Deploying Oracle FLEXCUBE Application on WebLogic
Oracle FLEXCUBE Universal Banking
Release 12.5.0.0.0
[September] [2017]

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Table of Contents

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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 Decentralized Mode'. This includes the following details:

- Creating Property File
- Building Decentralized 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 into Oracle WebLogic application server.

1.3.1 Deploying Dependency Library "Jax-RS"

This library must be installed before deploying FCUBSApp.ear. Follow the below steps
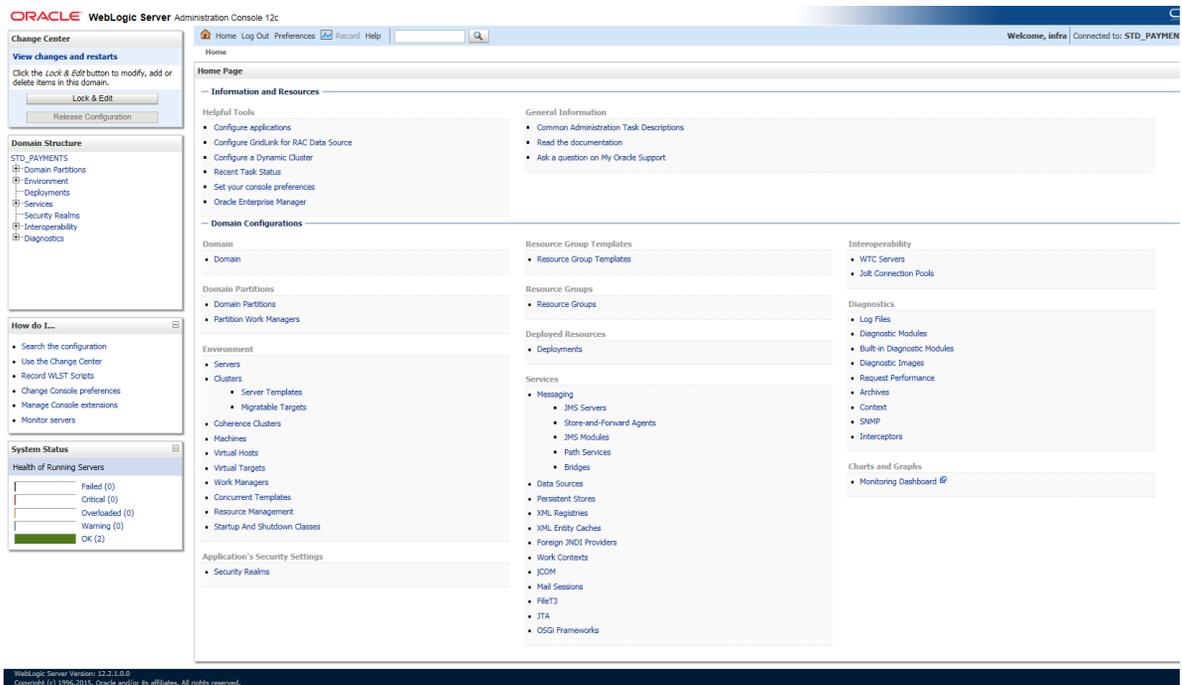
1. Start the Administrative Console of WebLogic application server. You can start this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.
Eg: http://10.10.10.10:1001/console

1

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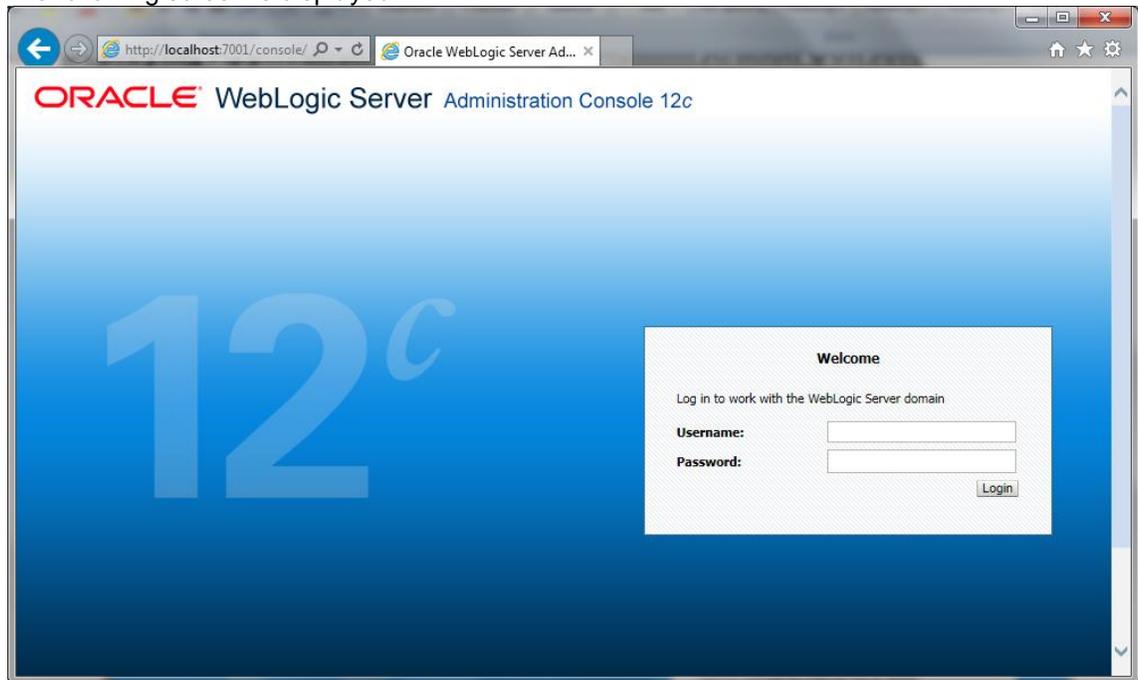
3. Specify the WebLogic administrator user name and password. Click 'Log In'.

The following screen is displayed:

Click install button

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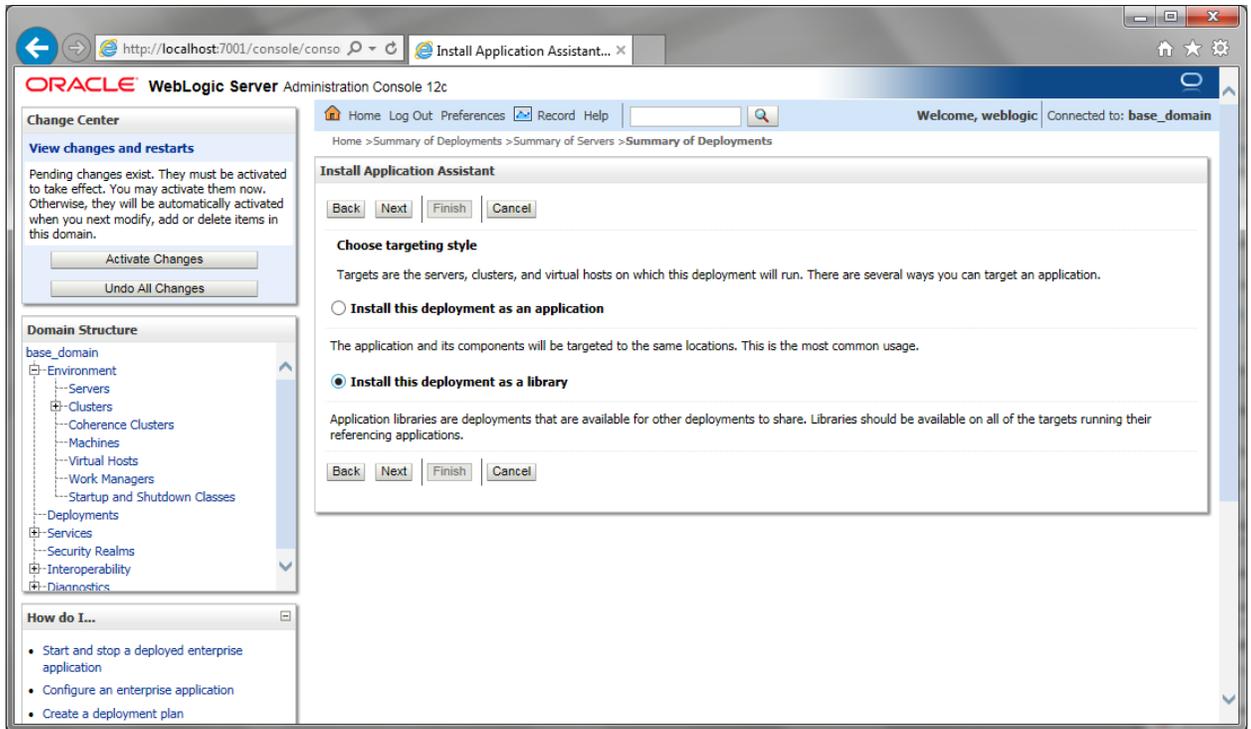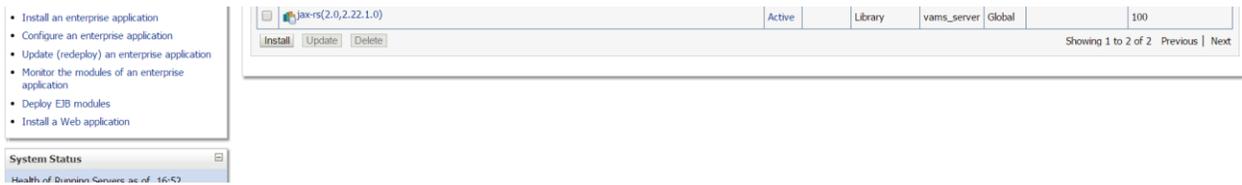
Select "install this deployment as library", select target server as managed server and click next

Click finish button

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- Install an enterprise application
- Configure an enterprise application
- Update (redeploy) an enterprise application
- Monitor the modules of an enterprise application
- Deploy EJB modules
- Install a Web application

☐ 🔴 jax-rs(2.0,2.22.1.0)		Active	Library	vams_server	Global	100
Install Update Delete					Showing 1 to 2 of 2 Previous	Next

System Status

Health of Running Servers as of 16:52
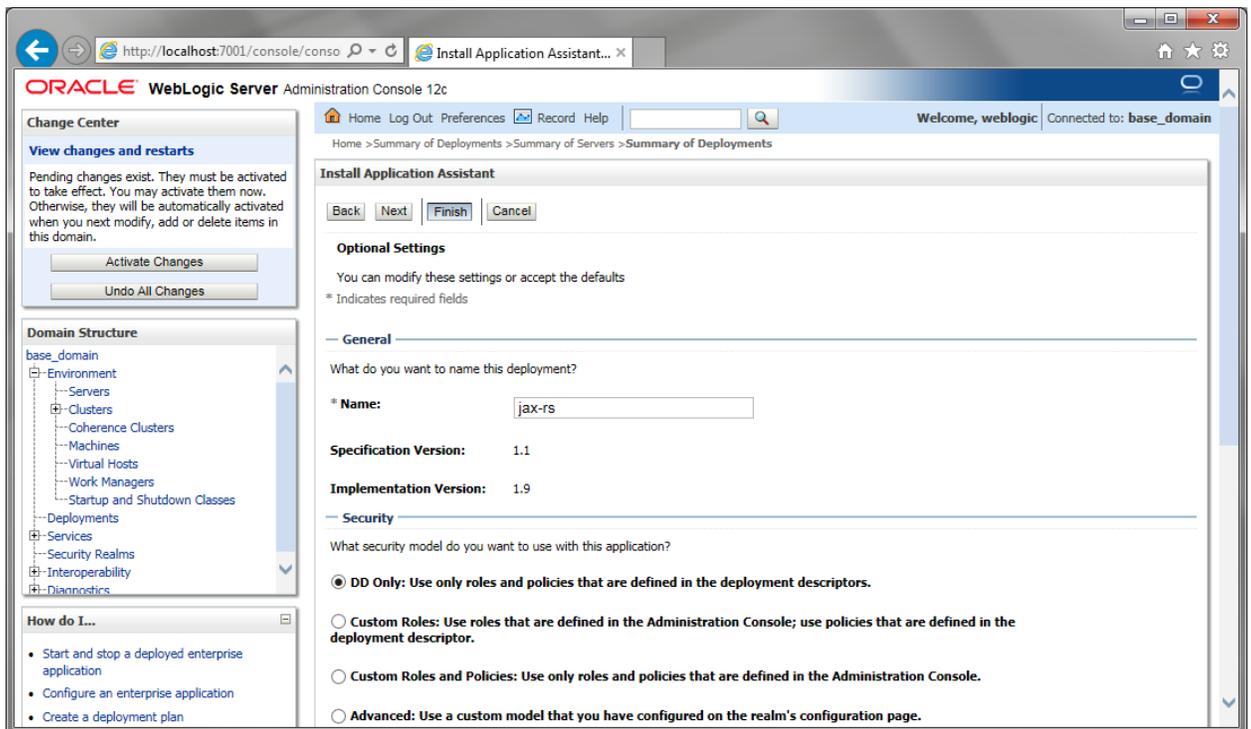
This library must appear in the deployment with Type column as "Library'

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

1.3.2 Deploying FCUBS Application from WebLogic Administration Console

To deploy Oracle FLEXCUBE Application from Oracle WebLogic administration console, follow the steps given below.
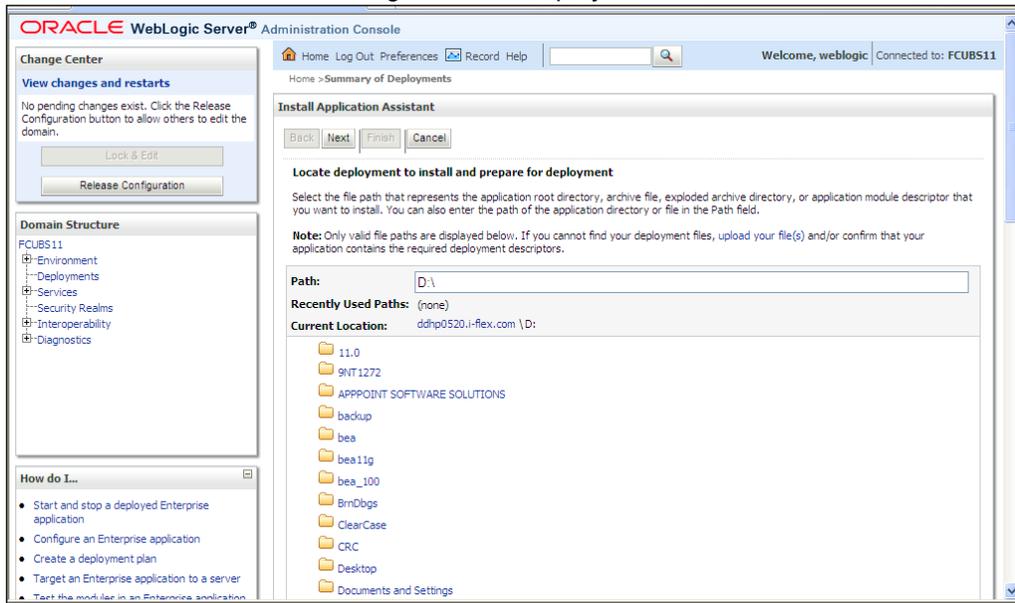
1. Start the Administrative Console of WebLogic application server. You can start this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser. Eg: http://10.10.10.10:1001/console

2. The following screen is displayed:

ORACLE WebLogic Server Administration Console 12c

Welcome

Log in to work with the WebLogic Server domain

Username:

Password:

Login

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'.

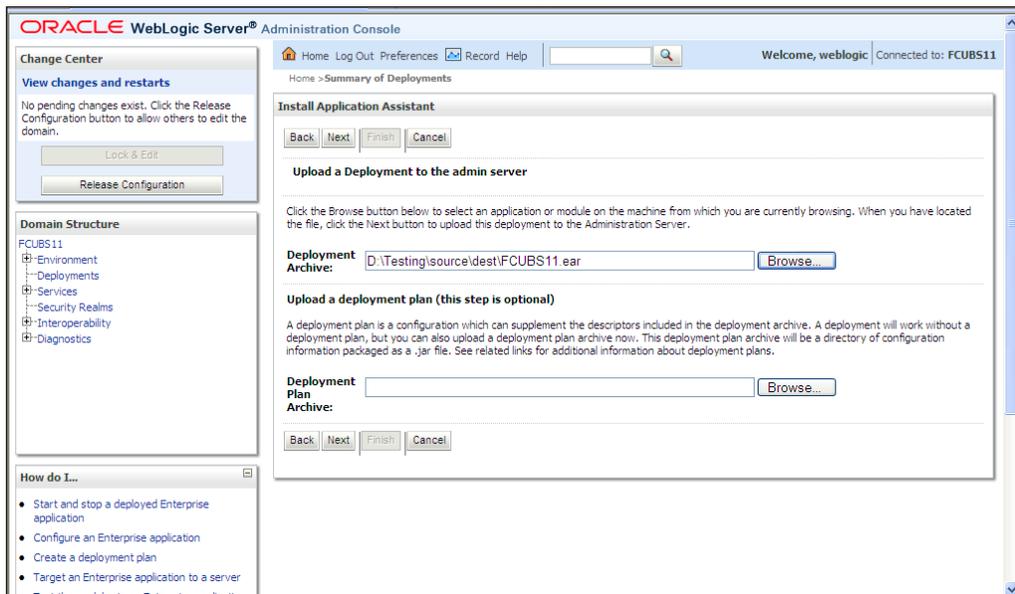   Click 'Lock & Edit' button to enable the buttons. This action enables the buttons.

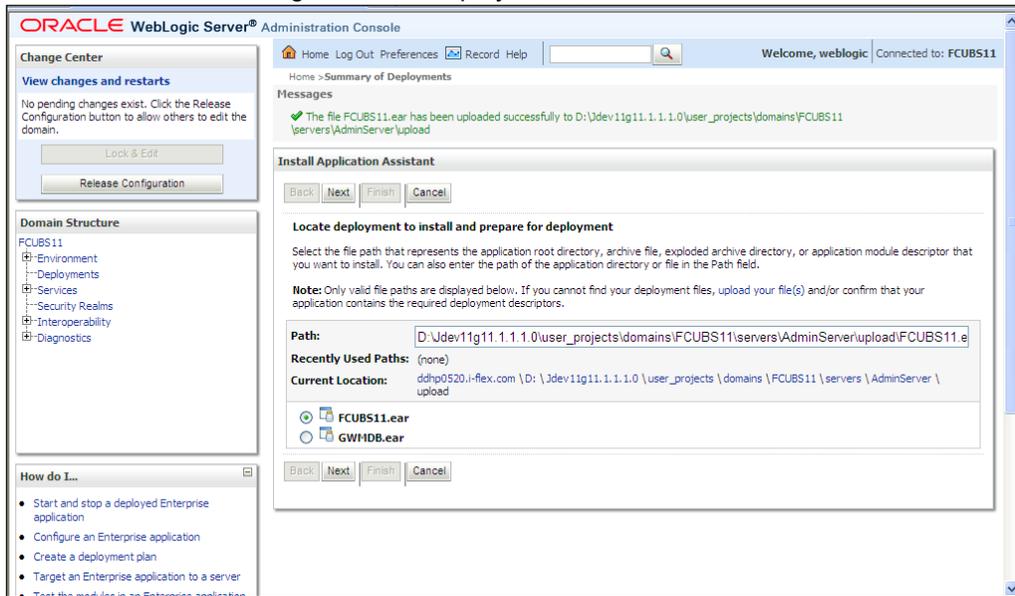5. Click 'Install' button. The following screen is displayed:

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

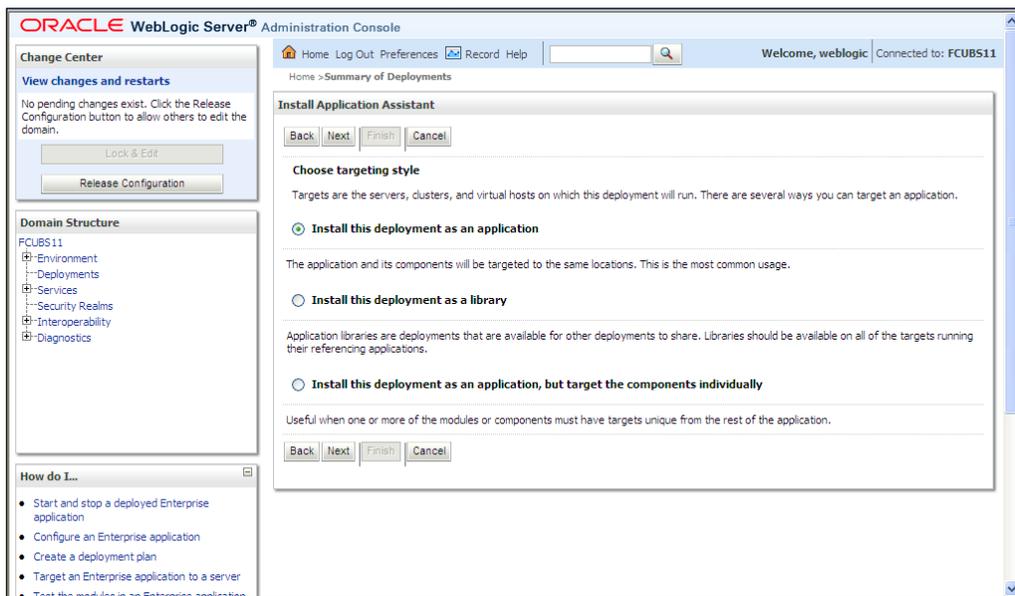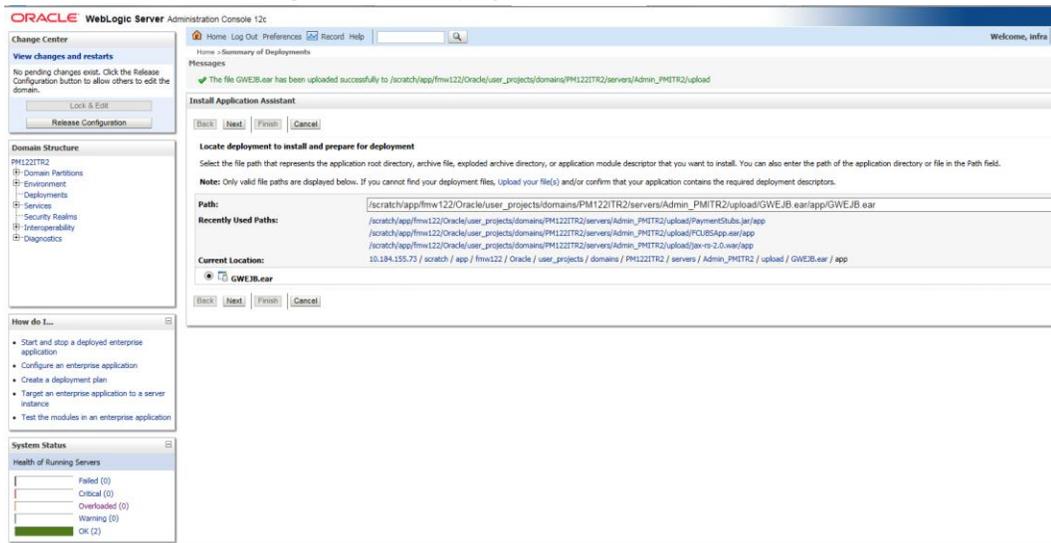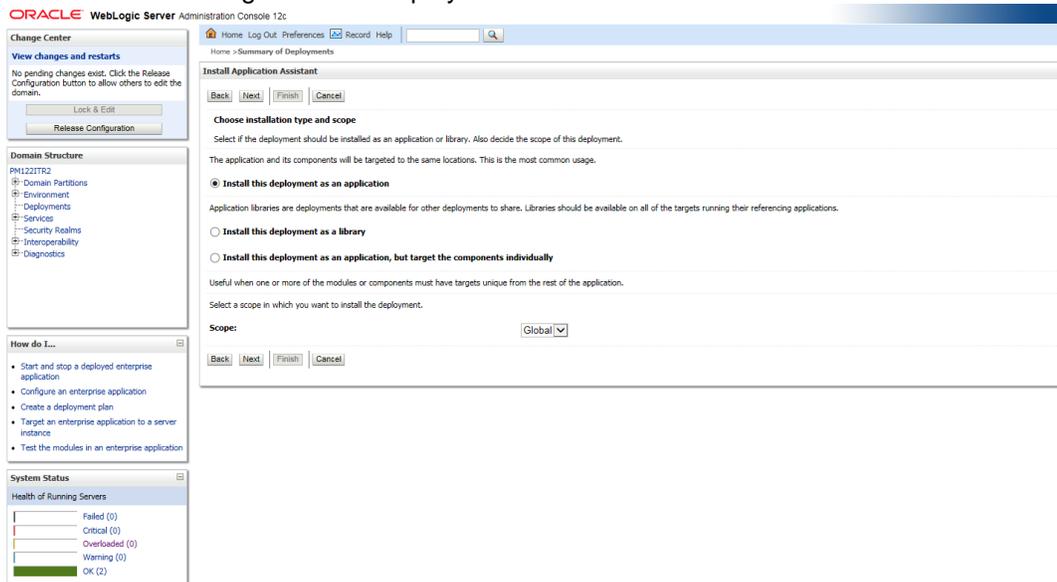7. Click 'Next'. The following screen is displayed:

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

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

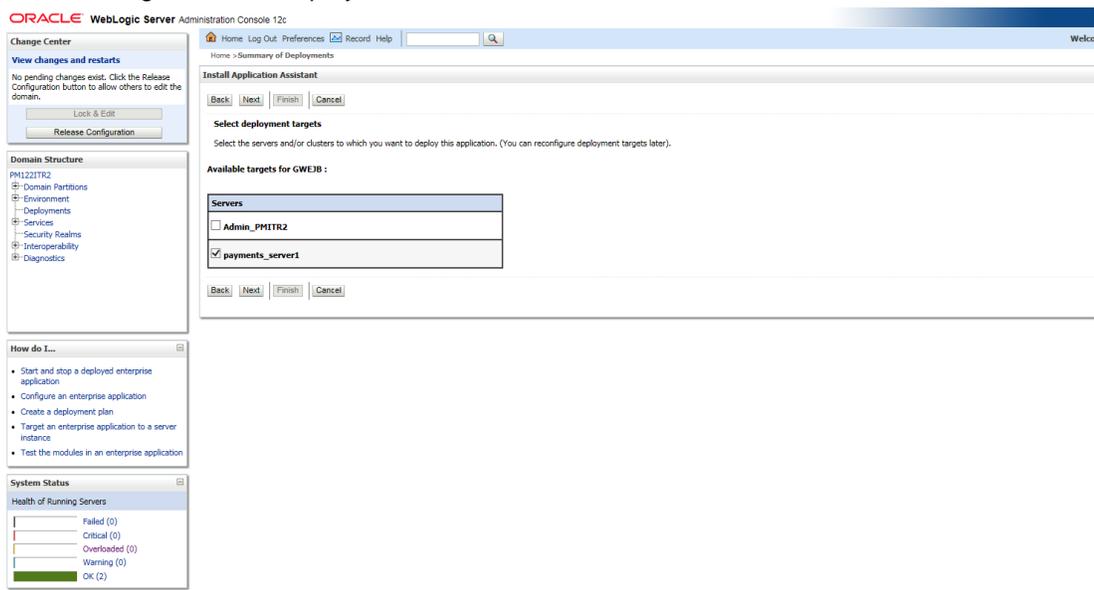10. Select the application 'FCUBSApp.ear' from the list.

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.

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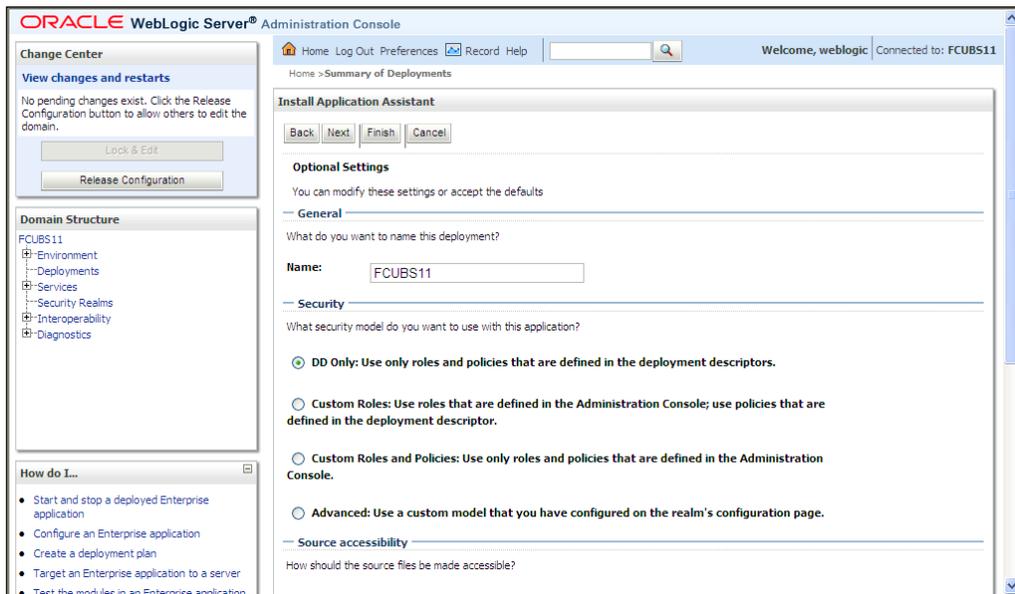
The remaining portion of the screen is shown below:

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

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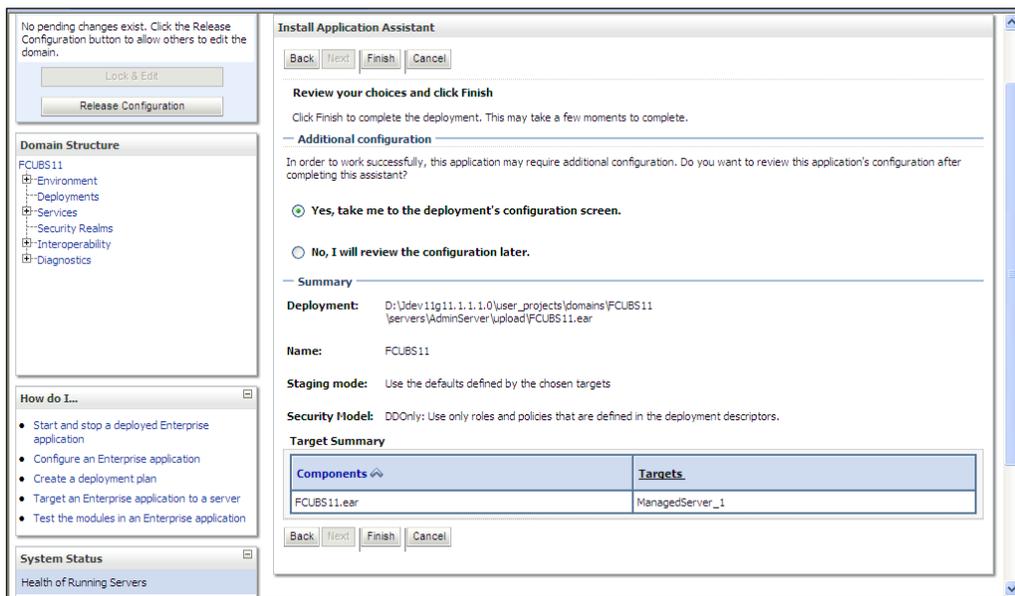
18. Click 'Finish' button. The following screen is displayed.

    Change **Deployment Order** to **400** if the application includes **BPEL plug-in**.
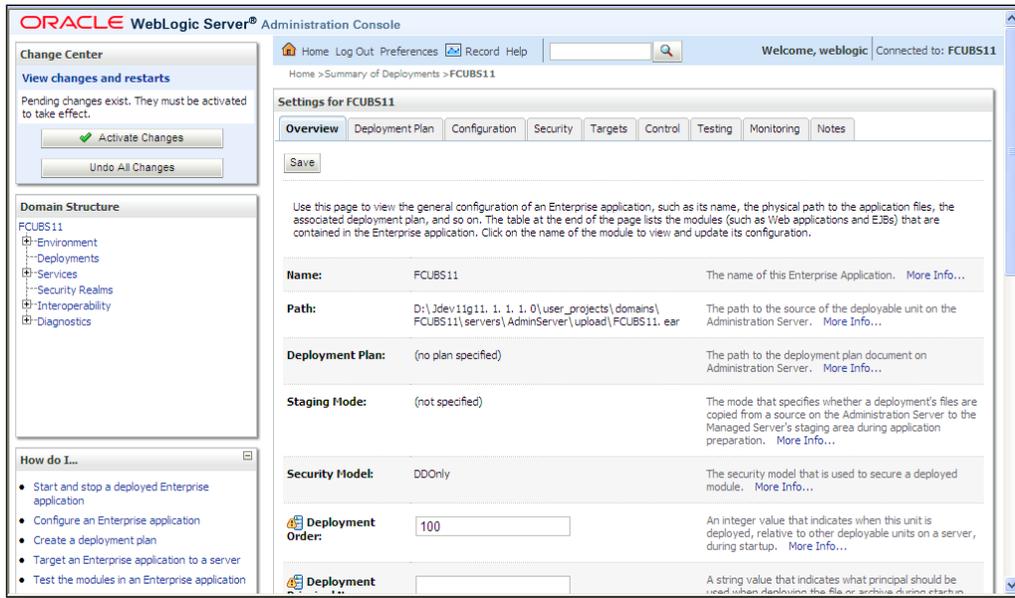
19. Click 'Save' button. The message 'Settings updated successfully' is displayed.
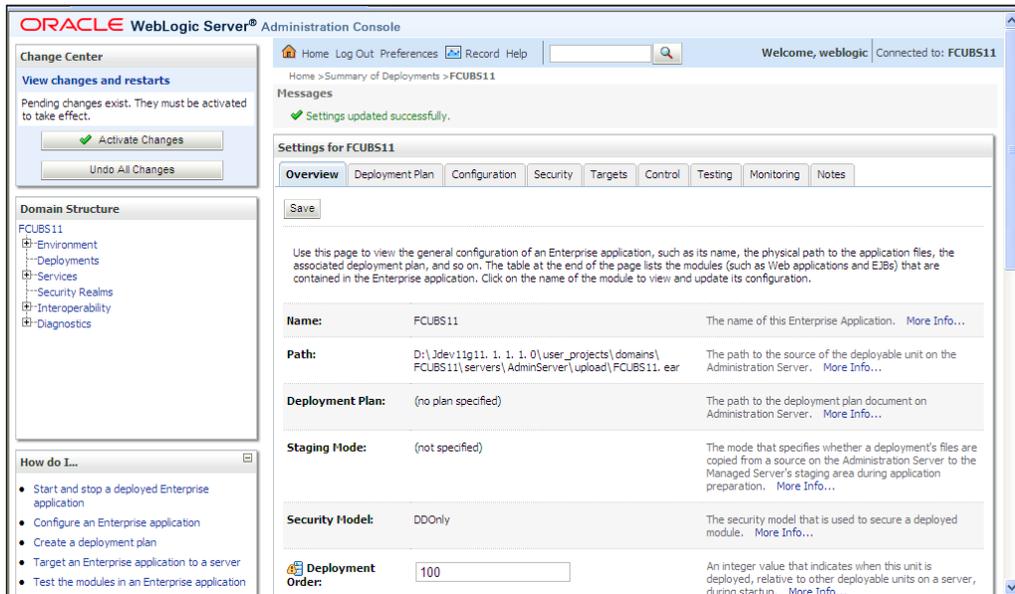
20. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

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The screen is given below:
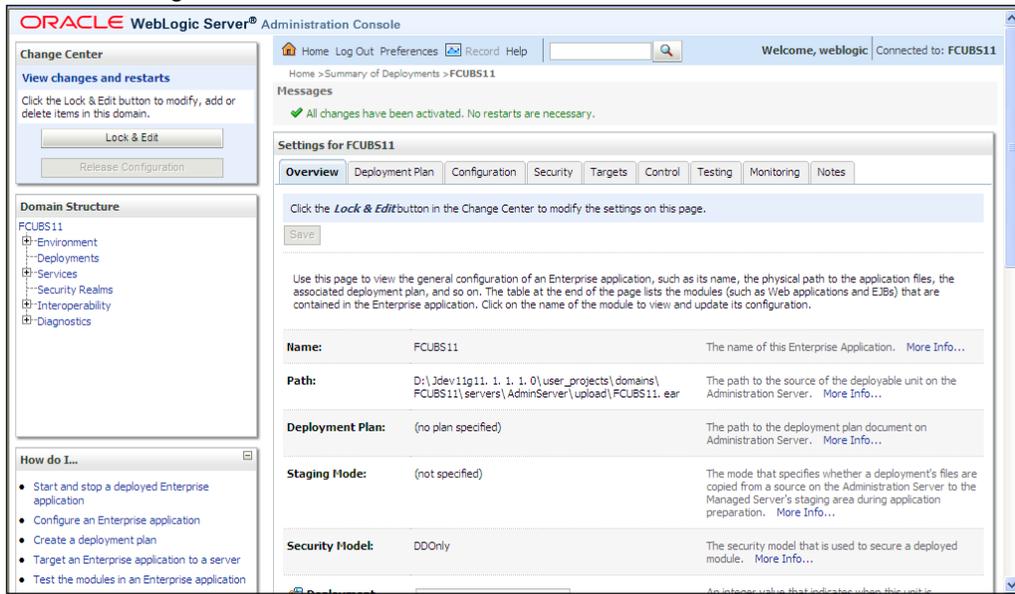
Click 'Deployment' on the left pane. Switch to Control tab .The following screen is displayed.
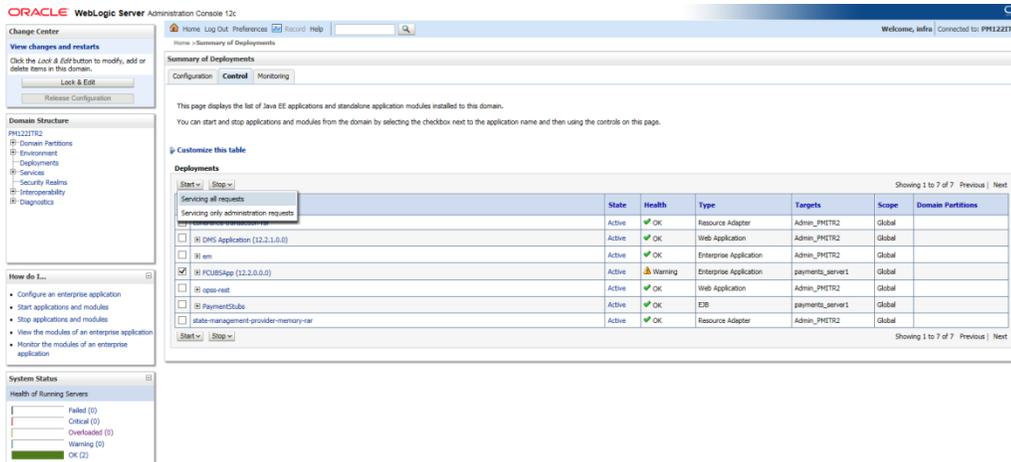
21. Click 'Start' drop-down button and select 'Servicing all requests'.

22. The following screen is displayed.
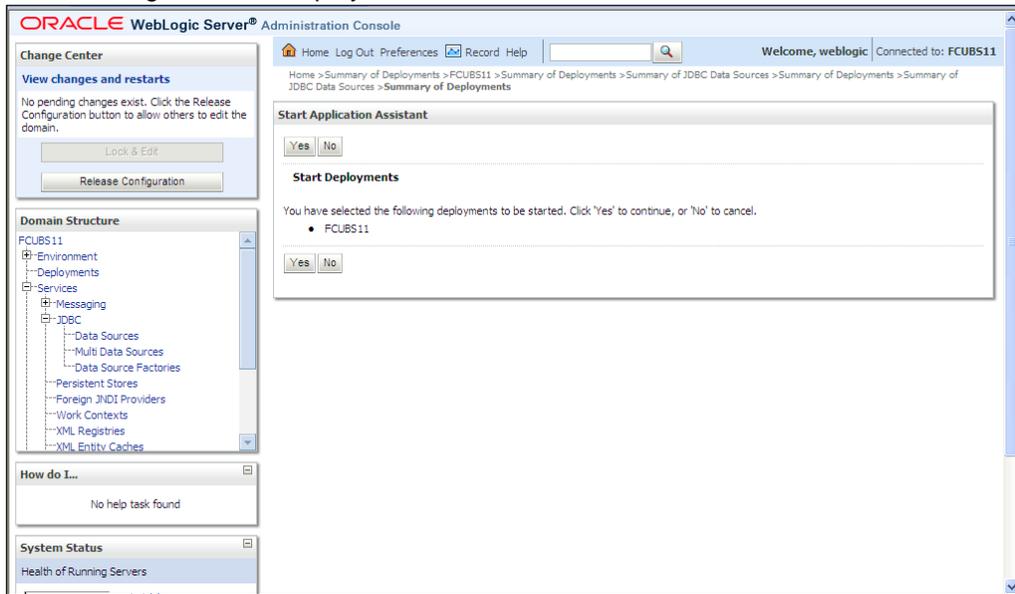
23. Click 'Yes'. The following screen is displayed.
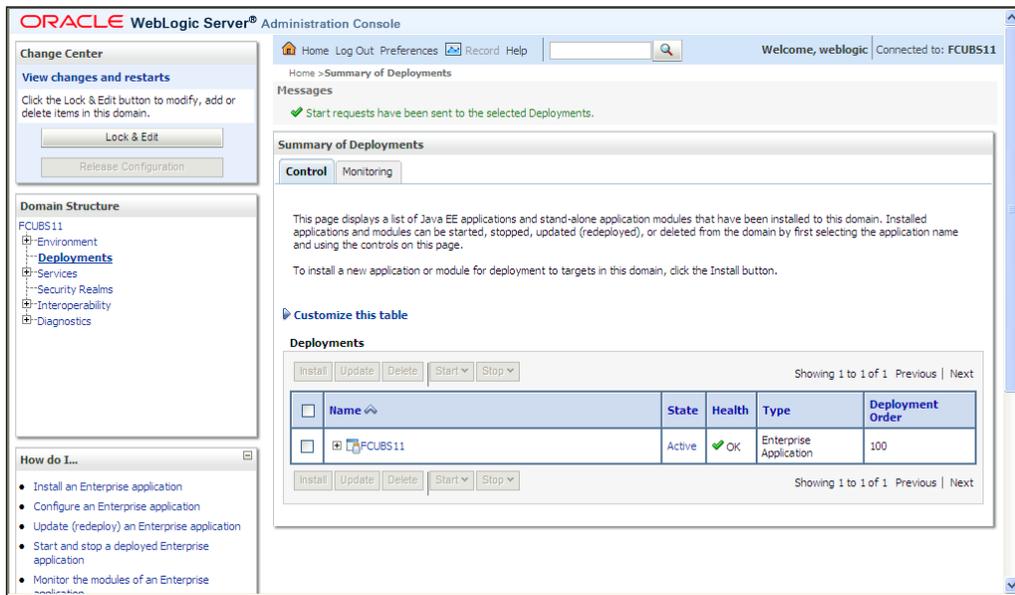
This completes the deployment process.

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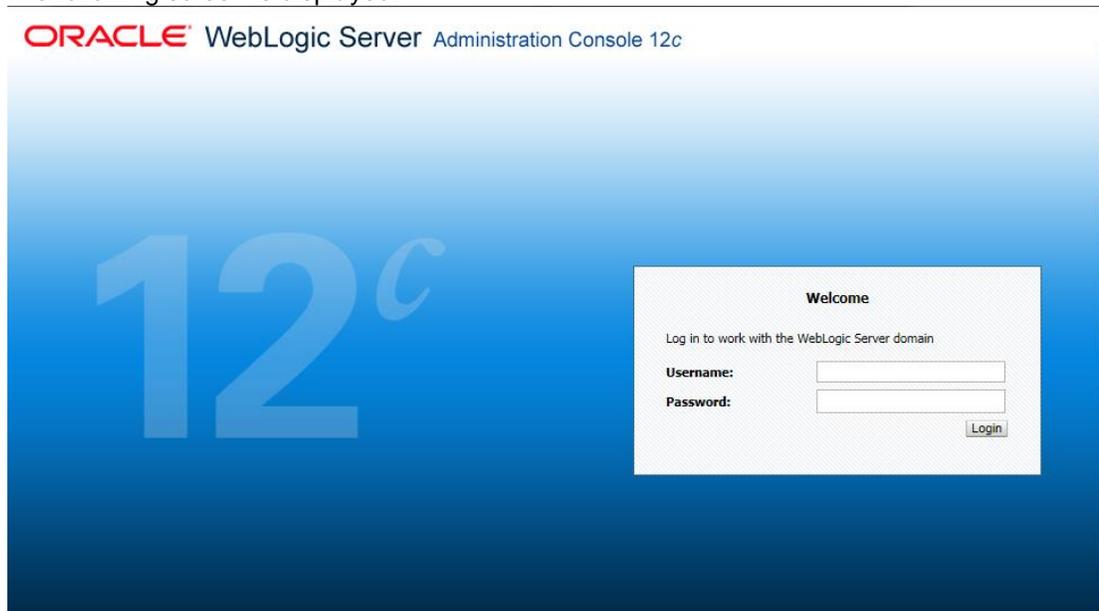
3. Specify the WebLogic administrator user name and password. Click 'Log In'.

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:

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

The following screen is displayed.

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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