

Payments WebLogic Deployment

Oracle FLEXCUBE Payments

Release 12.4.0.0.0

[May] [2017]



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1. Deploying Oracle FLEXCUBE on WebLogic

1.1 Introduction

This chapter explains the steps to deploy Oracle FLEXCUBE UBS application into Oracle WebLogic application server in centralized and decentralized modes. In centralized mode, branch and host are setup in a single PC. In decentralized mode, branch and host are setup in different PCs.

1.2 Building Application

For building Oracle FLEXCUBE Application in centralized and decentralized modes, refer to the following chapters.

1.2.1 Building Application in Centralized Mode

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

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

1.2.2 Building Application in Decentralized Mode

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

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

1.3 Deploying Application in Oracle WebLogic

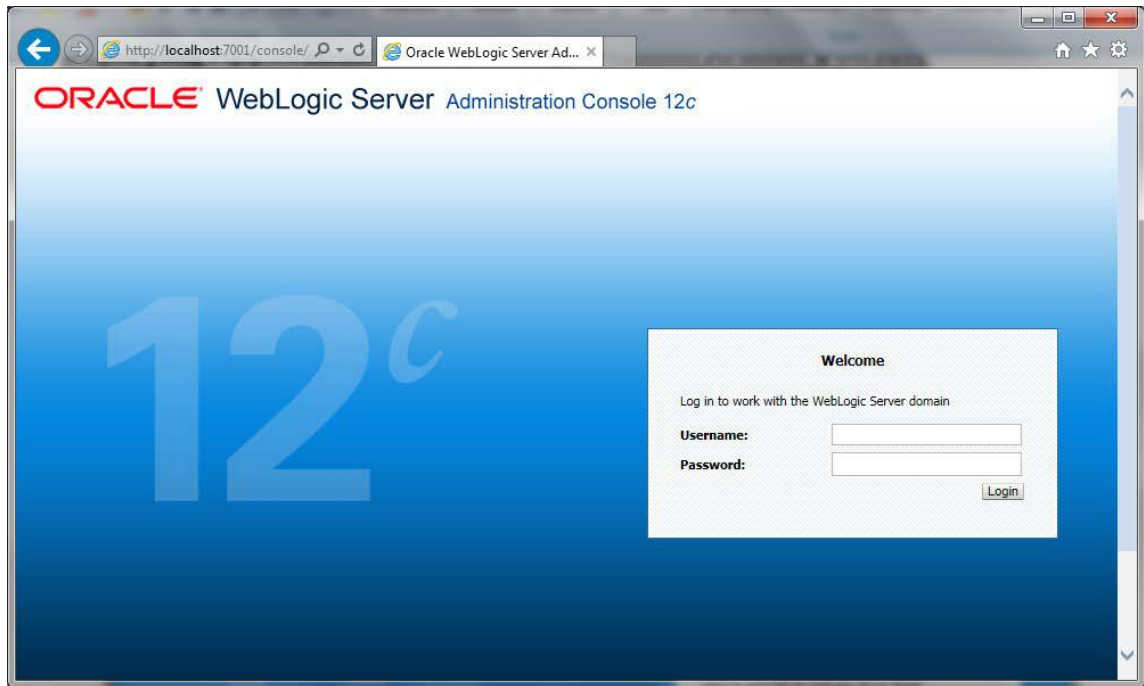
This section explains the method of deploying Oracle FLEXCUBE Application Oracle WebLogic application server.

1.3.1 Deploying Dependency Library “Jersey-bundle”

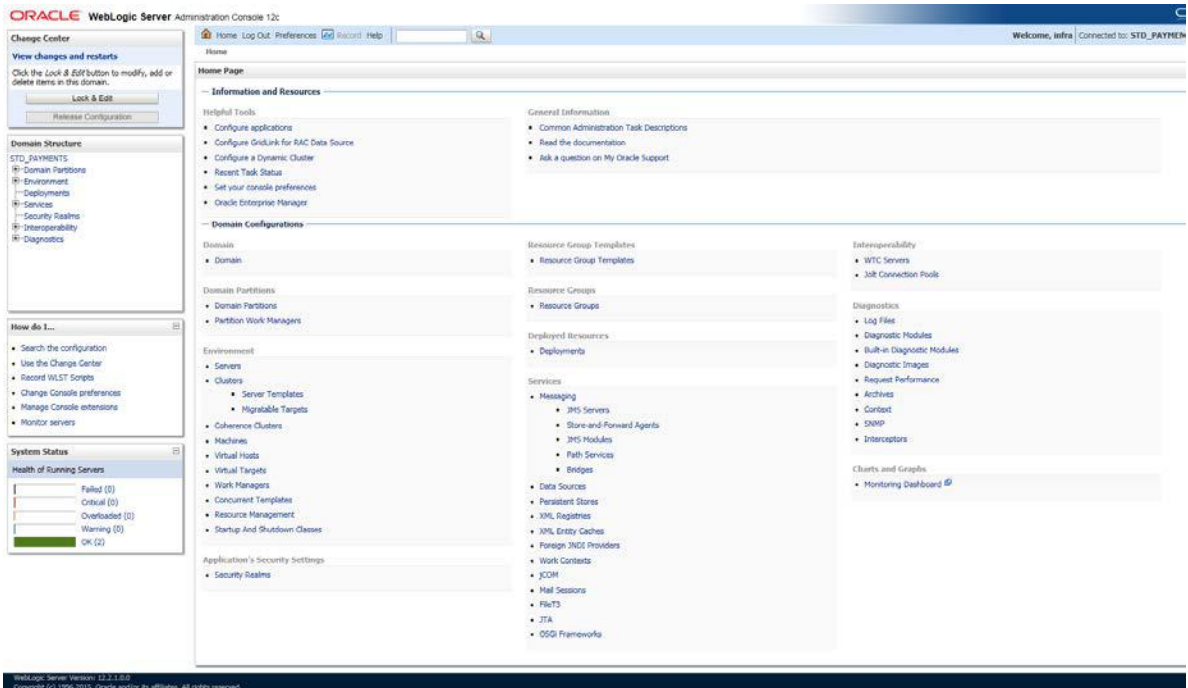
This library must be installed before deploying FCUBSApp.ear. Follow the below steps

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>

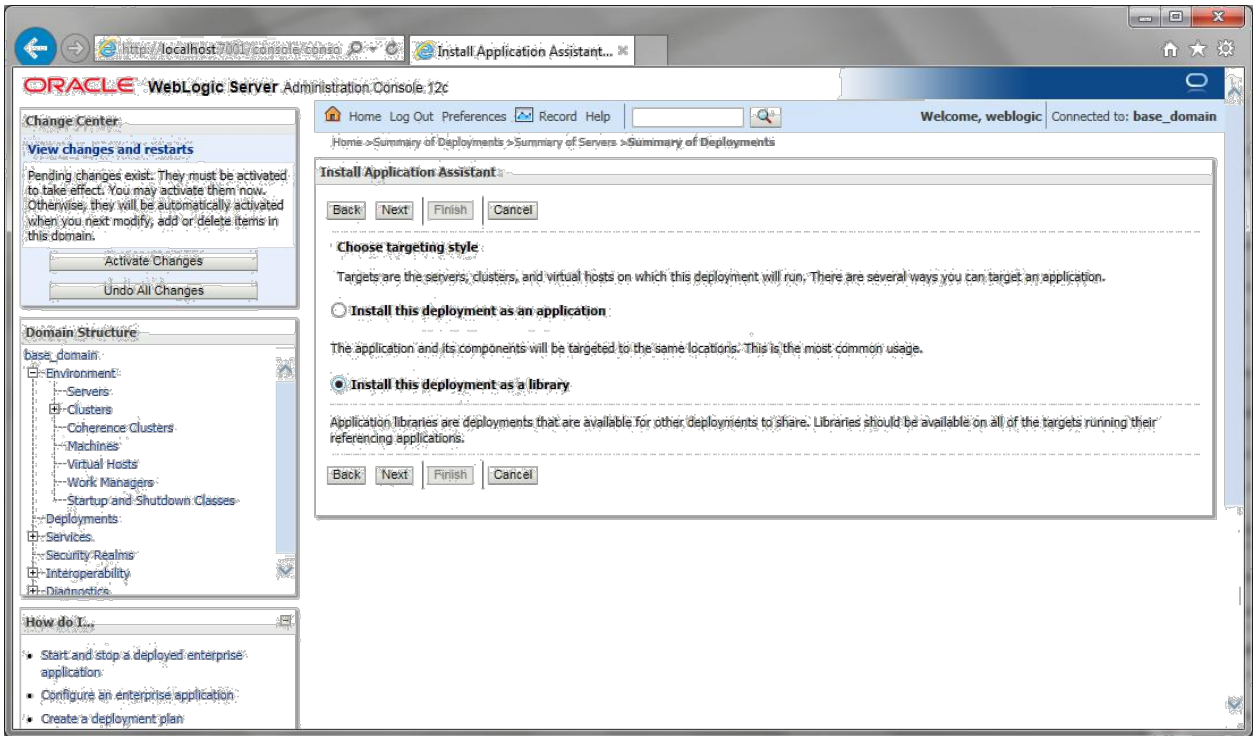
2. The following screen is displayed:



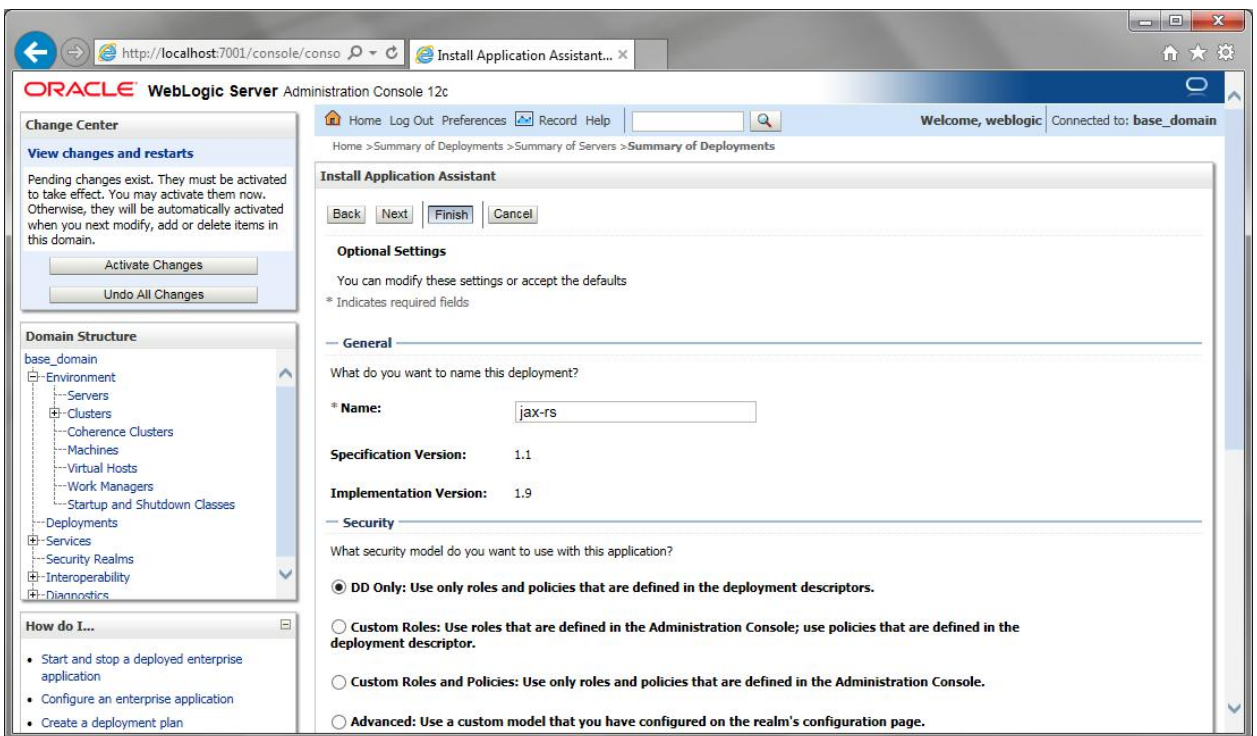
3. Specify the WebLogic administrator user name and password. Click 'Log In'. The following screen is displayed:



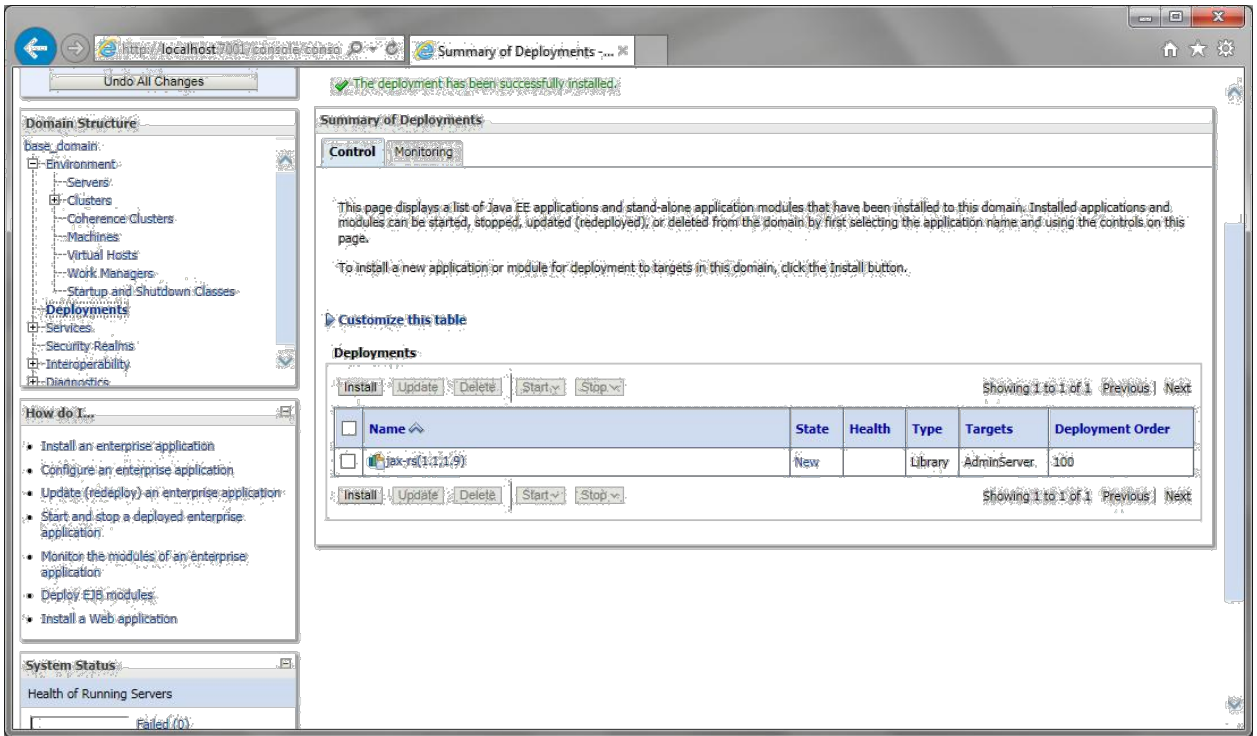
Click install button



Select "install this deployment as library" and click next



Click finish button



This library must appear in the deployment with Type column as “Library”

1.3.2 Deploying FCUBS Application from WebLogic Administration Console

To deploy Oracle FLEXCUBE Application from Oracle WebLogic administration console, follow the steps given below.

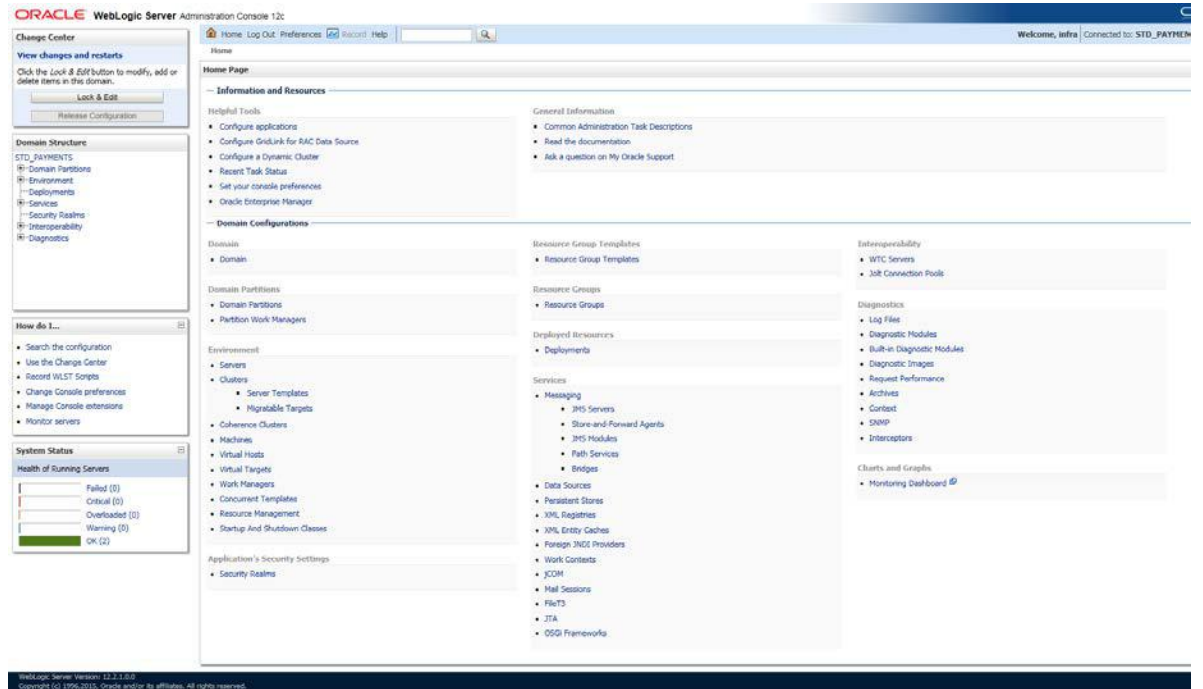
1. Start the Administrative Console of WebLogic application server. You can start this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser. Eg: <http://10.10.10.10:1001/console>

2. The following screen is displayed:



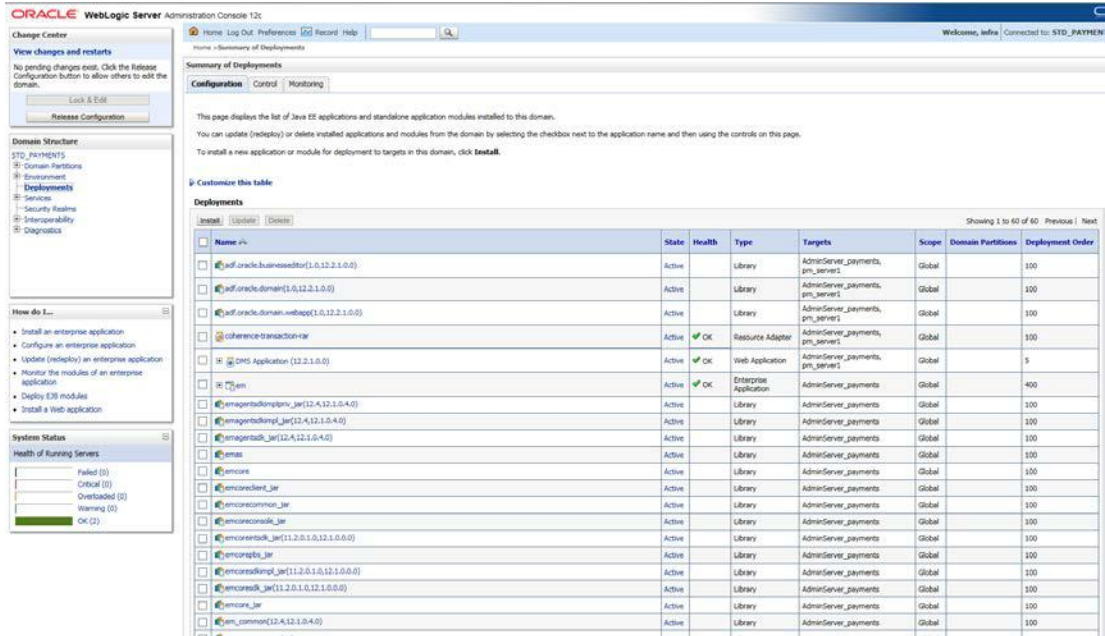
3. Specify the WebLogic administrator user name and password. Click 'Log

In'. The following screen is displayed:

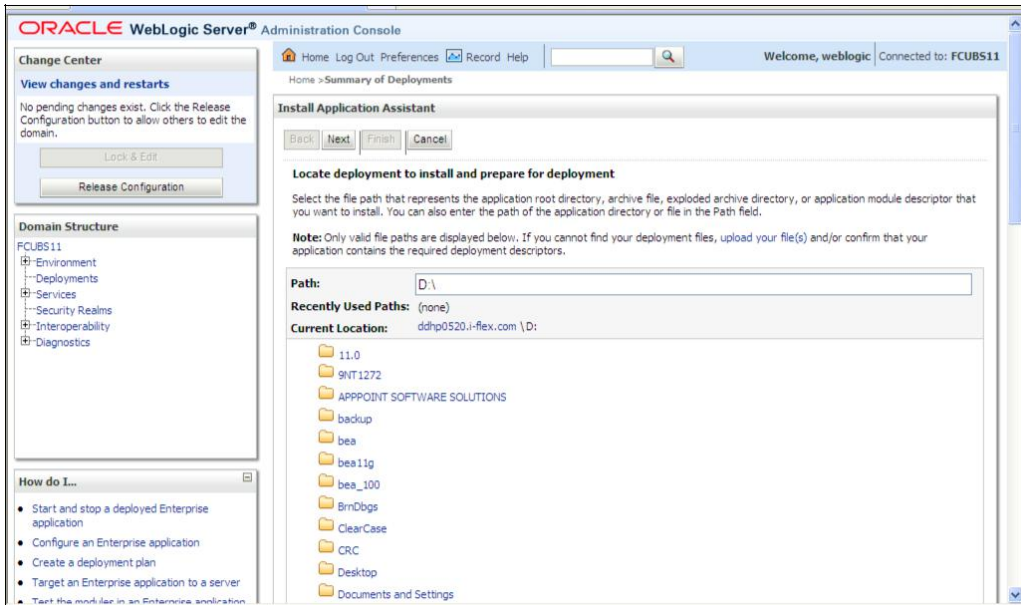


4. You need to deploy an EAR. For e.g. 'FCUBSApp.ear'. Go to 'Deployment'.

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

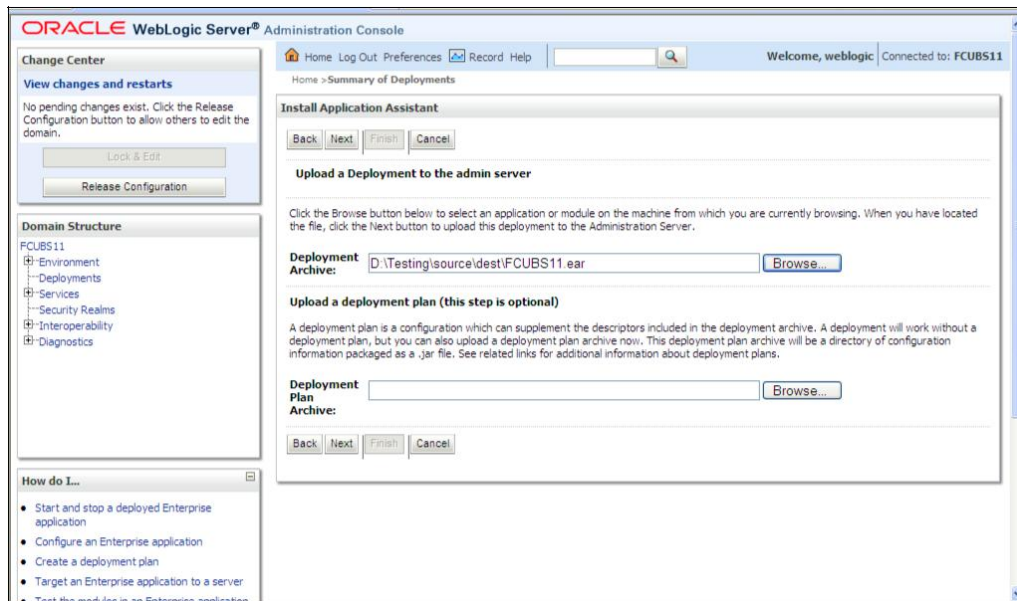


5. Click 'Install' button. The following screen is displayed:



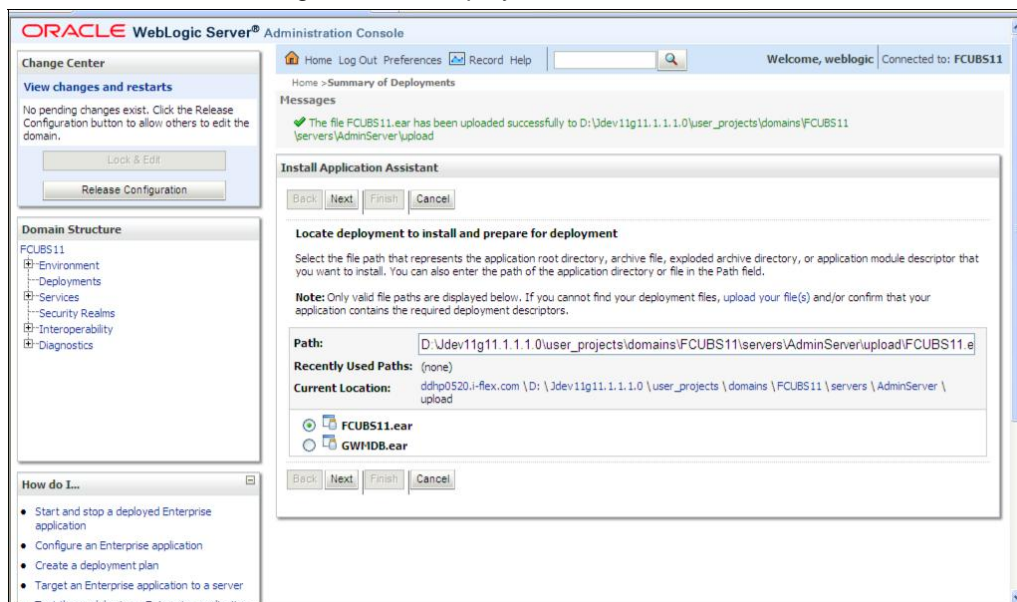
6. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.

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



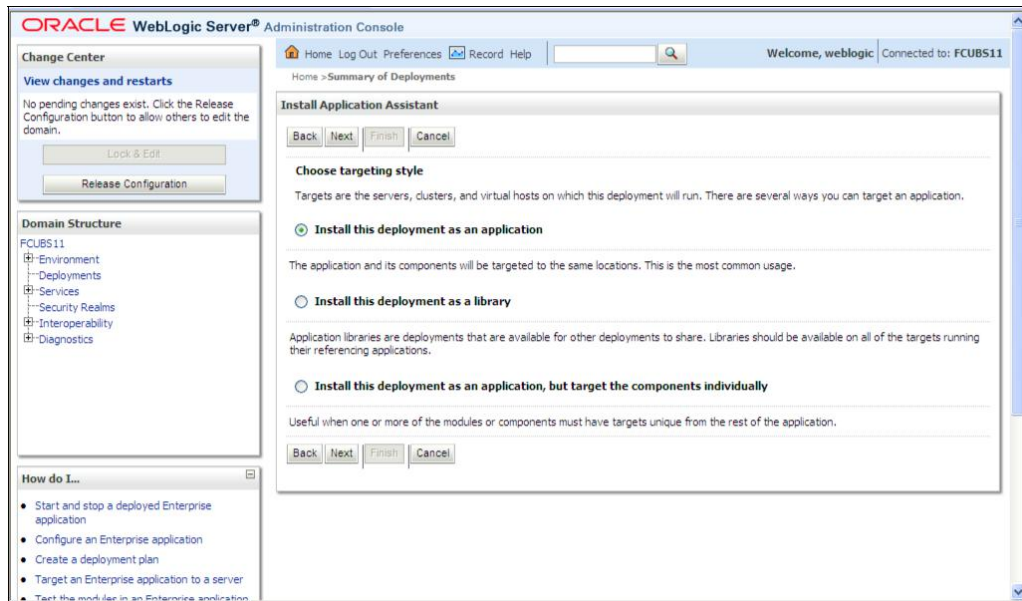
8. Specify the EAR file path. You can use the 'Browse' button to locate the file.

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



10. Select the application 'FCUBSApp.ear' from the list.

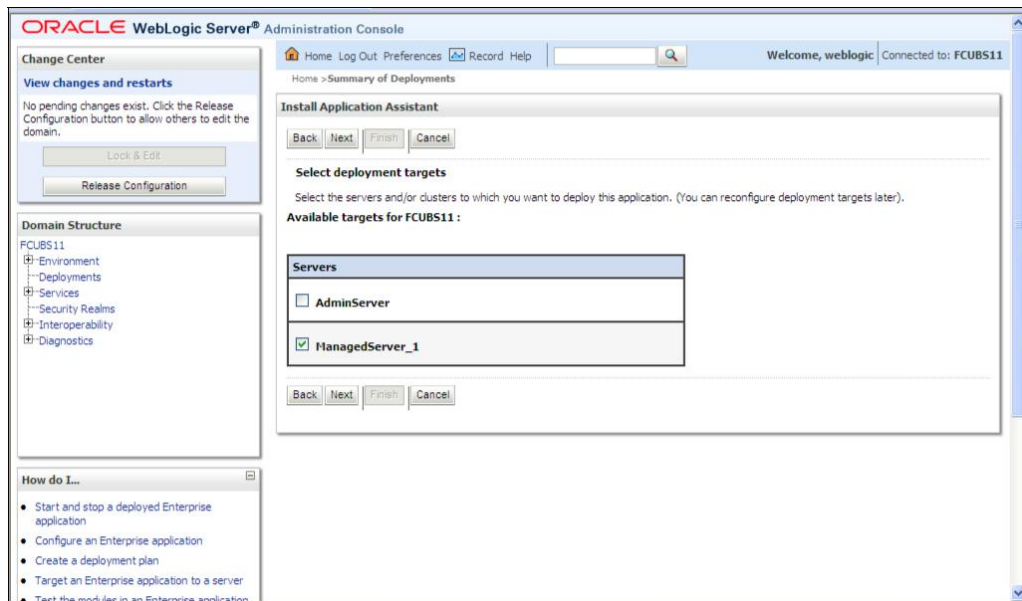
11. Click 'Next'. Following screen is displayed:



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

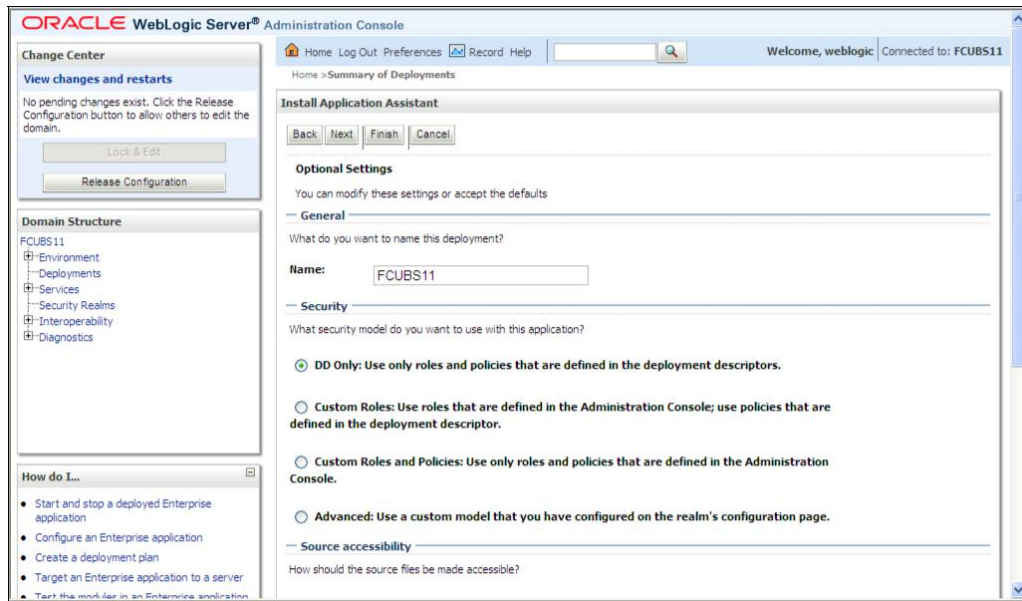
13. Click 'Next'.

The following screen is displayed



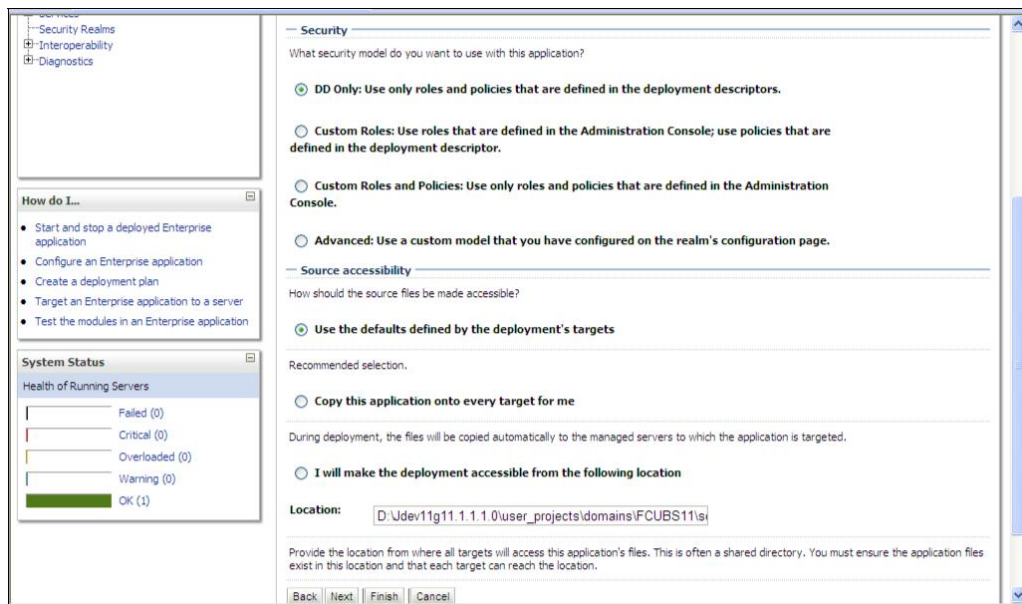
14. Select the target of the application. You can choose the server 'AdminServer' or 'Managed Server(s)'.

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



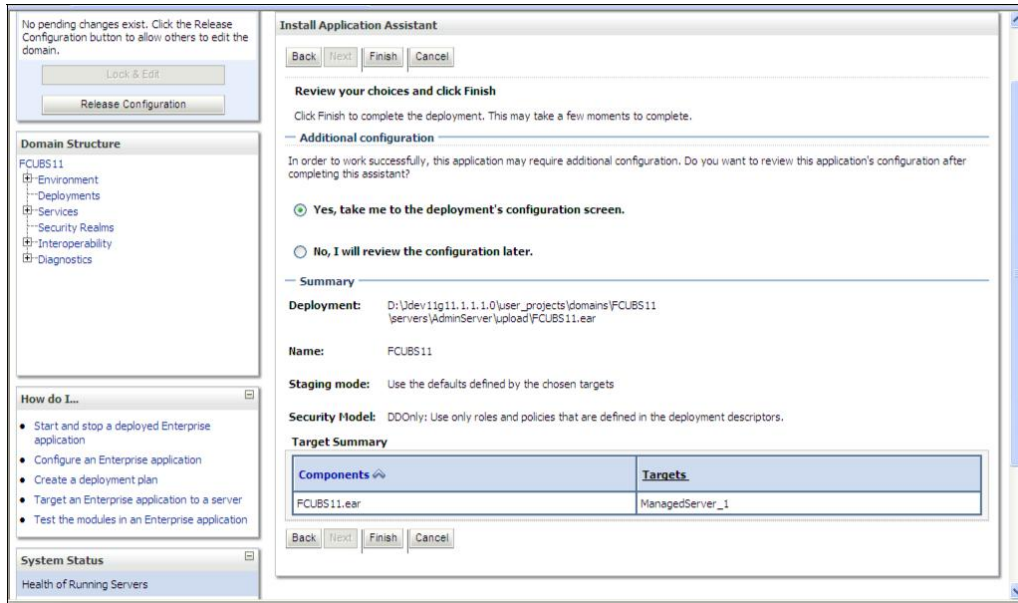
16. Check the deployment name.

The remaining portion of the screen is shown below:



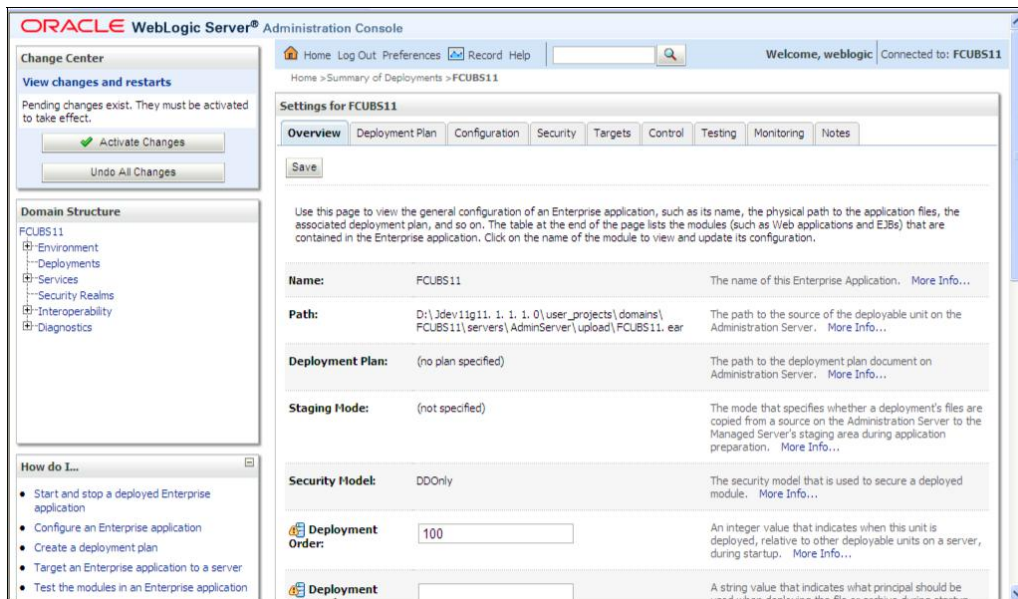
17. Check whether the deployment location is accessible or not.

The following screen is displayed.

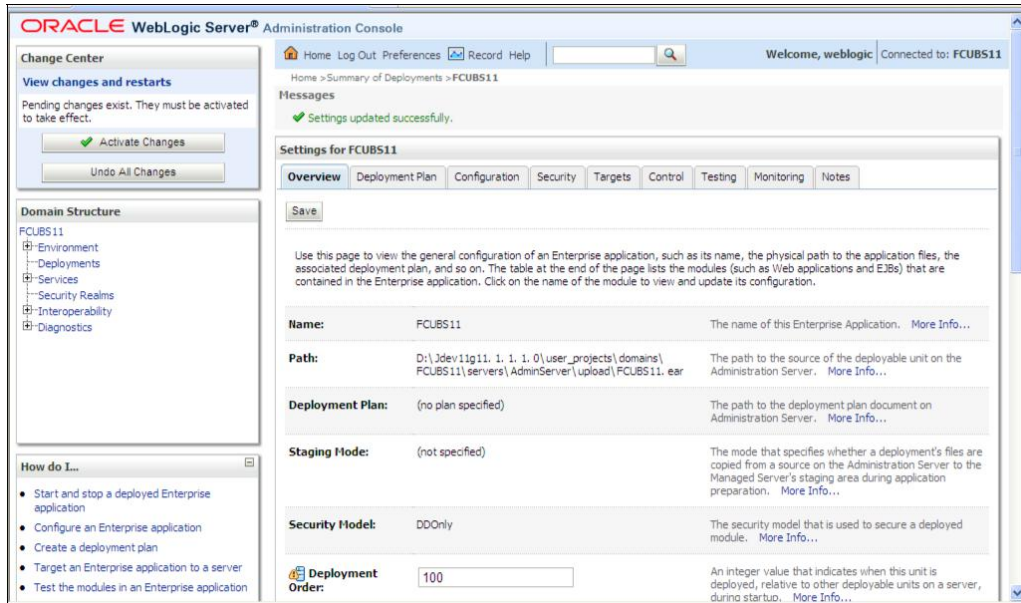


18. Click 'Finish' button. The following screen is displayed.

Change **Deployment Order** to **400** if the application includes **BPEL plug-in**.

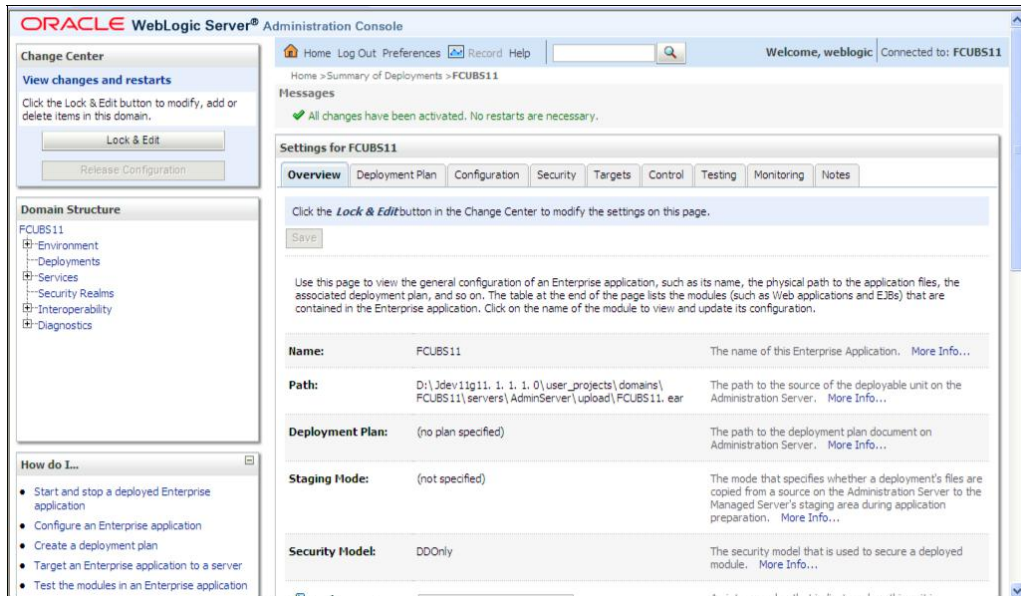


19. Click 'Save' button. The message 'Settings updated successfully' is displayed.



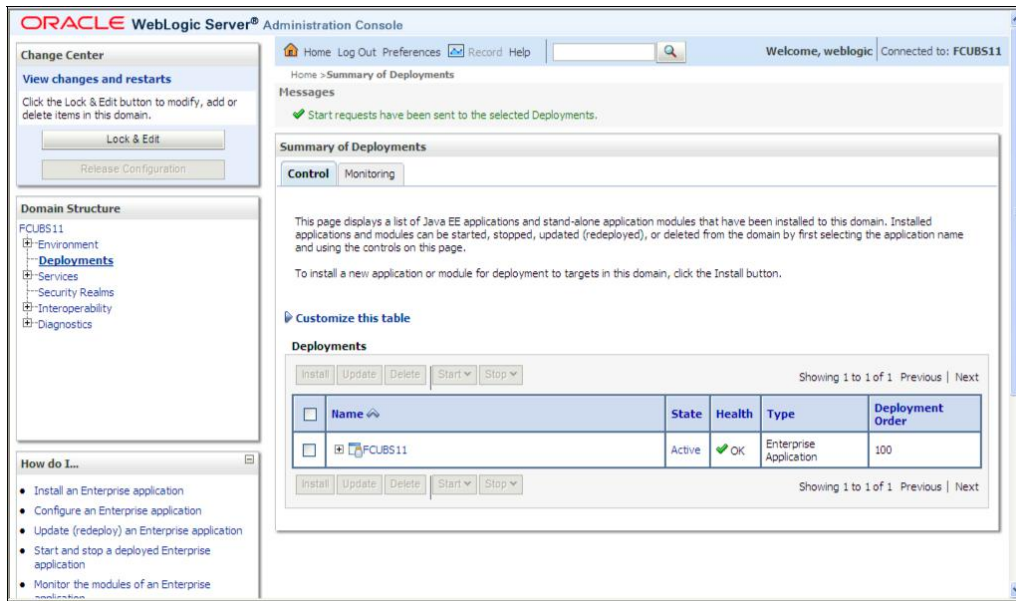
20. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

The screen is given below:



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

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



This completes the deployment process.

1.3.3 Deploying Gateway/Scheduler Applications from WebLogic Administration Console

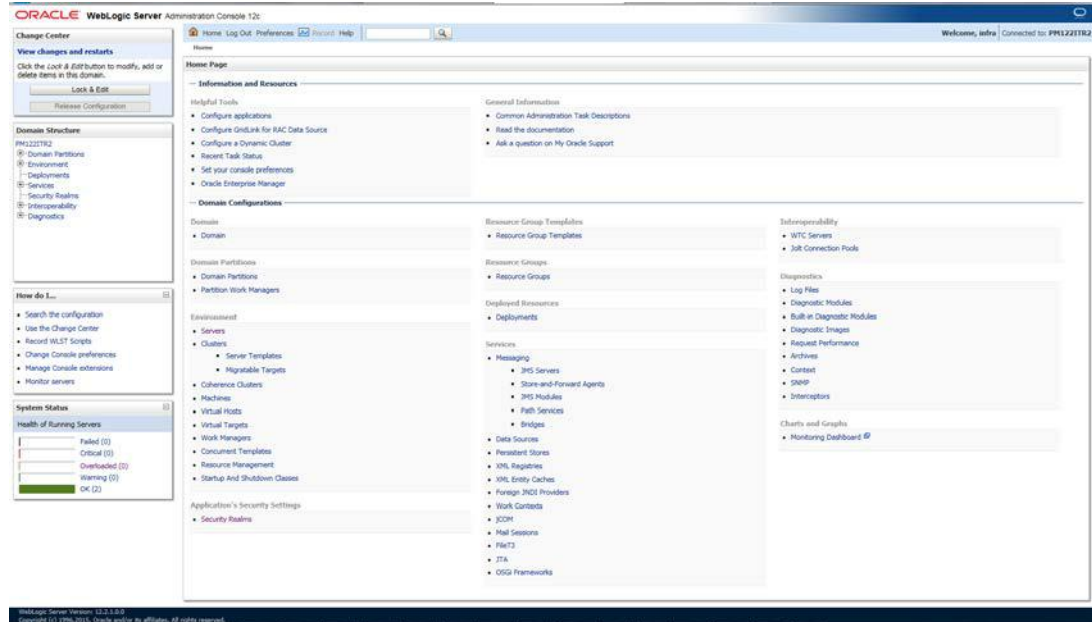
To deploy Oracle FLEXCUBE Gateway/Scheduler Application from Oracle WebLogic administration console, follow the steps given below.

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>
2. The following screen is displayed:



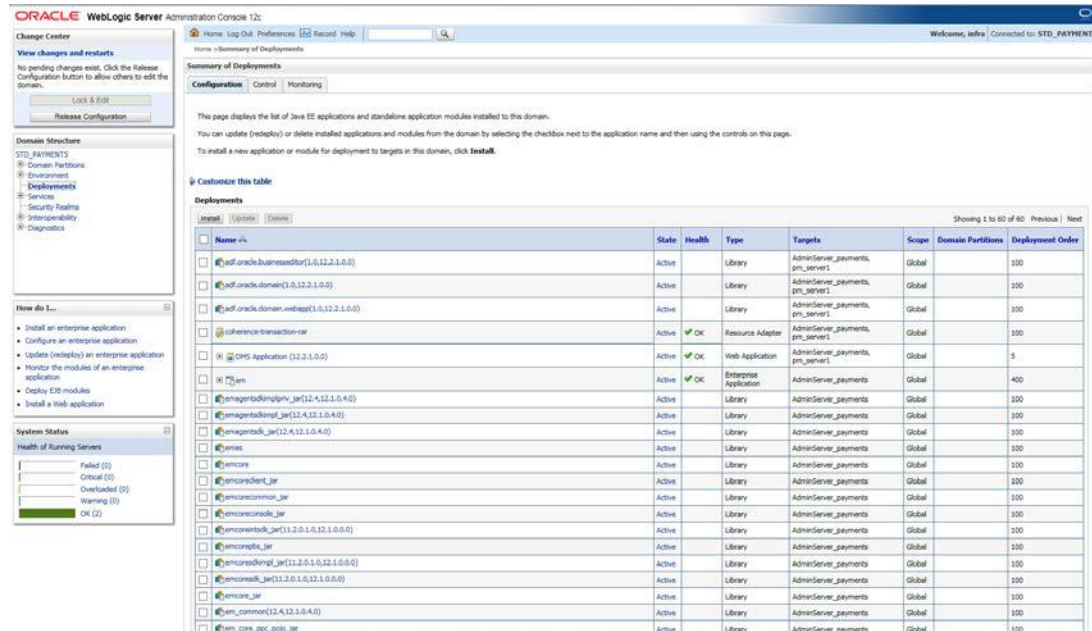
3. Specify the WebLogic administrator user name and password. Click 'Log In'.

The following screen is displayed:

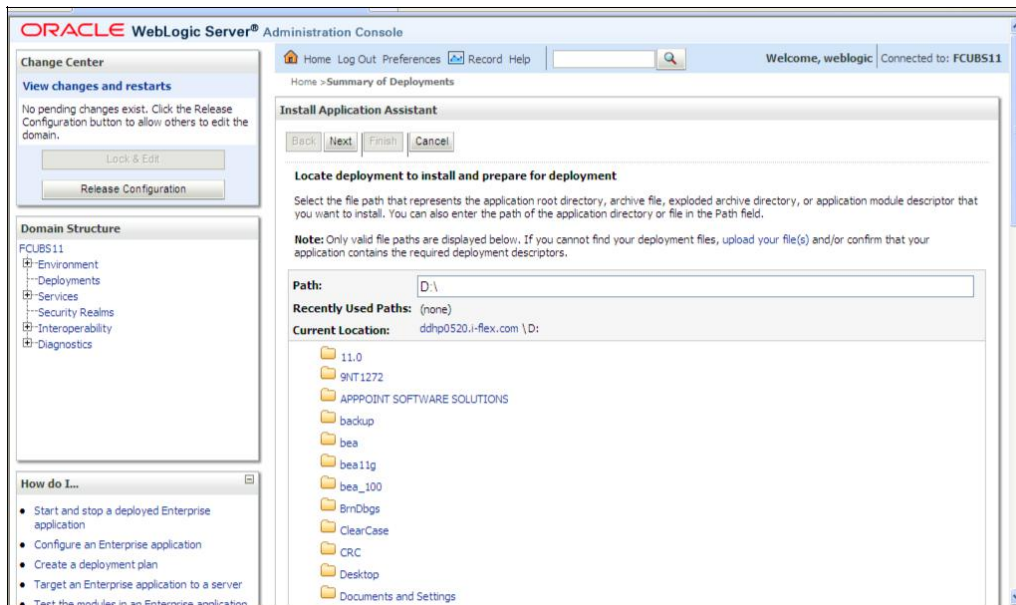


4. You need to deploy an EAR. For e.g. 'GWEJB.ear'. Go to 'Deployment'.

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

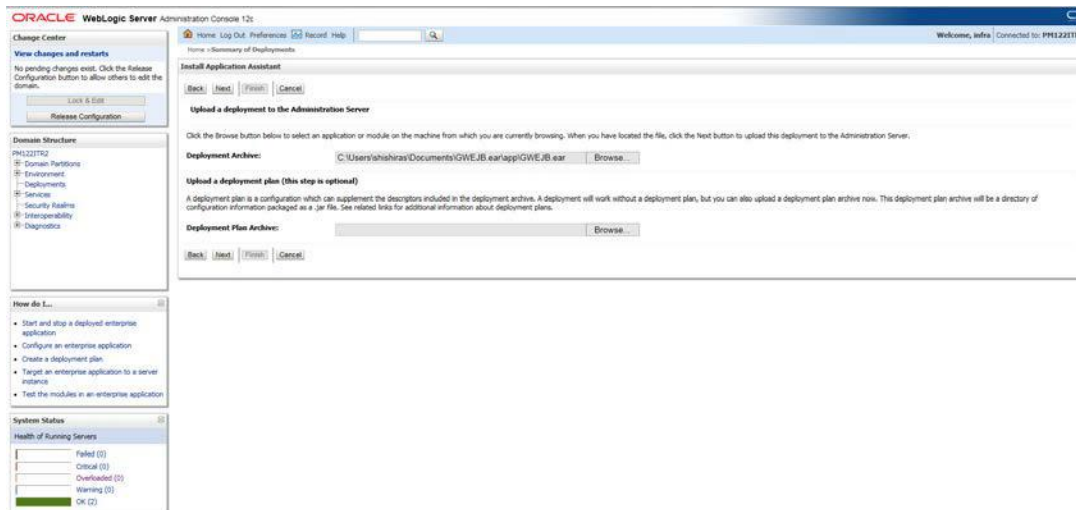


5. Click 'Install' button. The following screen is displayed:



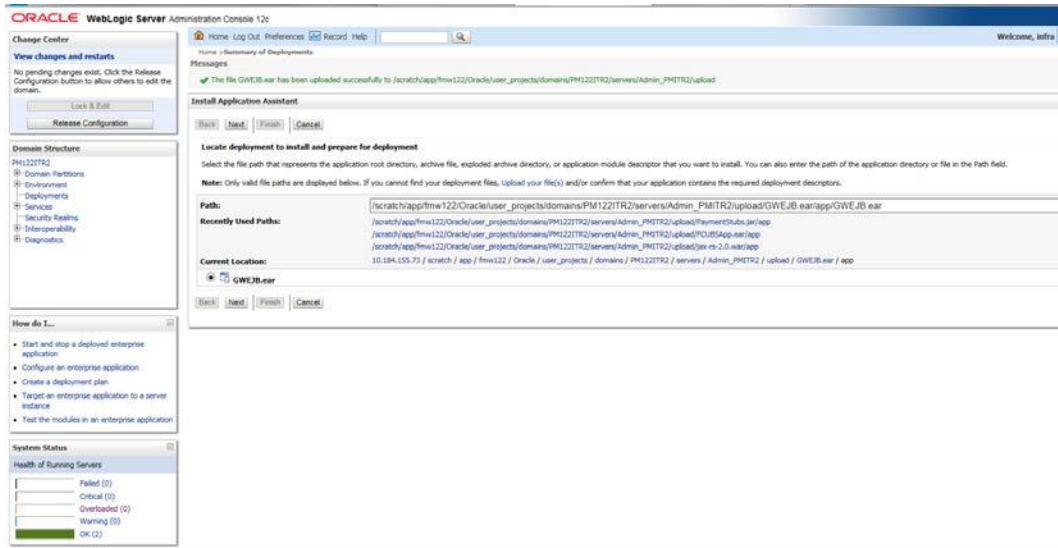
6. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.

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



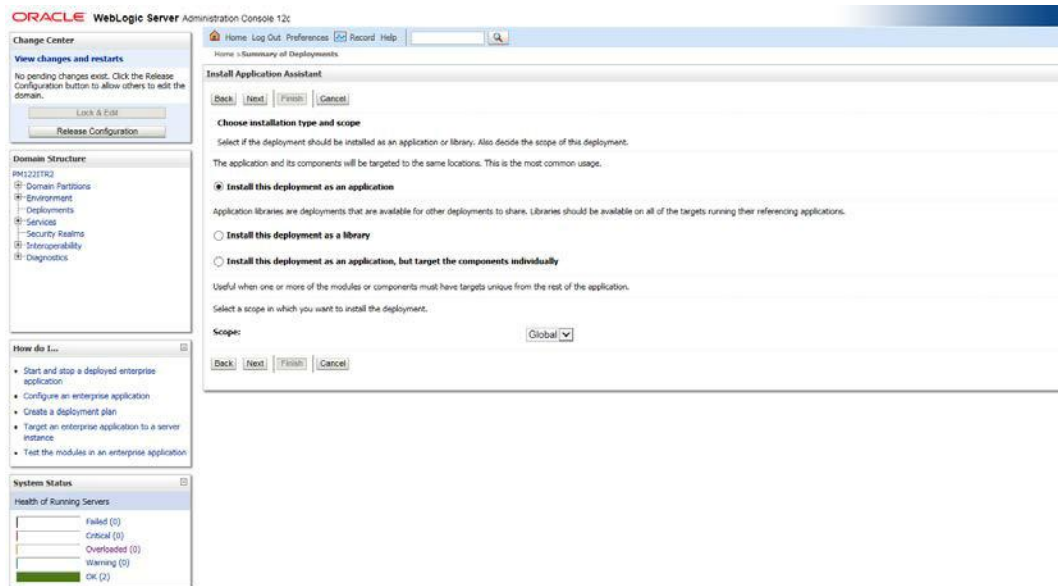
8. Specify the EAR file path. You can use the 'Browse' button to locate the file.

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



10. Select the application from the list.

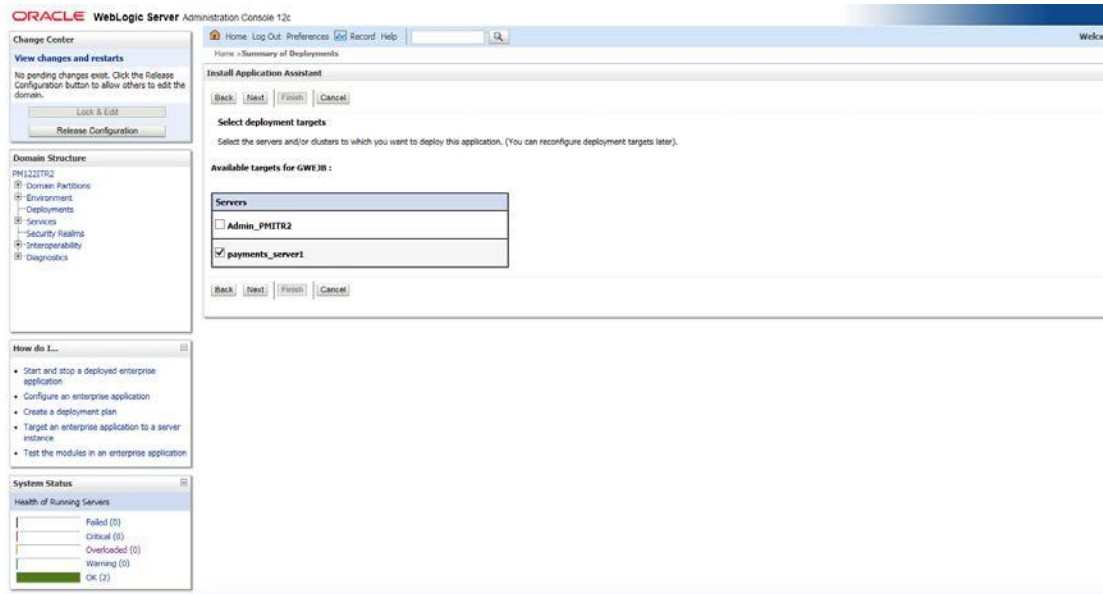
11. Click 'Next'. Following screen is displayed:



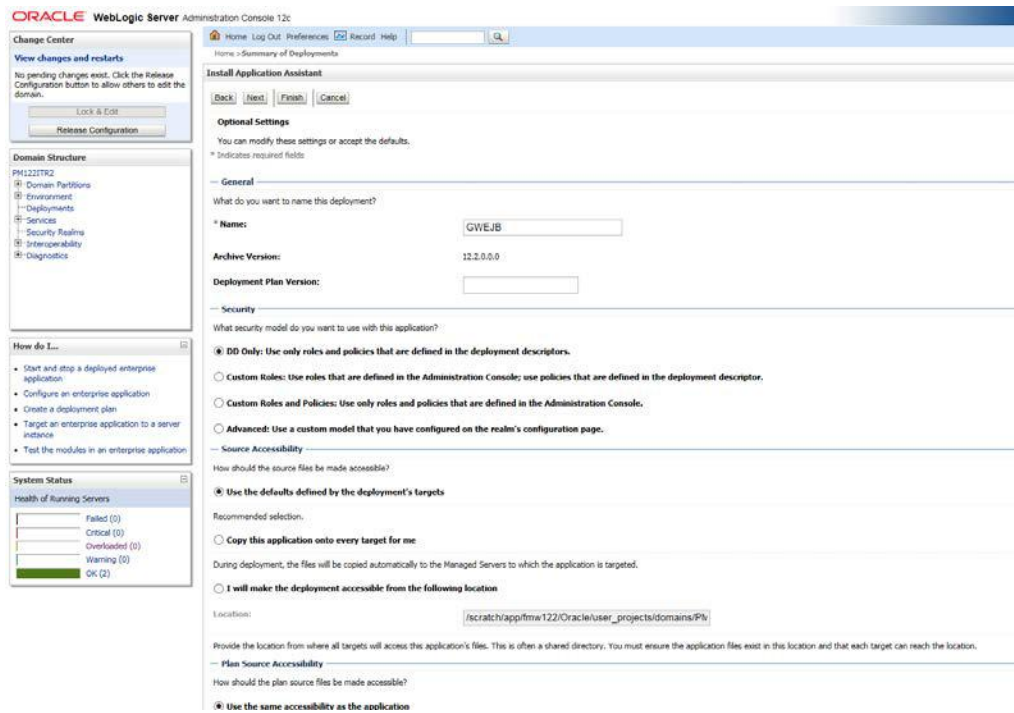
12. Choose the targeting style 'Install this deployment as an application'.

13. Click 'Next'.

The following screen is displayed



14. Select the target of the application. You can choose the server 'AdminServer' or 'Managed Server(s)'.
15. Click 'Next'. The following screen is displayed.



16. Check the deployment name.

The remaining portion of the screen is shown below:

The screenshot shows the 'Install Application Assistant' configuration screen. On the left, there are navigation panels for 'Services', 'System Status', 'How do I...', and 'System Status'. The main area contains the following configuration options:

- Name:** GWEJB
- Archive Version:** 12.2.0.0.0
- Deployment Plan Version:** (empty field)
- Security:** What security model do you want to use with this application?
 - DD Only:** Use only roles and policies that are defined in the deployment descriptors.
 - Custom Roles: Use rules that are defined in the Administration Console; use policies that are defined in the deployment descriptor.
 - Custom Roles and Policies: Use only roles and policies that are defined in the Administration Console.
 - Advanced: Use a custom model that you have configured on the realm's configuration page.
- Source Accessibility:** How should the source files be made accessible?
 - Use the defaults defined by the deployment's targets**
 - Recommended selection.
 - Copy this application onto every target for me
 - I will make the deployment accessible from the following location
- Location:** /scratch/app/fmw122/Oracle/user_projects/domains/PIV
- Plan Source Accessibility:** How should the plan source files be made accessible?
 - Use the same accessibility as the application**
 - Recommended selection.
 - Copy this plan onto every target for me
 - Do not copy this plan to targets

At the bottom, there are buttons for 'Back', 'Next', 'Finish', and 'Cancel'.

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

The following screen is displayed.

The screenshot shows the 'Summary' screen of the 'Install Application Assistant'. The left navigation panel is the same as in the previous screenshot. The main area displays the following summary information:

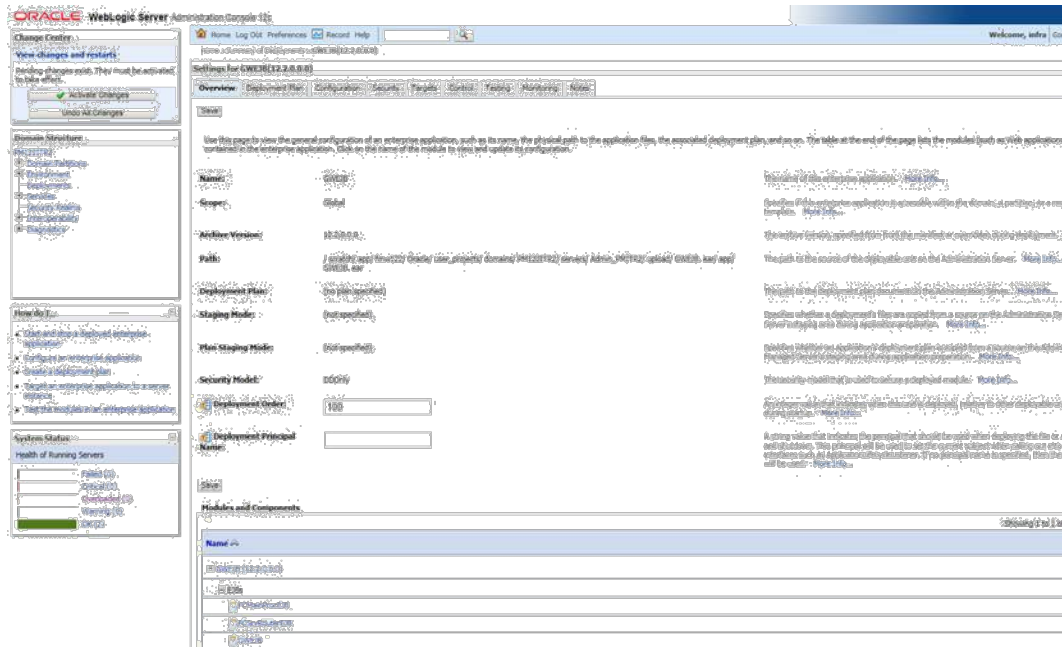
- Deployment:** /scratch/app/fmw122/Oracle/user_projects/domains/PIV1221FR2/servers/Admin_PMTFR2/upload/GWEJB.ear/app/GWEJB.ear
- Name:** GWEJB
- Staging Mode:** Use the defaults defined by the chosen targets
- Plan Staging Mode:** Use the same accessibility as the application
- Security Model:** DDOnly: Use only roles and policies that are defined in the deployment descriptors.
- Scope:** Global

Below the summary, there is a 'Target Summary' table:

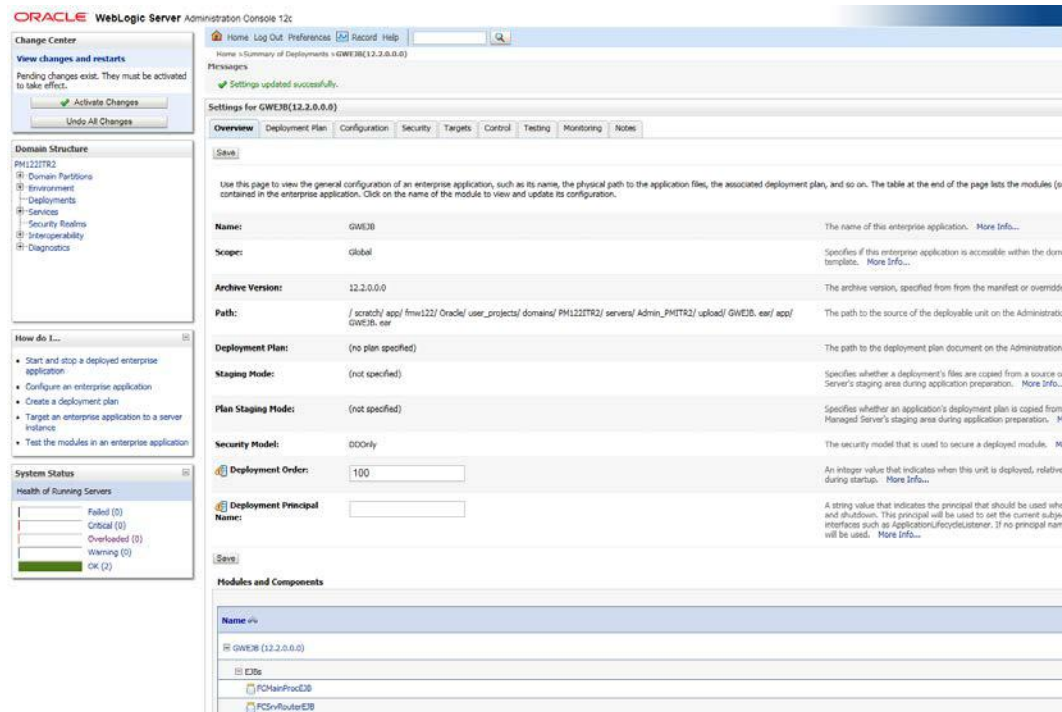
Components	Targets
GWEJB.ear	payments_server1

At the bottom, there are buttons for 'Back', 'Next', 'Finish', and 'Cancel'.

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

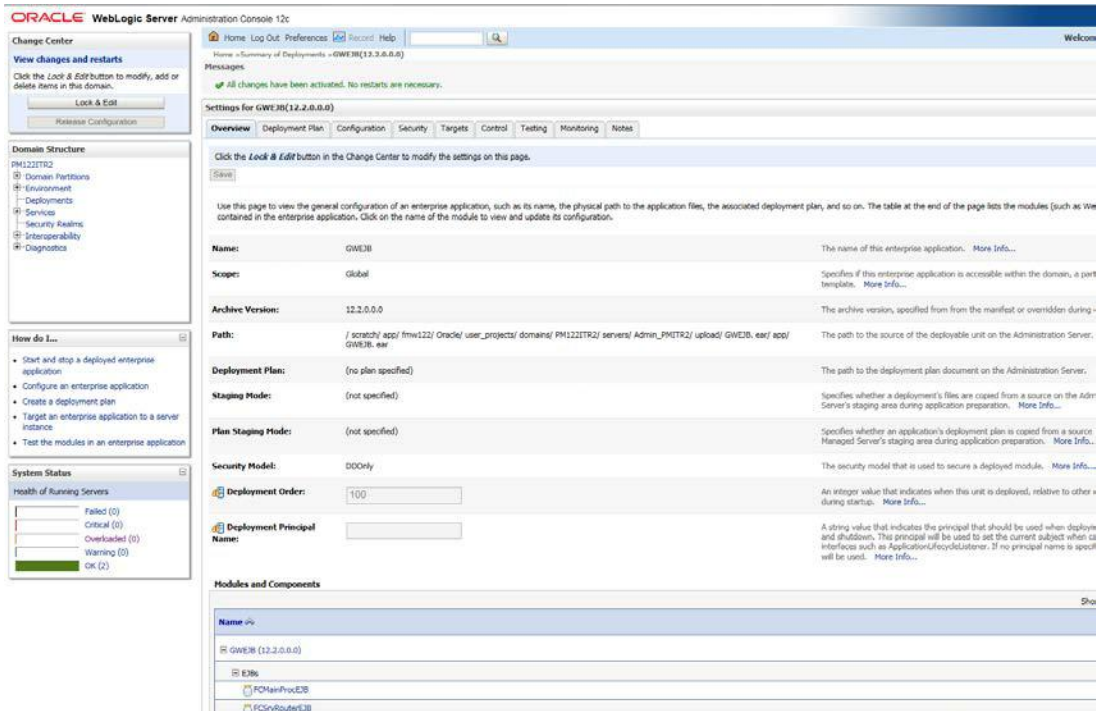


19. Click 'Save' button. The message 'Settings updated successfully' is displayed.

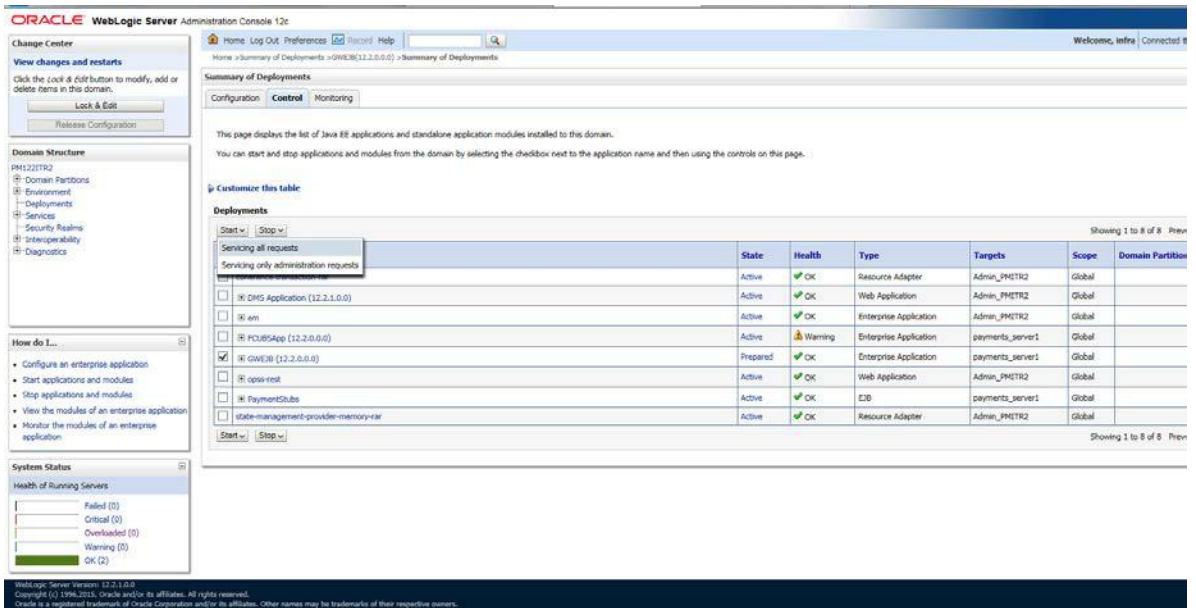


20. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

The screen is given below:

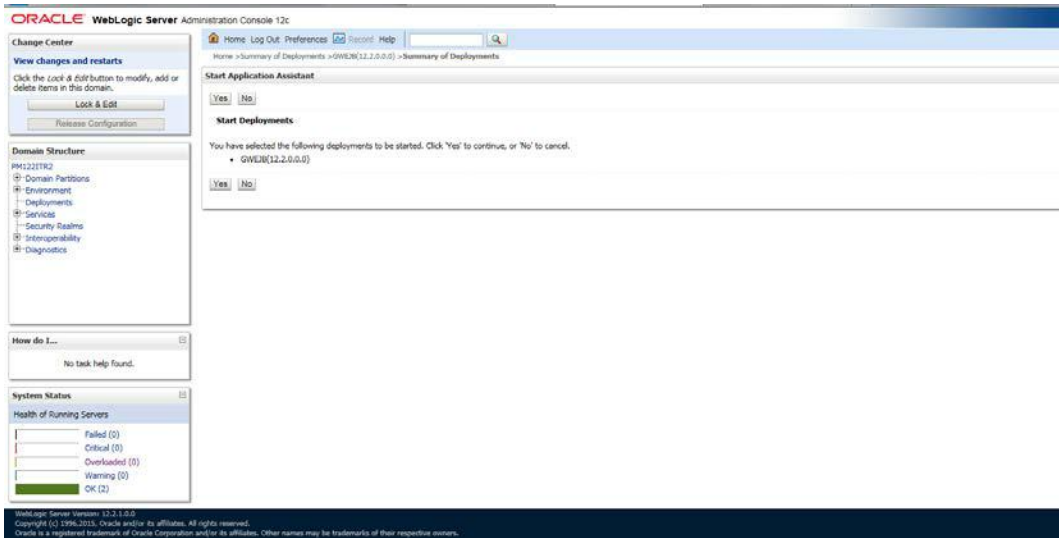


Click 'Deployment' on the left pane. Switch to Control tab. The following screen is displayed.

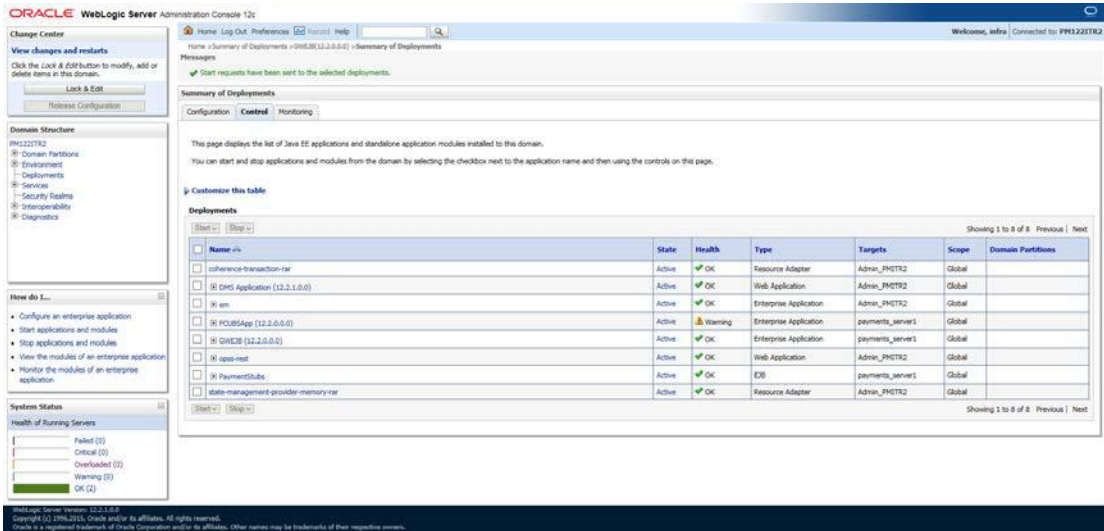


21. Click 'Start' drop-down button and select 'Servicing all requests'.

22. The following screen is displayed.



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



This completes the deployment process.



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