FCUBS Application Deployment in Weblogic Oracle FLEXCUBE Universal Banking Release 12.3.0.0.0 [December] [2016]



# **Table of Contents**

1.	FL	EXCUBE UNIVERSAL BANKING SOLUTIONS1	-1
1	.1	FCUBS APPLICATION FULL DEPLOYMENT 1	-1
1	.2	FCUBS APPLICATION PARTIAL DEPLOYMENT 1	-1



# 1. FLEXCUBE Universal Banking Solutions

This document describes step to install FCUBS application into weblogic server in full and partial deployment modes.

Please refer "FCUBS Manual Deployment WL" to install jersey-bundle before deployment of FCUBS application.

## 1.1 FCUBS Application Full Deployment

1. Launch Oracle FLEXCUBE Universal Banking Solution Installer.

🔬 Oracle FLEXCUBE Universal Installer						
Oracle FLEXCUBE Un	ORACLE					
Prerequisites						
Please specify the JDK and Orac	de Home path.					
JDK Path	C:/Program Files/Java/jdk1.7.0_79	🛍				
Oracle Home	C:/oracle/app/product/12.1.0/dbhome	_1 📔				
Application Server Home	C:/Oracle/Middleware/Oracle_Home/	wlserver 📄				
Application Server Location	Local 🔻					
Log	Back	Next Exit				

Enter the following details

JDK Path:

Provide Home folder path of JDK1.7

## **Oracle Home**

Provide home folder path of Oracle Client or Database

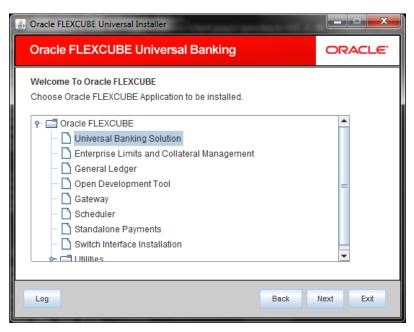
## **Application Server Home**

Provide home folder path of Application Server

## **Application Server Location**

Select location of the application server either local or remote

2. Click on 'Next' and the following screen is displayed:



- 3. Select 'Universal Banking Solution'.
- 4. Click 'Next' and the following screen is displayed:

실 Oracle FLEXCUBE Universal	Installer		- • •				
Oracle FLEXCUBE	Universal Banking		ORACLE				
Welcome To Oracle FLEXCUBE Choose Oracle FLEXCUBE Component for installation. Property File							
Database Build Application							
Deploy Application							
Release	KERNEL						
Server's Operating System	Windows 👻						
Application Server	Weblogic 💌						
DataBase Server	Oracle						
Log		Back	Next Exit				

- 5. Select 'Deploy Application'.
- 6. Specify the following details:



## Release

Select the release in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

## Server's Operating System

Select the server's operating system in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

## **Application Server**

Select 'Weblogic' from the adjoining drop down list.

## **Database Server**

Select the database server in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

7. Once you have specified all the details , click 'Next' and the following screen is displayed:

실 Oracle FLEXCUBE Universal Installer		x				
Oracle FLEXCUBE Univers	ORACL	€.				
Application Deployment Provide server details for connecting to the server.						
Name	Value					
Admin IP	10.10.10.10					
Admin Port	1111					
Admin Username	<user_name></user_name>					
Server Admin Password	•••••					
	Test Connection					
Type of Deployment	ull Deployment					
Log	Back	Next Exit				

8. Specify the following details:

## Admin IP

By default it will display local host and user can not edit it.

## Admin Port

Specify the port number of weblogic server.

## Admin UserName

Specify the appropriate admin username of the weblogic application server.

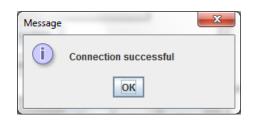
## Admin Password

Specify the appropriate admin password of the weblogic application server.

## **Type of Deployment**

Select 'Full Deployment'.

9. Click 'Test Connection' to test the connection with the application server. On successful connection, the following screen is displayed:



10. Click 'OK' and the following screen is displayed:

Oracle FLEXCUBE Universal Installer						
Oracle FLEXCL	ORACLE					
Application deployment Provide the Application Details For the Deployment of EAR						
EAR Path	/Please use the browse button/					
Property File Path						
Application Name						
Application Context						
	Manage Resources					
Log		Back	Next Exit			

11. Specify the following details:

## EAR Path

Specify the location. You can use the directory button to browse and select the directory.

The Application EAR path cannot be copied and pasted on to the text box, thereby demanding the use of the browse button to the select the EAR.

## **Property File Path**

If the property file is internal to the application EAR, it gets displayed here on selection of EAR path. If the property file is external, specify the location. You can use the directory button to browser and select the directory.



## **Application Name**

Application name gets displayed on selection of EAR path.

## **Application Context**

Application context gets displayed on selection of EAR path.

#### Manage Resources

Check this box if resources are to be created along with deployment.

12. Click 'Next' and the following screen is dispayed:

🛃 Oracle FLEXCUBE Universal Installer						
Oracle FLEXCUBE Universal Banki	ing	ORACLE				
Application deployment						
This screen lists the Resources that are required	I for Deployment					
Resource Name	Resource	Туре				
INIT_DATASOURCE	DataSource					
SCHEDULER_DS	DataSource					
GIUPLOAD_MDB_JMS_QCF	Queue Connecti	on Factory 😑				
NOTIFY_MDB_JMS_DLQ_CF	Queue Connecti	on Factory				
EMS_EXT_QCF	Queue Connecti	on Factory				
NOTIFY_MDB_JMS_QCF	Queue Connecti	on Factory				
EMS_INT_QCF	Queue Connecti	on Factory				
BIP_MDB_JMS_QCF	Queue Connecti	on Factory				
NOTIFY_MDB_JMS_DEST_Q_QCF	Queue Connecti	on Factory				
DEFFERED_MDB_JMS_DEST_Q_QCF	Queue Connecti	on Factory 🚽				
DIDADVICE MOD INC DLO	Qualia	· · ·				
Log	Back	Next Exit				

The current screen shows a list and type of resources that are created.

13. Click 'Next' and the following screen is displayed:



🛓 Oracle I	FLEXCUBE Univ	versal Installer				
Oracl	Oracle FLEXCUBE Universal Banking					
	Application deployment Please select the resource and update the details					
Entity Nam	ENT1		•			
Resource	ID BRANCH	I_CENTRALIZED_DS_EN	🔻 🗌 Same	e schema fo	r all DS	
S.No.	Pr	operty Name	Prop	perty Value		
2	DataSource 1	Гуре	XA		<b></b>	
3	Schema Use	rName	scott			
4	Schema PAs	sword	•••••		=	
5	IP Address		localhost			
6	Port Number		1521			
7	Service Nam	e	orcl.in.oracle.co	m	<b>•</b>	
Test C	connection	Save Changes	Modify JDBC u	ırl		
Log				Back	Next Exit	

Specify the following details:

#### **Entity Name**

Select the entity name from the drop down. For each entity in entity name enter below details and save changes (unless 'same schema for all DS' checked). This is visible only for Multi Entities.

#### **Resource ID**

Select the data source needs to get created from the adjoining drop down list. Enter below details for each resource id, click "test connection" then click "save changes"

#### Same schema for all DS

If this checkbox is checked, then same schema details will be applied to all entities. This is applicable only for Multi Entities.

#### DataSource Driver

specified the jdbc driver url with which the connection is established. Ex: oracle.jdbc.OracleDriver for Non-XA datasources

#### DataSource Type

Specifies the type of datasource that is to be created. The resource INIT\_DATASOURCE must be NXA type and others must be XA.

#### Schema Username

specified the username of the schema to which the connection is established.

## Schema Paasword

specifies the password of the schema.

#### **IP Address**

specifies to provide the host address of the scema.

#### Port Number

provide the port number of schema.

#### Service Name provide the schema name.

## **Initial Capacity**

The number of physical connections to create when creating the connection pool in the data source

#### Maximum Capacity

The maximum number of physical connections that this connection pool can contain.

#### **Capacity Increment**

The increment by which this JDBC connection pool's capacity is expanded.

#### Shrink Frequency

The number of seconds to wait before shrinking a connection pool that has incrementally increased to meet demand.

#### **Connection Reserve Timeout**

The number of seconds after which a call to reserve a connection from the connection pool will timeout.

- 14. Click 'Save Changes' to save the values provided In the table against corresponding value of resource ID.
- 15. Click 'Test Connection' to establish connection with required details provided in the table.

## Modify JDBC Url

Check this box to modify the JDBC URL.

16. Click 'Next' and following screen is displayed:



Soracle FLEXCUBE Universal Installer	
Oracle FLEXCUBE Universal Banking	ORACLE
JDBC Url JDBC url to get connected to the Application server Resource ID jdbc:oracle:thin:@10.10.10.10:1234:Test	
Test Connection Save Changes	
Log Back	Next Exit

**17.** Specify the following details:

#### **Resource ID**

It provides the list of all the datasources created. Select the data source for which the JDBC url needs to be modified from the adjoining drop down list.

The URL generated from the previous screen will be displayed here. If the user wants to change the URL. it can be changed in the present screen.

- 18. Click 'Test Connection' to check the connection using the changed url, If the url changed is correct the connection will be success.
- 19. Click on 'Save Changes' for saving the changed JDBC url
- 20. Click 'Next' and the following screen is displayed.



실 Oracl	e FLEXCU	BE Universal Installer				
Ora	Oracle FLEXCUBE Universal Banking					
		Deployment Ivironment details for deployment				
Domair	n Name	Default_domain	Get	Details		
S.No. 1 2 3 4	AdminSe Manage ClusterT AVAST	dServer				
Log			Back	Next Exit		

21. Specify the following details:

System displays the weblogic domains name.

- 22. Click 'Get Details' and the list of available servers are displayed:.
- 23. Check the box against one of the server's name.

Atleast one server should be selected to proceed to next screen. Click 'Next' and the following screen is displayed:

🛃 Oracle FLEXCUBE Universal Installer	- • •
Oracle FLEXCUBE Universal Banking	ORACLE
Application Full Deployment	
Current screen Displays the status of Applications being deployed.	
	<b></b>
	=
	-
Start Deployment	
·	
Log Back	Next Exit
Log	Next Exit

24. Click 'Start Deployment' to begin the process of application deployment.

On successful deployment, the following screen is displayed:

## ORACLE

Message	×
i	Application FCUBSApp123 deployed successfully
	OK

25. Click 'OK' and the following screen is displayed:

🛃 Oracle FLEXCUBE Universal Installer	- • ×
Oracle FLEXCUBE Universal Banking	ORACLE
Application Full Deployment Current screen Displays the status of Applications being deployed.	
Application FCUBSApp123 deployed successfully.	
Start Deployment Back	vext Exit

If the deployment is not successfull, the 'Undeploy button gets enabled.

🙆 Oracle FLEXCUBE Universal Installer	
Oracle FLEXCUBE Universal Banking	ORACLE
Application Partial Deployment Current screen Displays the status of Applications being deployed.	
Log Back	Next Exit

26. Click 'Undeploy' for undeploying the partially deployed EAR from the server.



## 1.2 FCUBS Application Partial Deployment

- 1. Launch Oracle FLEXCUBE Universal Banking Solution Installer.
- 2. Click 'Next' and the following screen is displayed:



- 3. Select 'Universal Banking Solution'.
- 4. Click 'Next' and the following screen is displayed:

🕌 Oracle FLEXCUBE Universal	Installer		
Oracle FLEXCUBE	Universal Banking		ORACLE
Welcome To Oracle FLEXC	UBE		
Choose Oracle FLEXCUBE	Component for installation.		
Property File			
Database			
Build Application			
Deploy Application			
Release	KERNEL 💌		
Server's Operating System	Windows 👻		
Application Server	Weblogic 👻		
DataBase Server	Oracle 👻		
Log		Back	Next Exit



- 5. Specify the following details:
- 6. Select 'Deploy Application'.
- 7. Specify the following details:

## Release

Select the release in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

## Server's Operating System

Select the server's operating system in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

#### **Application Server**

Select 'Weblogic' from the adjoining drop down list.

## **Database Server**

Select the database server in which you are installing the FCUBS application. Select the appropriate one from the adjoining drop-down list.

8. Click 'Next' and the following screen is displayed:.

🙆 Oracle FLEXCUBE Universal Installer			- • 💌
Oracle FLEXCUBE Universal Banking		0	RACLE
Application Deployment Provide server details for connecting to the server.			
Name	Value		
Admin IP	10.10.10.10		
Admin Port	1111		
Admin Username	<user_name></user_name>		
Server Admin Password	•••••		
	Test Connection		
Type of Deployment	Partial Deployment		
Log	Back	Next	Exit

Specify the appropriate admin username of the weblogic application server.

## Admin IP

By default it will display local host and user can not edit it.

#### **Admin Password**

Specify the appropriate admin password of the weblogic application server.



## Type of Deployment

Select 'Partial Deployment'.

9. Click 'Test Connection' to test the connection with the application server. On successful connection, the following screen is displayed:

Message		x
i	Connection successful	
	ОК	

10. Click 'OK' and the following screen is displayed:

Oracle FLEXCUBE Univ	ersal Installer		
Oracle FLEXCU	BE Universal Banking	0	RACLE
Application deploymen Provide the Application	t Details For the Deployment of EAR		
EAR Path	/Please use the browse button/		
Property File Path			
Application Name			
Application Context			
	Manage Resources		
Log	в	ack Next	Exit

11. Specify the following details:

## EAR PATH

Specify the path of the ear which is to be deployed.

## **Property File Path**

If the property file is internal to the application EAR, it gets displayed here on selection of EAR path. If the property file is external, specify the location. You can use the directory button to browser and select the directory.

## **Application Name**

Application name gets displayed on selection of EAR path.

## **Application Context**

Application context gets displayed on selection of EAR path.

## ORACLE

## **Manage Resources**

This checkbox is disabled as manage resource is not supported in partial deployment.

12. Click on 'Next' and the following screen is displayed:

실 Oracle FLEXCUE	3E Universal Installer		
Oracle FLE	XCUBE Universal Banking		ORACLE
Application Part			
	nvironment details for deployment		
Domain Name	Default_domain	G	iet Details
S.No.	Application Name		Deploy
Log		Back	Next Exit
LUg		Баск	Next

- 13. System displays the weblogic domain name.
- 14. Click 'Get Details' to list all the applications deployed on weblogic application server.

## **Application Name**

15. Specify the application to be patched.

If no application is available then partial deployment cannot be proceeded further.

16. Click 'Next' and the following screen is displayed:



Stracle FLEXCUBE Universal Installer	
Oracle FLEXCUBE Universal Banking	ORACLE
Application Partial Deployment Current screen Displays the status of Applications being deployed.	
Start Deployment	
Log Back	Next Exit

- 17. Click 'Start Deployment' to start the partial/patch deployment.
- 18. On successful partial deployment the following screen is displayed:

Message	X
i	Patch 12.0.3.1.0 has been applied successfully
	ОК

19. Click 'OK' and the following screen is displayed:



🛃 Oracle FLEXCUBE Universal Installer	
Oracle FLEXCUBE Universal Banking	ORACLE
Application Partial Deployment Current screen Displays the status of Applications being deployed.	
Patch 12.0.3.1.0 has been applied successfully. Please restart the server.	
Log Back	Next Exit

20. Restart the server for changes pertaining to the deployed patch to reflect.





FCUBS Application Deployment in Weblogic [Dec] [2016] Version 12.3.0.0.0

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, 2016, Oracle and/or its affiliates. All rights reserved.

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.