Deploying Oracle Banking Treasury Management Application
on WebLogic
Oracle Banking Treasury Management
Release 14.4.0.3.0
[February] [2021]

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FINANCIAL SERVICES

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# 1. Deploying Oracle Banking Treasury Management on WebLogic

## 1.1 Introduction

This chapter explains the steps to deploy Oracle Banking Treasury Management application into Oracle WebLogic application server.

## 1.2 Building Application

For building Oracle Banking Treasury Management Application, refer to the following chapters.

### 1.2.1 Building Application

Refer to the chapter 'Building Application'. This includes the following details:

- Creating Property File
- Building EAR File
- Configuring Plug-ins
- Loading Properties Files

## 1.3 Deploying Application in Oracle WebLogic

This section explains the method of deploying Oracle Banking Treasury Management Application into Oracle WebLogic application server.

### 1.3.1 Deploying Integration Adapter EAR from WebLogic Administration Console

To deploy Oracle Banking Treasury Management Application from Oracle WebLogic administration console, follow the steps given below.

1. Start the Administrative Console of WebLogic application server. You can start this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.
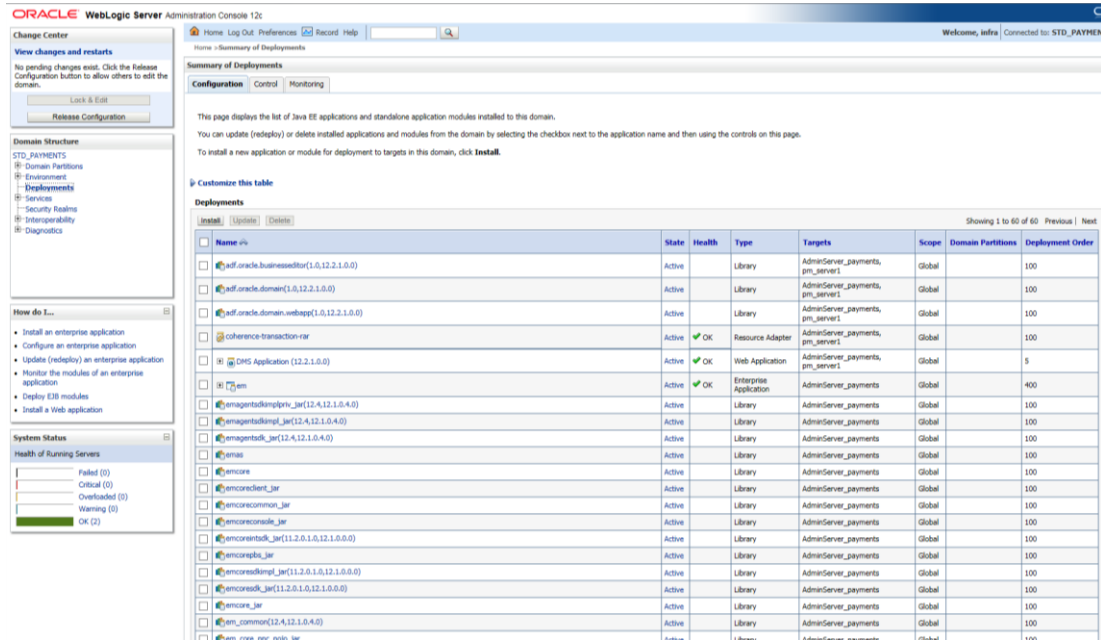Eg: http://10.10.10.10:1001/console
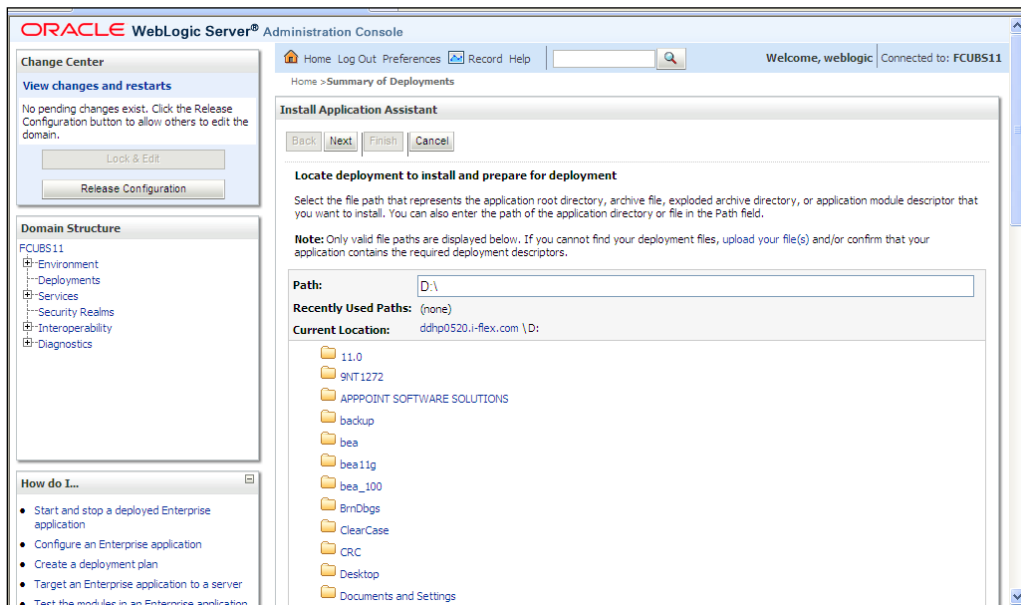
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The following screen is displayed:



2. Specify the WebLogic administrator user name and password. Click 'Log In'.
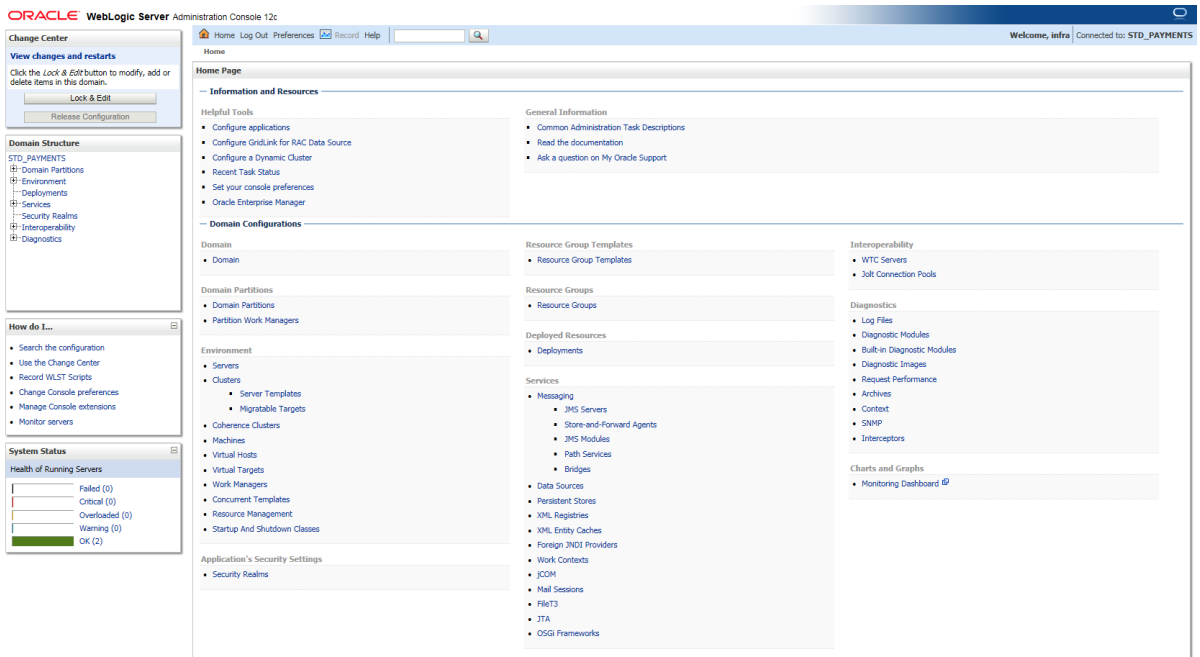
3. You need to deploy an Integration adapter EAR. For e.g. 'OBTRExtAdapter.ear'. Go to 'Deployment'. Click 'Lock & Edit' button to enable the buttons. This action enables the buttons.
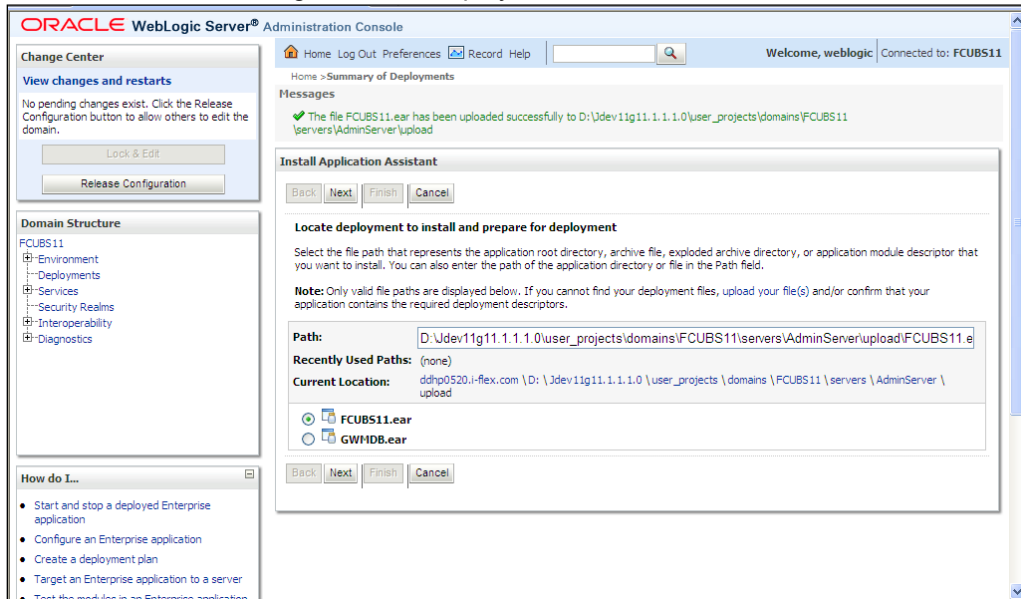


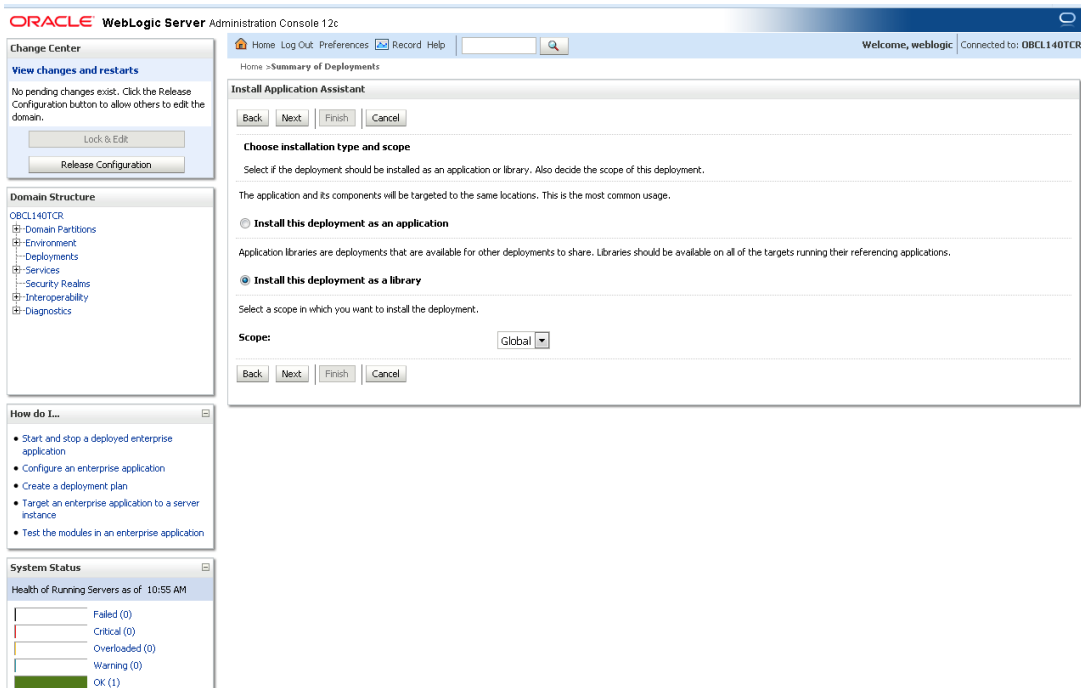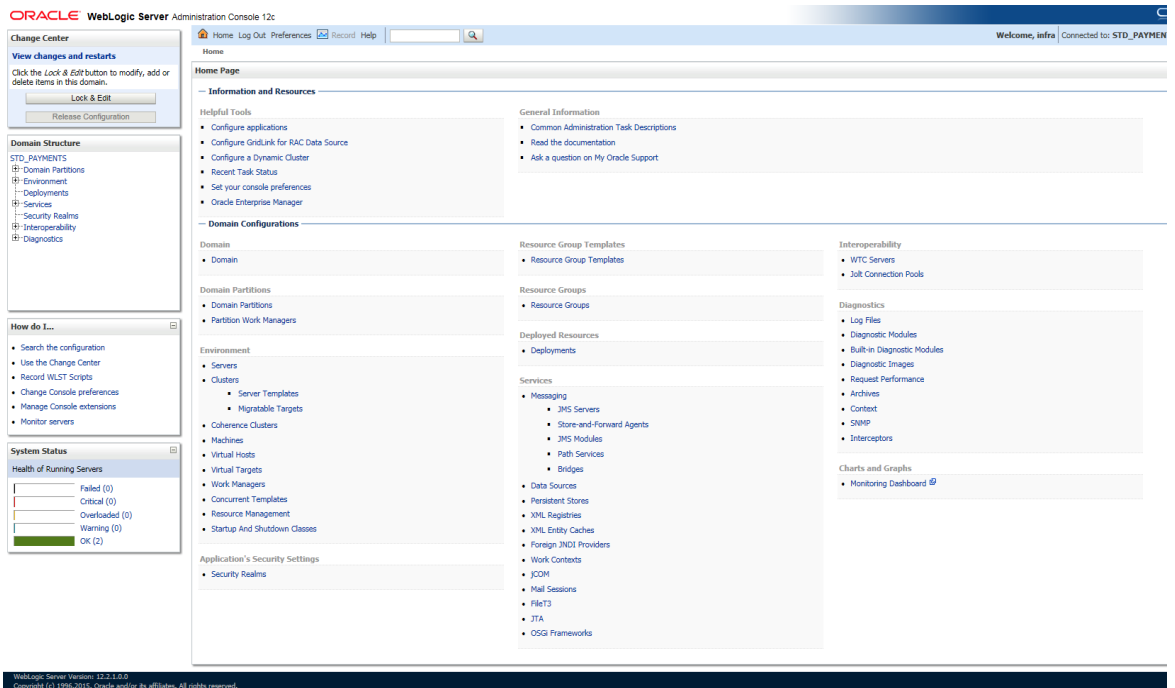4. Click 'Install' button. The following screen is displayed:



5. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.

6. Specify the EAR file path. You can use the 'Browse' button to locate the file.

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7. Click 'Next'. The following screen is displayed.



8. Select the application Adapter EAR from the list.

9. Click 'Next'. Following screen is displayed:



10. Choose the targeting style 'Install this deployment as a library'.

11. Click 'Next'.

12. The following screen is displayed
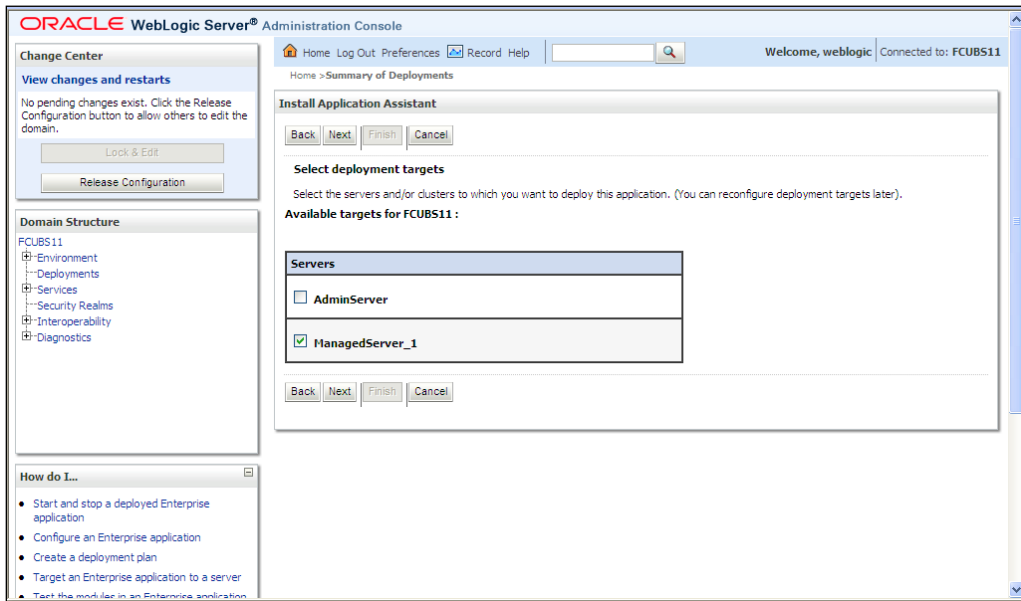


13. Select the target of the application. You can choose the server 'AdminServer' or 'Managed Server(s)'.

14. Click 'Next'. The following screen is displayed.
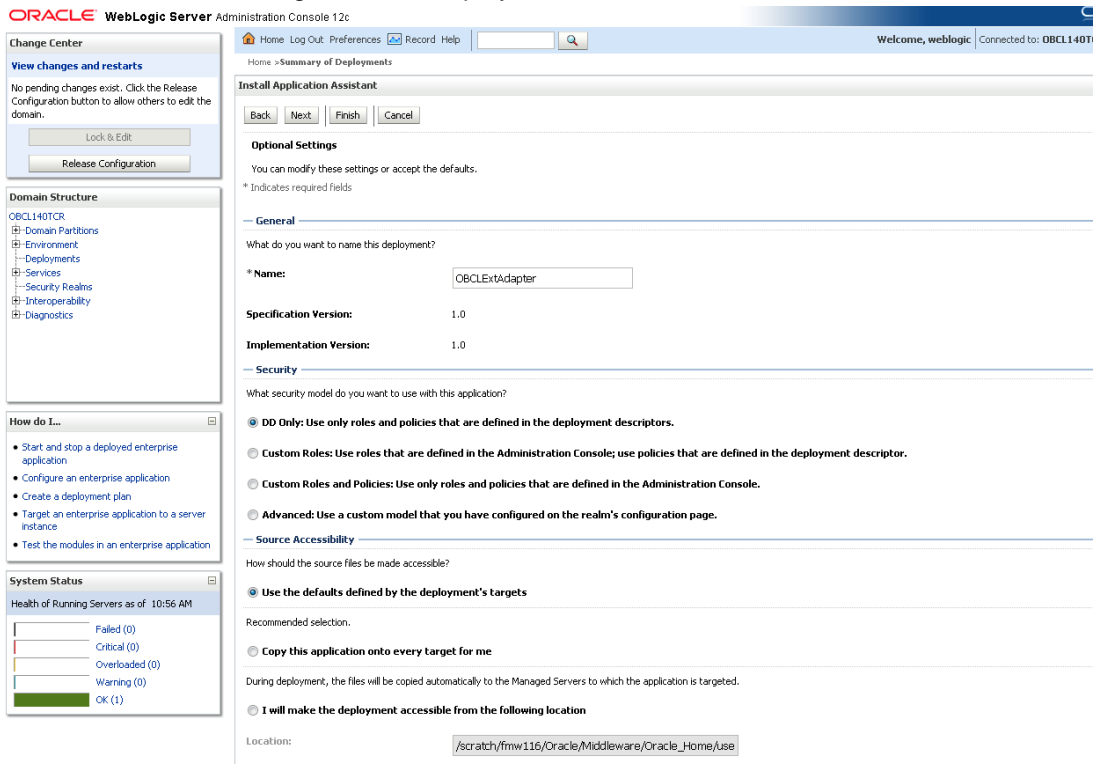


15. Check the deployment name.

16. The remaining portion of the screen is shown below:
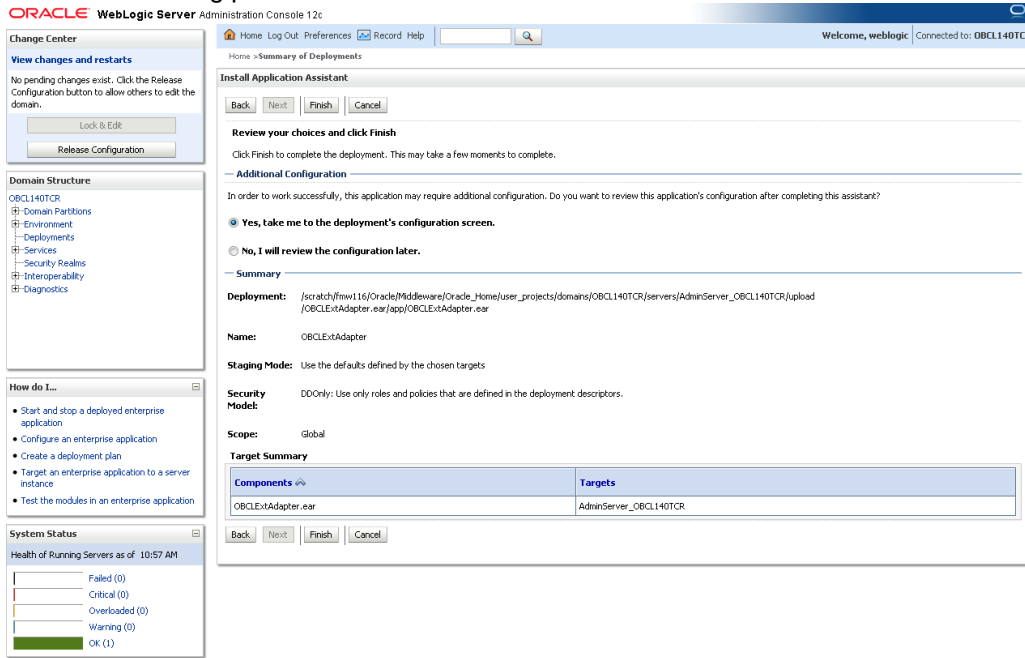


17. Click 'Finish' button. The following screen is displayed.
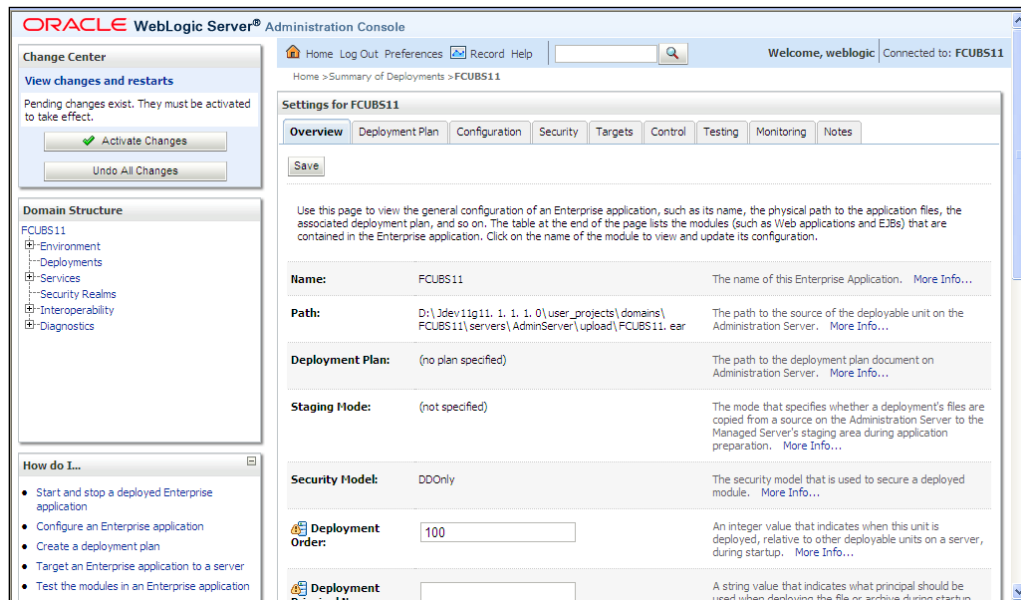
18. Click 'Save' button. The message 'Settings updated successfully' is displayed.
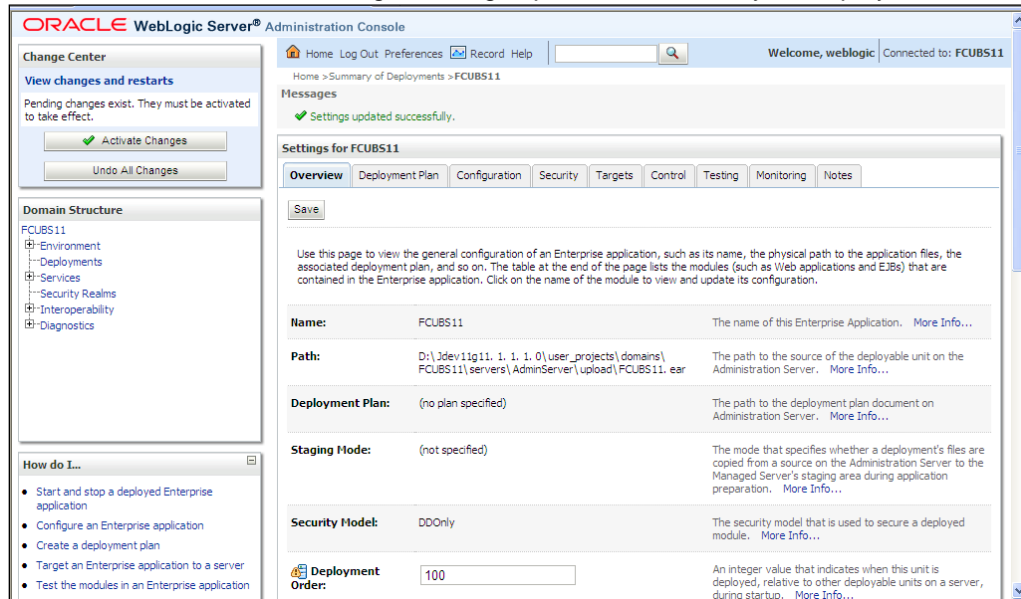


19. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

### 1.3.2  <u>Deploying Dependency Library "Jax-RS"</u>

This library must be installed before deploying OBTR.ear. Follow the below steps

1.  Start the Administrative Console of WebLogic application server. You can start this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.
    Eg: http://10.10.10.10:1001/console

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2. The following screen is displayed:
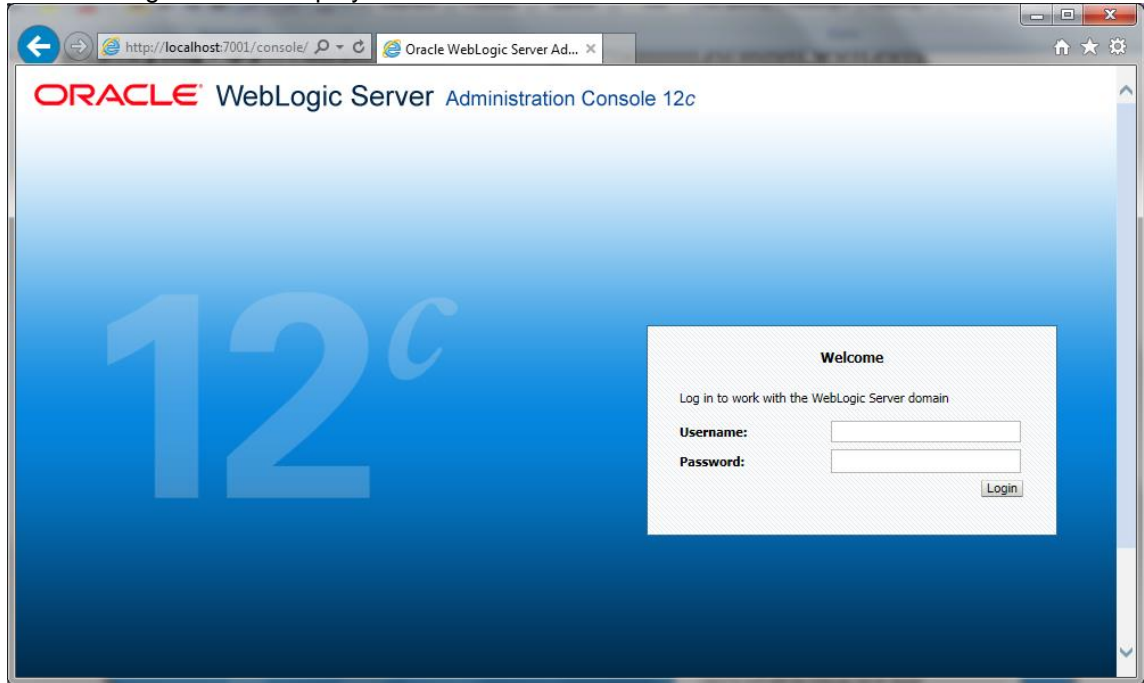


3. Specify the WebLogic administrator user name and password. Click 'Log In'.

The following screen is displayed:

4. Click install button



Navigate and select jersey bundle under the path "*wlserver\common\deployable-libraries\jax-rs-2.0.war*" and click next
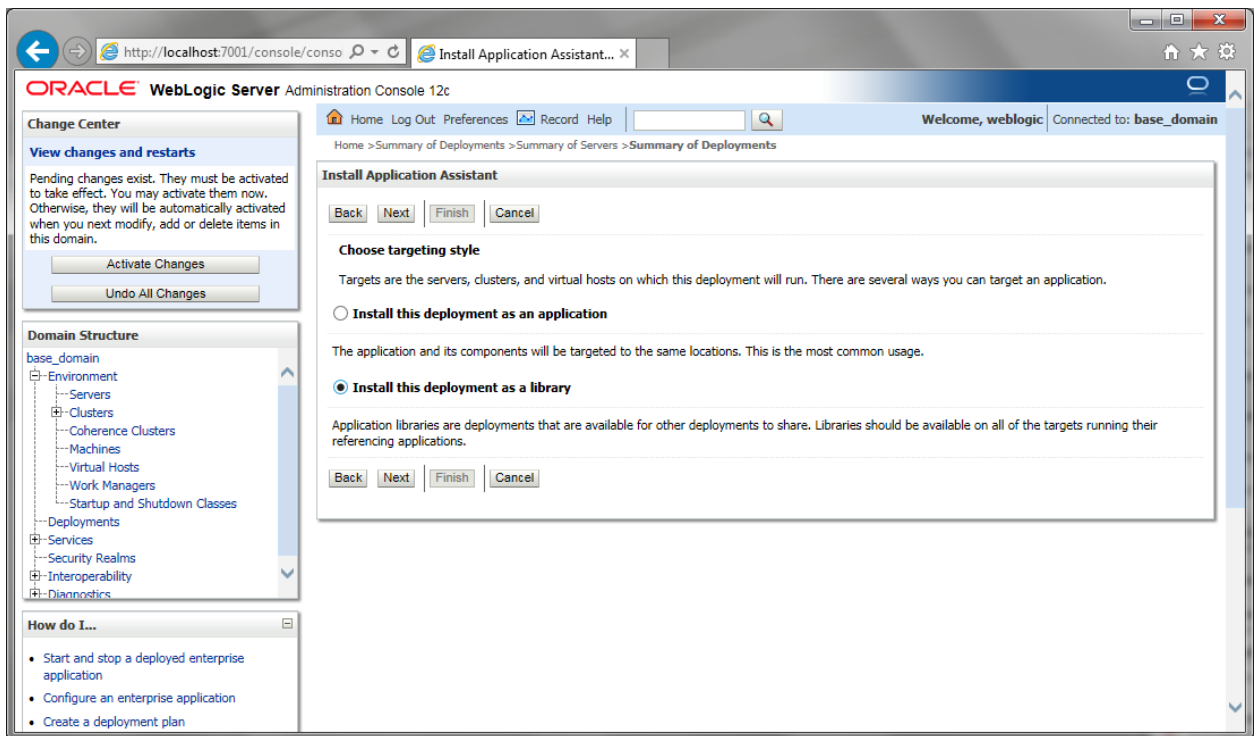
Select "install this deployment as library", select target server as managed server and click next.
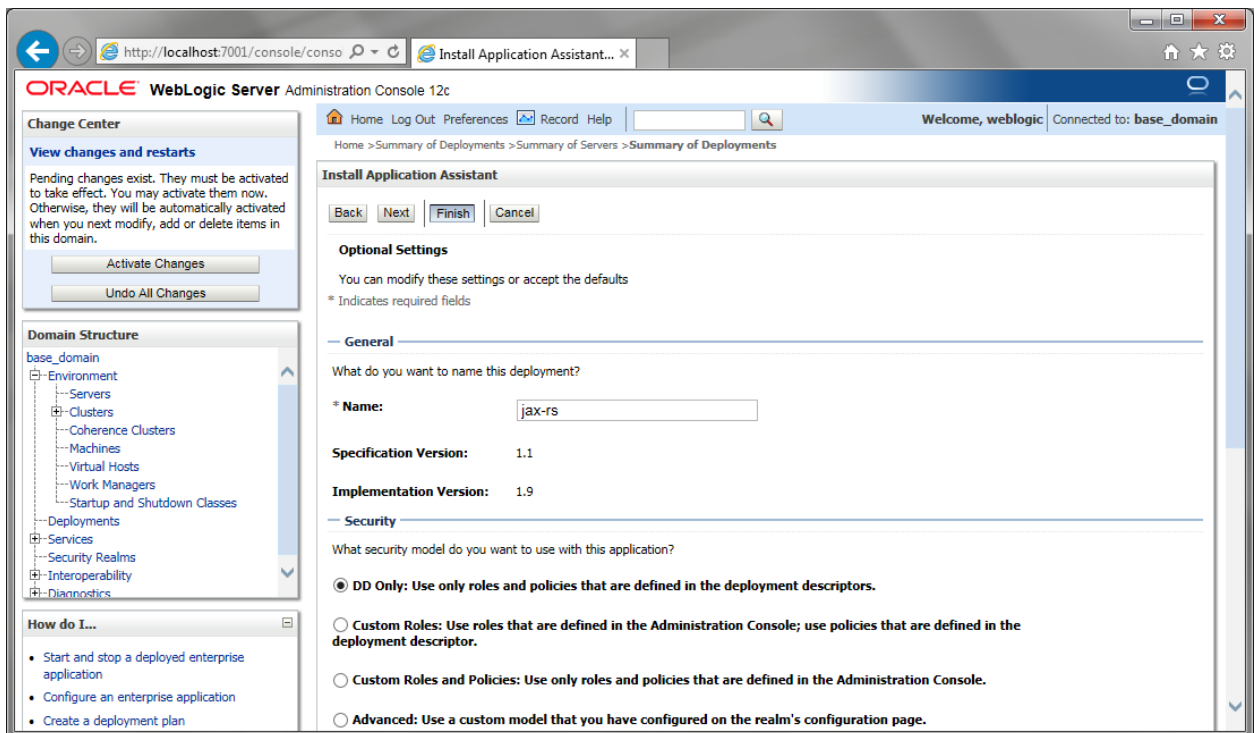


Click finish button
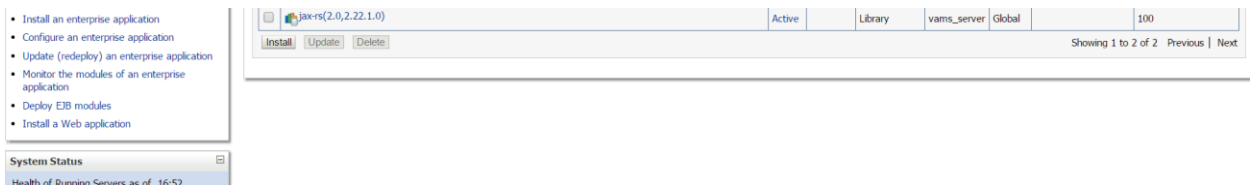
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This library must appear in the deployment with Type column as "Library'

Note :- latest Jax-rs version will be jax-rs(2.0,2.22.1.0)

### 1.3.3 Deploying OBTRM Application from WebLogic Administration Console

To deploy Oracle Banking Treasury Management Application from Oracle WebLogic administration console, follow the steps given below.

1. Start the Administrative Console of WebLogic application server. You can start this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.
Eg: http://10.10.10.10:1001/console

The following screen is displayed:



2. Specify the WebLogic administrator user name and password. Click 'Log In'.

The following screen is displayed:



3. You need to deploy an EAR. For e.g. 'OBTR.ear'. Go to 'Deployment'.

Click 'Lock & Edit' button to enable the buttons. This action enables the buttons.

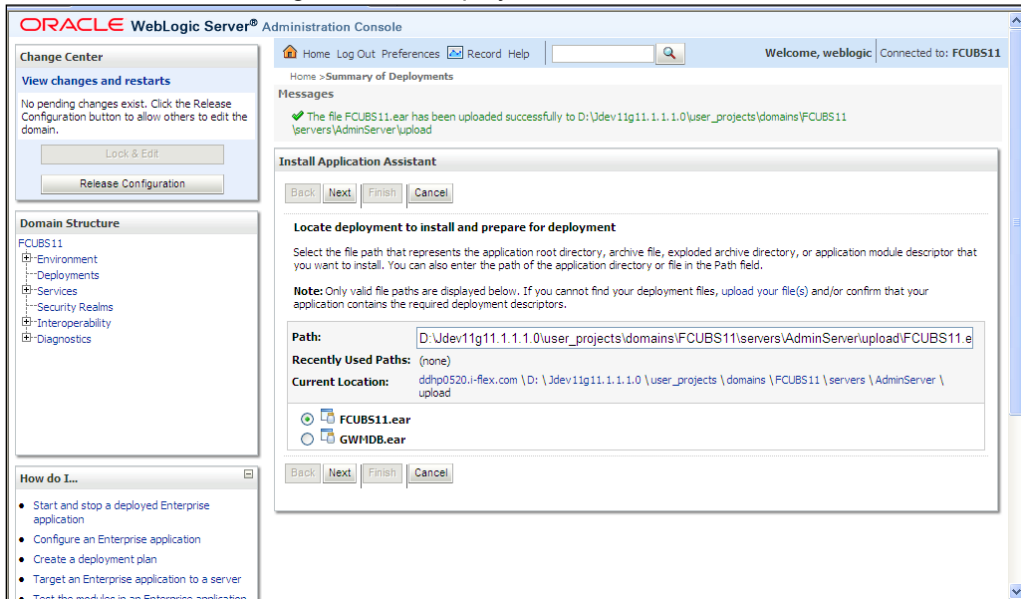4. Click 'Install' button. The following screen is displayed:



5. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.
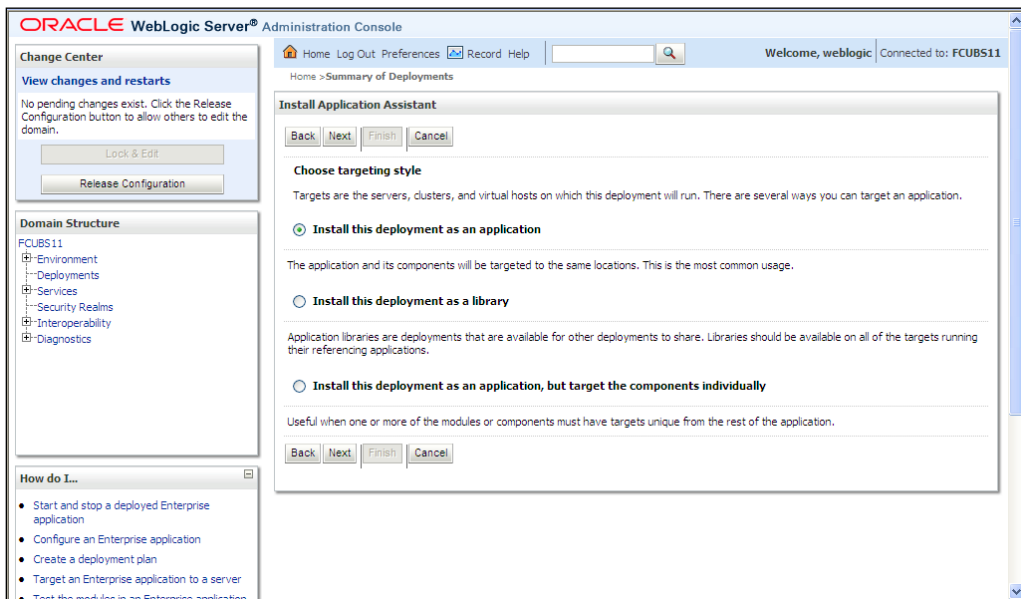
6. Click 'Next'. The following screen is displayed:



7. Specify the EAR file path. You can use the 'Browse' button to locate the file.

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8. Click 'Next'. The following screen is displayed.



9. Select the application OBTRM EAR created from the list.

10. Click 'Next'. Following screen is displayed:



11. Choose the targeting style 'Install this deployment as an application'.

12. Click 'Next'.
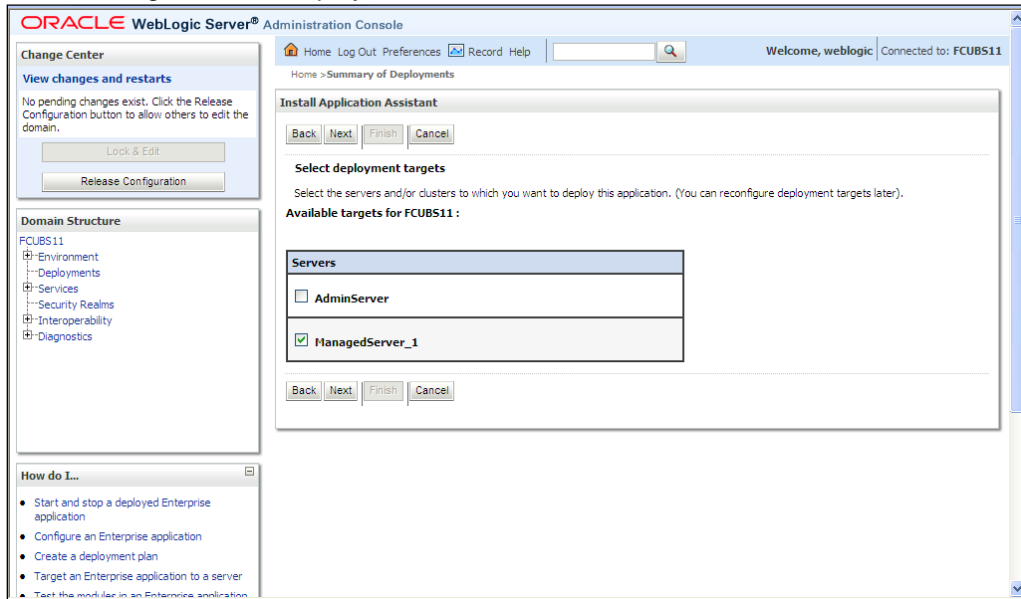
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The following screen is displayed



13. Select the target of the application. You can choose the server 'AdminServer' or 'Managed Server(s)'.

14. Click 'Next'. The following screen appears.
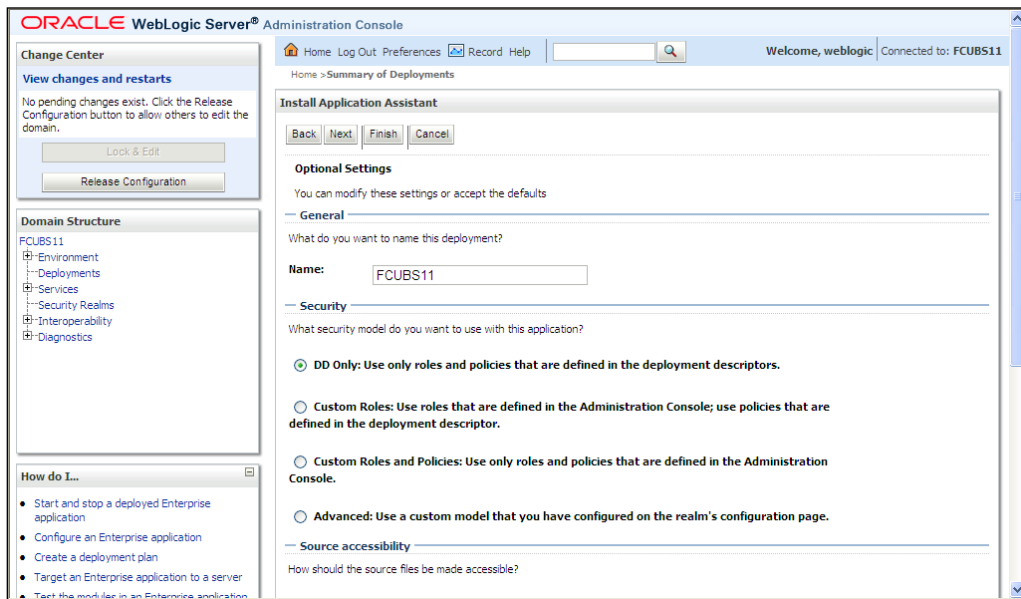


15. Check the deployment name.

The remaining portion of the screen is shown below:
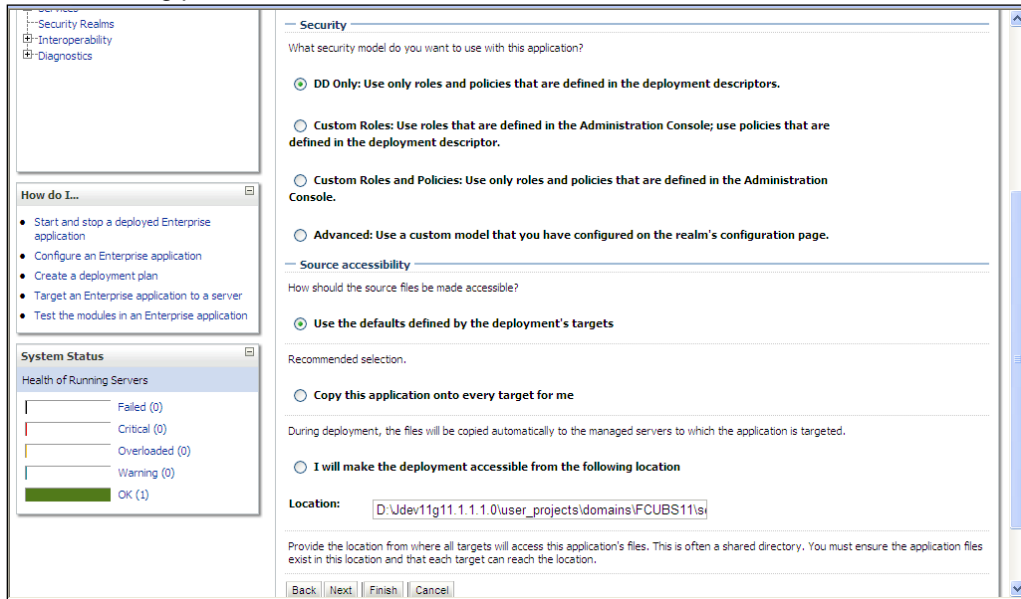


16. Check whether the deployment location is accessible or not.

The following screen is displayed.



17. Click 'Finish' button. The following screen is displayed.
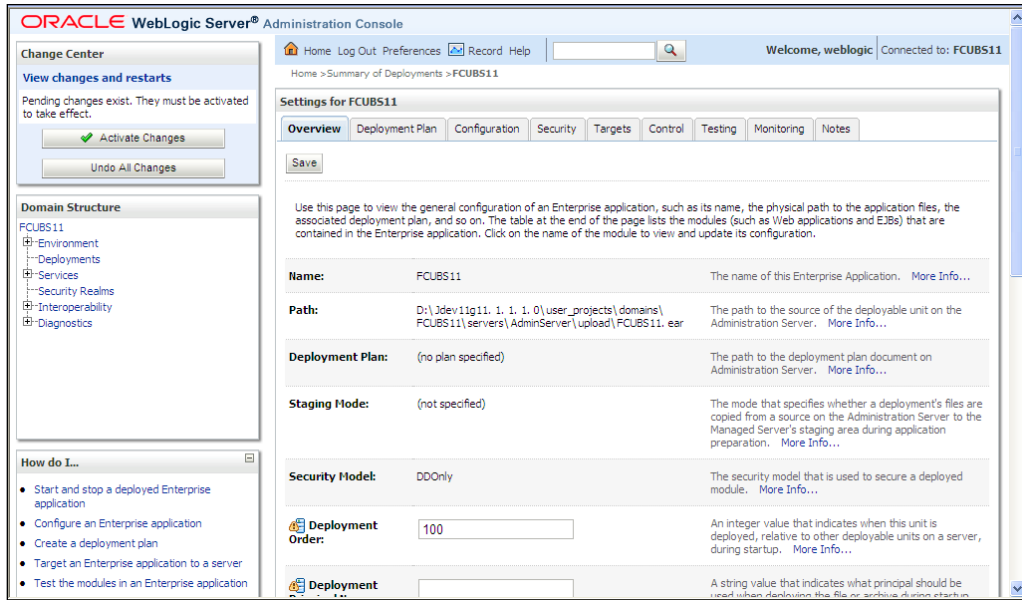
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18. Click 'Save' button. The message 'Settings updated successfully' is displayed.
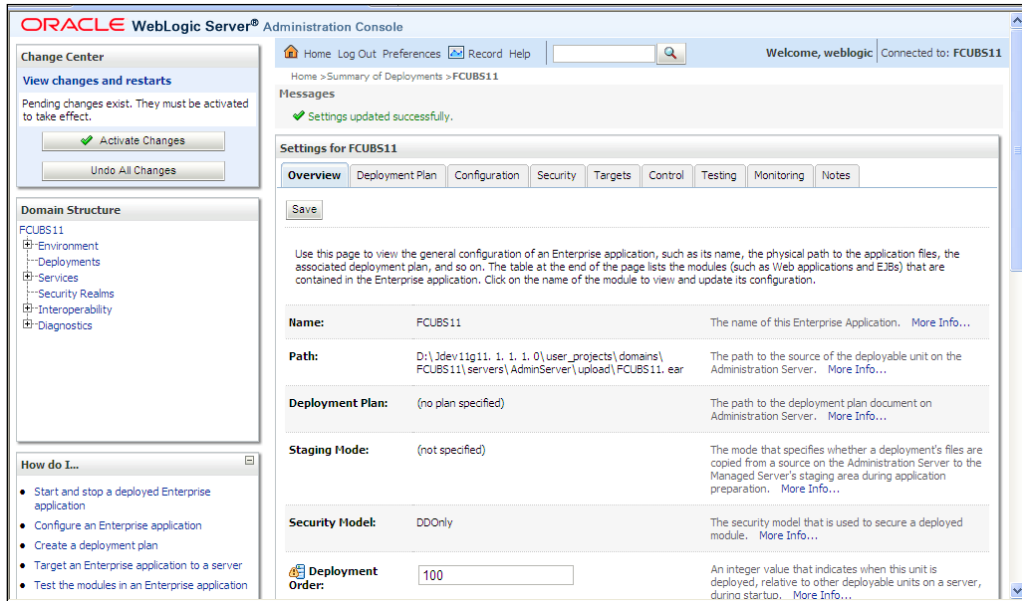


19. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

The screen is given below:
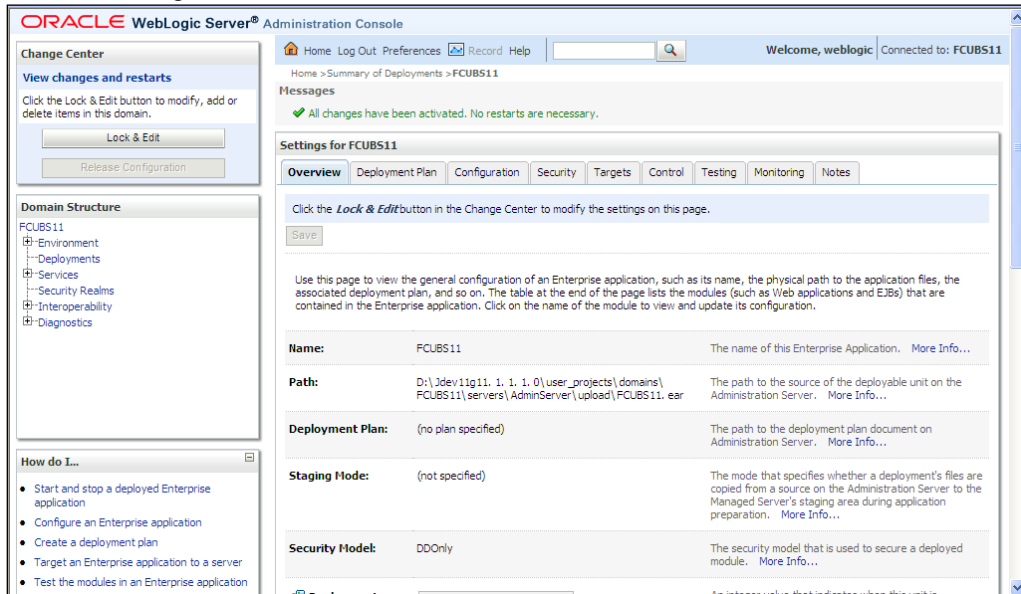


Click 'Deployment' on the left pane. Switch to Control tab .The following screen is displayed.
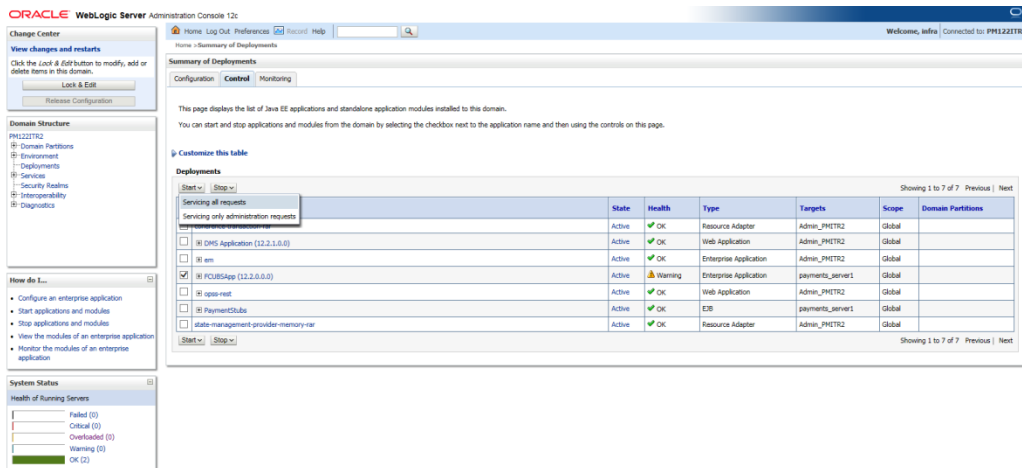


20. Click 'Start' drop-down button and select 'Servicing all requests'.

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The following screen is displayed.
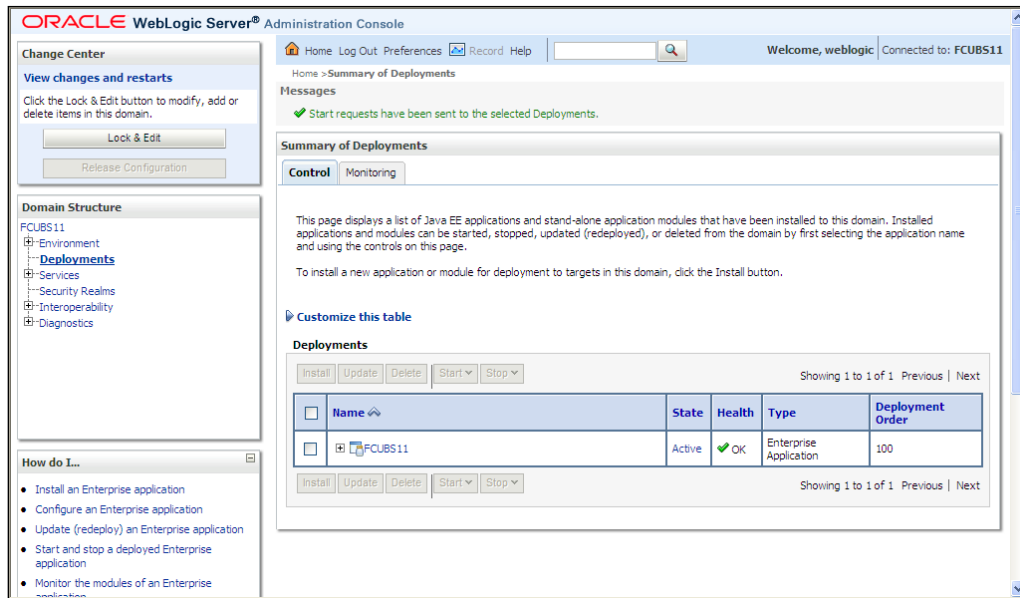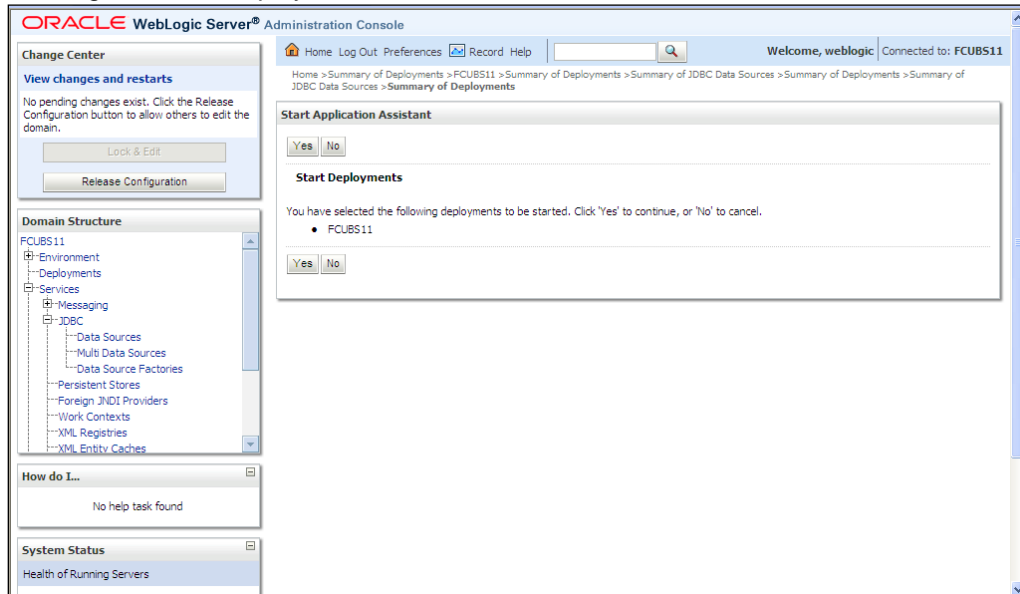


21. Click 'Yes'. The following screen is displayed.

This completes the deployment process.

## 1.3.4 Deploying Gateway/Scheduler Applications from WebLogic Administration Console

To deploy Oracle Banking Treasury Management Gateway/Scheduler Application from Oracle WebLogic administration console, follow the steps given below.

1. Launch Administrative Console of WebLogic application server. You can launch this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.
Eg: http://10.10.10.10:1001/console

22. The following screen is displayed:
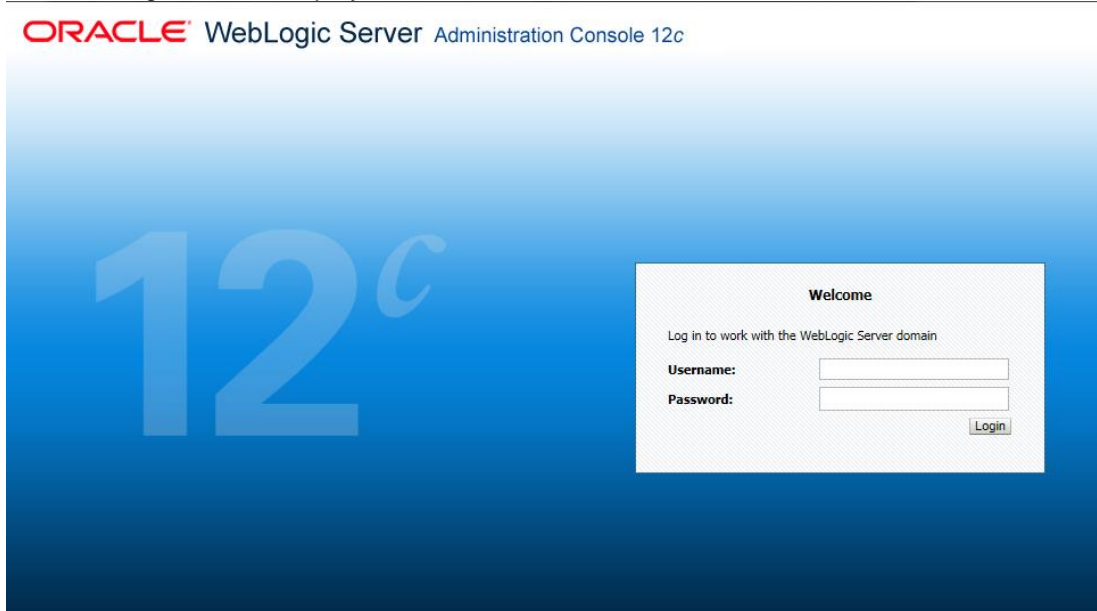


23. Specify the WebLogic administrator user name and password. Click 'Log In'.

The following screen is displayed:
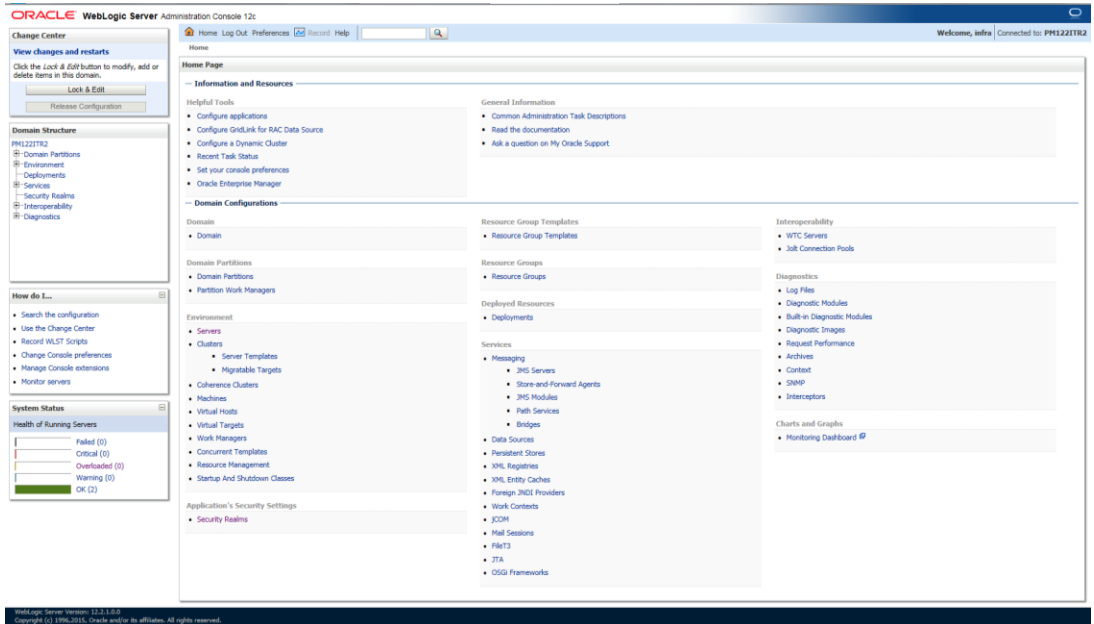


24. You need to deploy an EAR. For e.g. 'GWEJB.ear'. Go to 'Deployment'.

Click 'Lock & Edit' button to enable the buttons. This action enables the buttons.



25. Click 'Install' button. The following screen is displayed:



26. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.

27. Click 'Next'. The following screen is displayed:
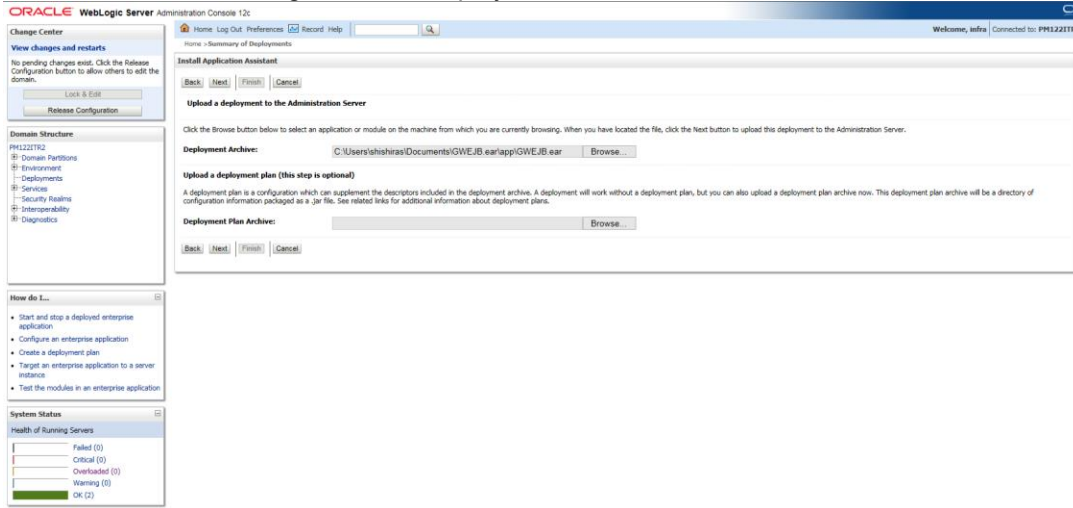


28. Specify the EAR file path. You can use the 'Browse' button to locate the file.

29. Click 'Next'. The following screen is displayed.
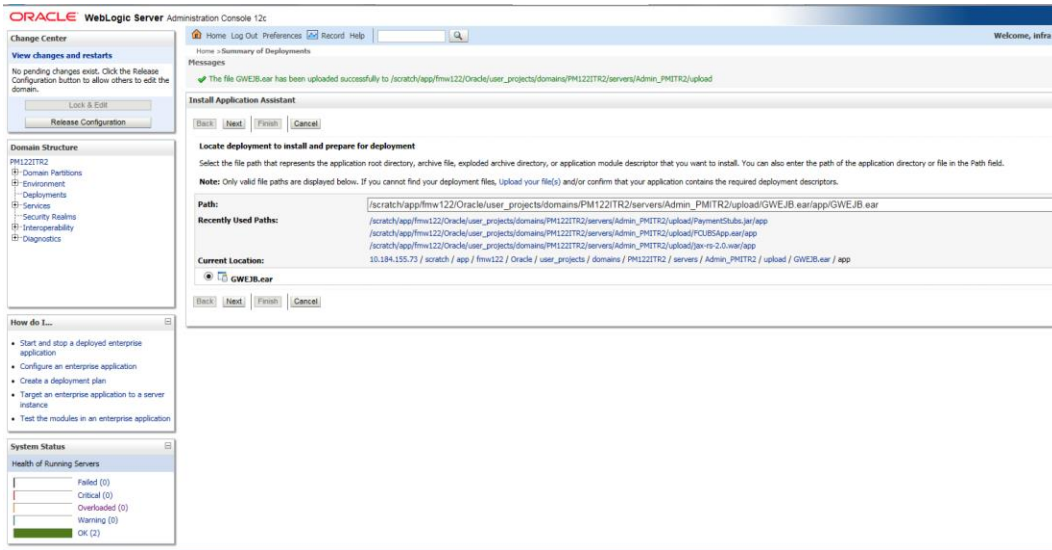


30. Select the application from the list.

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31. Click 'Next'. Following screen is displayed:
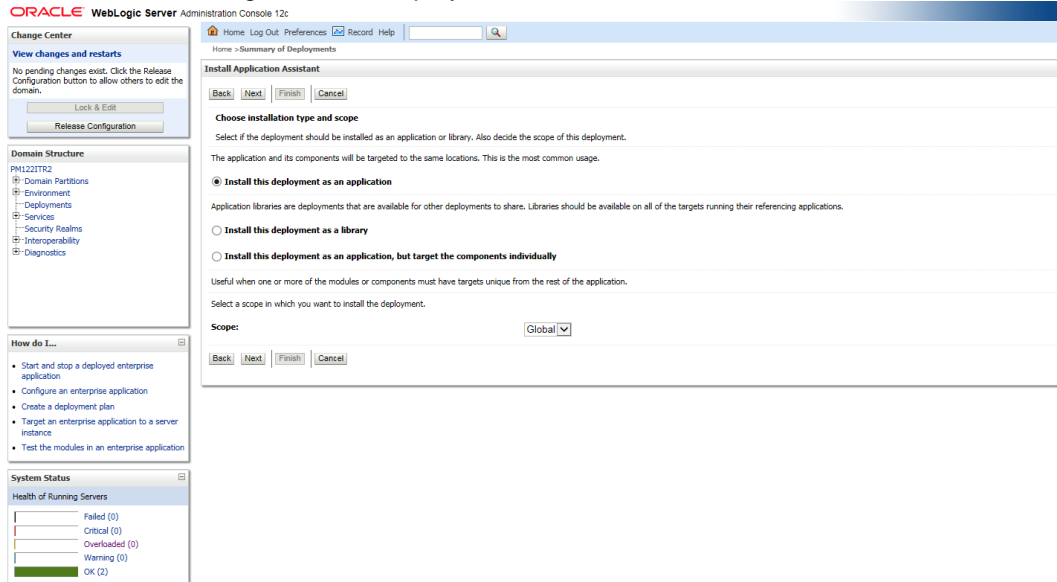


32. Choose the targeting style 'Install this deployment as an application'.

33. Click 'Next'.

The following screen is displayed
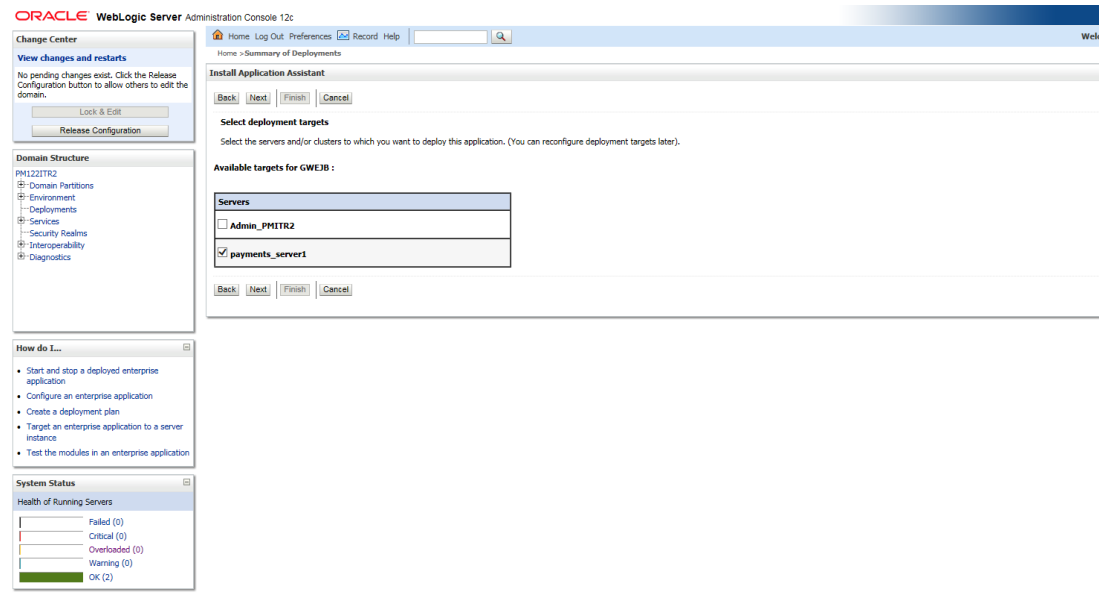


34. Select the target of the application. You can choose the server 'AdminServer' or 'Managed Server(s)'.

35. Click 'Next'. The following screen is displayed.
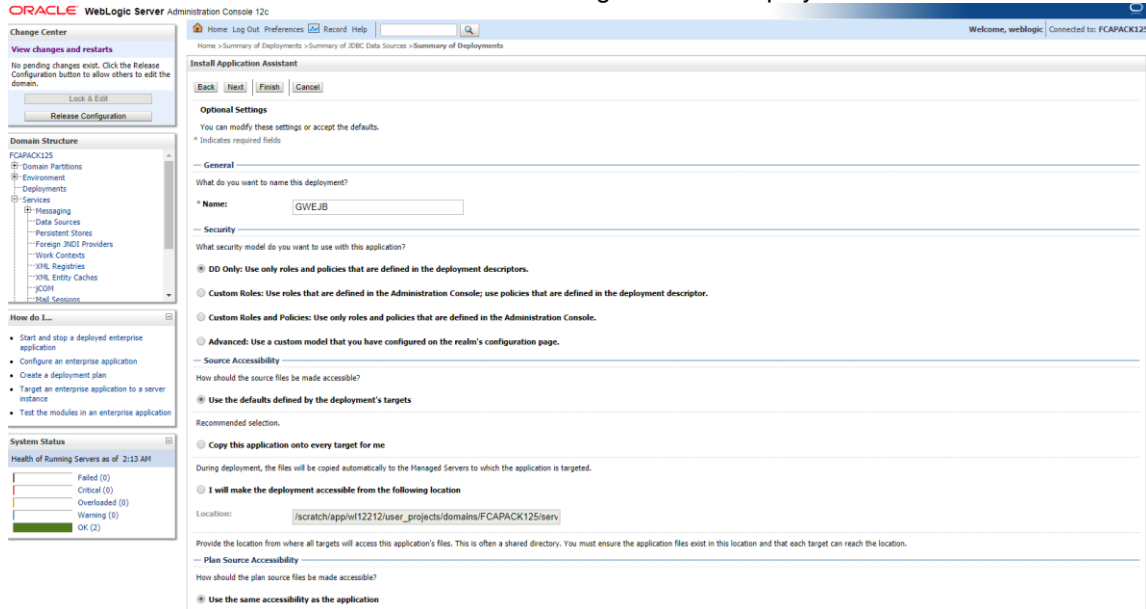


36. Check the deployment name.

The remaining portion of the screen is shown below:

Check whether the deployment location is accessible or not.The following screen is displayed.



37. Click 'Finish' button. The following screen is displayed.

38. Click 'Save' button. The message 'Settings updated successfully' is displayed.



39. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

The screen is given below:



Click 'Deployment' on the left pane. Switch to Control tab. The following screen is displayed.

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40. Click 'Start' drop-down button and select 'Servicing all requests'.

41. The following screen is displayed.

42. Click 'Yes'. The following screen is displayed.



This completes the deployment process.

1. Repeat the same steps from 1.3.3 for deploying GWWS(gateway webservices),Gateway MDB & Gateway HTTP servlet

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**Deploying Oracle Banking Treasury Management on WebLogic**

**[February] [2021]**

**Version 14.4.0.3.0**

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