FCUBS Application Deployment in Websphere
Oracle FLEXCUBE Universal Banking
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1. **FLEXCUBE Universal Banking Solutions**

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

Please refer the document “FCUBS_Manual_Deployment_WAS” for additional configuration which needs to be done after deployment.

1.1 **Application Full Deployment**

1. Launch Oracle FLEXCUBE Universal Banking Solution Installer.

![Installer Screen](image)

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 ‘Next’ and the following screen is displayed:

4. Click ‘Next’ and the following screen is displayed:

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 ‘Websphere’ 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:

![Oracle FLEXCUBE Universal Banking](image)

8. Specify the following details:

**Admin IP**

Not applicable.

**Admin Port**

Not applicable.

**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:

![Connection successful message]

10. Click ‘OK’ and the following screen is displayed:

![Application deployment dialog]

11. Specify the following details:

**EAR Path**

Specify the application EAR to be deployed using the browse button.

⚠️ 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 displayed:

![Screenshot of the deployment screen with input fields for Application Name, Status, Cell Name, Node Name, Target Type, Server Name, and Cluster Name.]

13. Specify the following details

**Application Name**

Not applicable for application full deployment.

**Status**

Not applicable for application full deployment.

**Cell Name**

Specify the appropriate Cell Name.

**Node Name**

Specify the appropriate Node Name.

**Target Type**

Specify the appropriate target type.

**Server Name**

Specify the appropriate server name, if the selected target type is ‘Server’.

**Cluster Name**

Specify the appropriate cluster name, if the selected target type is ‘Cluster’.
The values fed in the above screen are not validated at the screen level as a result of a limitation and hence, please provide accurate information.

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

![Oracle FLEXCUBE Universal Banking]

15. Click on 'Start Deployment' to begin the process of application deployment. On successful deployment, the following screen is displayed:

![Message]

16. Click 'OK' and the following screen is displayed:
17. If the deployment is not successful, the ‘Undeploy button gets enabled.

18. Click ‘Undeploy’ for undeploying the partially deployed EAR from the server.
1.2 **UBS Application Partial Deployment**

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

4. Click ‘Next’ and the following screen is displayed:

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 ‘Websphere’ 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. Click ‘Next’ and the following screen is displayed:

8. Specify the following details:

Admin IP
Not applicable.

Admin Port
Not applicable.

Admin UserName
Specify the appropriate admin username of the websphere application server.

Admin Password
Specify the appropriate admin password of the websphere 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:

![Connection Successful](image1)

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

![Deployment Screen](image2)

11. Specify the following details:

**Deployed EAR Location**

Specify a valid deployed EAR location of the application that is to be patched.

Ex. (LINUX) - /IBM/WebSphere/AppServer/profiles/AppSrv01/installedApps/xxxxx-PCNode01Cell/FCUBSApp.ear

Ex. (WINDOWS) - D:\IBM\WebSphere\AppServer\profiles\AppSrv01\installedApps\xxxxx-PCNode01Cell\FCUBSApp.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.

**Patch Source Path**

Specify a valid patch source path.
12. Click ‘Next’ and the following screen is displayed:

Click on ‘Get Details’ to list all the applications deployed on websphere application server.

*The Installer would take 10-15 seconds of processing time to fetch the details.*

**Application Name**

Select the application to be patched from the drop down.

*The Installer would take 7-10 seconds of processing time to fetch the Status, Cell Name and Node Name on selection of the Application Name.*

**Status**

Status gets displayed on selection of the application name.

**Cell Name**

Cell Name gets displayed on selection of the application name provided the application is UP.

**Node Name**

Node Name gets displayed on selection of the application name provided the application is UP.

**Target Type**

Not applicable for Application Partial Deployment.

**Server Name**

Not applicable for Application Partial Deployment.

**Cluster Name**

Not applicable for Application Partial Deployment.
13. Click on “Next” to display the screen below.

14. Click on ‘Start Deployment’ to start the partial/patch deployment. On successful partial deployment, the following screen is displayed:

Click ‘OK’ and the following screen is displayed:

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