REST API Services Deployment in WebSphere
Oracle FLEXCUBE Investor Servicing
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This document describes step to install REST Services into WebSphere application server in full.

1.1 REST API Services Full Deployment

Before deploying the EAR, please create a Datasource jdbc/FCJDevDSSMS that will be referring to the API DB. More details of creating the data source can be found in the Resource Creation document.

Launch WebSphere console following screen will be displayed.

UserID: Enter user name password
Click on ‘Log in’ and the following screen is displayed:

Expand Applications from the left panel and the following screen will be displayed.
Expand Application Types >> WebSphere application type from the left panel and the following screen will be displayed.

Click on Install and the following screen will be displayed. Click Browse to select required rest EAR files.
The following screen is displayed:

Choose File

Browse and select the EAR file.
Click Next and the following screen will be displayed.

![Enterprise Applications](image1)

Click Next and the following screen will be displayed.

![Enterprise Applications](image2)
Click Next and the following screen will be displayed.
Click Next and the following screen will be displayed.

Click Next and the following screen will be displayed.
Click Finish and the following screen will be displayed and Save the EAR deployed.

Application FCSRUnitholderRestServiceService installed successfully.

To start the application, first save changes to the master configuration. Changes have been made to your local configuration. You can:

- [Save](#) directly to the master configuration.
- [Compare](#) changes before saving or discarding.

To work with installed applications, click the "Manage Applications" link.

Manage Applications
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.

Check the application/EAR and click on Start the following screen will be displayed and your application will be in running.
The following screen is displayed:

![Enterprise Applications Screen]

Note: Above steps are same for GWRESTEJB also.
After installation click on the service (This step is done to generate swagger.json)

Click On Class loading and update detection
Select Class loaded with local class loader first (parent last) and click Apply.

Click Save.
1.2 Enabling Logs for REST Application

Launch WebSphere console following screen will be displayed.

User ID: Enter user name
Click on ‘Log in’ and the following screen is displayed:

Expand ‘Servers’ from the left panel and the following screen is displayed:
Expand ‘Server Type’ and Click WebSphere application servers and the following screen is displayed:

Click server1 and the following screen is displayed:
Click Diagnostic trace service and the following screen is displayed:

![Diagnostic Trace Service Screen]

Click Change log detail levels and the following screen is displayed:

![Change Log Detail Levels Screen]

Change log detail levels

Add the entry com.off.*=all to the existing entry (i.e., now it will be *=info: com.ofss.*=all)

Restart the server post the change

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