Services		
■ Resources	Security Configuration Wizard Security Configur	ration Report
© Resources  Security  Security demains  Administrative Authorization Groups  Security demains  Security authorization Groups  Security authorization  Denvironment  System administration  Di Users and Groups  Monitoring and Tuning  Travbleabooting  Service integration  UDD1	Security Configuration Wizard     Security Configure       Administrative security     Administrative security       Enable administrative security     Administrative security       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       Bestrict access to resource authentication data       User access reportery       Current realm definitions       Federated repositories       Available realm definitions       Federated repositories       Apply	Authentication Authentication mechanisms and expiration

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

Integrated Solutions Console Welcome			Help   Logout	TEN
View: All tasks	Cell=IPL189DORNode06Cell, Profile=AppSrv0	5		Close page
= Welcome	Global security		2 -	- Help -
Guided Activities	Global security > JAAS - J2C authentication	data		Field help
E Servers	Specifies a list of user identities and passwo		use.	For field help information, select a field label or list
Server Types WebSphere application servers WebSphere MQ servers WebSphere MQ servers Web servers	Prefix new alias names with the node n	ame of the cell (for compatibility with ea	rlier releases)	marker when the help cursor is displayed. Page help More information about
Applications	Preferences			this page
T Services				View administrative
E Resources	New Delete			scripting command for last action
Global security     Security domains     Administrative Authorization Groups     SSL certificate and key management     Security auditing	Select Alias You can administer the following resources IPLIS9DORNode06/LA1465R2 Total 1	User ID 🗘	Description 🗘	
= Bus security				
Environment				
E System administration				
Users and Groups				
Monitoring and Tuning				
■ Troubleshooting				
E Service integration				
I UDDI				

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

### 4.5.3 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.

Integrated Solutions Console Welcome					Help   Logout		
View: All tasks	Cell=IPL189DORNode06Ce	l, Profile=AppSrv06					Close page
= Welcome	Data sources					? -	Help
E Guided Activities	🕀 Mes	aces					Field help
E Servers		-	eration for data source FLEXTEST, WORLD o	ateway on serve	er server1 at		For field help inform select a field label o
Server Types	noc	e IPL189DORNode06 v	was successful.				marker when the hel
<ul> <li>WebSphere application servers</li> </ul>							cursor is displayed.
WebSphere MQ servers	Data sources						Page help More information abo
<ul> <li>Web servers</li> </ul>	Use this page to edit the	settings of a datasou	rce that is associated with your selected JD the database. Learn more about this task	BC provider. The	e datasource objec	t supplies	this page
Applications	a list of task steps and r	nore general informati	on about the topic.	in a <u>quideo activ</u>	vity. A guided activ	ity provides	Command Assistanc
E Services	Scope: =All scopes						View administrative scripting command fo
Resources	Scope specifies	the level at which the	resource definition is visible. For detailed i	information on			action
= Schedulers	what scope is a	nd how it works, <u>see t</u>	he scope settings help.				
<ul> <li>Object pool managers</li> </ul>	All scopes		~				
E JDBC							
= JDBC providers	Preferences						
= Data sources	New Delete Test connection Manage state						
Data sources (WebSphere Application Server							
∨4)							
Resource Adapters     Asynchronous beans	Select Name 💠	JNDI name 🗘	Scope 🗘	Provider 🗘	Description 🔅	Category 🔅	
E Asynchronous beans	You can administer the	following resources:					
Mail	Default	DefaultDatasource	Node=IPL189DORNode06,Server=server1		Datasource		
I URL	Datasource			Provider	for the WebSphere		
Resource Environment					Default Application		
Security	FCUBS Branch	jdbc/fcjBranchDS	Node=IPL189DORNode06,Server=server1		New JDBC		
= Global security	Datasource			Driver (XA)	Datasource		
<ul> <li>Security domains</li> </ul>	Data source	jdbc/fcjSchedulerDS	Node=IPL189DORNode06,Server=server1	Oracle JDBC Driver (XA)	New JDBC Datasource		
<ul> <li>Administrative Authorization Groups</li> <li>SSL certificate and key management</li> <li>Security auditing</li> </ul>	ELEXTEST.WORLD	FLEXTEST.WORLD	Node=IPL189DORNode06,Server=server1	Oracle JDBC Driver (XA)	New JDBC Datasource		
= Bus security		jdbc/fcjdevDS	Node=IPL189DORNode06,Server=server1	LA1465R2	New JDBC Datasource		
E Environment	Total 5						
■ System administration							
■ Users and Groups							
Monitoring and Tuning							
■ Troubleshooting							
Service integration							
H UDDI							
	4						)

- 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.

## 4.6 Changing Branch Schema Password

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

### 4.6.1 <u>Prerequisites</u>

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.

#### 4.6.2 Changing Branch 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.

Integrated Solutions Console Welcome admin		Help   Logout
View: All tasks	Cell=DDHP0520Node01Cell, Profile=AppSrv01	Close page
= Welcome	Global security	? -
Guided Activities		
E Servers	Global security	ty policy. This security configuration applies to the security policy for all administrative
Applications	functions and is used as a default security policy for user applications. Secur	ity domains can be defined to override and customize the security policy for all administrative
E Services	applications.	
E Besources	Security Configuration Wizard Security Configu	unking Depart
	Security Configuration wizard Security Configu	aration Report
Security     Global security     Security domains     Administrative Authorization Groups     SSL certificate and key management	Administrative security	Authentication Authentication machanisms and expiration © <u>LTPA</u> Kerberos and LTPA
Security auditing	Application security	(This function is currently disabled. See the IBM Support site for possible future updates.)
Bus security	Enable application security	Kerberos configuration
Environment	Java 2 security	SWAM (deprecated): No authenticated communication between servers
System administration	Use Java 2 security to restrict application access to local resources	Authentication cache settings
	Warn if applications are granted custom permissions	Web and SIP security
Monitoring and Tuning	Restrict access to resource authentication data	RMI/IIOP security
	User account repository	Java Authentication and Authorization Service
E Service integration	Current realm definition	= Application logins
I UDDI	Federated repositories	<ul> <li>System logins</li> <li>12C authentication data</li> </ul>
	Available realm definitions Federated repositories V Configure Set as current	Specifies a list of Java(TM) Authentication and Use realm-qualified user nAAuthorization Service (JAAS) login configurations that are used by system resources including the authentication mechanism, principal mapping, and credential mapping. You
	Apply Reset	Sacurity domains carnot remove the default login configurations because     External automizations providers     Custom argenties

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

Integrated Solutions Console Welcome			Help   Logout	IDM.
View: All tasks	Cell=IPL189DORNode06Cell, Profile=Ap	pSrv06		Close page
= Welcome	Global security		2	Help _
Guided Activities	Global security > JAAS - J2C authent	cation data		Field help
E Servers	Specifies a list of user identities and p	asswords for Java(TM) 2 connector	r security to use.	For field help information, select a field label or list
Server Types     WebSphere application servers	Prefix new alias names with the r	ode name of the cell (for compatit	pility with earlier releases)	marker when the help cursor is displayed.
<ul> <li>WebSphere MQ servers</li> <li>Web servers</li> </ul>	Apply			Page help More information about this page
H Applications	Preferences			Command Assistance
Services	New Delete			View administrative scripting command for last
Resources				action
E Security				
<ul> <li>Global security</li> </ul>	Select Alias 🛟	User ID 🗘	Description 🗘	
<ul> <li>Security domains</li> <li>Administrative Authorization Groups</li> </ul>	You can administer the following res-			
<ul> <li>SSL certificate and key management</li> </ul>	IPL189DORNode06/LA1465R2	LA1465R2	LA1465R2	
<ul> <li>Security auditing</li> <li>Bus security</li> </ul>	Total 1			
Environment				
System administration				
🗄 Users and Groups				
Monitoring and Tuning				
H Troubleshooting				
Service integration				
IDDU 🖽				

4. Specify the new password in the text field and click 'Apply'. Click 'OK'.



#### 4.6.3 Testing Branch 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/fcjBranchDs.
- 4. Select 'Test Connection' tab.
- 5. The screen displays a message confirming successful testing.

Integrated Solutions Console Welcome					Help   Logout	IBM.
View: All tasks	Cell=IPL189DORNode06Cell	Profile=AppSrv06				Close page
= Welcome	Data sources				2 -	Help
Guided Activities	E Mess	iges				Field help
E Servers			eration for data source FCUBS Branch Data:	source on server	r server1 at	For field help informat select a field label or
E Server Types	nod	IPL189DORNode06	was successful.			marker when the help cursor is displayed.
<ul> <li>WebSphere application servers</li> </ul>						cursor is displayed.
WebSphere MQ servers	Data sources					Page help
Web servers	Use this page to edit the	settings of a datasou	rce that is associated with your selected JD	BC provider. The	a datasource object supplies	More information about this page
Applications	your application with conr a list of task steps and m	ections for accessing ore general informati	the database. Learn more about this task i on about the topic.	in a <u>quided activ</u>	vity. A guided activity provides	Command Assistance
E Services	Scope: =All scopes					View administrative
E Resources						scripting command for action
= Schedulers			resource definition is visible. For detailed i he scope settings help.	ntermation on		
<ul> <li>Object pool managers</li> </ul>						
I JMS	All scopes		~			
E JDBC	Preferences					
<ul> <li>JDBC providers</li> </ul>		17				
= Data sources	New Delete Test o	onnection Manag	je state			
<ul> <li>Data sources (WebSphere Application Server V4)</li> </ul>	D D # #					
Resource Adapters	Select Name A	JNDI name 🗅	Scope A	Provider ①	Description A Category A	
Asynchronous beans	*	×.	scope v		Description Category C	
🗄 Cache instances	You can administer the I					
🗄 Mail	Default Datasource	DefaultDatasource	Node=IPL189DORNode06,Server=server1	Derby JDBC Provider	Datasource for the	
H URL	<u>Data Jointe</u>			FIGHING	WebSphere	
Resource Environment					Default Application	
E Security	FCUBS Branch	jdbc/fcjBranchDS	Node=IPL189DORNode06,Server=server1		New JDBC	
= Global security	Datasource			Driver (XA)	Datasource New IDBC	
<ul> <li>Security domains</li> <li>Administrative Authorization Groups</li> </ul>	ECUBS Scheduler Data source	jdbc/tcjSchedulerDS	Node=IPL189DORNode06,Server=server1	Oracle JDBC Driver (XA)	New JDBC Datasource	
<ul> <li>Administrative Autorization Groups</li> <li>SSL certificate and key management</li> <li>Security auditing</li> </ul>	ELEXTEST.WORLD	FLEXTEST.WORLD	Node=IPL189DORNode06,Server=server1	Oracle JDBC Driver (XA)	New JDBC Datasource	
<ul> <li>Bus security</li> </ul>		jdbc/fcjdevDS	Node=IPL189DORNode06,Server=server1	LA1465R2	New JDBC Datasource	
E Environment	Total 5					
System administration						
H Users and Groups						
Monitoring and Tuning						
Troubleshooting						
Service integration						

- 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.



# 5. Server Password Change

### 5.1 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:

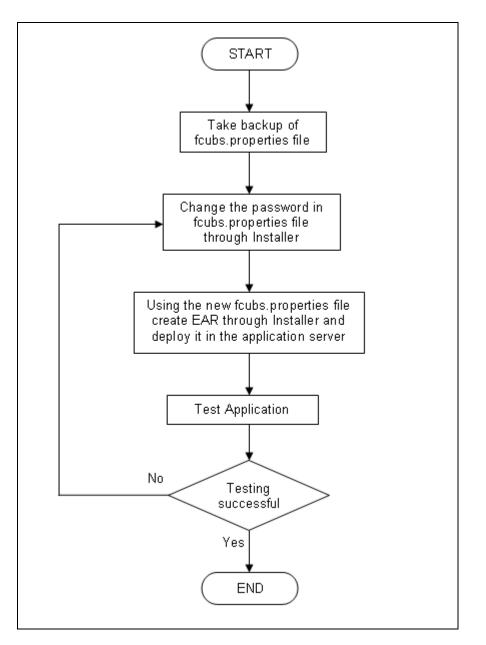
- SMTP Server
- EMS FTP Server
- BPEL Server
- BIP Server
- DMS Server

### 5.2 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.





### 5.2.1 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.

#### 5.2.2 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.



1     Host     samplename.mail.com       2     User Id     infra       3     User Reserverd     samplename.mail.com	 Host	
		1
2 Upor Recoverd	User Id	2
5 Oser Password	User Password	3
4 JNDI Name mail/FCUBSMail	JNDI Name	4

2. You need to modify the following field:

#### **User Password**

Specify the new password

- 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

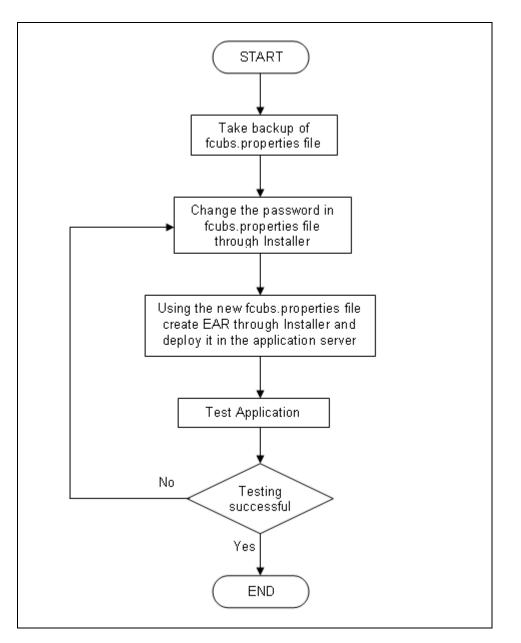
Try the above process in UAT or any other test environment before you change the password in a production environment.

# 5.3 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.





### 5.3.1 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.

### 5.3.2 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

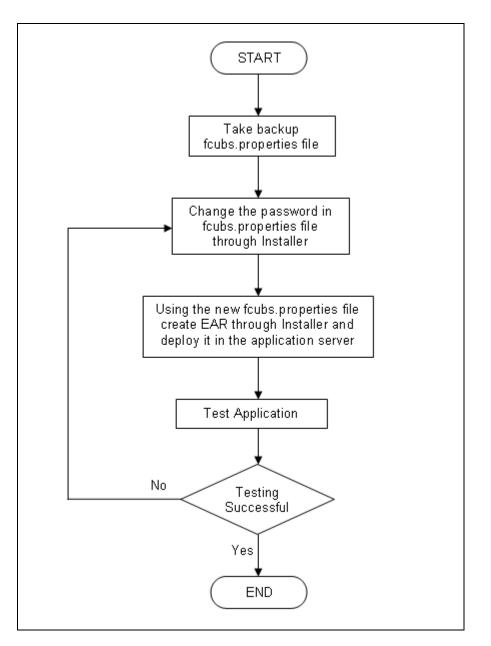
Try the above process in UAT or any other test environment before you change the password in a production environment.

### 5.4 Changing BPEL Administrative Console Password

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

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





### 5.4.1 Prerequisites

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

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

### 5.4.2 Changing BPEL Server Password

To change the password of BPEL 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. You need to modify the following field:



- BI\_PASSWORD: Specify the new password
- 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

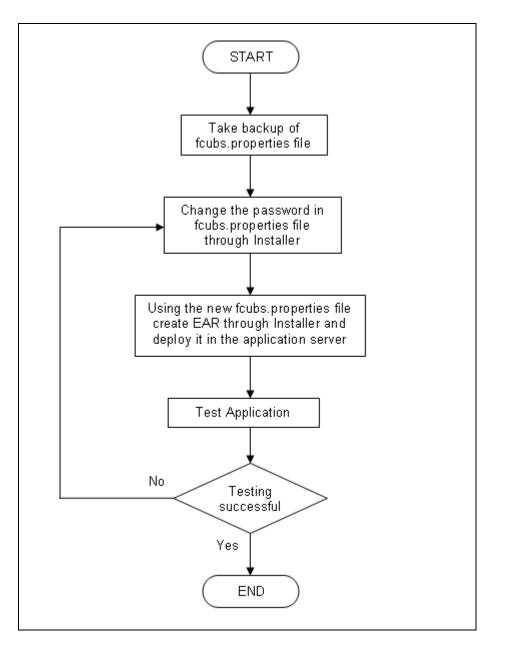
Try the above process in UAT or any other test environment before you change the password in a production environment.

## 5.5 Changing BIP Administrative Console Password

This section describes the process of changing the BI Publisher server password.

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





### 5.5.1 Prerequisites

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

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

### 5.5.2 Changing BIP Server Password

To change the password of BIP 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. You need to modify the following field:



#### **BIP Password**

Specify the new password

- 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

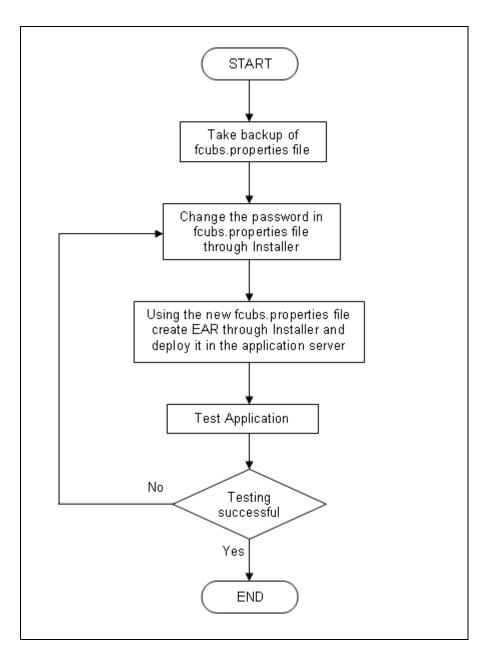
Try the above process in UAT or any other test environment before you change the password in a production environment.

### 5.6 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.





### 5.6.1 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.

#### 5.6.2 Changing BIP Server Password

To change the password of DMS 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.



- 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.





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