REST API Services Deployment in WebSphere
Oracle FLEXCUBE Universal Banking
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1. FLEXCUBE Universal Banking Solutions

This document describes step to install REST Services into WebSphere application server in full.

1.1 REST API Services Full Deployment

1. The following jars needs to be placed in the {WAS_Installed_Location}/IBM/WebSphere/AppServer/lib/ext folder of the server and restart.
   
   a. ojdbc6.jar
   b. eclipselink.jar
   c. jettison-1.3.7.jar

2. Before deploying the EAR, please create an XA Datasource jdbc/fcliteAPIDS that will be referring to the API DB

3. Launch WebSphere console following screen will be displayed.

![WebSphere Integrated Solutions Console](image)

Userld :

enter user name
4. Click on ‘Log in’ and the following screen is displayed:

5. Expand Applications from the left panel and the following screen will be displayed.
6. Expand Application Types from the left panel and the following screen will be displayed.

7. Select WebSphere enterprise allocations and the following screen will be displayed.
8. Click on Install and the following screen will be displayed.

Choose File
Browse and select the EAR file.

9. Click Next and the following screen will be displayed.

10. Click Next and the following screen will be displayed.
11. Click Next and the following screen will be displayed.

12. Click Next and the following screen will be displayed.
13. Click Next and the following screen will be displayed.

14. Click Finish and the following screen will be displayed and Save the EAR deployed.
15. Once the EAR is deployed click on WebSphere enterprise applications following screen will be displayed where the deployed EAR can be found in resources column.

16. Check the application/EAR and click on Start the following screen will be displayed and your application will be in running.
Note: Before deploying the EAR, please create an XA Datasource `jdbc/fcliteAPIDS` that will be referring to the API DB. More details of creating the data source can be found in the Resource Creation document.

1.2 **Enabling logs for REST Application**

1. Launch WebSphere console following screen will be displayed.
User Id:

- enter user name

2. Click on 'Log in' and the following screen is displayed:
3. Expand ‘Servers’ from the left panel and the following screen is displayed:

![Image of the 'Servers' panel with 'Server Types' expanded]

- Expand ‘Server Type’ and Click WebSphere application servers and the following screen is displayed:

![Image of the 'Application servers' panel]
5. Click server1 and the following screen is displayed:

![Server Properties Window]

6. Click Diagnostic trace service and the following screen is displayed:
7. Click Change log detail levels and the following screen is displayed:

Change log detail levels
Add the entry com.off.*=all to the existing entry (i.e., now it will be *=info: com.ofss.*=all)
8. Restart the server post the change

9. The logs will now be written into the log area that is specified in the configuration Application servers > server1 > Diagnostic trace service.