Oracle FLEXCUBE Password Change Oracle FLEXCUBE Universal Banking Release 14.4.0.3.0 [February] [2021]



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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

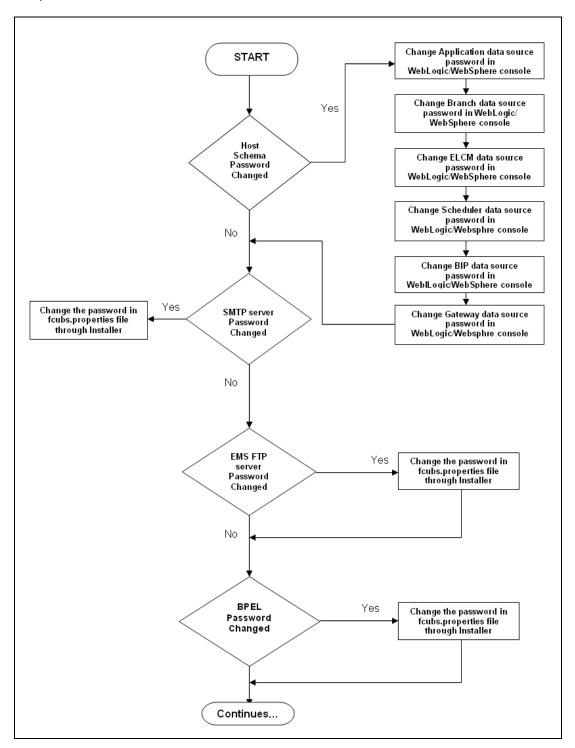
2.1 Introduction

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:

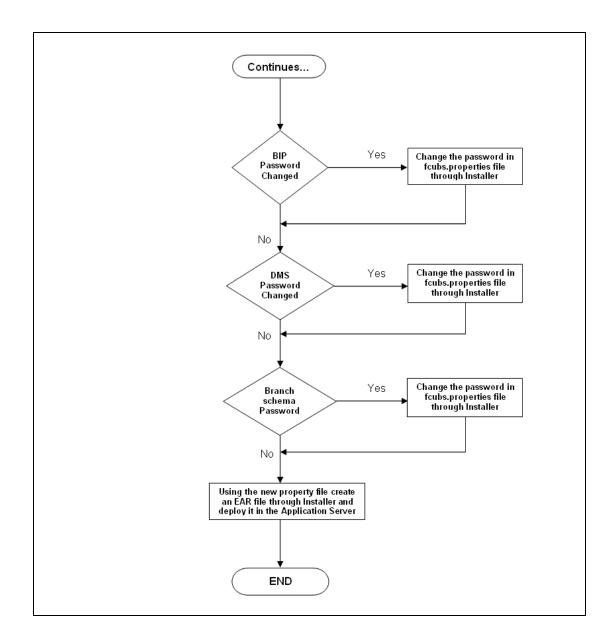
- Oracle FLEXCUBE Host Schema
- Scheduler Data Source
- ELCM Data Source
- BI Publisher Data Source
- Gateway Data Source
- Branch Data Source





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.



	dministrati	on Console									õ	
Change Center	🔒 Home	Log Out Preferences	Recor	rd Help			2			Welcome, weblog	ic Connected to: base_domain	
View changes and restarts	Home >Su	immary of JDBC Data S	Sources >FO	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	ation Targets N	Aonitoring	itoring Control Security Notes								
Domain Structure	General	Connection Pool	Oracle	ONS	Transaction	Diagnostics	Identity Options					
base_domain	Save											
Deployments												
Erservices Erseaging □-Data Sources	are creat	ted when the connect	tion pool is n	egistered	d, usually whe	en starting up	WebLogic Server or v				and the connections within it	
Persistent Stores Foreign JNDI Providers	Use this ;	page to define the co	nfiguration	for this d	ata source's o	connection po	əl.					
Work Contexts XML Registries XML Entity Caches	روب URL:				jdbc:oracle:thin:@10.184.74.142:1521:KERDEV3					The URL of the database to connect to. The format of the URL varies by JDBC driver. More Info		
jCOM Mail Sessions File T3	Caracle jdbc. OracleDriver								The full package name of JDBC driver class used to create the physical database connections in the connection pool. (Note that this driver class must be in the classpath of any server to which it is deployed.) More Info			
How do I	🚝 Prope	erties:								passed to the JDBC driver		
Configure testing options for a JDBC data source	user=F	7C1131IUT								nnections. For example: se on a separate line. More !		
Configure the statement cache for a JDBC connection pool												
 Configure credential mapping for a JDBC data source 						~						
System Status	System I	Properties:									ne JDBC driver that are used ample: server=dbserver1. List	
Health of Running Servers						- Committee		e	each property=value	pair on a separate line.	More Info	
Faled (0) Critical (0)												
Overloaded (0)												
Warning (0) OK (2)	👍 Passu	word:	••	•••••	•••••	•••			The password attribu database connection	ite passed to the JDBC driv s. More Info	er when creating physical	
	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	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.	Hessages							
Settings for FCUBDs								
Domain Structure	Configuration Targets Monitoring Control Security Notes							
base_domain	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 - More 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						
 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 atfliates. 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	hange Center 🙆 Home Log Out Preferences 🖉 Record Help						
View changes and restarts	Home >Summary of JDBC Data Sources						
Configuration editing is enabled. Future	Messages						
changes will automatically be activated as you modify, add or delete items in this domain.	Test of FCUBDs on server ManagedServer was successful.						
	Settings for FCUBDs						
Domain Structure	Conferences Transfer Harden Constant Constant						
base_domain	Configuration Targets Monitoring Control Security Notes						
Environment	Statistics Testing						
Deployments							
⊖-Services ⊕-Messaging	Use this page to test database connections in this JDBC data source.						
T-Data Sources							
Persistent Stores							
Foreign JNDI Providers	Customize this table						
Work Contexts	e customize uns cube						
XML Registries	Test Data Source (Filtered - More Columns Exist)						
XML Entity Caches	Test Data Source						
jCOM	Test bata source						
-File T3	Server						
How do I 🗉	O 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	10.10.10.10						
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.

	dministration Con	sole								Q
Change Center	🔒 Home Log Out	Preferences	Record Help		G				Welcome, weblogic	Connected to: base_domain
View changes and restarts	Home >Summary of	f JDBC Data Sour	rces >FCUBS_Sche	edulerDS						
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 Moni	itoring Control	Security	Notes					
Domain Structure	General Conne	ction Pool	Dracle ONS	Transaction	Diagnostics	Identity Options				
base_domain ▲ ⊕ Environment → →Deployments ⇒ ⊕ Sources ⇒ ⊕ Hessigning → →Deta Sources → → Persitent Stores → → Foreign JNDI Providers → →Wirk Contexts → →Wirk Explores → →Wirk Explores → →Wirk Explores → → Mail Sessions → → File T3 ▼	are created when	the connection	DBC data source contains a group of JDBC connections that applications reserve, us on pool is registered, usually when starting up WebLogic Server or when deploying t infiguration for this data source's connection pool. jdbc:oracle thin @10.184.74.142.1521:KERDEV3 oracle jdbc.xa.client.OracleXADataSource					use, and then return to the pool. The connection pool and the connections within it g the data source to a new target. The LIRL of the database to connect to. The format of the LIRL varies by JDBC driver. More Info The full package name of JDBC driver class used to create the physical database connections in the connection pool. (Pute that the driver class must be in the database of for		
How do 1 Configure testing options for a JDBC data source Configure the statement cache for a JDBC configure credential mapping for a JDBC data Source Configure credential mapping for a JDBC data	Properties: user=FC1131	IUT					Th	e list of properties pass ysical database connec	sed to the JDBC driver th	hat are used to create /er=dbserver1. List each
System Status Image: Control of Running Servers Health of Running Servers Failed (0) Critical (0) Critical (0) Overloaded (0) Warring (0)	System Properti	ies:						The list of System Properties names passed to the 108C driver that are used to create physical database connections. For example: server-diserver1. Lis each property-evalue par on a separate line. More Info		
OK (2)	街 Password:		•••••	•••••	••			e password attribute p tabase connections.	assed to the JDBC driver More Info	r when creating physical
	Confirm Passwor	rd:	•••••	•••••	••					

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 editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain. Domain Structure base_domain ① Environment ① Depoinments	Hone > Summary of JDBC Data Sources Messages Test of FOUBS_SchedulerOS on server ManagedServer was successful. Settings for FCUBS_SchedulerDS Configuration Targets Honitoring Control Security Notes Statistics Testing	
Services Horsaging Data Sources Persistent Stores Forcian JNDI Providers	Use this page to test database connections in this JDBC data source.	
Work Contexts XML Registries XML Entity Caches 	Test Data Source (Filtered - More Columns Exist)	Showing 1 to 1 of 1 Previous Next
Mail Sessions	Server	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® Administration Console								
Change Center	🔒 Home Log Out Preferences 🔤 Record Help							
View changes and restarts	Home >Summary of JDBC Data Sources							
-	Messages							
Configuration editing is enabled. Future changes will automatically be activated as you								
modify, add or delete items in this domain.								
	Settings for FCUBS_SchedulerDS							
Domain Structure								
base_domain	Configuration Targets Monitoring Control Security Notes							
Environment	Statistics Testing							
Deployments								
Ê-Services								
	Use this page to test database connections in this JDBC data source.							
Data Sources								
Persistent Stores								
Foreign JNDI Providers	Customize this table							
XML Registries								
	Test Data Source (Filtered - More Columns Exist)							
	Test Data Source							
Mail Sessions								
File T3	Server							
How do I 🗆	O ManagedServer							
Test JDBC data sources	Test Data Source							
Test sobe data sources	ייש ואפען אואל פער							



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							Q	
Change Center	Home Log Out Preferences	; 🔤 Record Help			۹		Welcome, weblogic	Connected to: base_domain	
View changes and restarts	Home >Summary of JDBC Data S	iources >FCUB5_Sch	edulerDS >Sum	imary of JDBC	Data Sources >FCUBS	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 M	Ionitoring Contro	ol Security						
Domain Structure	General Connection Pool	Oracle ONS	Transaction	Diagnostics	s Identity Options				
base_domain	Save								
DeploymentsServicesBreasagingData SourcesPersistent StoresPersistent StoresPersistent StoresPersistent StoresPersistent StoresPersistent Stores		tion pool is registere	d, usually when	n starting up	WebLogic Server or w	ons reserve, use, and then return to hen deploying the data source to a n		the connections within it	
-Work Contexts	🤁 URL:	RL: jdbc: oracle:thin:@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.jdb	c.OracleDrive	database connec	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:						ties passed to the JDBC driver that e connections. For example: server		
Configure testing options for a JDBC data source Configure the at-standard and for a JDBC	user=FC11311U1						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:					to create physical	n Properties names passed to the J al database connections. For examp value pair on a separate line. More	ble: server=dbserver1. List	
Failed (0)									
Critical (0) Overloaded (0)									
Warning (0) OK (2)	🏀 Password:	•••••	•••••	•			tribute passed to the JDBC driver v ctions. More Info	/hen 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® 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 > Messages					
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Pressages Pre					
Domain Structure	Settings for FCUBS_ELCMDs					
base domain	Configuration Targets Monitoring Control Security Notes					
B -Environment → Deployments B -Services B -Messaging → Data Sources	Statistics Testing Use this page to test database connections in this JDBC data source.					
Persistent Stores Foreign JNDI Providers Work Contexts XML Registries	Customize this table Test Data Source (Filtered - More Columns Exist)					
XML Entity Caches jCOM Mail Sessions	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.

3.5 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.



ORACLE BI Publisher Enterprise	Welcome, administrator Preferences Sign Out Help
Reports Schedules Admin	
Admin > JDBC > Update Data Source: Oracle BI EE	
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	Orade BI FF
	Oracle BL Server
	oracle.bi.jdbc.AnaJdbcDriver
	Example: oracle.jdbc.OracleDriver)
* Connection String	jdbc:oraclebi://HOST:PORT/
	v.
* Username	Administrator
Password	••••••
Pre Process Function	
Post Process Function	
Post Process Function	
	Use Proxy Authentication
	Test Connection
Security	
	Available Roles Allowed Roles
	Move 🔿
	Move All
	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
Image: State		

- 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.



modiry, add or delete items in this domain.				~				
	Configuration	Targets N	Ionitoring	Control	Security	Notes		
Domain Structure	General Co	nnection Pool	Oracle	ONS	Transaction	Diagnostics	Identity Options	
base_domain	Save			0.10		- age and a second		
"Deployments "Services Defats Sources "Data Sources "Persitient Stores "Foreign 3NDI Providers "Work Contexts "VMK Contexts "VMK Registries	are created w		tion pool is r	egistered for this di	l, usuallý whe ata source's c	n starting up Vi	/ebLogic Server or w	ons reserve, use, and then return to the pool. The connection pool and the connections within it inter deploying the data source to a new target. The URL of the database to connect to. The format of the URL varies by ZDBC
XML Entity Caches 	~		jdb	c:oracle	:thin:@10.	10.10.10:101	0:KERDEV3	driver. More Info
How do I	街 Driver Cla	iss Name:	ora	icle.jdbc	.xa.client.C	DracleXAData	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 Configure the statement cache for a JDBC	user=FC11							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
connection pool Configure credential mapping for a JDBC data source								
System Status Health of Running Servers	System Prop	erties:						The list of System Properties names passed to the JDBC driver that are used to create physical database connections. For example: server-adbserver1. List each property-wake pair on a seconate line. More Info
Faled (0) Critical (0) Overloaded (0) Warning (0) OK (2)								each property=wave par on a separate ine. Prore unro
	街 Password	Ŀ	••	•••••	•••••	•••		The password attribute passed to the JDBC driver when creating physical database connections. More Info
	Confirm Pass	word:	••	•••••	••••••	•••		
	Initial Capaci	ity:	1					The number of physical connections to create when creating the connection pool. More Info
	Maximum Ca	pacity:	15					The maximum number of physical connections that this connection pool can contain. More \ensuremath{Info}
	Conservation Transm							

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	A 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 I Sources >FLEXTEST.WORLD >Summary of JDBC Data Sources >FLEXTEST.WORLD)ata Sources >F			
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Messages				
Domain Structure	Settings for FLEXTEST.WORLD				
base_domain	Configuration Targets Monitoring Control Security Notes				
Deployments	Statistics Testing				
Bervices Data Sources Data Sources Persistent Stores Work Contexts Work Contexts Work Contexts Work Leptyty Caches	Use this page to test database connections in this JDBC data source. Customize this table Test Data Source (Filtered - More Columns Exist)				
jCOM Mail Sessions	Test Data Source				
How do I	Server	State			
Test JDBC data sources	ManagedServer	Running			
Test JDBC data sources Configure testing options for a JDBC data source	Test 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.

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						<u> </u>		
Change Center	🙆 Home Log Out Prefe	ences 🔤 Record H	elp	Q			Welcome, weblogic Connected to: base_domain		
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 Target	s Monitoring Co	ntrol Security	Notes					
Domain Structure	General Connection	Pool Oracle ON	6 Transaction	Diagnostics	Identity Options				
base_domain	Save								
		nnection pool is regist	ered, usually whe	n starting up V	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:or	acle:thin:@10.	10.10.10:10	10:KERDEV3		The URL of the database to connect to. The format of the URL varies by JDBC driver. More Info		
	🍘 Driver Class Name	oracle.	dbc.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	🚝 Properties:						The list of properties passed to the JDBC driver that are used to create		
 Configure testing options for a JDBC data source 	user=FC1131IUT			-			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				7					
System Status	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		
Health of Running Servers				<u> </u>			each property=value pair on a separate line. More Info		
Failed (0)									
Critical (0) Overloaded (0)				_					
Warning (0)				<u></u>					
OK (1)	Password:	•••••	•••••	••			The password attribute passed to the JDBC driver when creating physical database connections. More $\ensuremath{Info}\xspace.$		
	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.



	dministration Console	Q				
Change Center	🔒 Home Lag 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.	Home >Summary of Servers >Summary of JDBC Data Sources > FCUBSBranch Messages					
Domain Structure base_domain Greenvironment	Configuration Targets Monitoring Control Security Notes					
	Use this page to test database connections in this JDBC data source. Customize this table Test Data Source (Filtered - More Columns Exist)					
How do L.	Test Data Source	Showing 1 to 1 of 1 Previous Next State				
Test JDBC data sources Configure testing options for a JDBC data source	Test Data Source	Running Showing ito 10f1 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	Cell=DDHP0520Node01Cell, Profile=AppSrv01	Close page
= Welcome	Global security	2 -
Guided Activities	Global security	
Servers	Use this panel to configure administration and the default application securit	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 applications.	ity domains can be defined to override and customize the security policies for user
Services		
Resources	Security Configuration Wizard Security Configu	uration Report
Security Global security Global security Security domains Administrative Authorization Groups SSL certificate and key management Security auditing Besuite security Denvironment System administration Users and Groups Monitoring and Tuning Troubleshooting Service integration UDD1	Administrative security Administrative user roles. Administrative user roles. Administrative arour roles. Administrative arour roles. Administrative arour roles. Administrative available arour roles. Administrative available arour roles. Application security Java 2 security Java 2 security Java 2 security Sava 2 security to restrict application access to local resources Warn if applications are granted custom permissions Restrict access to resource authentication date User account repository Current realm definition Federated repositories Available realm definitions Federated repositories Configure 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	
View: All tasks	Cell=IPL189DORNode06Cell, Profile=AppSrv0	5		Close page
= Welcome	Global security		? -	Help _
Guided Activities	Global security > JAAS - J2C authentication	data		Field help
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 	Prefix new alias names with the node n	ame of the cell (for compatibility with ea	arlier releases)	marker when the help cursor is displayed.
 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
E Security				
= Global security	Select Alias 🗢	User ID 🗇	Description 🗘	
 Security domains Administrative Authorization Groups 	You can administer the following resources	1		
 SSL certificate and key management 	IPL189DORNode06/LA1465R2	LA1465R2	LA1465R2	
 Security auditing Bus security 	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 V Uew: All tasks Uelcome Ueged Activities Sanvers	Cell=1PL189DORNode06Cell, Profile=AppSrv06 Stobal security Stobal security > 2AAS - 22C authentication data > 1PL189DORNode06/LA1465R2	Close page Help - Field help For field help information,
Server Types WebSphere Application servers WebSphere MQ servers Web servers Web servers	Specifies a list of user identities and passwords for Java(TM) 2 connector security to use. General Properties * Alias [IPLLS9DORNode06/LA1465R2 & User ID LA1465R2	select a field label or list marker when the help cursor is displayed. Page help More information about this page Command Assistance
E Services	* Password	View administrative scripting command for last action
Security Global security Global security Security domains Administrative Authorization Groups SSL certificate and key management Security auditing Bus security	Description LA1465R2 Apply OK Reset Cancel	
E Environment		
System administration Users and Groups Monitoring and Tuning Troubleshooting		
Service integration 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		i 🔛 IBM.		
View: All tasks	Cell=IPL189DORNode06	Cell, Profile=AppSrv06			100.0		Close page		
Welcome	Data sources					2 -	Help		
Guided Activities							Field help		
		Messages							
Servers		The test connection op IPL189DORNode06 was su	eration for data source LATAM on server se accessful.	rver1 at node			For field help informa select a field label or marker when the hel		
Server Types							cursor is displayed.		
 WebSphere application servers WebSphere MO servers 	Data sources						Page help		
 Web servers 			rce that is associated with your selected JD				More information abo		
	your application with	connections for accessing	the database. Learn more about this task				this page		
Applications	a list of task steps ar	nd more general informati	on about the topic.				Command Assistance		
1 Services	Scope: =All scope	s					View administrative scripting command for		
Resources	Scone spec	ifies the level at which the	resource definition is visible. For detailed i	information on			action		
= Schedulers	what scope	is and how it works, <u>see t</u>	he scope settings help.						
 Object pool managers 	All scope	-	~						
⊞ JMS									
E JDBC	Preferences								
 JDBC providers Data sources 	New Delete T	est connection Manag	pe state						
 Data sources Data sources (WebSphere Application Server 									
V4)									
Resource Adapters	Select Name 🔿	JNDI name 🖒	Scope 🔿	Provider 🔿	Description 🖒 C	ategory 🔿			
Asynchronous beans		the following resources:		Ť					
Cache instances	Default	DefaultDatasource	Node=IPL189DORNode06,Server=server1	Derby JDBC	Datasource				
Mail	Datasource	Derestostasource		Provider	for the				
					WebSphere				
Resource Environment					Application				
Security Global security	E FCUBS Branch Datasource	jdbc/fcjBranchDS	Node=IPL189DORNode06,Server=server1	Oracle JDBC Driver (XA)	New JDBC Datasource				
Security domains Administrative Authorization Groups	ECUES Schedi	<u>uler</u> jdbc/fcjSchedulerDS	Node=IPL189DORNode06,Server=server1	Oracle JDBC Driver (XA)	New JDBC Datasource				
 SSL certificate and key management Security auditing 	ELEXTEST.WO	RLD 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				
Environment	Total 5								
System administration									
Users and Groups									
■ Monitoring and Tuning									
Troubleshooting									
E Service integration									

- 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
	Cell=DDHP0520Node01Cell, Profile=AppSrv01	
View: All tasks	Global security	cione paga
= Welcome	Global security	4-
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 ty domains can be defined to override and customize the security policies for user
Applications	applications.	cy domains can be defined to override and costomize the secondy policies for user
E Services		
E Resources	Security Configuration Wizard Security Configu	ration Report
E Security	Administrative security	
Global security Security domains Administrative Authorization Groups SSL certificate and key management	Enable administrative security = Administrative user roles = Administrative croup roles = Administrative authentication	Authentication mechanisms and expiration Image: I
Security auditing Bus security Environment	Application security Enable application security	(This function is currently disabled. See the IBM Support site for possible future updates.) Kerberg configuration
Environment System administration	Java 2 security	SWAM (deprecated): No authenticated communication between servers
	Use Java 2 security to restrict application access to local resources	Authentication cache settings
Users and Groups	Warn if applications are granted custom permissions	Web and SIP security
Monitoring and Tuning	Restrict access to resource authentication data	RMI/IIOP security
Troubleshooting	User account repository	Java Authentication and Authorization Service
E Service integration	Current realm definition	 Application logins System logins
I UDDI	Federated repositories	= J2C authentication data Specifies a list of Javb(TM) Authentication and
	Available realm definitions Federated repositories Configure Set as current	Use realm-qualified user naAuthorization Service (JAAS) logic configurations that are used by system resources including the authentication mechanism, principal mapping, and redential mapping. Available
		Security domains Control reporting and the security domains Security domains
	Apply Reset	

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

Integrated Solutions Console Welcome			Help Logout	
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
Servers	Specifies a list of user identities and passwo		1154	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			Page help More information about this page
Applications	Preferences			Command Assistance
⊞ Services	New Delete			View administrative
H Resources				scripting command for last action
E Security				
= Global security	Select Alias 💠	User ID 🗇	Description 🗇	
= Security domains	You can administer the following resources	1		
 Administrative Authorization Groups SSL certificate and key management 	IPL189DORNode06/LA1465R2	LA1465R2	LA1465R2	
 Socientificate and key management Security auditing 	Total 1			
= Bus security	Total 1			
Environment				
E System administration				
E Users and Groups				
Monitoring and Tuning				
■ Troubleshooting				
E 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
-		
View: All tasks	Cell=IPL189DORNode06Cell, Profile=AppSrv06	Close page
= Welcome	Global security	? – Help –
E 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 WebSphere application servers WebSphere MQ servers Web servers Web servers	General Properties Alias [DDLSBDDRNode06/LA1465R2 User ID	markar when the help cursor is displayed. Page help More information about this case
Applications	LA1465R2	Command Assistance
Services	* Password	View administrative scripting command for last
E Resources	•••••	action
Security Global security Global security Global security Authorization Groups SSL certification Groups SSL certificate and key management SSL certificate and key management Bus accurity	LA145SR2	
Environment		
E System administration		
🗄 Users and Groups		
Monitoring and Tuning		
E Troubleshooting		
Service integration		
E UDDI		

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					Help Logout			
View: All tasks	Cell=IPL189DORNode06Ce	ell, Profile=AppSrv06					Close page	
	Data sources					3	Help	
= Welcome							incip.	
Guided Activities	🗄 Mes	sages					Field help For field help informat	
Servers		The test connection operation for data source FCUBS Scheduler Data source on server server1 at node IPL189DORNode06 was successful.						
E Server Types	at	at hole IPLIABOOKNODEVE WAS succession.						
WebSphere application servers							cursor is displayed.	
 WebSphere MQ servers Web servers 	Data sources						Page help More information above	
= webservers			ince that is associated with your selected JD the database. Learn more about this task				this page	
Applications	a list of task steps and			and a general activ		, promosa	Command Assistance	
E Services	Scope: =All scopes						View administrative	
Resources	C		resource definition is visible. For detailed i				scripting command for action	
= Schedulers			he scope settings help.	information on				
 Object pool managers 	All scopes		~					
I JMS	Anscopes							
I JDBC	Preferences							
 JDBC providers Data sources 	New Delete Test	connection Mana	ne state					
 Data sources Data sources (WebSphere Application Server)(
V4)								
Resource Adapters	Select Name 🔿	JNDI name 🖒	Scope A	Provider 🔿	Description 🔿	Category A		
	You can administer the			~				
■ Cache instances	Default	DefaultDatasource	Node=TPI 189DQ8Node05.Server=server1	Darky 1000	Datasource			
🗄 Mail	Datasource	DeraultDatasource	Node=IPLI89DOKNOde06,Server=server1	Provider	for the			
					WebSphere			
Resource Environment					Application			
Global security	E FCUBS Branch Datasource	jdbc/fcjBranchDS	Node=IPL189DORNode06,Server=server1	Oracle JDBC Driver (XA)	New JDBC Datasource			
Security domains Administrative Authorization Groups	ECUBS Schedule	g jdbc/fcjSchedulerDS	Node=IPL189DORNode06,Server=server1	Oracle JDBC Driver (XA)	New JDBC Datasource			
 SSL certificate and key management 	FLEXTEST.WORL	D FLEXTEST, WORLD	Node=IPL189DORNode06,Server=server1	Oracle JDBC Driver (XA)	New JDBC Datasource			
 Security auditing Bus security 		jdbc/fcjdevDS	Node=IPL189DORNode06,Server=server1		New JDBC Datasource			
Environment	Total 5				Datasource			
System administration	Totaro							
Users and Groups								
Monitoring 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.



Integrated Solutions Console Welcome admin		Help Logout
View: All tasks	Cell=DDHP0520Node01Cell, Profile=AppSrv01	Close
= Welcome	Global security	
■ Guided Activities	Global security	
E Servers		ity policy. This security configuration applies to the security policy for all administ
■ Applications	functions and is used as a default security policy for user applications. Securapplications,	rity domains can be defined to override and customize the security policies for u
E Services		
E Resources	Security Configuration Wizard Security Config	juration Report
B Security B Security Control of the security B Security Authorization Groups S SE certificate and key management S Security auditing B Bus security B Environmant B System administration B System administration B Security B Anitoring and Tuning Troubleshooting B Service integration B UVDD1	Administrative security Administrative security Administrative administrative account and administrative admi	Authentication Authentication mechanisms and expiration

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

Integrated Solutions Console Welcome			Help Logo	ut 1997 - 19
View: All tasks	Cell=IPL189DORNode06Cell, Profil	e=AppSrv06		Close pag
= Welcome	Global security			? - Help .
Guided Activities	Global security > JAAS - J2C au	thentication data		Field help For field help information,
E Servers	Specifies a list of user identities	and passwords for Java(TM) 2 conn	ector security to use.	select a field label or list
 Server Types WebSphere application servers 	Prefix new alias names with	the node name of the cell (for com	patibility with earlier releases)	marker when the help cursor is displayed.
 WebSphere MQ servers Web servers 	Apply			Page help More information about this page
■ Applications	Preferences			Command Assistance
E Services	New Delete			View administrative scripting command for last
				action
E Security				
= Global security	Select Alias 🗇	User ID 🗇	Description 🛇	
 Security domains Administrative Authorization Groups 	You can administer the followin	-		
SSL certificate and key management	IPL189DORNode06/LA14	65R2 LA1465R2	LA1465R2	
 Security auditing Bus security 	Total 1			
Environment				
E System administration				
🗄 Users and Groups				
■ Monitoring and Tuning				
Troubleshooting				
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
E 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
E Server Types	General Properties	marker when the help cursor is displayed.
 WebSphere application servers 	* Alias	
 WebSphere MQ servers 	IPL189DORNode06/LA1465R2	Page help
 Web servers 	* User ID	More information about this page
Applications	LA1465R2	Command Assistance
E Services	* Password	View administrative
E Resources	•••••	scripting command for last action
E Security	Description LA1465R2	
 Global security 		
 Security domains 		
Administrative Authorization Groups	Apply OK Reset Cancel	
 SSL certificate and key management 		
 Security auditing Bus security 		
Environment		
System administration		
Users and Groups		
Monitoring and Tuning		
■ Troubleshooting		
Service integration		
E 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.



 Barver 3 Barver 7/268 WedSphere application servers Barver 7/268 Barver 7/268 Barver 7/268 WedSphere application servers Barver 7/268 Barver 7/268	Integrated Solutions Console Welcome					Help Logout		i 😸 IEM.		
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= Security auditing 2454/042 Univer (XA) Datasource = Bus security			FLEXTEST.WORLD	Node=IPL189DORNode06,Server=server1						
Second		gateway								
System administration Users and Groups	 Bus security 		jdbc/fcjdevDS	Node=IPL189DORNode06,Server=server1	LA1465R2					
E Users and Groups	Environment	Total 5								
	System administration									
	■ Users and Groups									
	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	2 -
Guided Activities	Global security	
E Servers		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. Securit applications.	ty domains can be defined to override and customize the security policies for user
E Services		
E Resources	Security Configuration Wizard Security Configur	ration Report
Security Glabal security Security demains Administrative Authorization Groups Security auditing Busia security Bevicroment System administration Joars and Groups Monitoring and Tuning Service integration Joroubishooting Service integration Jupp1	Administrative security Administrative security Image: Security Administrative authentication Application security Enable application security Java 2 security Enable applications are granted custom permissions Restrict access to resource authentication data User access to resource authentication data User access to resource authentication Federated repositories Available Available Autorities Apply Reset	Authentication 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	i 🕄 📓 IBM
View: All tasks	Cell=IPL189DORNode06Cell, Profile=AppSrv0	6		Close page
= Welcome	Global security		4-	Help
Guided Activities	Global security > JAAS - J2C authentication	data		Field help For field help information,
E Servers	Specifies a list of user identities and passwo	ords for Java(TM) 2 connector security to	use.	select a field label or list
 Server Types WebSphere application servers 	Prefix new alias names with the node n	ame of the cell (for compatibility with ea	arlier releases)	marker when the help cursor is displayed.
 WebSphere MQ servers Web servers 	Apply			Page help More information about this page
Applications	Preferences			Command Assistance
E Services	New Delete			View administrative scripting command for last
E Resources				action
Security				
= Global security = Security domains	Select Alias 🗇	User ID 🗘	Description 🗇	
 Security domains Administrative Authorization Groups 	You can administer the following resources			
 SSL certificate and key management 	IPL189DORNode06/LA1465R2	LA1465R2	LA1465R2	
 Security auditing Bus security 	Total 1			
Environment				
E System administration				
■ Users and Groups				
Monitoring and Tuning				
Troubleshooting				
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 <u>Testing Gateway Data Source Password Change</u>

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=IPL189D	ORNode06Cell	, Profile=AppSrv06					
Welcome	Data sources						2 -	Hel
E Guided Activities		🗄 Messi						F
Servers			-	eration for data source FLEXTEST, WORLD o	ateway on serve	er server1 at		F
Server Types			IPL189DORNode06		,			
 WebSphere application servers 								c
= WebSphere MQ servers	Data sourc	es						
 Web servers 	Use this pa	age to edit the	settings of a datasou	rce that is associated with your selected JD	BC provider. Th	e datasource obje	ect supplies	1
Applications	your applic a list of ta:	ation with conn sk steps and m	ections for accessing ore general informati	the database. Learn more about this task on about the topic.	in a <u>quided acti</u>	<u>vity</u> . A guided acti	ivity provides	
T Services		=All scopes	-					
Resources								
= Schedulers				resource definition is visible. For detailed i he scope settings help.	information on			1
 Schedulers Object pool managers 			IG HOW IC HOIKS, MEET					
II JMS		All scopes		~				
E JDBC	F Preferer	nces						
= JDBC providers								
= Data sources	New De	New Delete Test connection Manage state						
 Data sources (WebSphere Application Server V4) 	O O							
■ Resource Adapters	Select Nat	me 🔿	JNDI name 🖒	Scope 🖒	Provider 🔿	Description ()	Category ()	
Asynchronous beans	You can a	dminister the f	ollowing resources:					
Cache instances		fault	DefaultDatasource	Node=IPL189DORNode06.Server=server1	Derby 1DBC	Datasource		
Mail		tasource	bendentbettebente		Provider	for the		
URL Resource Environment						WebSphere Default		
						Application		
Security		JBS Branch tasource	jdbc/fcjBranchDS	Node=IPL189DORNode06,Server=server1	Oracle JDBC Driver (XA)	New JDBC Datasource		
 Global security 		JBS Scheduler	idbc/fciSchedulerDS	Node=IPL189DORNode06.Server=server1		New IDBC		
 Security domains Administrative Authorization Groups 		ta source	joscrigschedulerbs	hose-receiperor and a server	Driver (XA)	Datasource		
 SSL certificate and key management 		XTEST.WORLD	FLEXTEST.WORLD	Node=IPL189DORNode06,Server=server1	Oracle JDBC Driver (XA)	New JDBC Datasource		
 Security auditing Bus security 		<u>FAM</u>	jdbc/fcjdevDS	Node=IPL189DORNode06,Server=server1	LA1465R2	New JDBC Datasource		
E Environment	Total 5							
E System administration								
Users and Groups								
E Monitoring and Tuning								
E Troubleshooting								
E Service integration								
E 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 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.

4.6.2 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	Global security	
Servers		v policy. This security configuration applies to the security policy for all administrative
Applications		ty domains can be defined to override and customize the security policies for user
E Services	approxima.	
E Resources	Security Configuration Wizard Security Configu	iration Report
Security Global security Global security Global security domains Administrative Authorization Groups SSL certificate and key management Security auditing	Administrative security Enable administrative security = <u>Administrative accurcles</u> = <u>Administrative accurcles</u> = <u>Administrative authentication</u>	Authentication mechanisms and expiration Image: TPA Kerberos and LTPA This function is currently disabled. See the IBM Support site for
= Bus security	Enable application security	possible future updates.)
Environment		Kerberos configuration O SWAM (deprecated): No authenticated communication between servers
E System administration	Java 2 security Use Java 2 security to restrict application access to local resources	SWAM (deprecated): No authenticated communication between servers Authentication cache settings
E Users and Groups	Use Java 2 security to restrict application access to local resources Warn if applications are granted custom permissions	Web and SIP security
Monitoring and Tuning	Restrict access to resource authentication data	RMI/IIOP security
Troubleshooting		Java Authentication and Authorization Service
Service integration	User account repository Surrent realm definition	= Application logins
I UDDI	Federated repositories	 System logins 12C authentication data
	Available realm definitions Federated repositories Set as current	Specifies a list of Java(TIN) Authentication and Use realm-qualified user na Authorization Service (JAAS) login configurations that are used by system resources including the authentication
	Apply Reset	Inecharism, principal mapping, and credential mapping. You Sacurits: domains Esternal authorization providers Custom procenties Custom procenties

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	TEM.				
View: All tasks	Cell=IPL189DORNode06Cell, Profile=AppSrv	/06		Close page				
= Welcome	Global security		2.	– Help –				
Guided Activities	Global security > JAAS - J2C authenticati	on data		Field help For field help information,				
E Servers	Specifies a list of user identities and pass	Specifies a list of user identities and passwords for Java(TM) 2 connector security to use.						
Server Types WebSphere application servers	Prefix new alias names with the node	name of the cell (for compatibility with (earlier releases)	marker when the help cursor is displayed.				
 WebSphere MQ servers Web servers 	Apply			Page help More information about this page				
Applications	Preferences			Command Assistance				
E Services	New Delete			View administrative scripting command for last				
H Resources				action				
E Security								
 Global security 	Select Alias 🛟	User ID 💲	Description 🗘					
 Security domains Administrative Authorization Groups 	You can administer the following resource							
 SSL certificate and key management 	IPL189DORNode06/LA1465R2	LA1465R2	LA1465R2					
 Security auditing Bus security 	Total 1							
Environment								
System administration								
🗄 Users and Groups								
H Monitoring and Tuning								
I Troubleshooting								
Service integration								
IDDI 🖽								

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)	ielp Logout		lem.
View: All tasks	Cell=IPL18	9DORNode06Cell,	Profile=AppSrv06					Close page
= Welcome	Data sourc	es					2 -	Help
Guided Activities		E Messa						Field help
			-	aration for data source FCUBS Branch Datas		convert at		For field help informati select a field label or li
E Server Types			IPL189DORNode06 1					marker when the help
 WebSphere application servers 								cursor is displayed.
 WebSphere MQ servers 	Data so	urces						Page help
= Web servers	Use this	page to edit the s	ettings of a datasou	rce that is associated with your selected JDI	BC provider. The	datasource obje	ct supplies	More information about this page
Applications			actions for accessing to ore general information	the database. Learn more about this task i	in a <u>quided activ</u>	ity. A guided acti	vity provides	
Services		e: =All scopes	are general monitor.					Command Assistance View administrative
								scripting command for
Resources				resource definition is visible. For detailed i he scope settings help.	nformation on			action
= Schedulers = Object pool managers		what scope is an	d how it works, see t	he scope settings help.				
 Object pool managers IMS 		All scopes		~				
	E Prefe							
= JDBC providers	E Preis	rences						
= Data sources	New	Delete Test co	nnection Manag	e state				
 Data sources (WebSphere Application Server 								
V4)		1 🗱 🧐						
Resource Adapters	Select	Name 🛟	JNDI name 🗘	Scope 🗘	Provider 🗘	Description 🗘	Category 🗇	
Asynchronous beans Cache instances	You ca	n administer the fo	lowing resources:					
E Cache Instances		Default	DefaultDatasource	Node=IPL189DORNode06,Server=server1		Datasource		
E Mail		Datasource			Provider	for the WebSphere		
E OKL						Default		
						Application		
Security		FCUBS Branch Datasource	jdbc/fcjBranchDS	Node=IPL189DORNode06,Server=server1	Oracle JDBC Driver (XA)	New JDBC Datasource		
= Global security			adha/faicahadulaang	Node=IPL189DORNode06,Server=server1		New JDBC		
 Security domains Administrative Authorization Groups 		Data source	jubor rejschedulerbs	Node-IPCI05DOKNODEUB,Server=server1	Driver (XA)	Datasource		
 Administrative Authorization Groups SSL certificate and key management 			FLEXTEST.WORLD	Node=IPL189DORNode06,Server=server1		New JDBC		
 Security auditing 		gateway			Driver (XA)	Datasource		
 Bus security 		LATAM	jdbc/fcjdevDS	Node=IPL189DORNode06,Server=server1	LA1465R2	New JDBC Datasource		
Environment	Total S							
System administration	Total							
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:

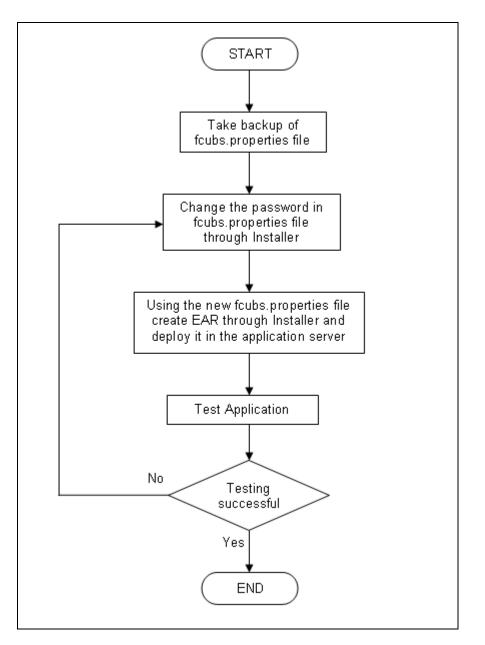
- SMTP Server
- EMS FTP Server
- BPEL Server
- BIP Server
- DMS Server

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			
0 111		samplename.mail.com	
2 User l	d	infra	
3 User F	Password	•••••	
4 JNDIN	Name	mail/FCUBSMail	

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

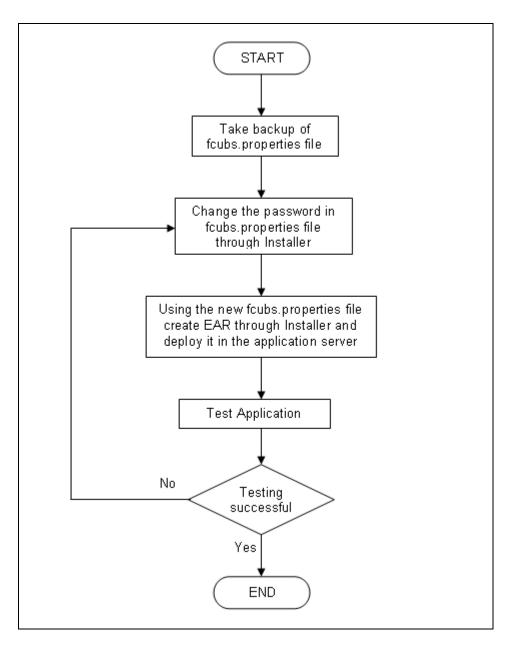
Try the above process in UAT or any other test environment before you change the password in a production environment.

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

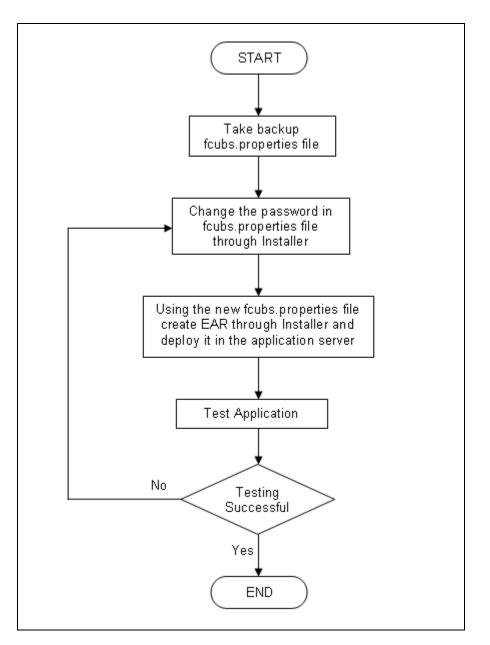
Try the above process in UAT or any other test environment before you change the password in a production environment.

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

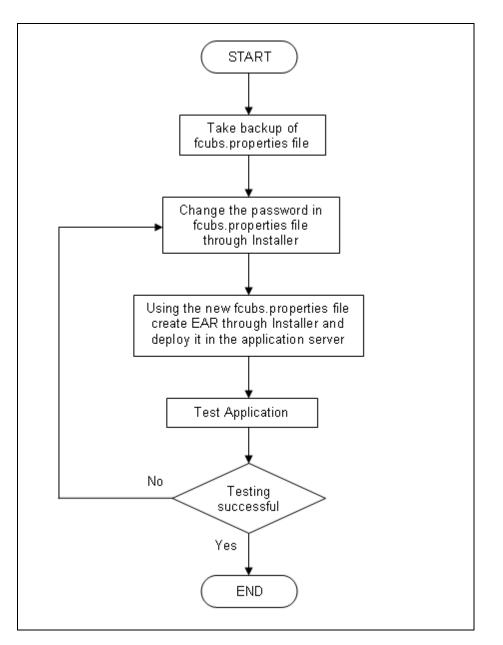
Try the above process in UAT or any other test environment before you change the password in a production environment.

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

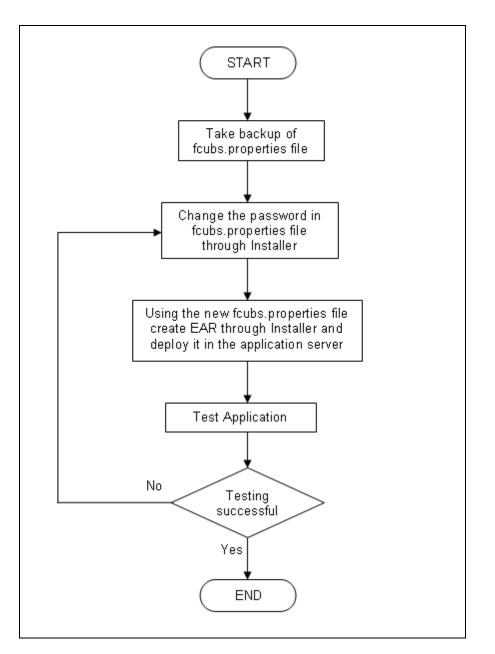
Try the above process in UAT or any other test environment before you change the password in a production environment.

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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