REST API Services Deployment in WebLogic
Oracle FLEXCUBE Investor Servicing
Release 14.4.0.0.0
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1. Oracle FLEXCUBE Investor Servicing Solutions

1.1 Introduction

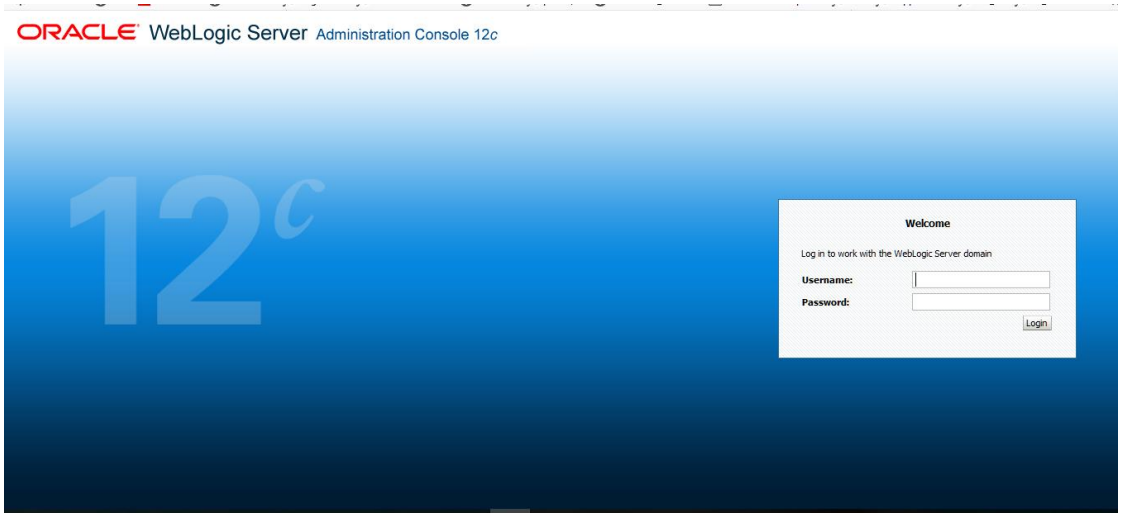
This document describes step to install REST Services into WebLogic application server in full.

1.2 Prerequisite

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.

1.3 REST EJB Services Full Deployment

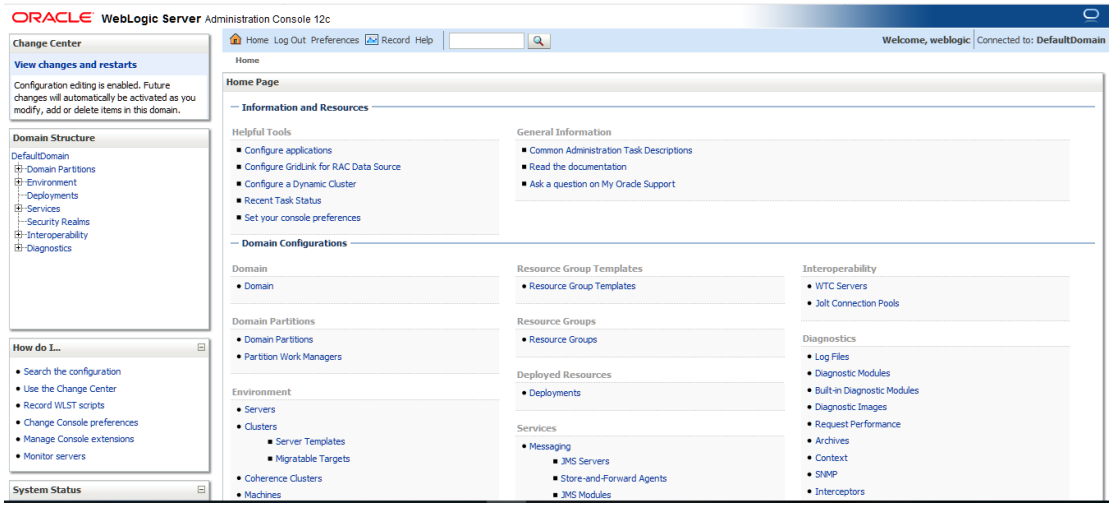
1. Launch WebLogic console, the following screen is displayed



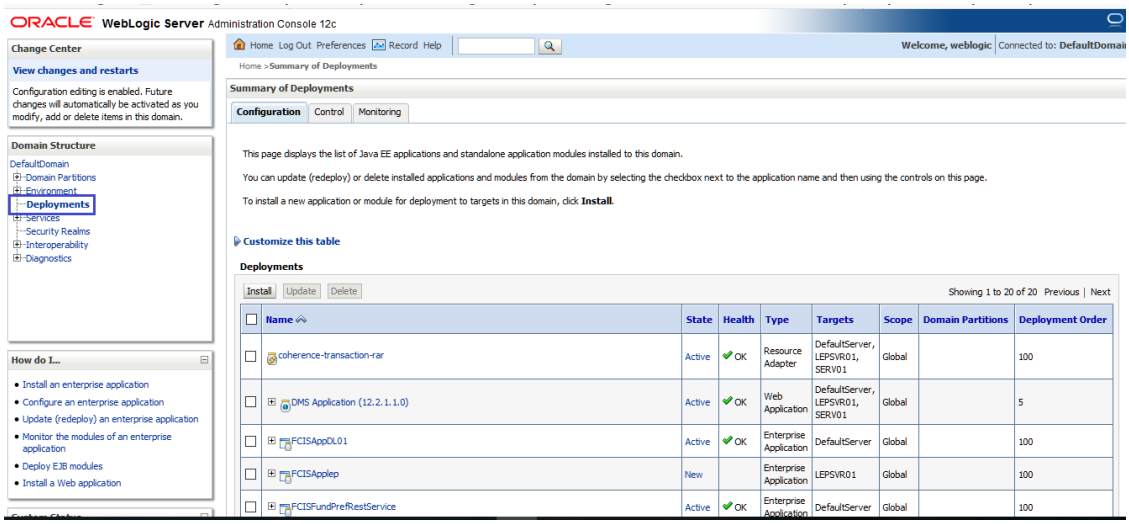
Username: Enter WebLogic user name

Password: Enter password for WebLogic

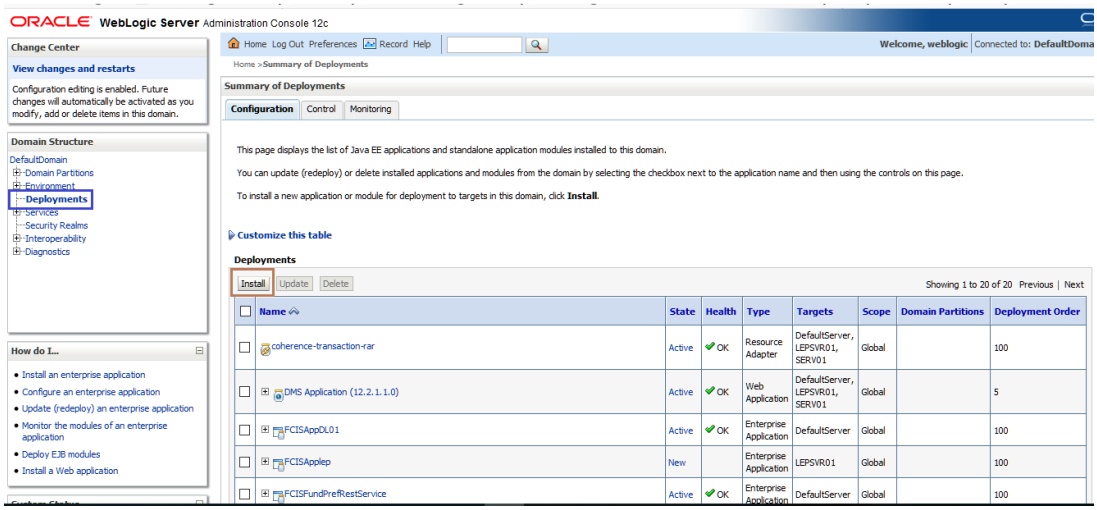
2. Click on ‘Login’ and the following screen is displayed:



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



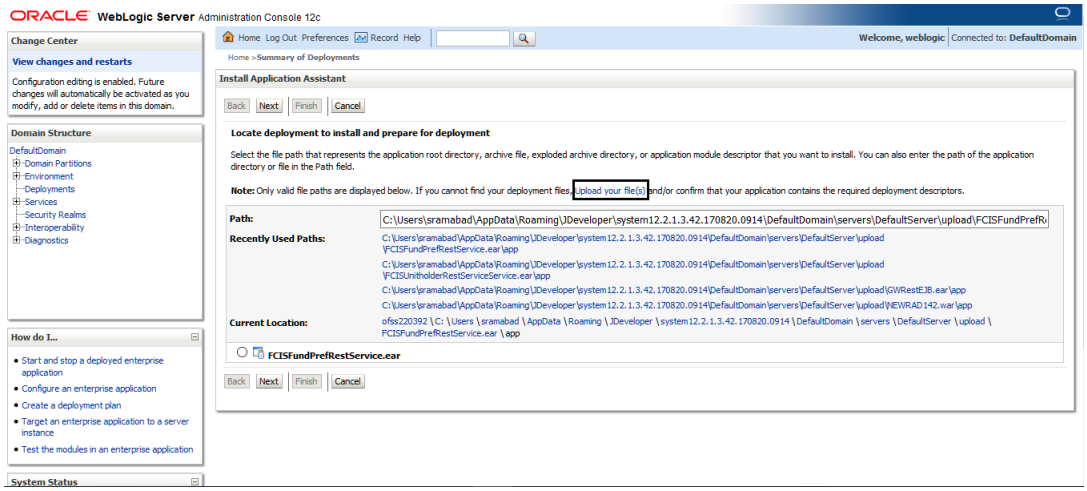
4. Click ‘Install’ from the Deployments following screen will be displayed.



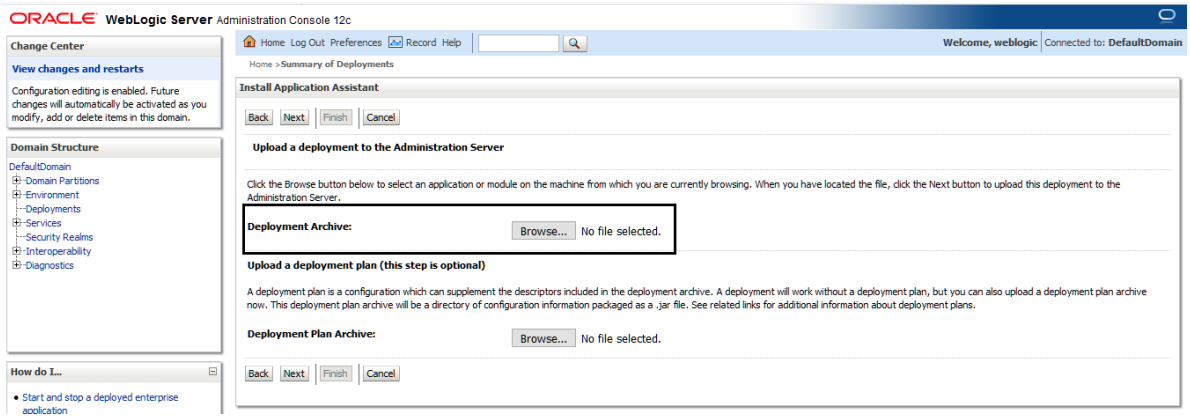
Path

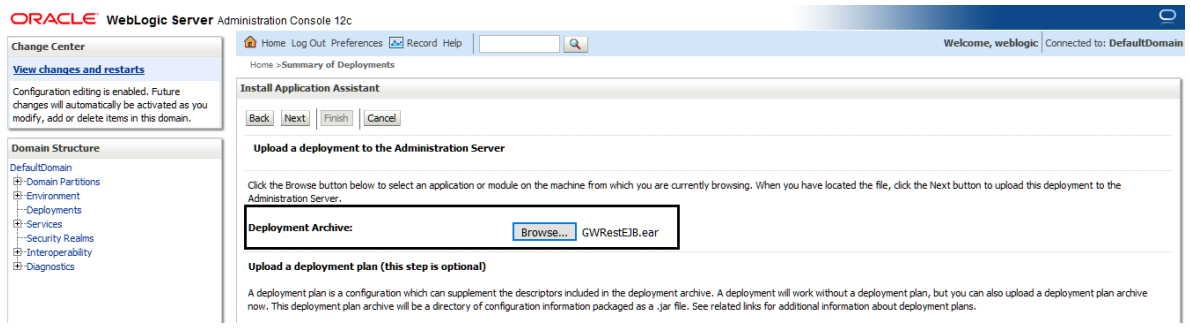
Enter the complete path of the EAR

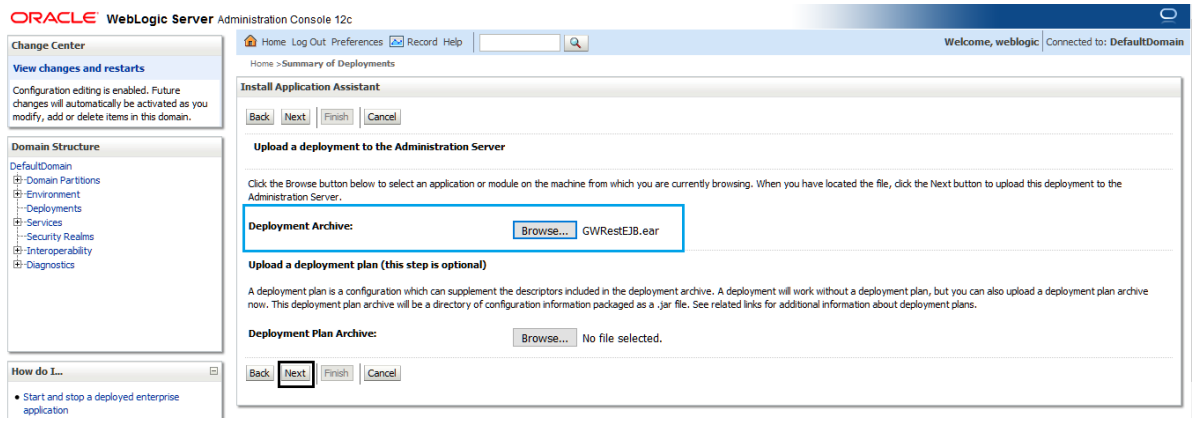
5. Click on ‘Next’ and the following screen is displayed:



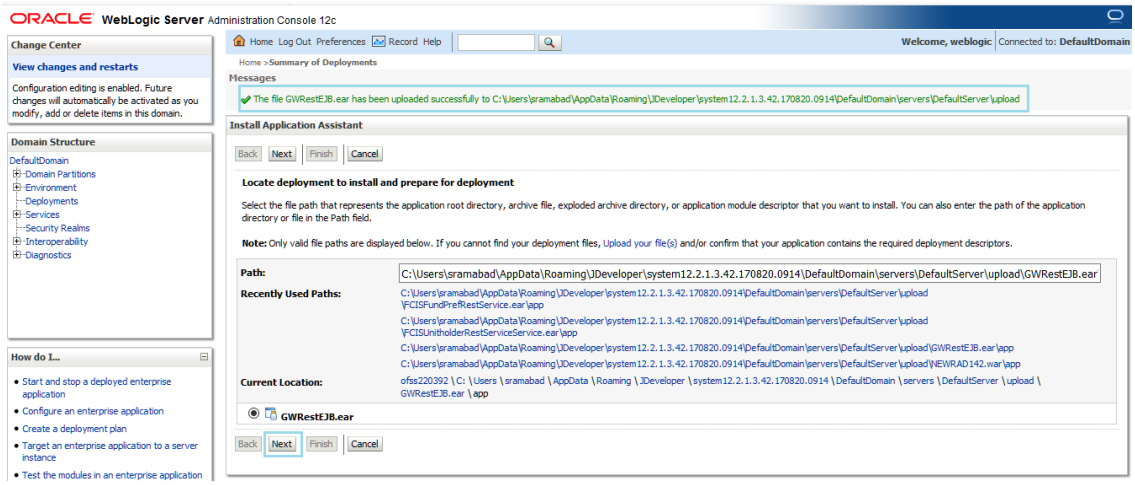
6. Click on ‘Next’ and the following screen is displayed:



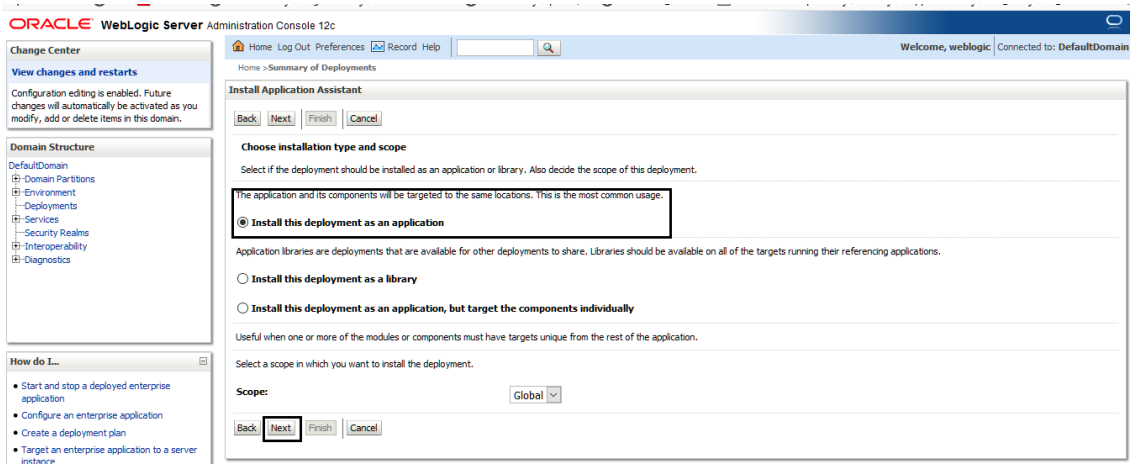




Click on ‘Next’ and the following screen is displayed:

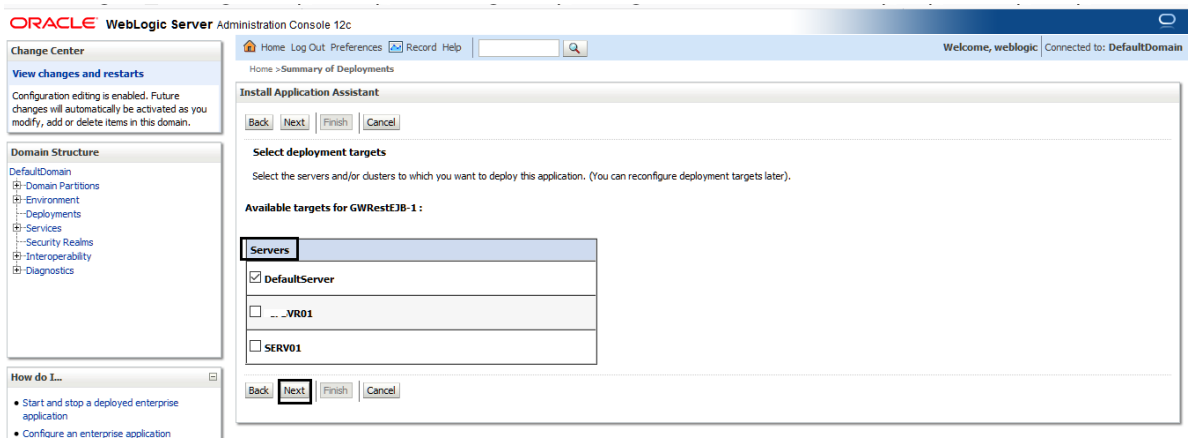


Click on ‘Next’ and the following screen is displayed

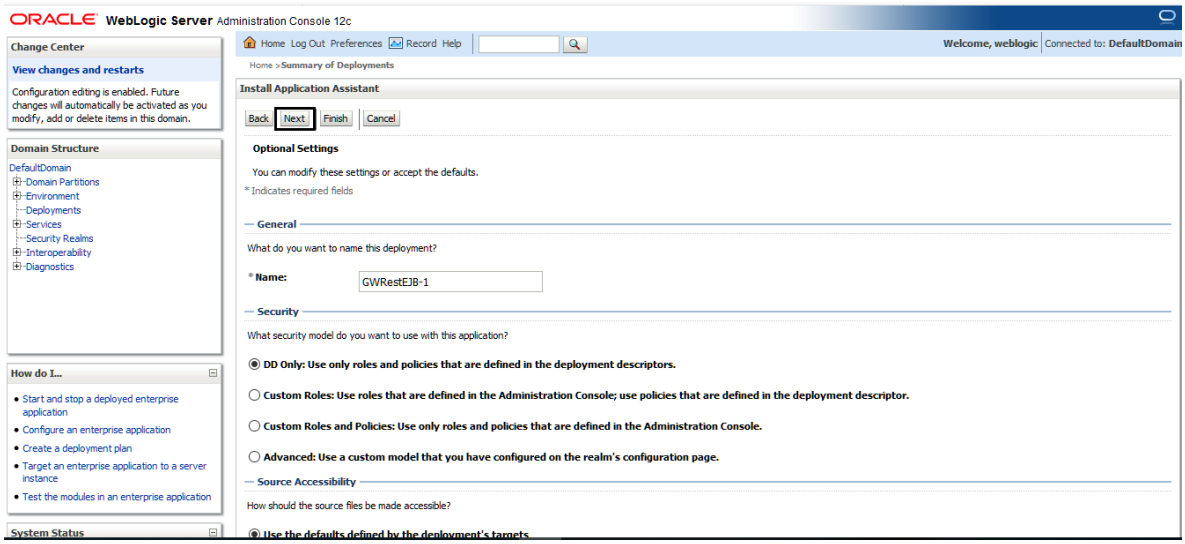


Click on ‘Next’ and the following screen is displayed

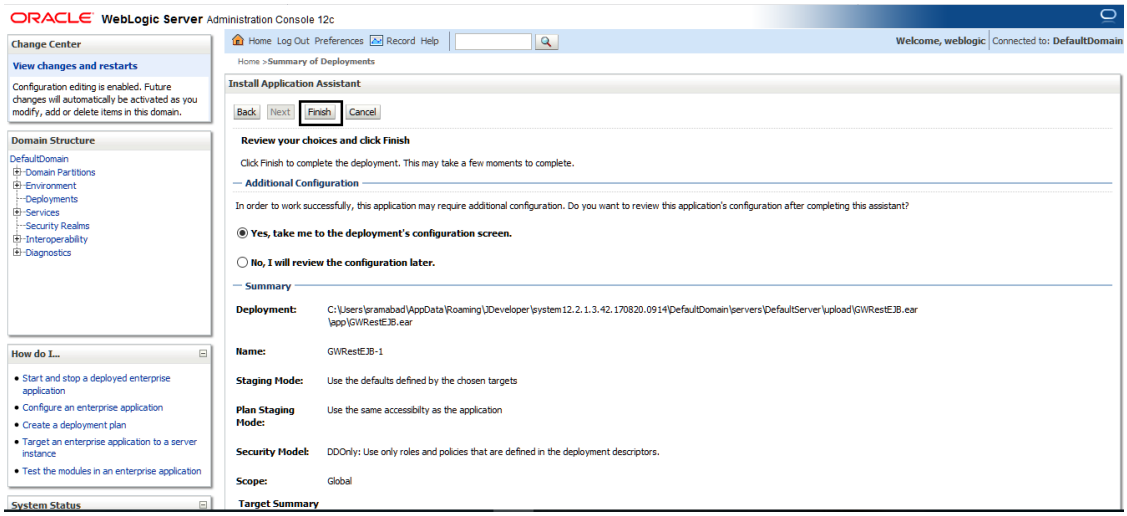
Select correct Server where the EAR to be deployed.



Click on ‘Next’ and the following screen is displayed

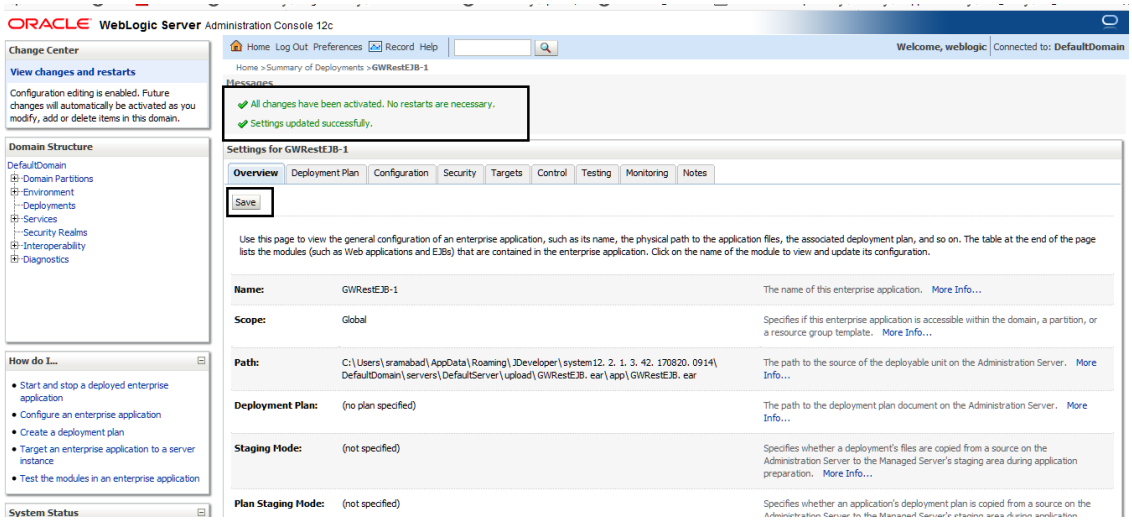


Click on ‘Next’ and the following screen is displayed



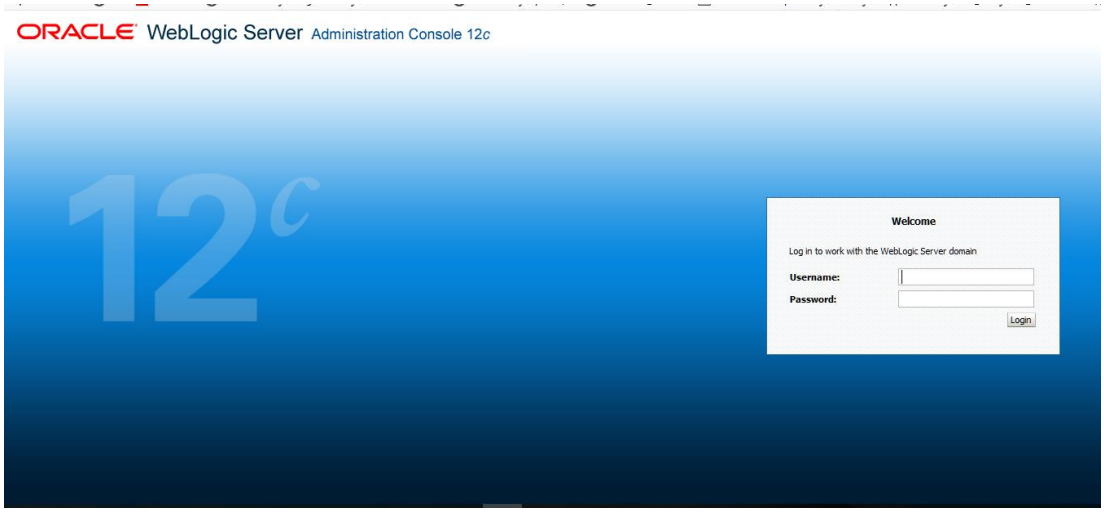
Click on ‘Finish’ and the following screen is displayed

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.”



1.4 REST Web Services Full Deployment

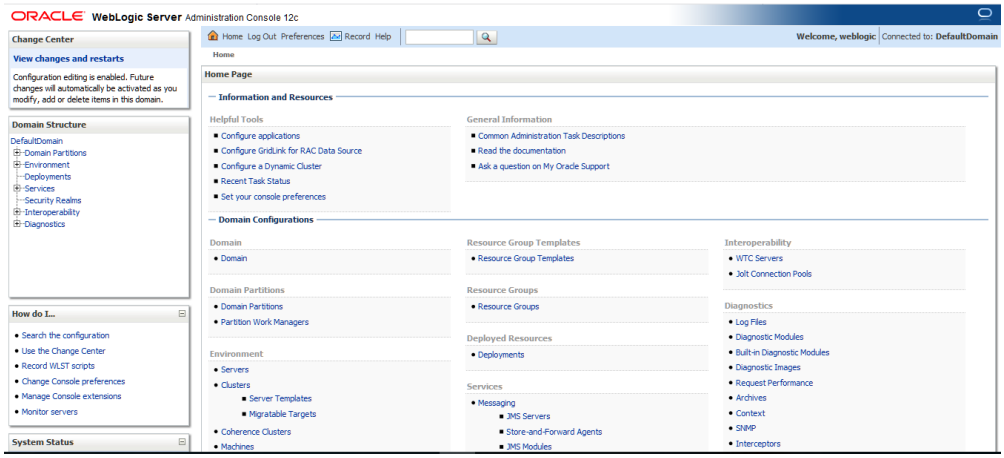
1. Launch WebLogic console, the following screen is displayed.



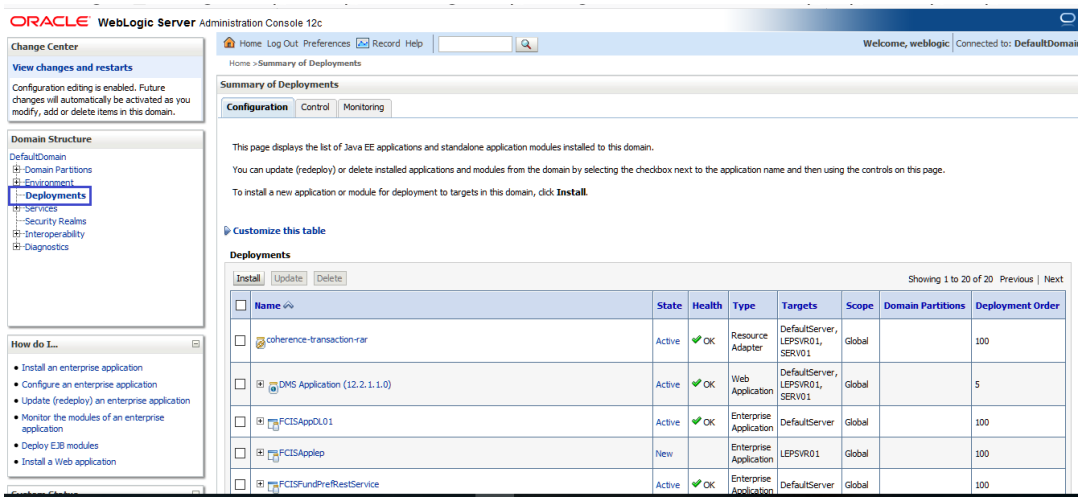
username: Enter WebLogic user name

password: Enter password for WebLogic

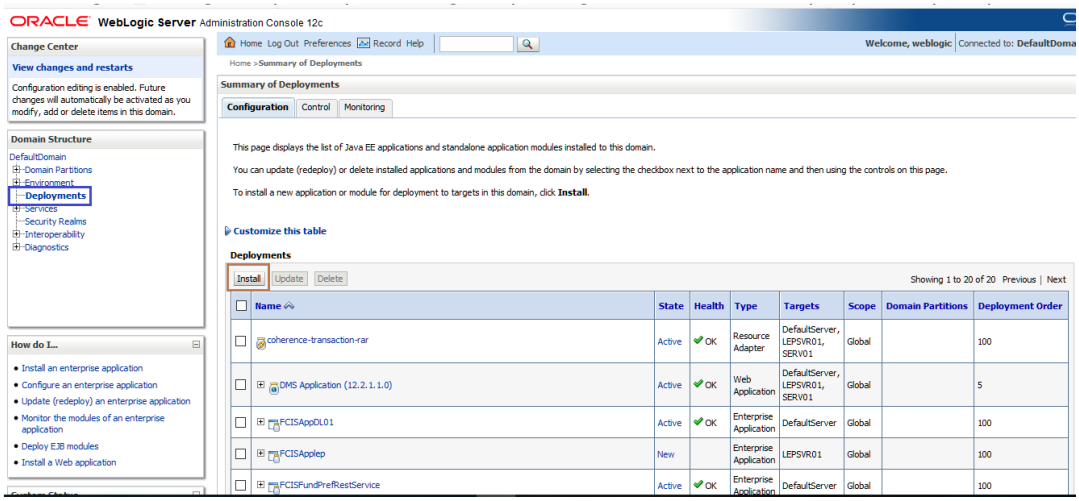
2. Click on 'Login' and the following screen is displayed:



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



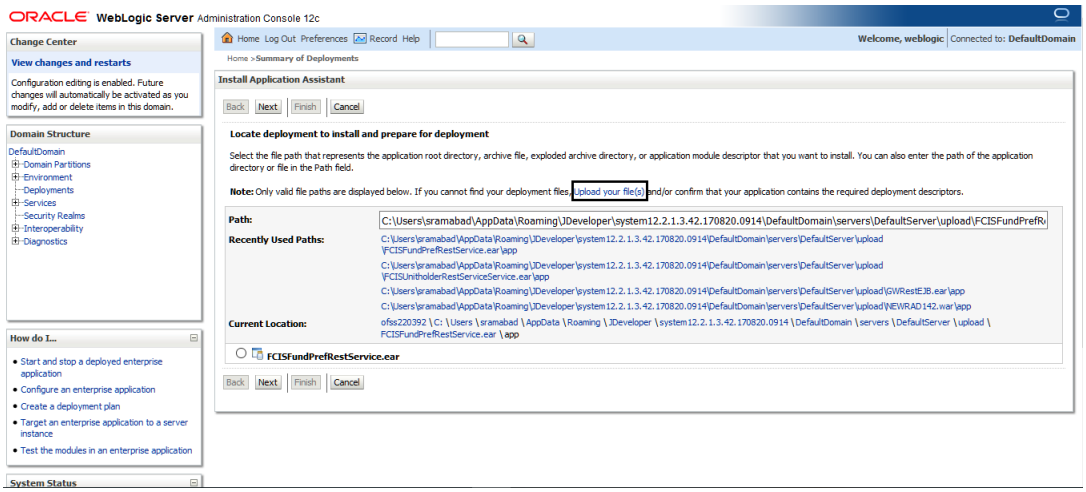
4. Click ‘Install’ from the Deployments following screen will be displayed.



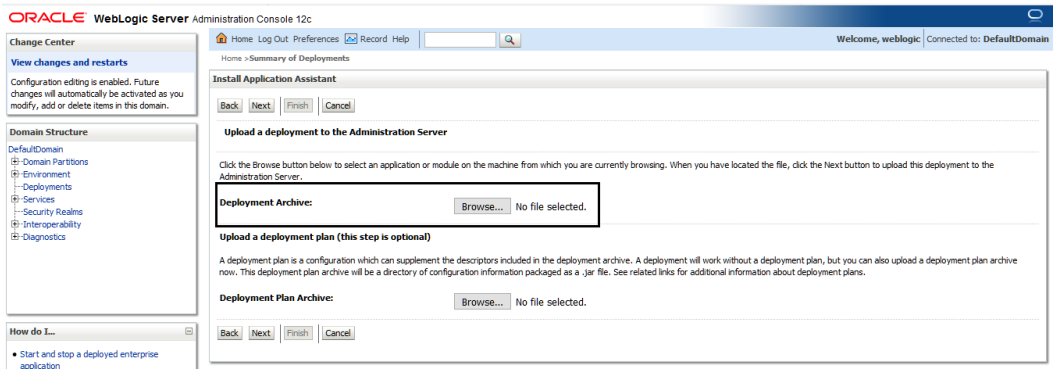
Path

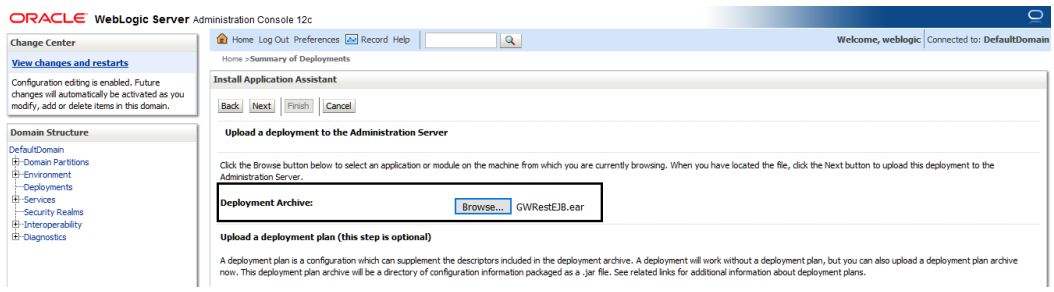
Enter the complete path of the EAR

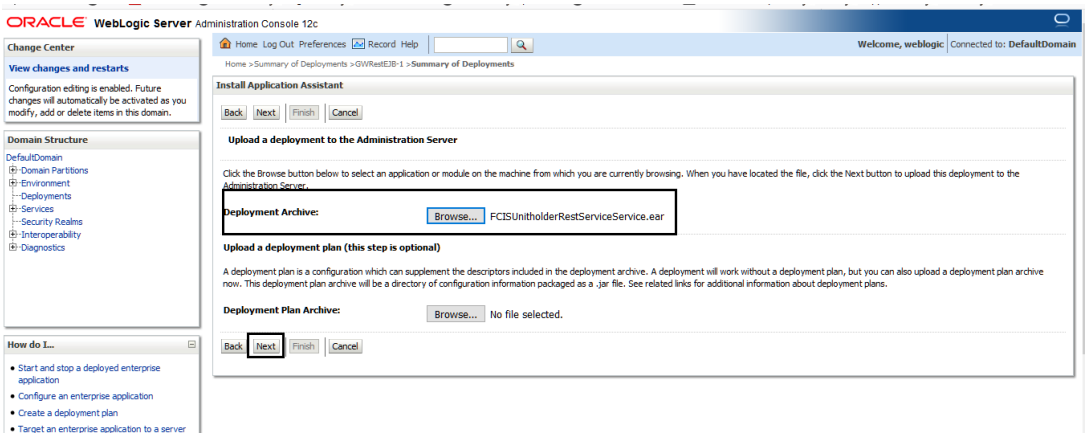
5. Click on ‘Next’ and the following screen is displayed:



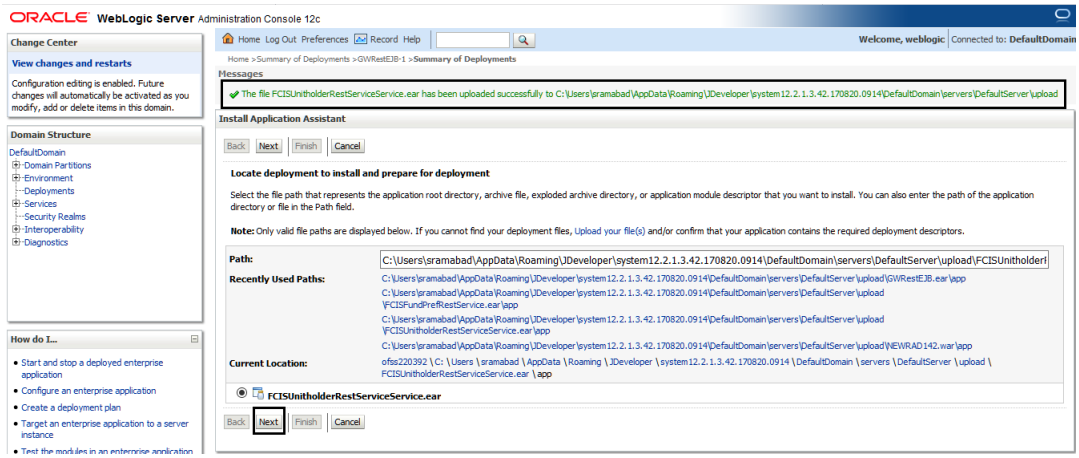
6. Click on ‘Next’ and the following screen is displayed:



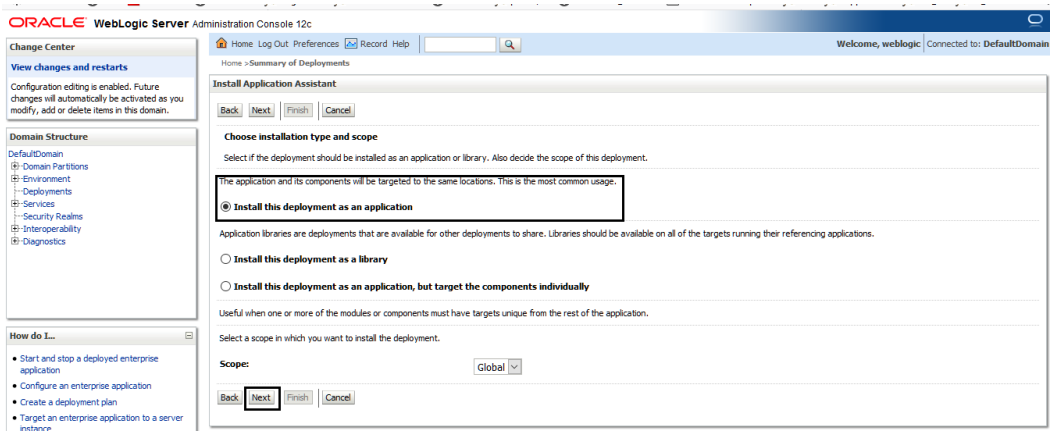




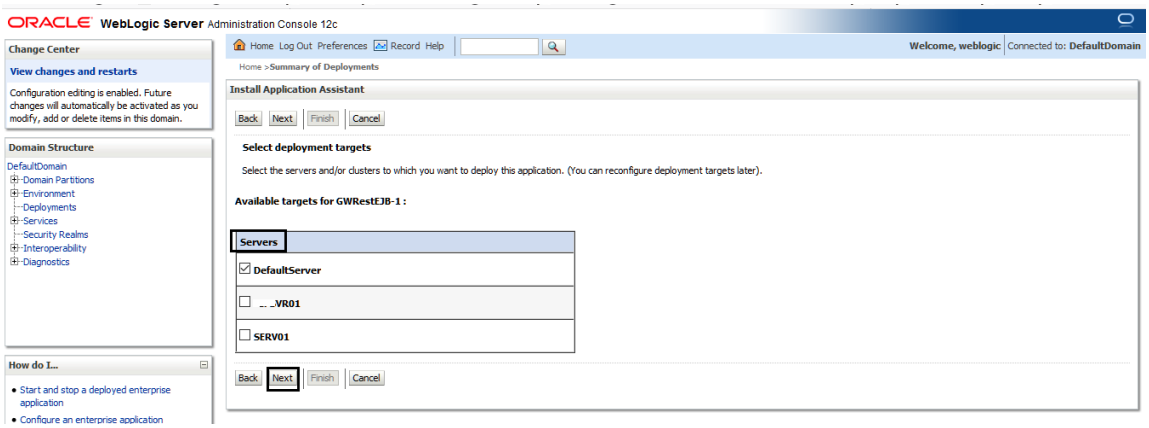
7. Click on 'Next' and the following screen is displayed



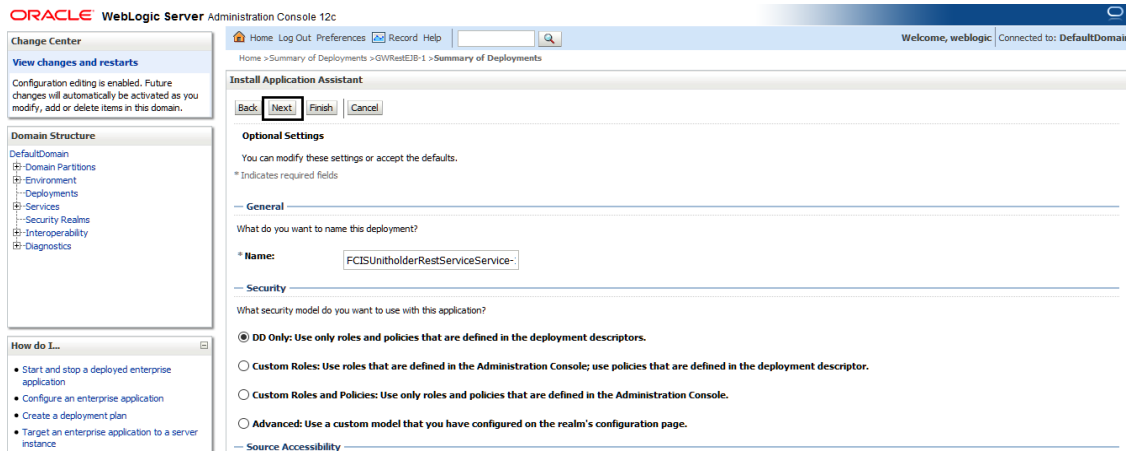
8. Click on 'Next' and the following screen is displayed



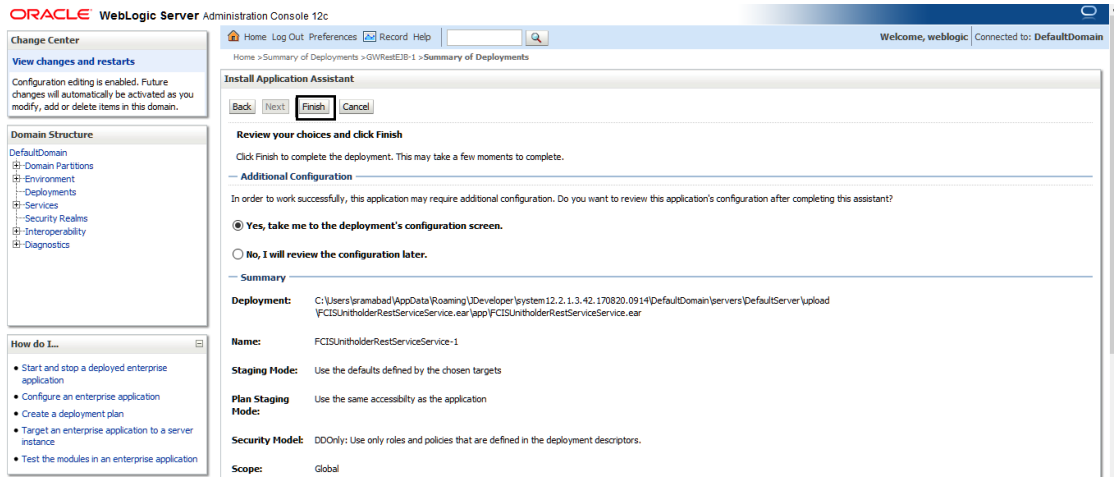
9. Click on ‘Next’ and the following screen is displayed. Select correct Server where the EAR to be deployed.



10. Click on ‘Next’ and the following screen is displayed

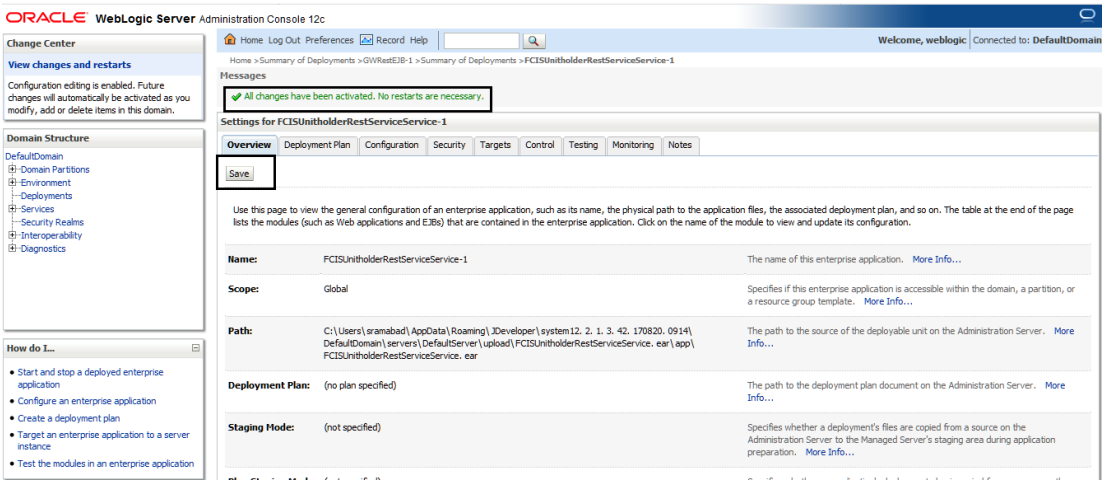


11. Click on ‘Next’ and the following screen is displayed

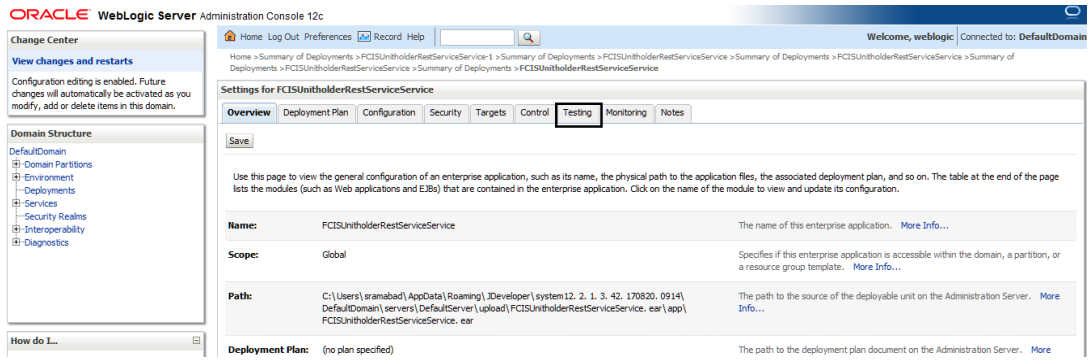


12. Click on ‘Finish’ and the following screen is displayed

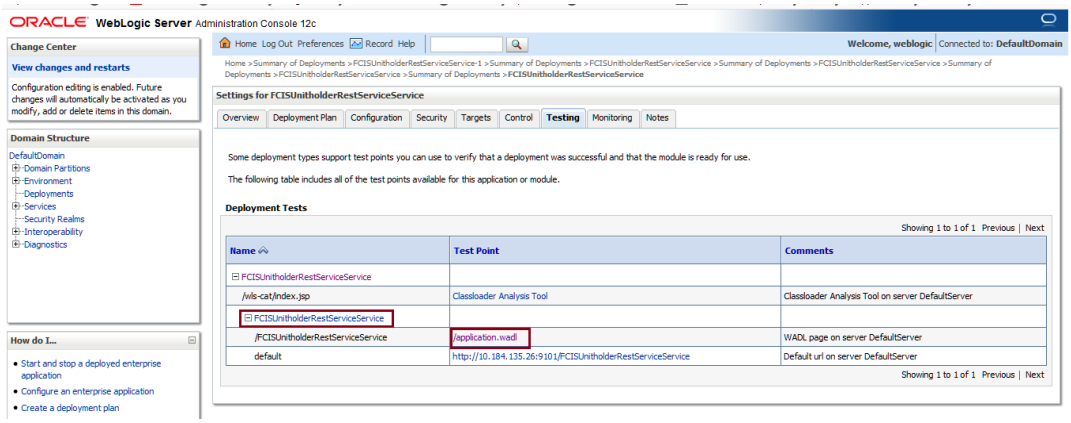
Click on ‘Save’ and the following screen is displayed on top it says “All changes have been activated. No restarts are necessary. Settings updated successfully.”



To get wadl Link. Click Testing tab page



Click Service and click on '/application. wadl'



1.5 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

```
<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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