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

FINANCIAL SERVICES

Table of Contents

1. AB	OUT THIS MANUAL	
1.1 1.2	INTRODUCTION	
1.3	ORGANIZATION	
1.4	RELATED DOCUMENTS	
2. OR	ACLE FLEXCUBE PASSWORD CHANGE	
2.1	INTRODUCTION	
3. CH	ANGING PASSWORDS IN ORACLE WEBLOGIC	
3.1	INTRODUCTION	
3.2	CHANGING HOST SCHEMA PASSWORD	
3.2.		
3.2.	2 Changing Host Schema Password	
3.3	CHANGING SCHEDULER DATA SOURCE PASSWORD	
3.3.		
3.3.	2 Changing Scheduler Data Source Password	
3.4	CHANGING GATEWAY DATA SOURCE PASSWORD	
3.4.		
3.4.	2 Changing Gateway Data Source Password	

1. About this Manual

1.1 Introduction

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

1.2 Audience

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

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

1.3 Organization

This manual is organized into the following chapters:

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

1.4 Related Documents

Oracle FLEXCUBE Installation Guide



2. Oracle FLEXCUBE Password Change

2.1 Introduction

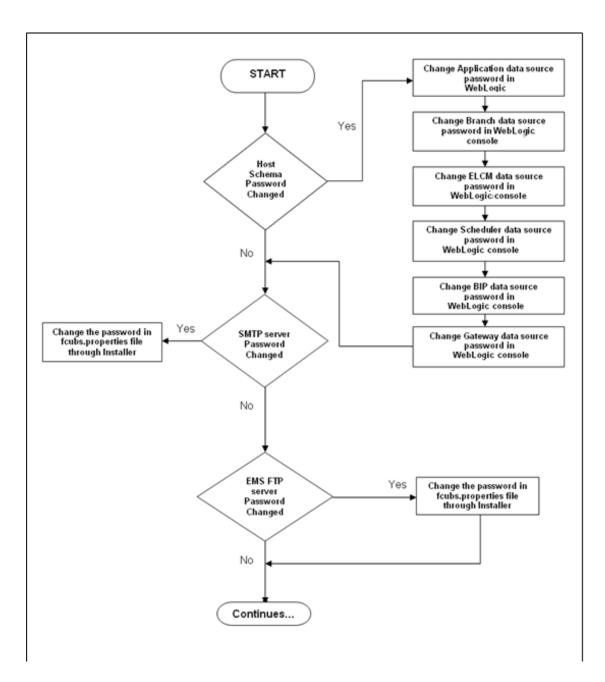
This chapter explains the process of changing the passwords of data sources associated with Oracle FLEXCUBE.

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

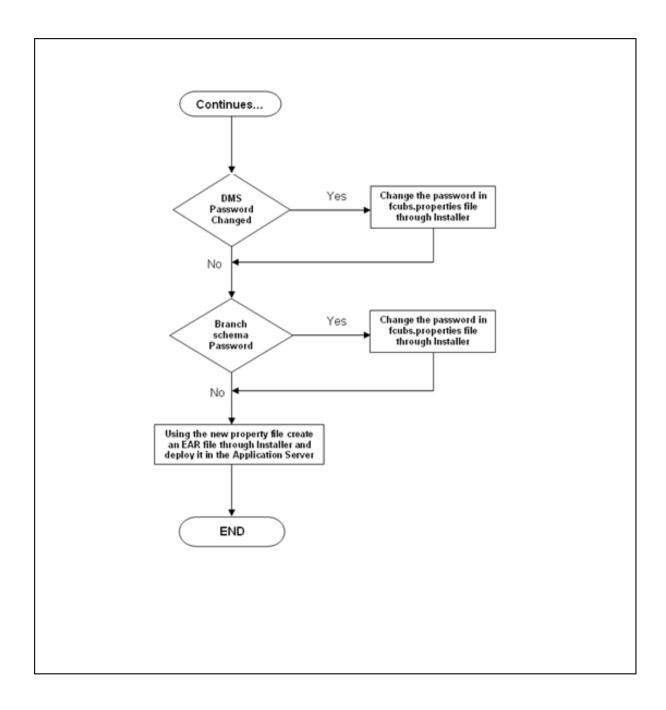
- Oracle FLEXCUBE Host Schema
- Scheduler Data Source
- ELCM Data Source
- Gateway Data Source
- Branch Data Source

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











3. Changing Passwords in Oracle WebLogic

3.1 Introduction

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

3.2 Changing Host Schema Password

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

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

3.2.1 Prerequisites

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

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

This completes the prerequisites.



3.2.2 Changing Host Schema Password

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

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

	dministration	n Console							0	
Change Center		g Out Preference	s 🔤 Reco	rd Help		G			Welcome, weblogic Connected to: base_domain	
View changes and restarts	Home > Summary of JDBC Data Sources > FCUBDs									
Configuration editing is enabled. Future	Settings for FCUBDs									
changes will automatically be activated as you modify, add or delete items in this domain.	Configuration Targets Monitoring Control Security Notes									
Domain Structure	General	Connection Pool	Oracle	ONS	Transaction	Diagnostics	Identity Options			
bsse_domain Deployments Deployments Dervices Data Sources Pervices Persitent Stores	Save The connection pool within a JDBC data source contains a group of JDBC connections that applications reserve, use, and then return to the pool. The connection pool and the connections within it are created when the connection pool is registered, usually when starting up VMBLogic Server or when deploying the data source to a new target. Use this page to define the configuration for this data source's connection pool.									
Foreign JNDI Providers Work Contexts XML Registries XML Entity Caches	街 URL:		jdbc:oracle:thin:@10.184.74.142:1521:KERDEV3						the database to connect to. The format of the URL varies by JDBC re Info	
	dE Driver Class Name: oracle.jdbc.OracleDriver							database co	The full package name of JDBC driver class used to create the physical database connections in the connection pool. (Note that this driver class must be in the classpath of any server to which it is deployed.) More Info	
How do I 😑	Proper	ties:							roperties passed to the JDBC driver that are used to create	
Configure testing options for a JDBC data source Configure the statement cache for a JDBC connection pool Configure credential mapping for a JDBC data source	user=FC	1131IUT							abase connections. For example: server wobserver 1. List each alue pair on a separate line. More Info	
System Status Health of Running Servers Faled (0) Critical (0) Overloaded (0) Warning (0)	System Properties:							to create ph	ystem Propertes names passed to the JDBC driver that are used ysical database connections. For example: server-edberver1. List ty-walue pair on a separate line. More Info	
OK (2)	街 Passwo	ord:	••	•••••	•••••	••			rd attribute passed to the JDBC driver when creating physical innections. More Info	
	Confirm Pa	ssword:	••	•••••	•••••	••				

5. Change the password. Use the following fields:

Password

Specify the new password.

Confirm Password

Specify the new password again.



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

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

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

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

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

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



Changing Password in Decentralized Setup

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

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

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

2. You need to modify the following field:

Password

Specify the new password for the branch schema

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

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

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



3.3 Changing Scheduler Data Source Password

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

3.3.1 Prerequisites

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

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

This completes the prerequisites.



3.3.2 Changing Scheduler Data Source Password

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

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

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

5. Change the password. Use the following fields:

Password

Specify the new password.

Confirm Password

Specify the new password again.

6. Click 'Save'.



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

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

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

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

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

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



3.4 Changing Gateway Data Source Password

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

3.4.1 Prerequisites

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

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

This completes the prerequisites.



3.4.2 Changing Gateway Data Source Password

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

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

modity, acc or delete items in this domain.	Configuration Targets Mon	itoring Control Security Notes	
Domain Structure	General Connection Pool C	Drade ONS Transaction Diagnostics Identity Options	
base_domain A B - Environment	Save		
Deployments			
Hervices Hessaging Hessaging Hold Sources Persistent Stores Foreign INDI Providers Hord Contexts	are created when the connection	C data source contains a group of JOBC connections that applications rese pool is registered, usually when starting up WebLogic Server or when dep uration for this data source's connection pool.	rive, use, and then return to the pool. The connection pool and the connections within it loying the data source to a new target.
XML Registries XML Entity Caches jCOM	街 URL:	jdbc:oracle:thin:@10.10.10.10:1010:KERDEV3	The URL of the database to connect to. The format of the URL varies by JDBC driver. More Info
	👸 Driver Class Name:	oracle.jdbc.xa.client.OracleXADataSource	The full package name of JDBC driver class used to create the physical database connections in the connection pool. (Note that this driver class must be in the classpath of any server to which it is deployed.) More Info
How do I			
Configure testing options for a JDBC data source	Properties: user=FC1131IUT		The list of properties passed to the JDBC driver that are used to create physical database connections. For example: server=dbserver1. List each property=value pair on a separate line. More Info
 Configure the statement cache for a JDBC connection pool 			
Configure credential mapping for a JDBC data source			
System Status	System Properties:		The list of System Properties names passed to the JDBC driver that are used
Health of Running Servers Failed (0) Critical (0) Overloaded (0) Warning (0) Ok (2)			to create physical distabase connections. For example: server-ubserver1. List each property=value pair on a separate line. More Info
	👘 Password:	••••••	The password attribute passed to the JDBC driver when creating physical database connections. More Info
	Confirm Password:	••••••	
	Initial Capacity:	1	The number of physical connections to create when creating the connection pool. More Info
	Maximum Capacity:	15	The maximum number of physical connections that this connection pool can contain. More Info

5. Change the password. Use the following fields:

Password

Specify the new password

Confirm Password

Specify the new password again



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

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

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

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







Oracle FLEXCUBE Password Change [December] [2023] Version 14.7.3.0.0

Oracle Financial Services Software Limited Oracle Park Off Western Express Highway Goregaon (East) Mumbai, Maharashtra 400 063 India

Worldwide Inquiries: Phone: +91 22 6718 3000 Fax:+91 22 6718 3001 www.oracle.com/financialservices/

Copyright © [2007], [2023], Oracle and/or its affiliates.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

This software or hardware and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

