REST API Services Deployment in Weblogic

Oracle FLEXCUBE Universal Banking

Release 14.4.0.3.0

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# 1. FLEXCUBE Universal Banking Solutions

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

Prerequisite:

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.

1.1 REST API Services Full Deployment

1. Launch weblogic console, the following screen is displayed.
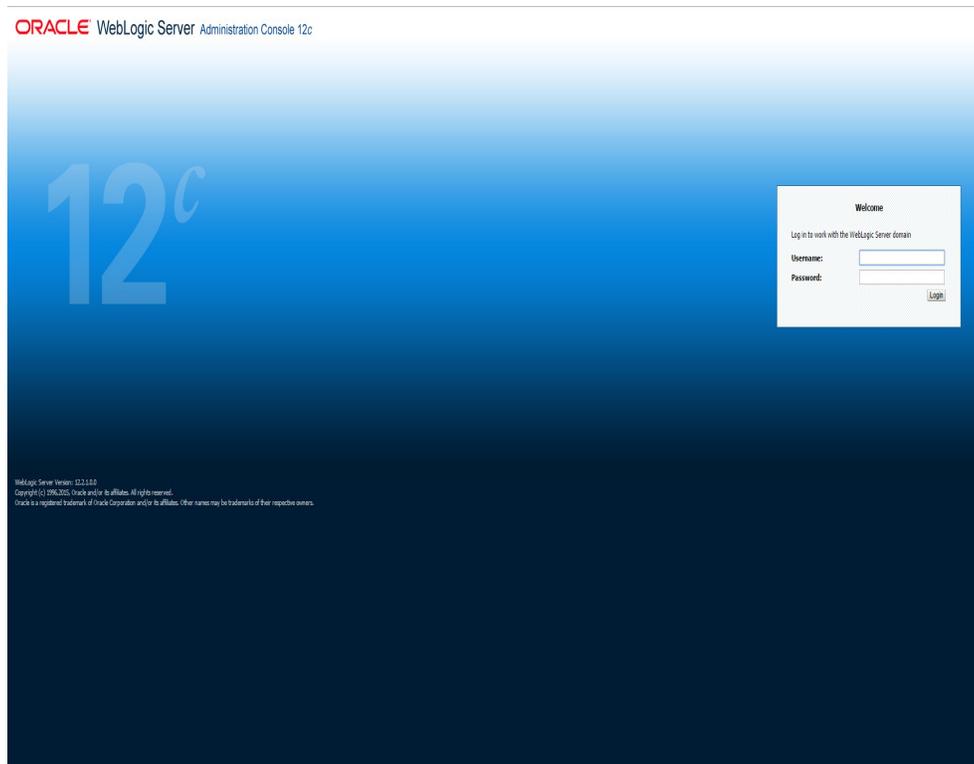
username: Enter weblogic user name

password: Enter password for weblogic

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

3. Following screen will be displayed once Deployments is selected from 'Domain Structure'.

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4.Click 'Install' from the Deployments following screen will be displayed.
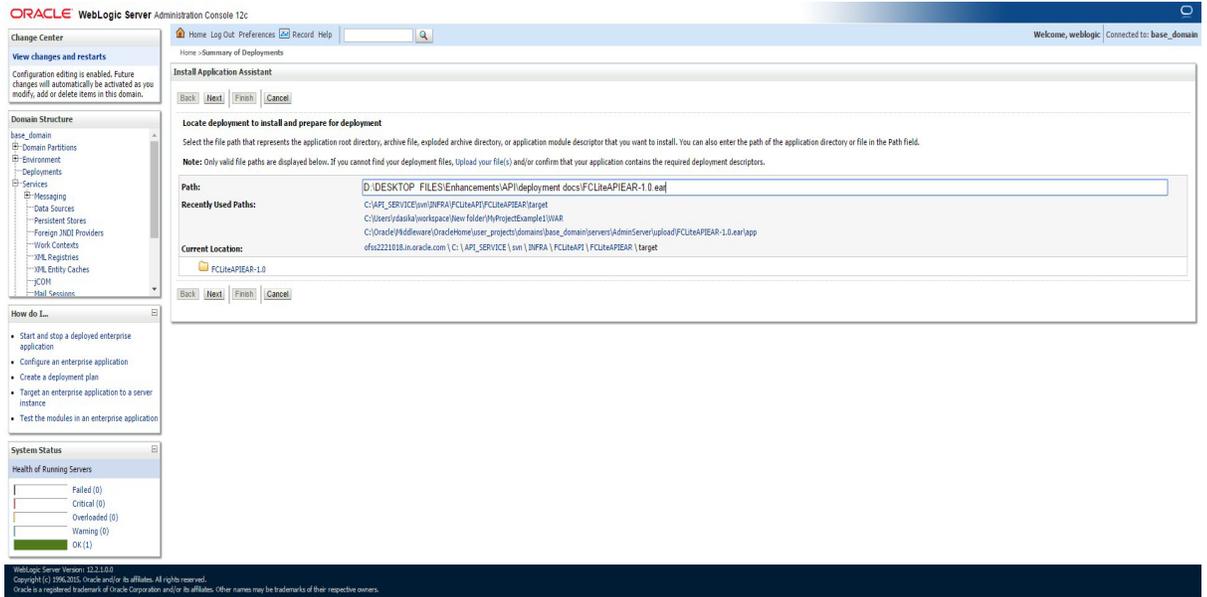
Path
Enter the complete path of the EAR

5. Click on 'Next' and the following screen is displayed:
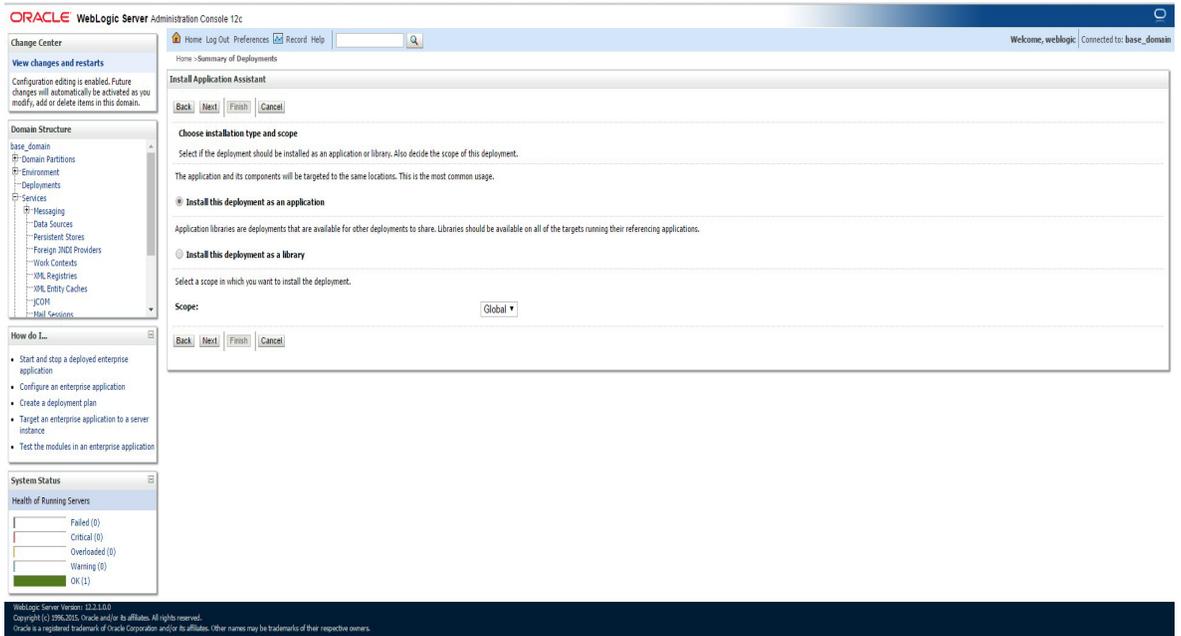
6. Click on 'Next' and the following screen is displayed:
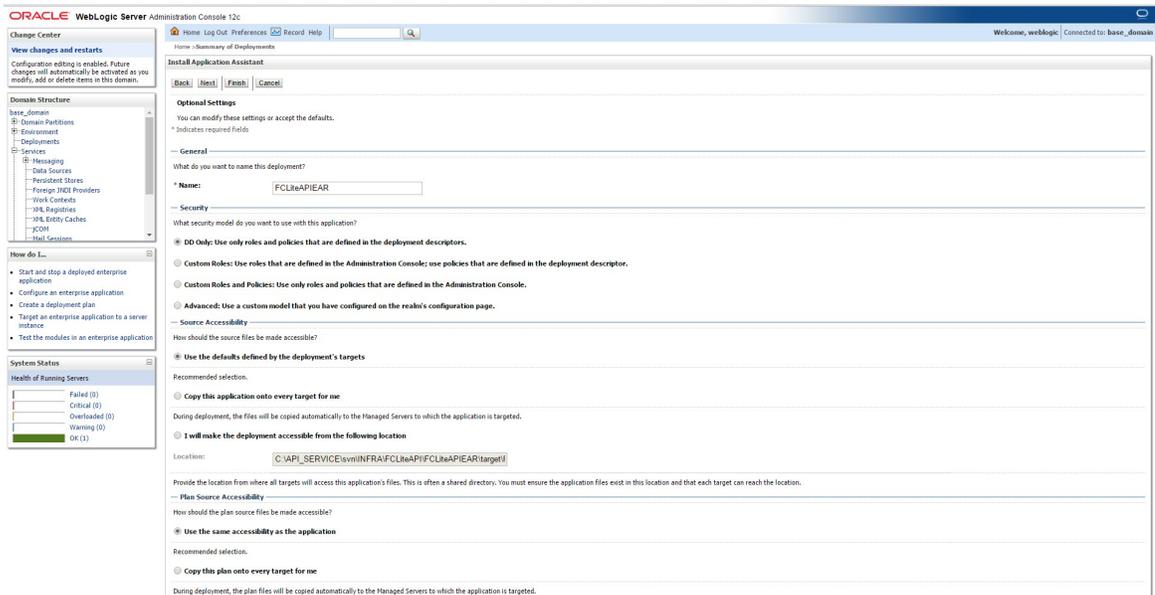
7. Click on 'Next' and the following screen is displayed:
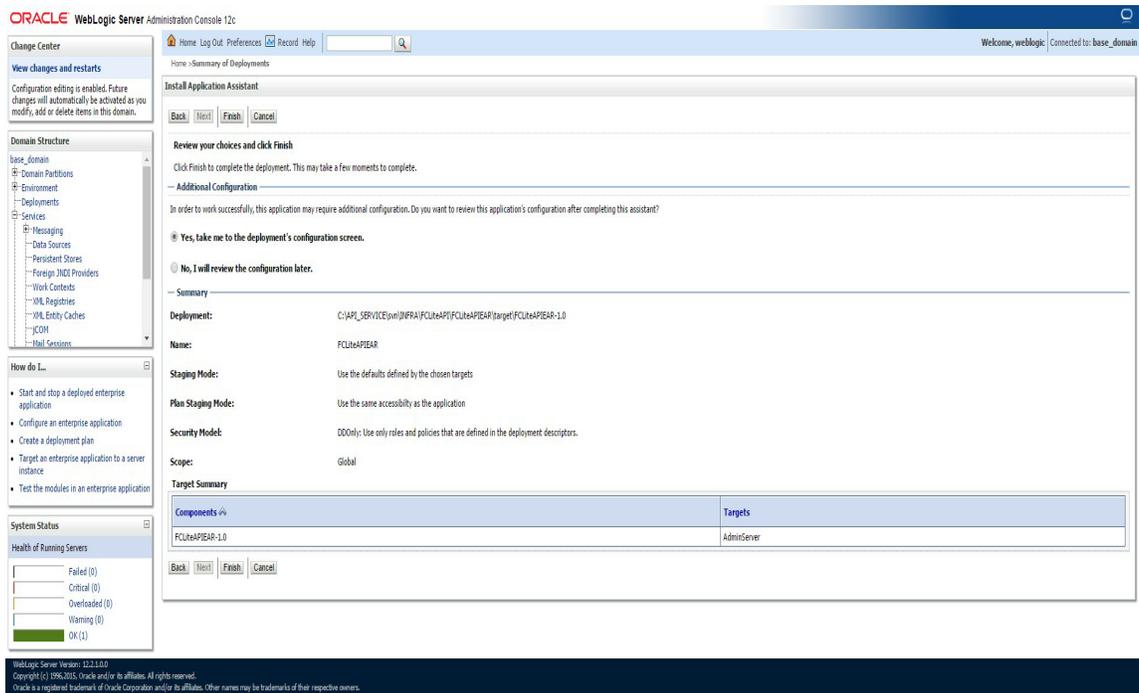
8. Click on 'Finish' and the following screen is displayed:

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9. Click on 'Save' and the following screen is displayed on top it says "All changes have been activated. No restarts are necessary. Settings updated successfully."

10. If wsdl file is required then click on Testing TAB from the above screen.

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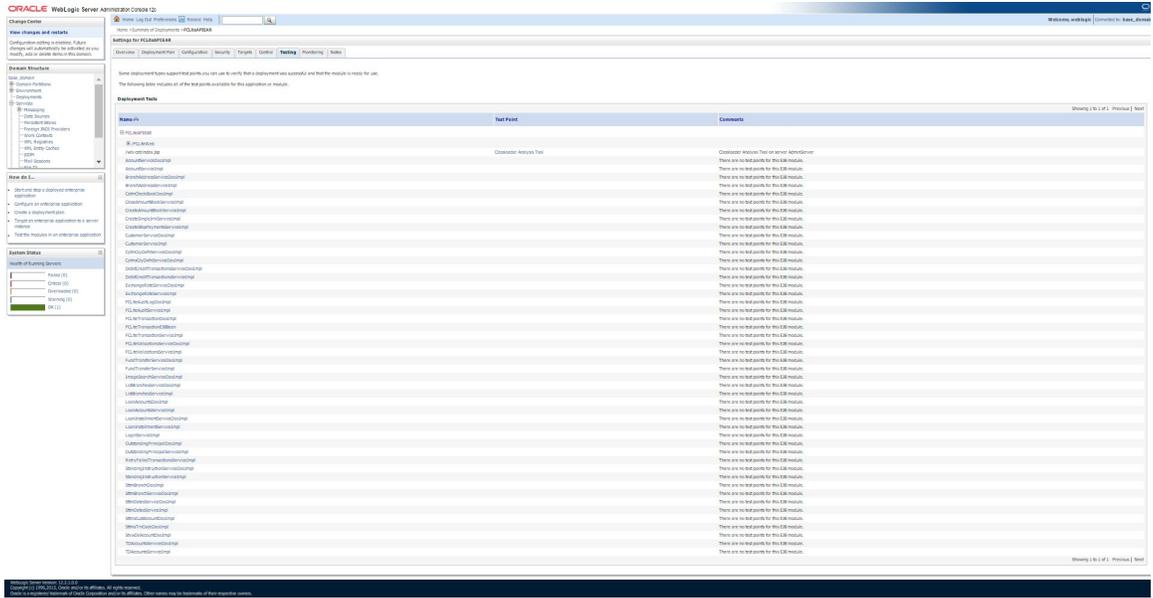
11. Click on Expand /FCLiteWeb and the following screen will be displayed
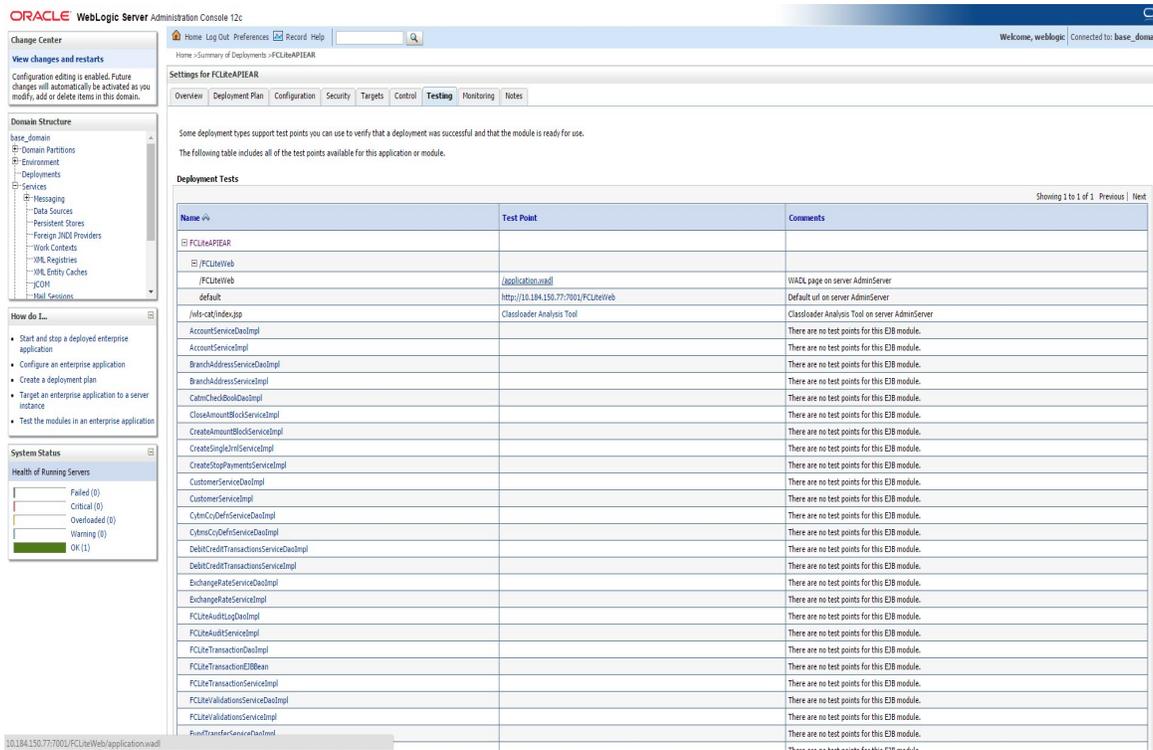
We can find the "wsdl" file in the Test Point column.

1.2 **Enabling logs for REST Application**

To enable logging following properties needs to be set in the logging.xml as mentioned below.
Once the parameters are set all the logs are stored in the file ofss-rest-api.log.

- Provide the below entry in the file
{domain.home}\config\fmwconfig\servers\{server.name}\logging.xml

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```xml
<log_handler name='ofss-handler' class='oracle.core.ojdl.logging.ODLHandlerFactory'
level='TRACE:1'>

                                    <property name='path'
value='${domain.home}/servers/${weblogic.Name}/logs/ofss-rest-api.log' />

                                    <property name='maxFileSize' value='10485760' />

                                    <property name='maxLogSize' value='104857600' />

                                    <property name='encoding' value='UTF-8' />

                                    <property name='useThreadName' value='true' />

                                    <property name='supplementalAttributes'
value='DSID,J2EE_APP.name,J2EE_MODULE.name,WEBSERVICE.name,WEBSERVICE_PORT.
name,oracle.soa.tracking.FlowId,oracle.soa.tracking.InstanceId,oracle.soa.tracking.SCAEntityId,oracle
.soa.tracking.FaultId,oracle.soa.tracking.RetryCount,composite_name'/>

</log_handler>



<logger name='com.ofss' level='TRACE:1' useParentHandlers='false'>

    <handler name='ofss-handler' />

</logger>
```

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