Oracle® Banking Payments

WebLogic Deployment

Release 14.7.0.0.0

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Oracle Banking Payments WebLogic Deployment, Release 14.7.0.0.0

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1 Preface

- Purpose
- Audience
  This manual is intended for the following User/User Roles:
- Documentation Accessibility
- Critical Patches
- Diversity and Inclusion
- Conventions

Purpose

This guide is designed to help acquaint you with the Oracle Banking Payments application. This guide provides answers to specific features and procedures that the user need to be aware of the module to function successfully.

Audience

This manual is intended for the following User/User Roles:

Table 1-1 User Roles

Role	Function
Implementation & IT Staff	Implementation & Maintenance of the Software

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at Critical Patches, Security Alerts and Bulletins. All critical patches should be applied in a timely manner to make sure effective security, as strongly recommended by Oracle Software Security Assurance.

Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

2

Deploying Oracle Banking Payments on WebLogic

This chapter explains the steps to deploy Oracle Banking Payments 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.

- Building Application
  For building Oracle Banking Application in centralized and decentralized modes, refer to the following chapters.
- Deploying Application in Oracle WebLogic
  This section explains the method of deploying Oracle Banking Application Oracle WebLogic application server.

Building Application

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

- Building Application in Centralized Mode
- Building Application in Decentralized Mode

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

Building Application in Decentralized Mode

Refer to the chapter ‘Building Application in Decentralized Mode’. This includes the following details:

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

Deploying Application in Oracle WebLogic

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

- Deploying Dependency Library “Jersey-bundle”
- Deploying FCUBS Application from WebLogic Administration Console
- Deploying Gateway/Scheduler Applications from WebLogic Administration Console

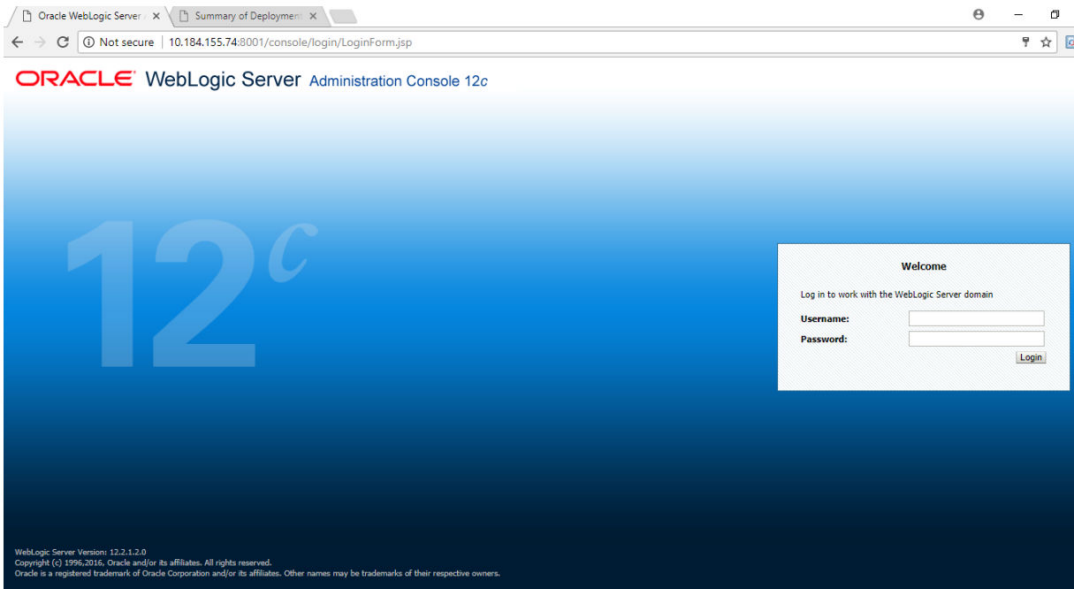
Deploying Dependency Library “Jersey-bundle”

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

1. Start the Administrative Console of the WebLogic application server. Enter the Oracle WebLogic Admin Console URL in the address bar in an internet browser.

   Oracle Weblogic Server - Welcome screen is displayed.

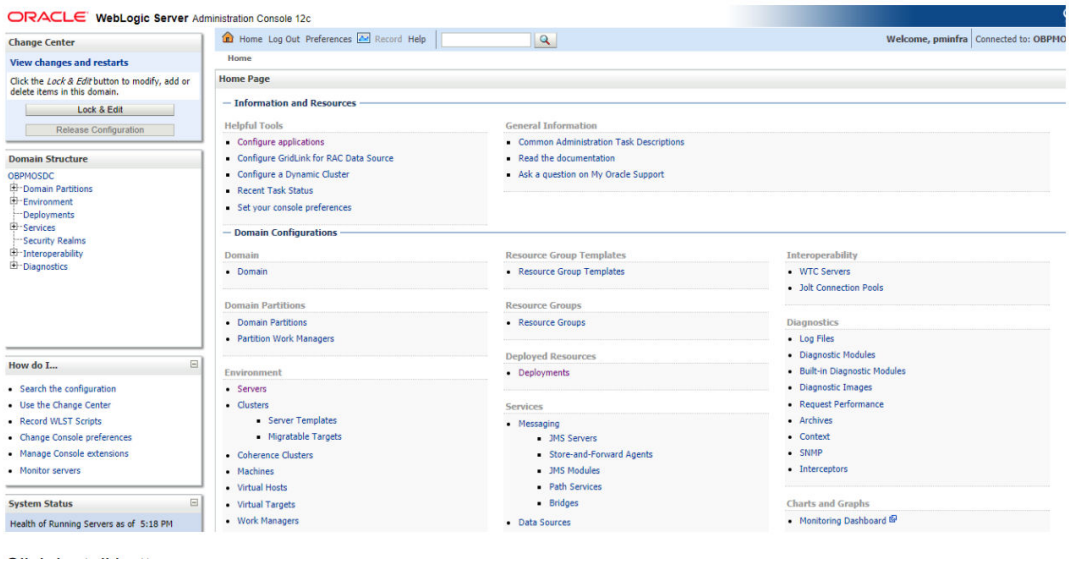
Figure 2-1 Oracle Weblogic Server - Welcome



2. Specify the WebLogic Administrator Username, Password and click **Log In**.

   Oracle Weblogic Server - Home Page screen is displayed.

Figure 2-2 Oracle Weblogic Server - Home Page



3. Click **Install** button.

Summary of Deployments screen is displayed.

Figure 2-3 Summary of Deployments

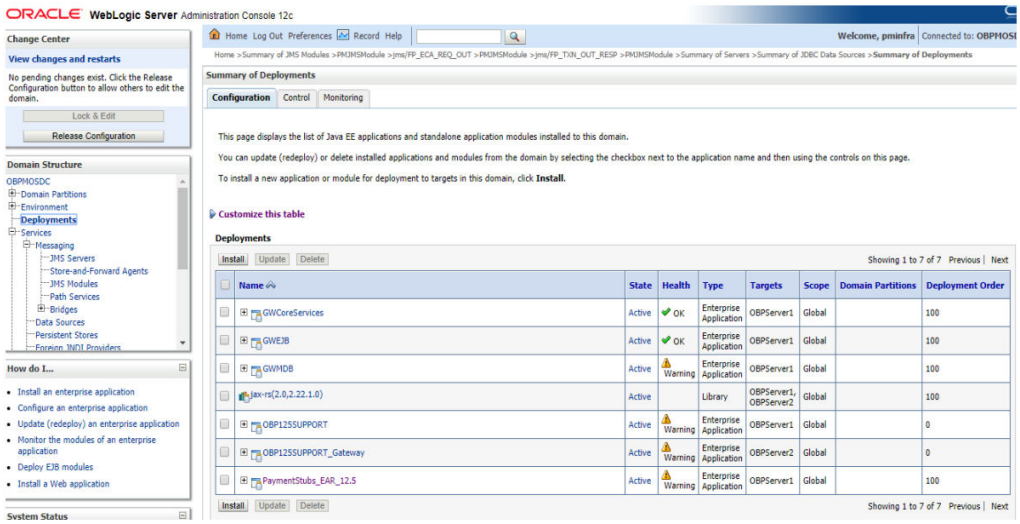
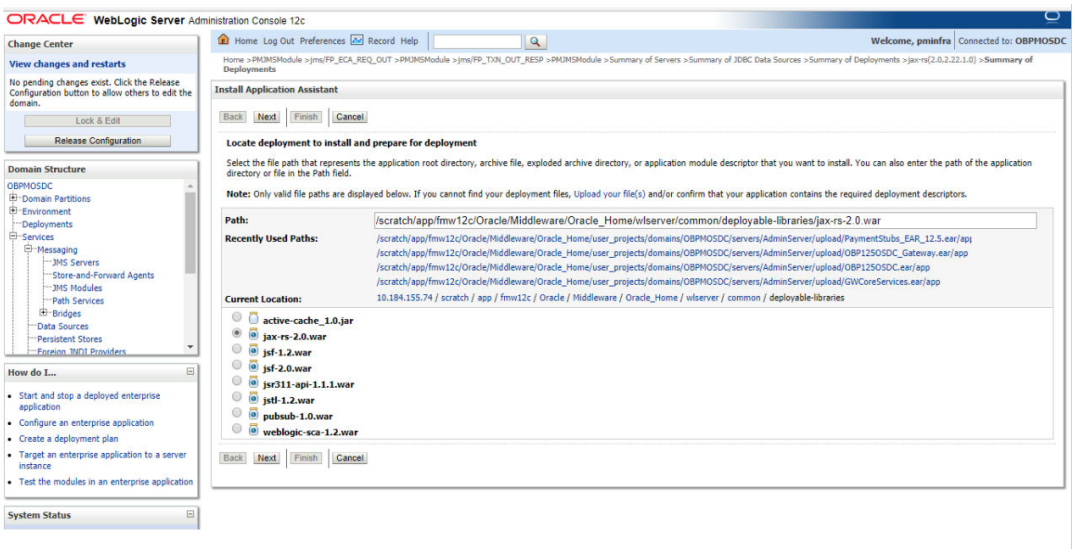


Figure 2-4 Install Application Assistant

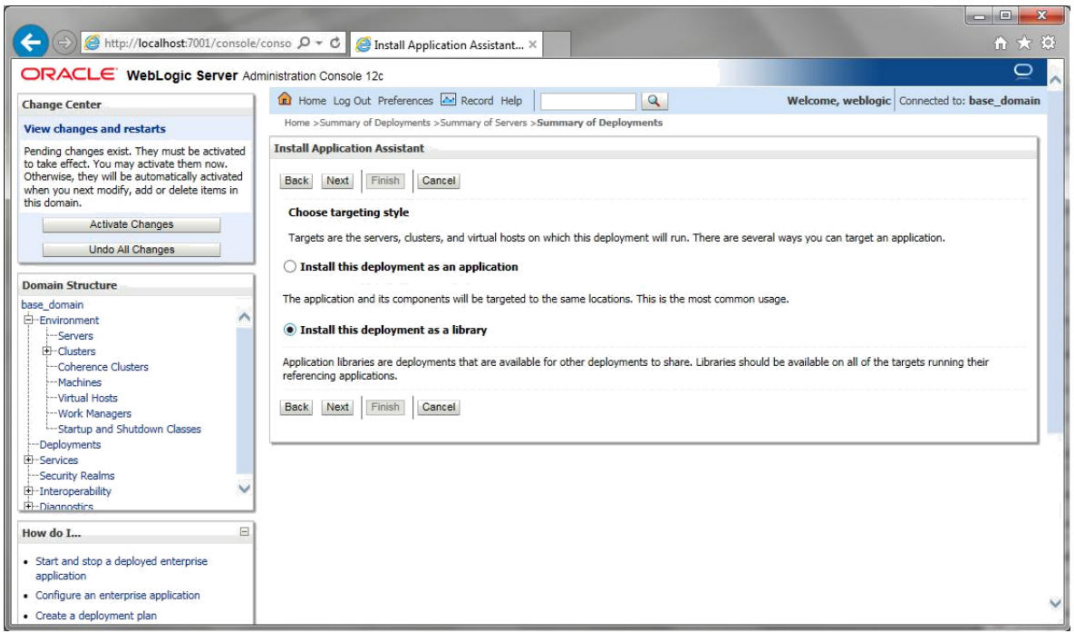


Navigate and select jersey bundle under the below path:

“wlserver\common\deployablelibraries\jersey-bundle-x.x.war”

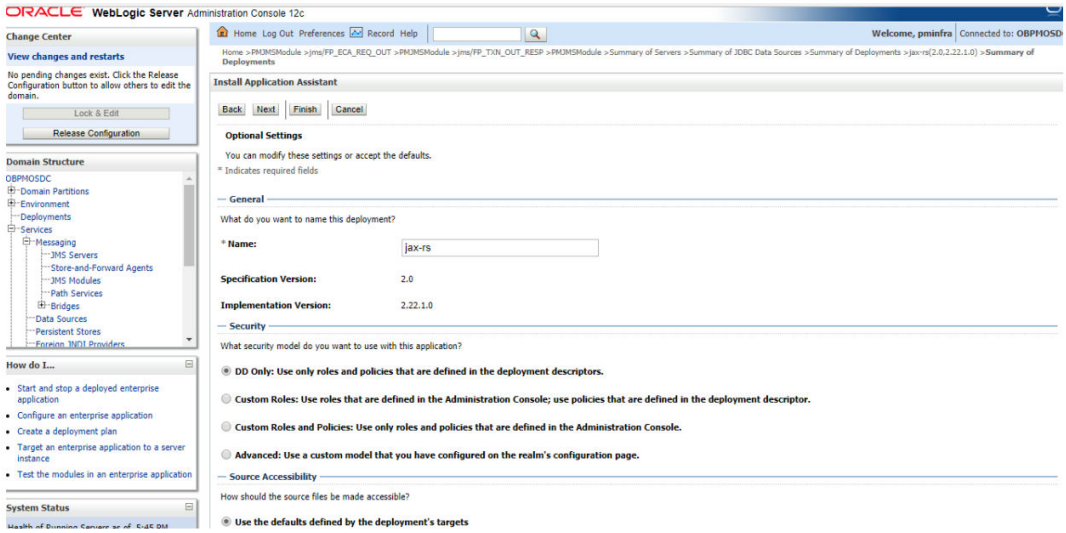
4. Select **install this deployment as library** and click **next**.

Figure 2-5 Install Application Assistant



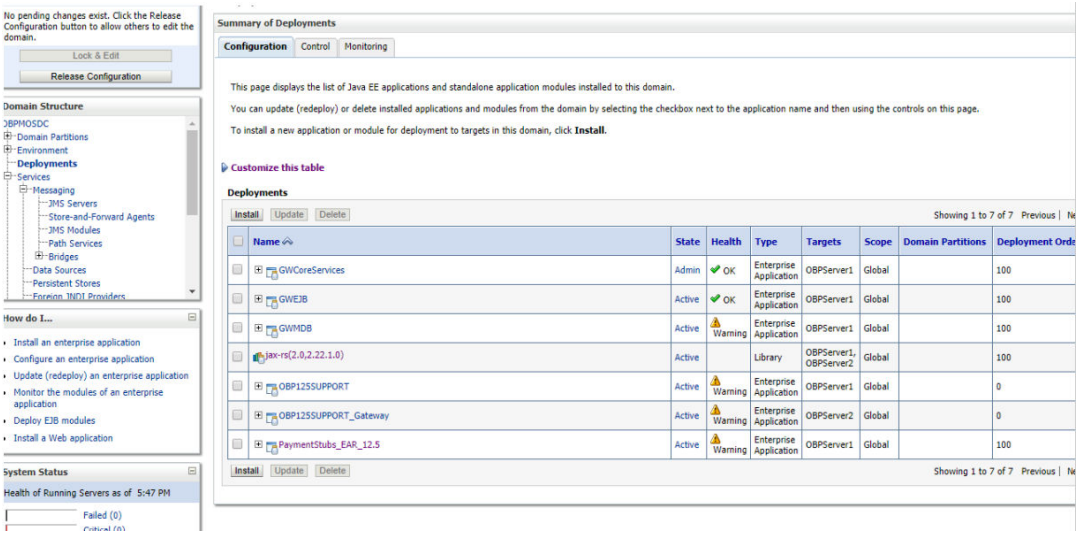
5. Click **Finish** button.

Figure 2-6 Install Application Assistant



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

Figure 2-7 Summary of Deployments



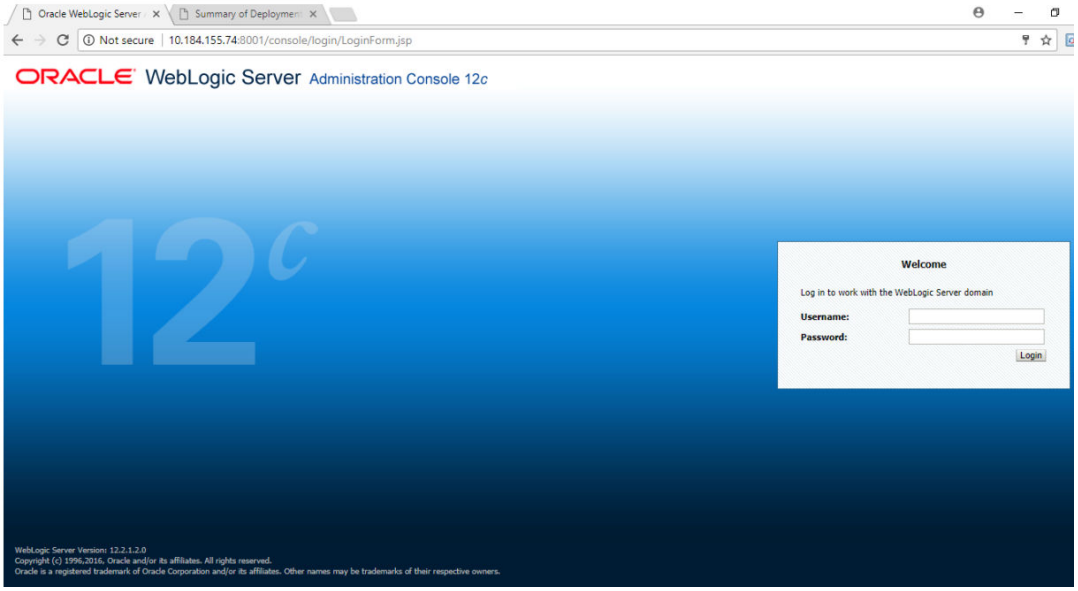
Deploying FCUBS Application from WebLogic Administration Console

To deploy Oracle Banking Application from Oracle Weblogic admministration console, follow the following steps:

1. Start the Administrative Console of the WebLogic application server. Enter the Oracle WebLogic Admin Console URL in the address bar in an internet browser.

   Oracle Weblogic Server - Welcome screen is displayed.

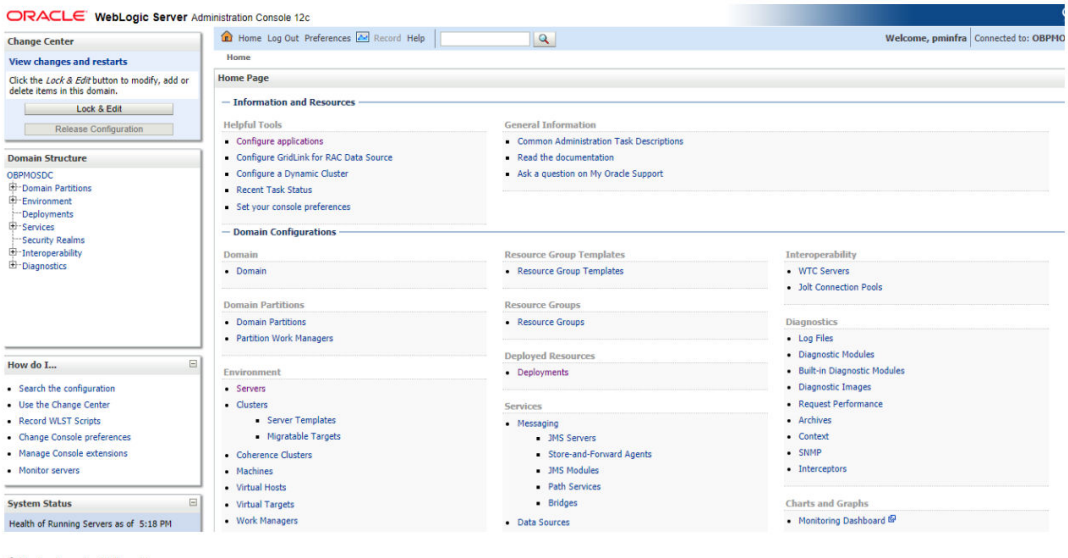
Figure 2-8 Oracle Weblogic Server - Welcome



2. Specify the WebLogic Adminstrator Username and Password, click **Log In**.

   Oracle Weblogic Server - Home Page screen is displayed.

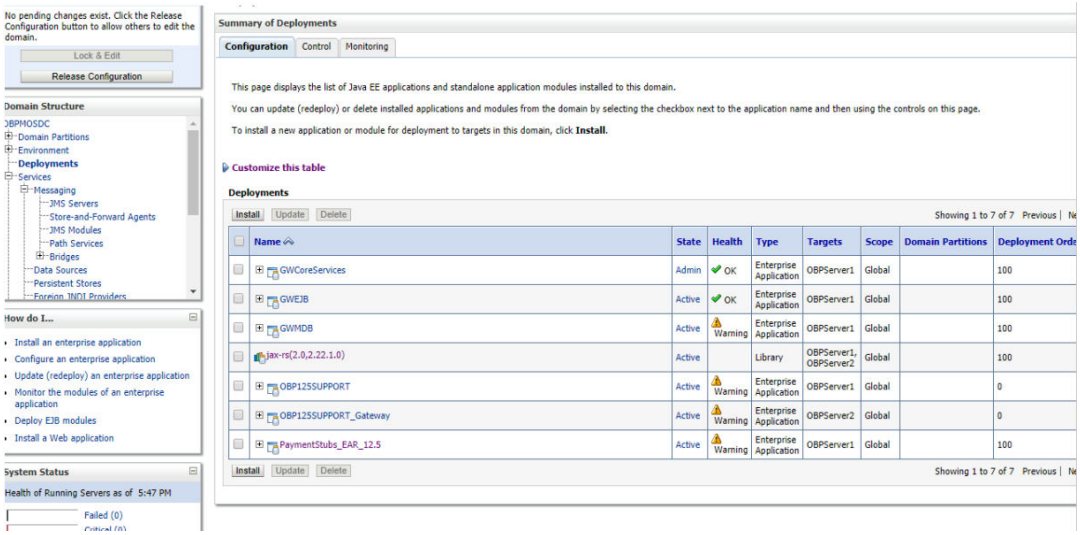
Figure 2-9 Oracle Weblogic Server - Home Page



3. Deploy an EAR. For e.g. ‘FCUBSApp.ear’. On the left pane, under **Domain Structure**, expand Deployments and services under it. Click the **Lock & Edit** button.

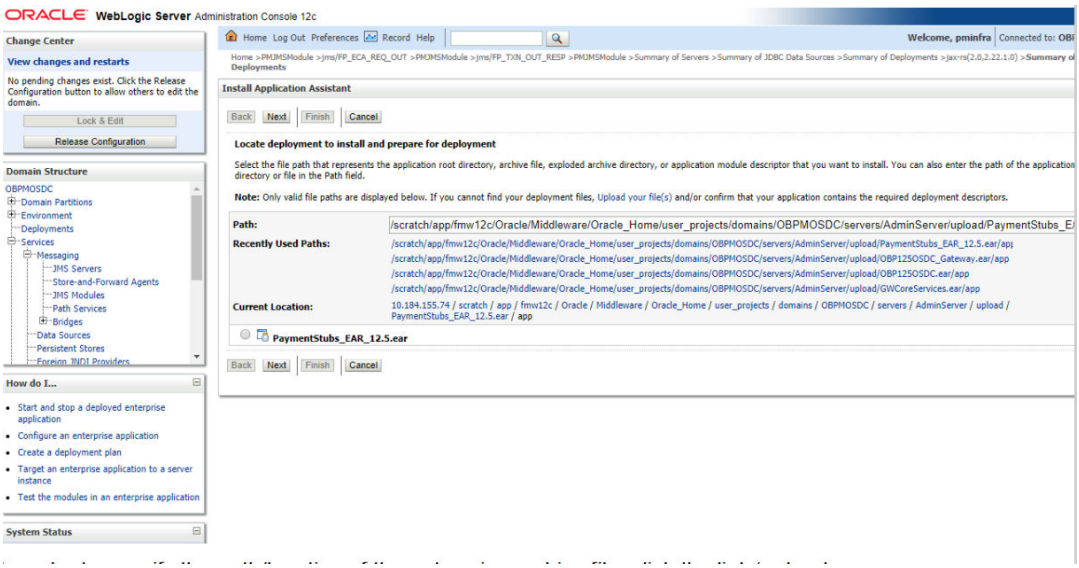
   Summary of Deployments screen is displayed.

Figure 2-10 Summary of Deployments



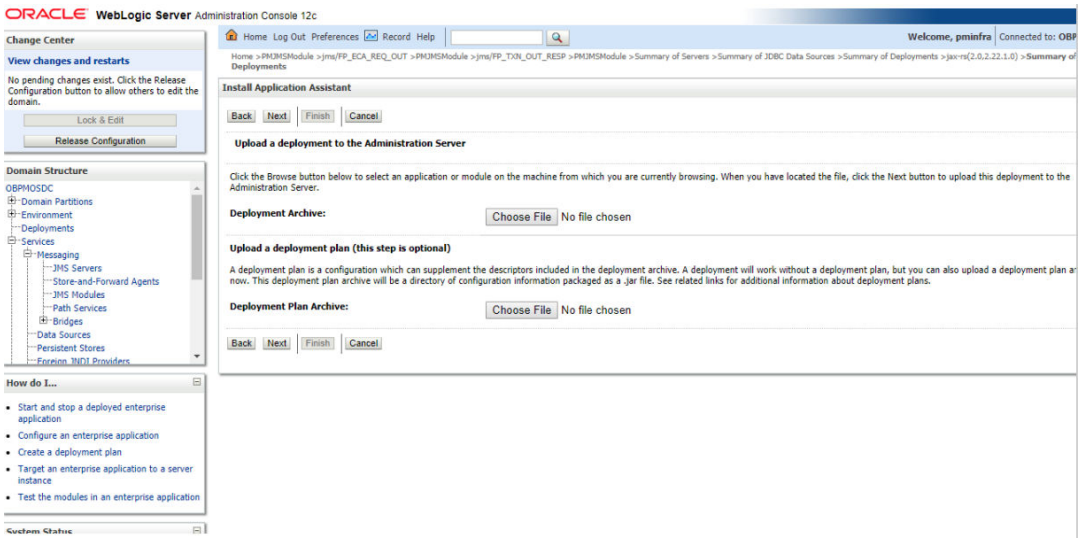
4. Click **Install** button. The following screen is displayed:

Figure 2-11 Install Application Assistant



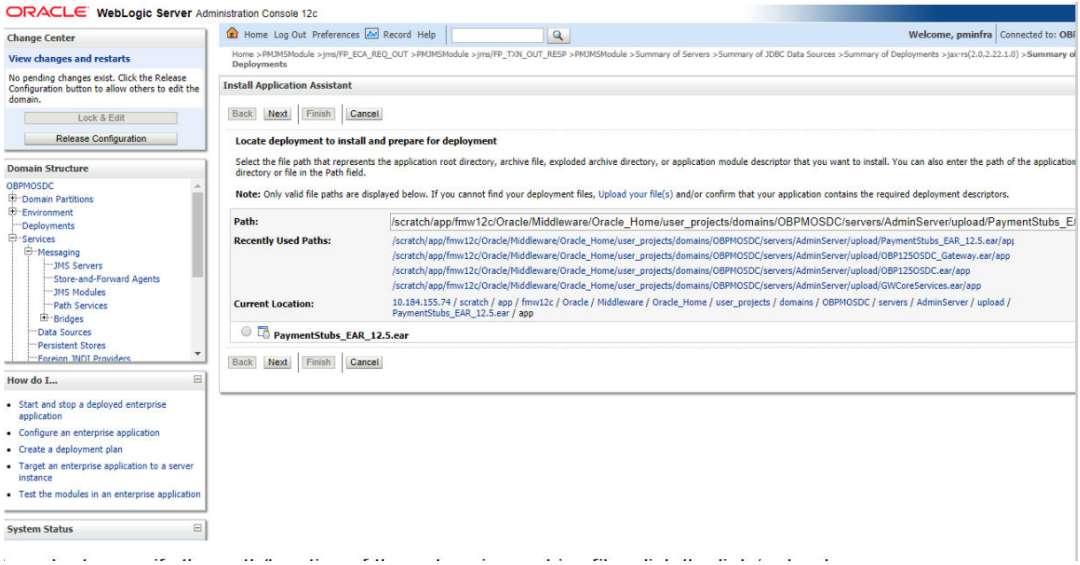
5. In order to specify the path/location of the enterprise archive file, click the link **upload your file**
6. Click **Next**. The following screen is displayed.

Figure 2-12 Install Application Assistant



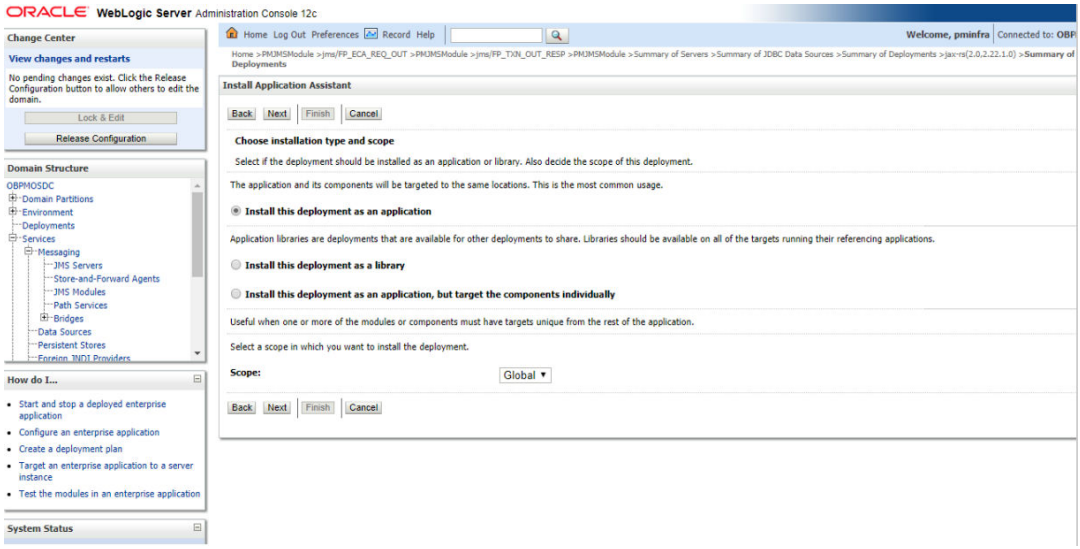
7. Specify the EAR file path. You can use the **Browse** button to locate the file.
8. Click **Next**. The following screen is displayed.

Figure 2-13 Install Application Assistant



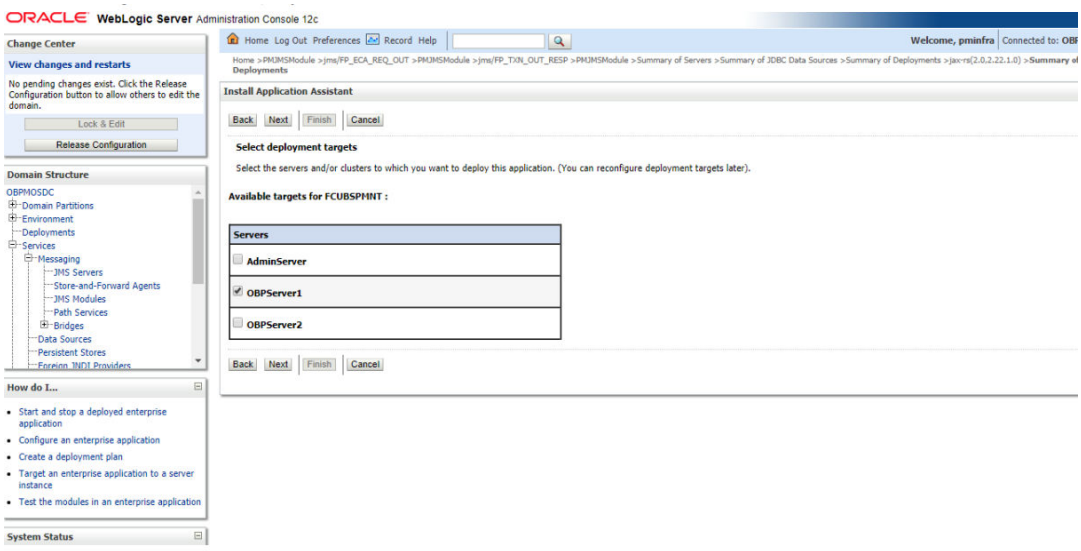
9. Select the application **FCUBSApp.ear** from the list.
10. Click **Next**. The following screen is displayed.

Figure 2-14 Install Application Assistant



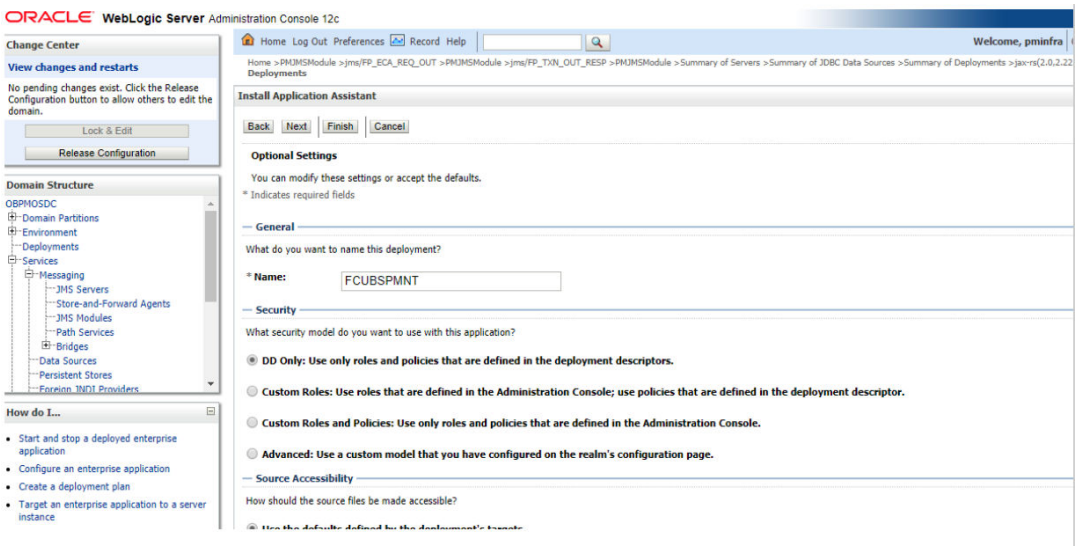
11. Choose the targeting style **Install this deployment as an application**.
12. Click **Next**. The following screen is displayed

Figure 2-15 Install Application Assistant



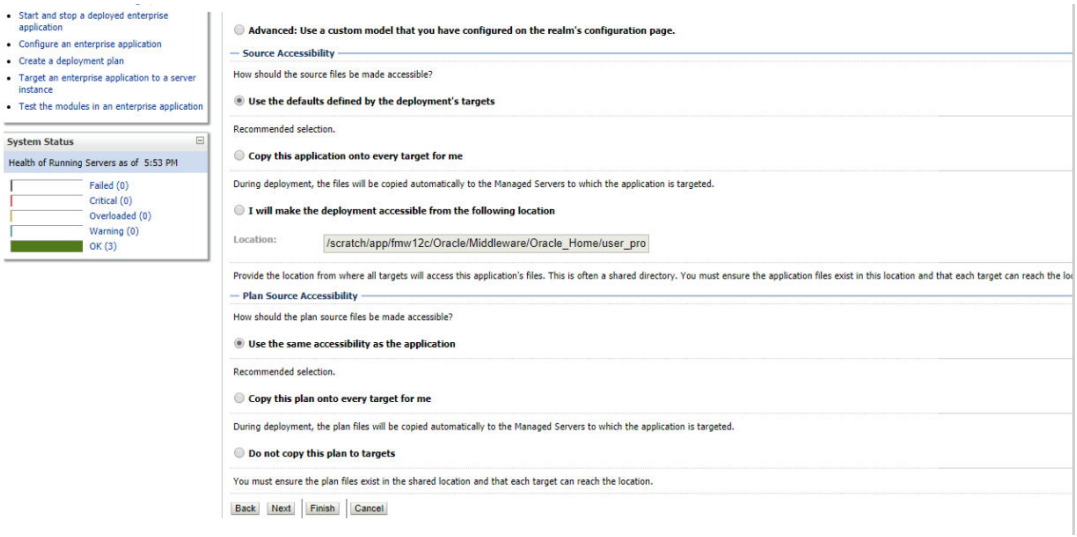
13. Select the target of the application. You can choose the server **AdminServer** or **Managed Server(s)**.
14. Click **Next**. The following screen is displayed

Figure 2-16 Install Application Assistant



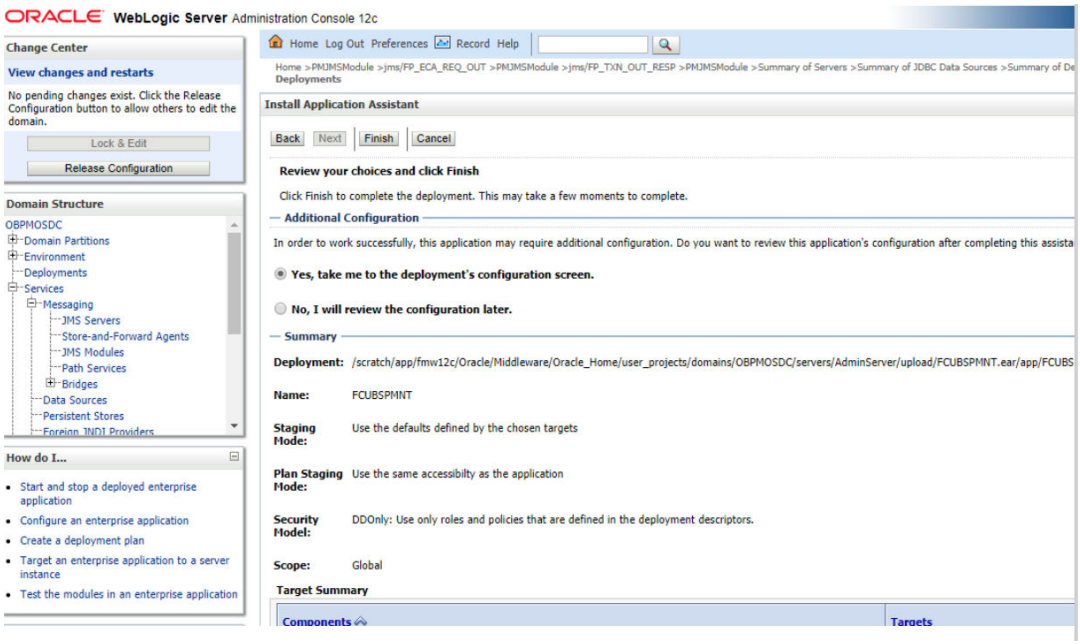
15. Check the deployment name. The remaining portion of the screen is shown below:

Figure 2-17 Install Application Assistant



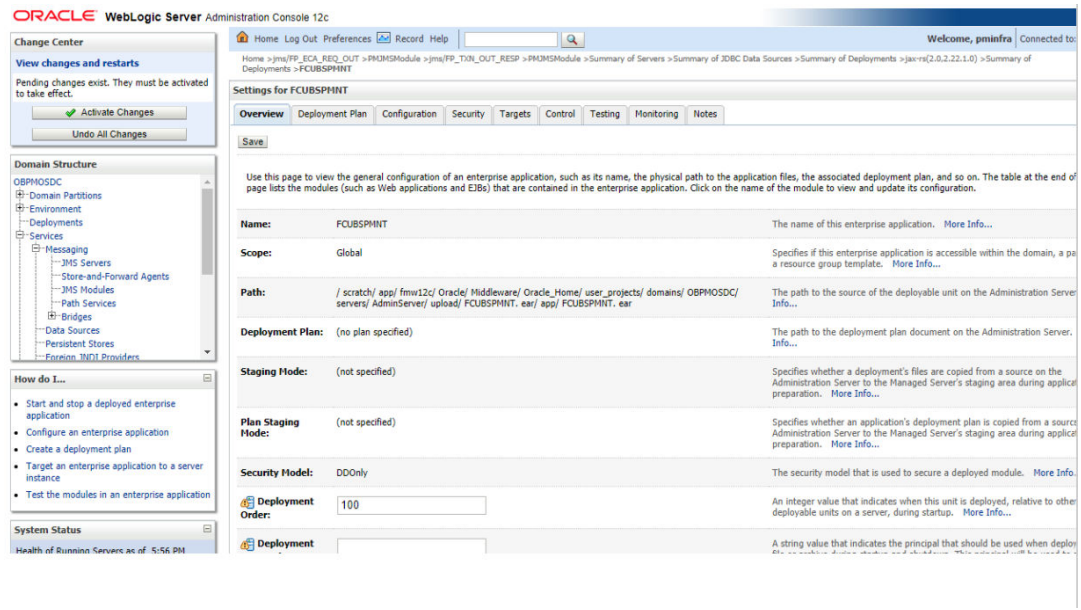
16. Check whether the deployment location is accessible or not. The following screen is displayed.

Figure 2-18 Install Application Assistant



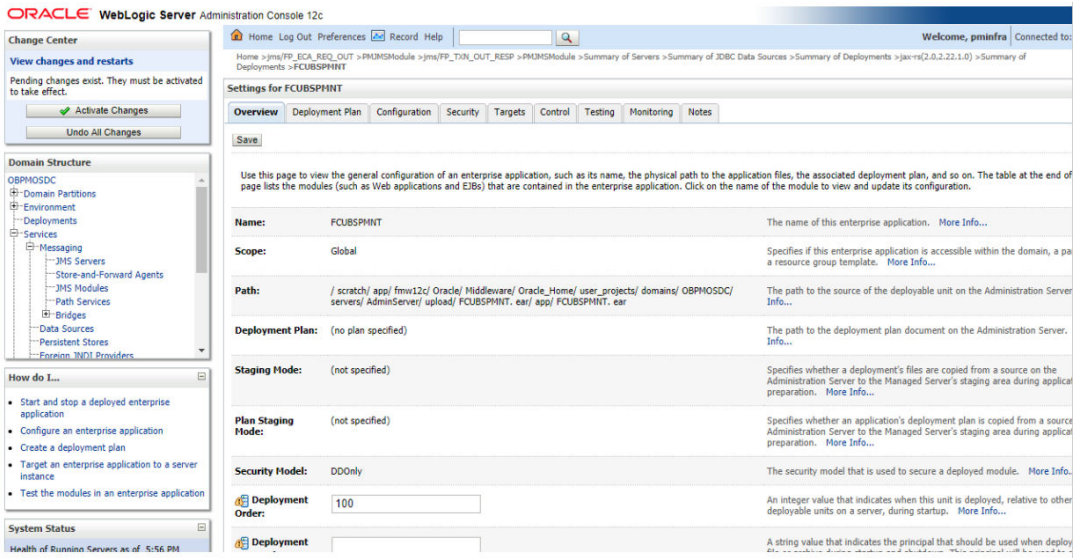
17. Click **Finish** button. The following screen is displayed.

Figure 2-19 Settings for FCUBSPMNT



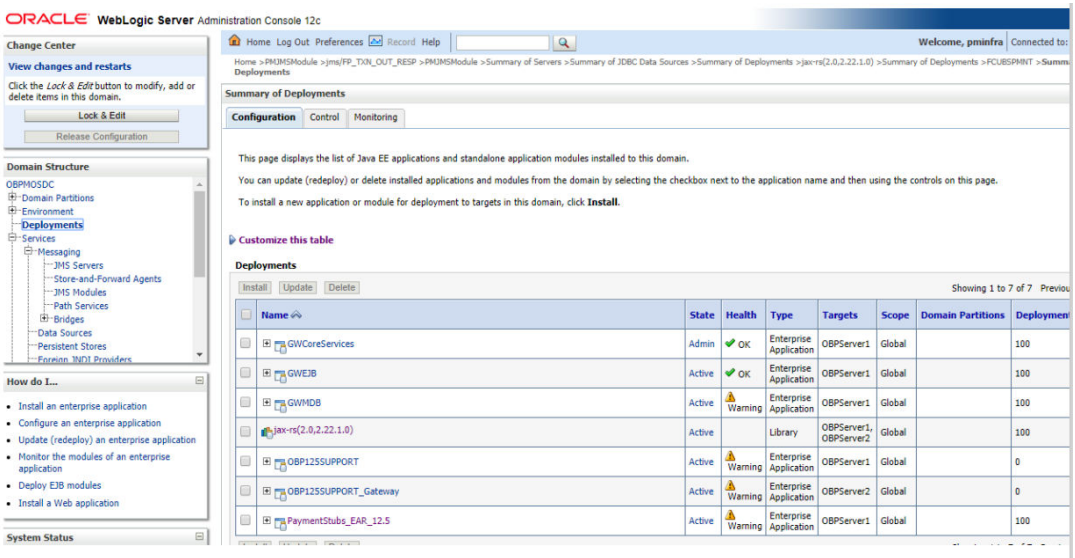
18. Click **Save** button. The message **Settings updated successfully** is displayed.

Figure 2-20 Settings for FCUBSPMNT



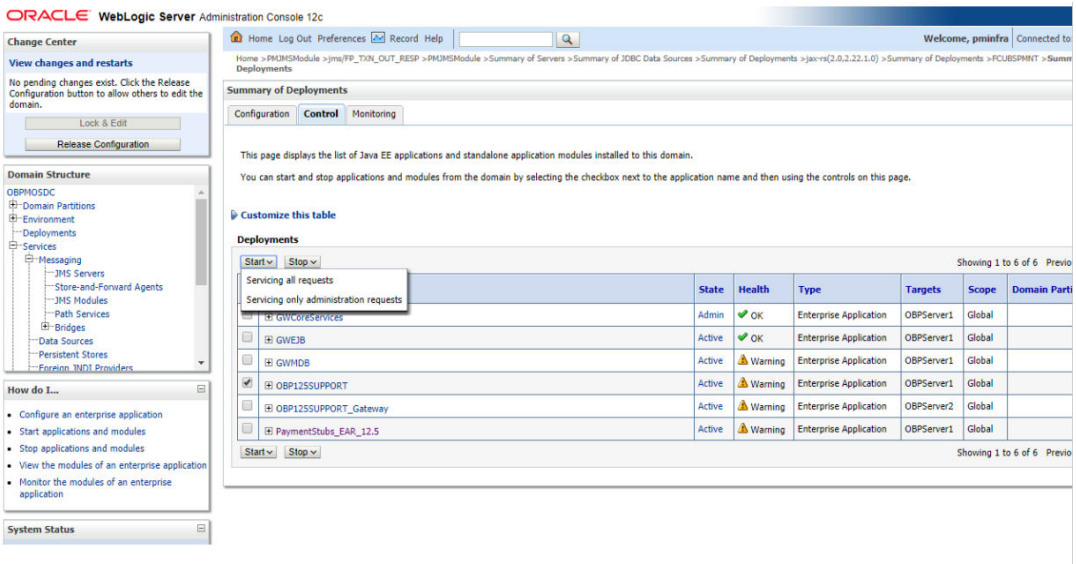
19. Click **Activate Changes** button on the left pane. The message **All the changes have been activated. No restarts are necessary** is displayed. The screen is given below:

Figure 2-21 Summary of Deployments



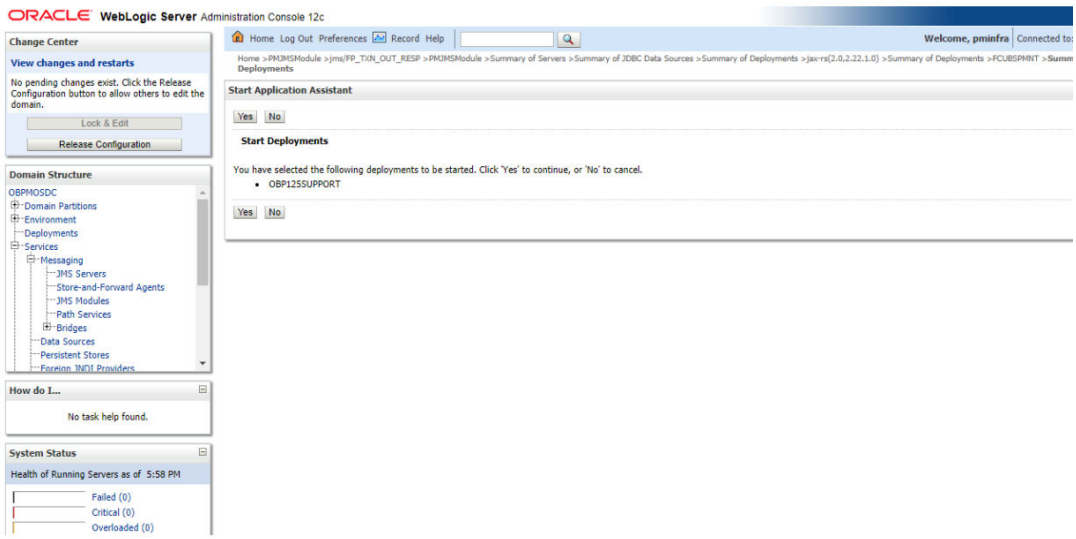
20. Click **Deployment** on the left pane. Switch to Control tab .The following screen is displayed.

Figure 2-22 Summary of Deployments



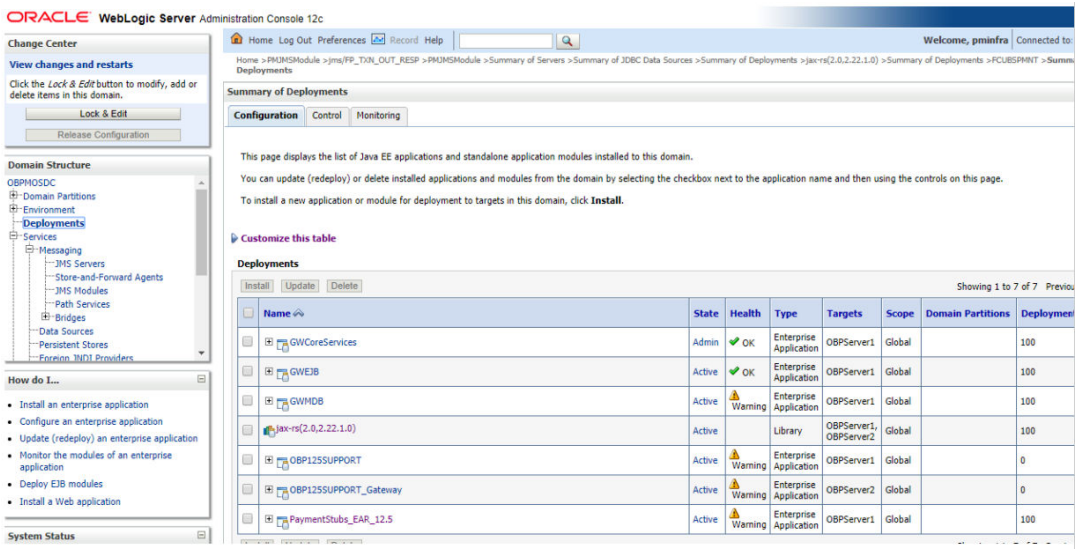
21. Click **Start** drop-down button and select **Servicing all requests**. The following screen is displayed.

Figure 2-23 Start Application Assistant



22. Click **Yes**. The following screen is displayed.

Figure 2-24 Summary of Deployments



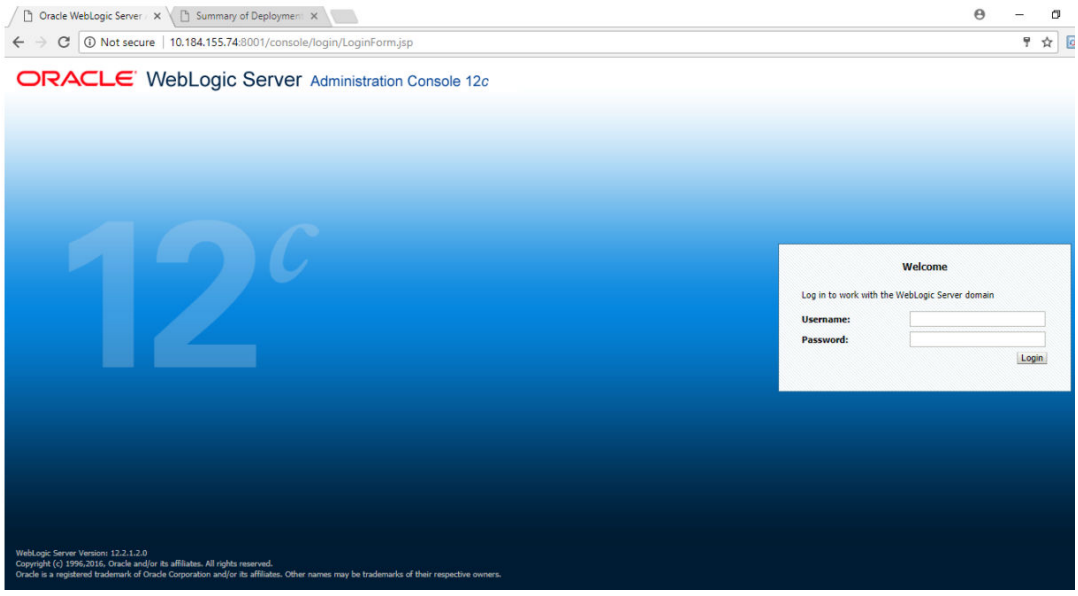
This completes the deployment process.

Deploying Gateway/Scheduler Applications from WebLogic Administration Console

1. Start the Administrative Console of the WebLogic application server. Enter the Oracle WebLogic Admin Console URL in the address bar in an internet browser.

   Oracle Weblogic Server - Welcome screen is displayed.

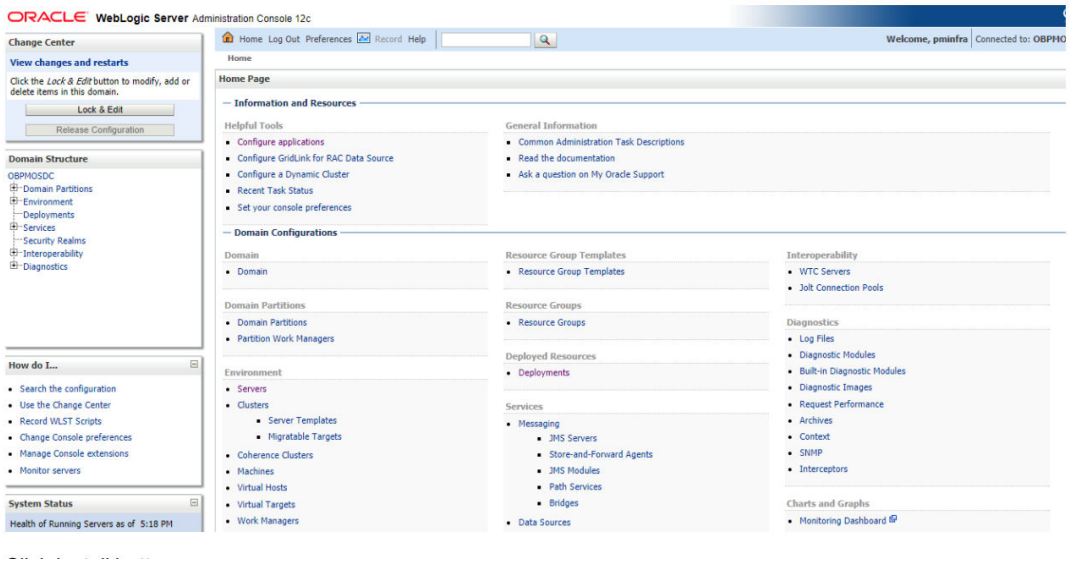
Figure 2-25 Oracle Weblogic Server - Welcome



2. Specify the WebLogic Administrator Username, Password and click **Log In**.

   Oracle Weblogic Server - Home Page screen is displayed.

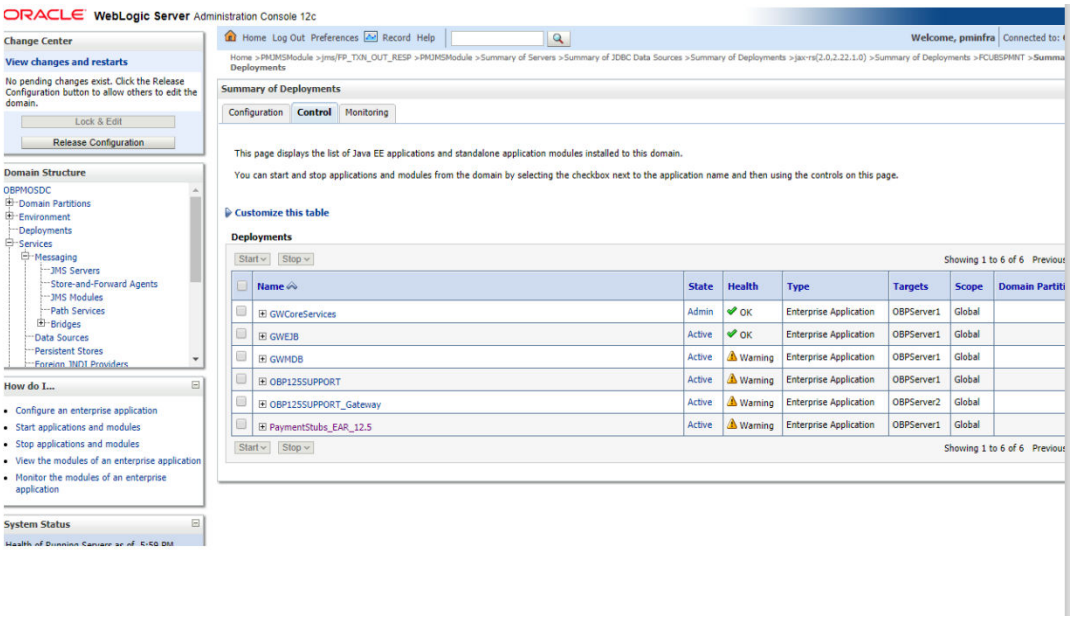
Figure 2-26 Oracle Weblogic Server - Home Page



3. Deploy an EAR. For e.g. ‘GWEJB.ear. On the left pane, under **Domain Structure**, expand Deployments and services under it. Click the **Lock & Edit** button.

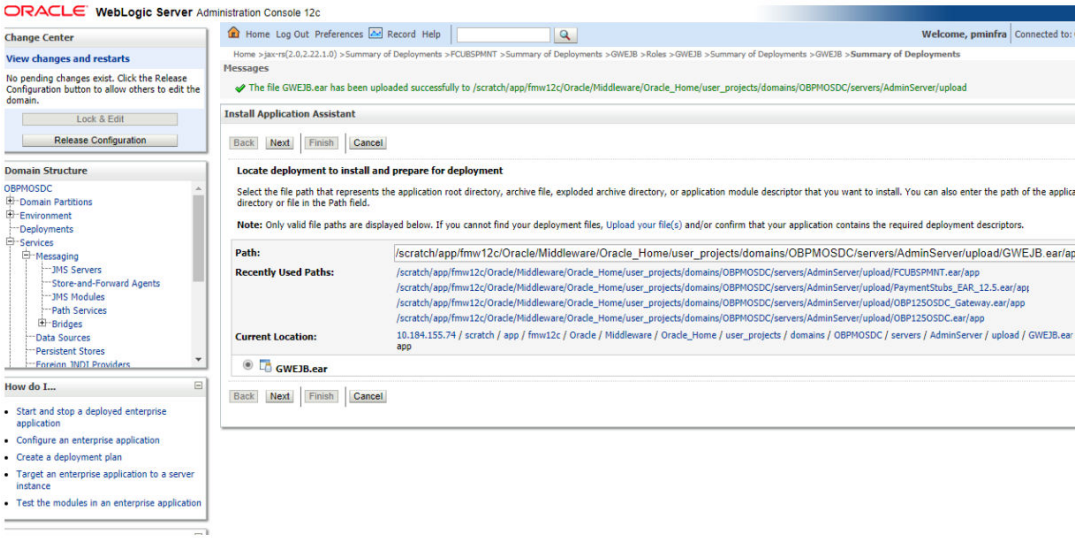
   Summary of Deployments screen is displayed.

Figure 2-27 Summary of Deployments



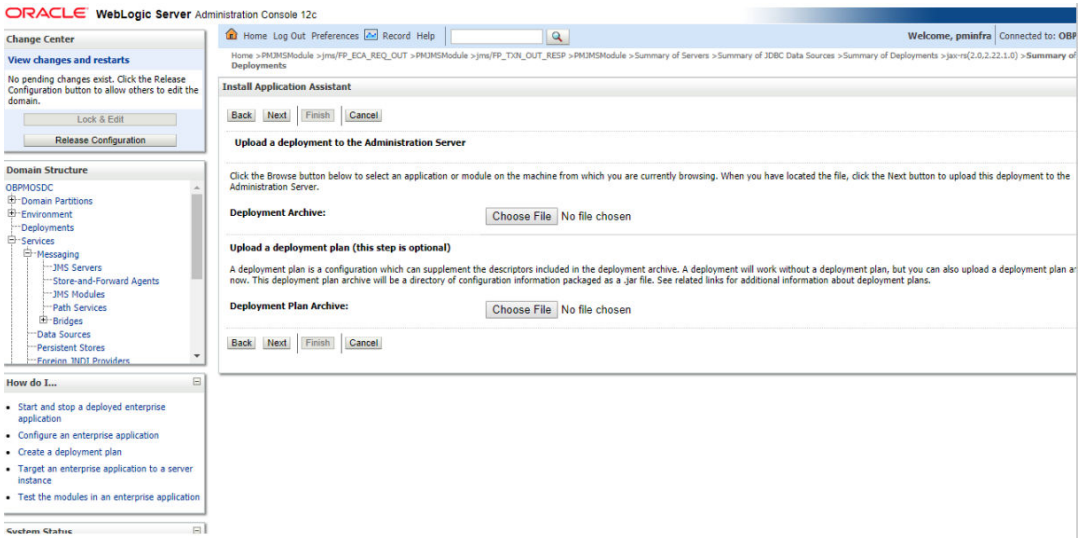
4. Click **Install** button. The following screen is displayed:

Figure 2-28 Install Application Assistant



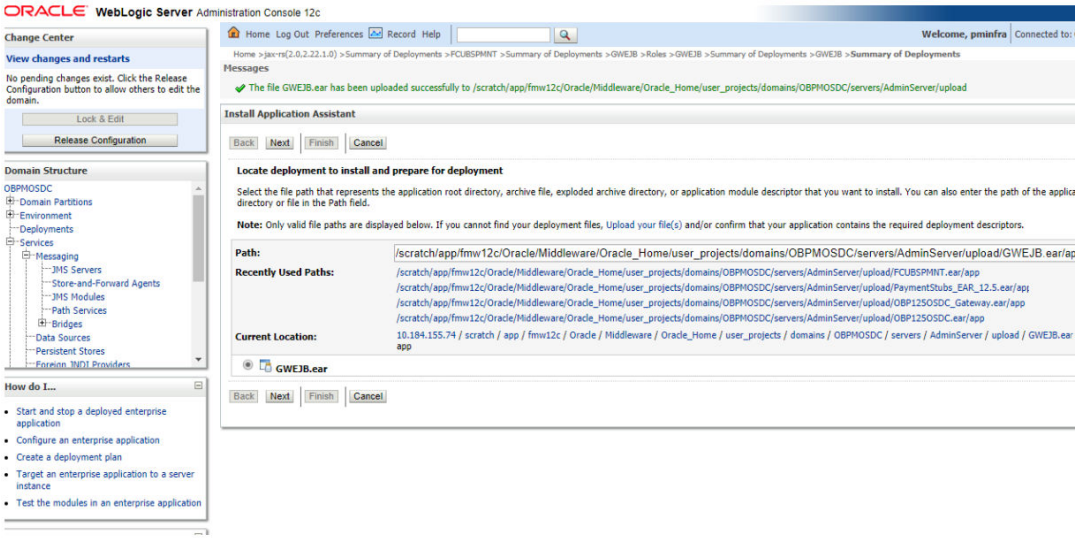
5. In order to specify the path/location of the enterprise archive file, click the link **upload your file**
6. Click **Next**. The following screen is displayed.

Figure 2-29 Install Application Assistant



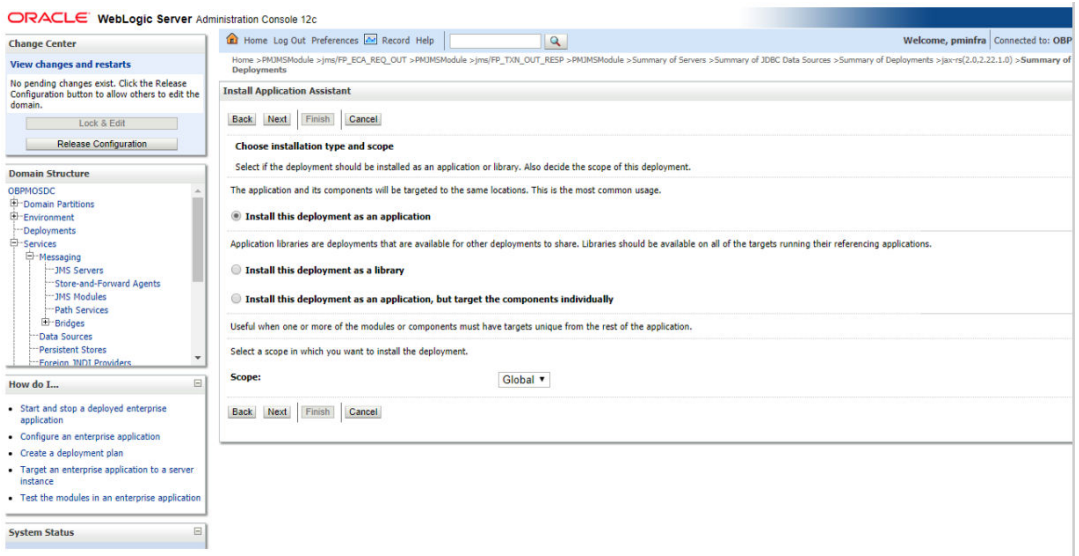
7. Specify the EAR file path. You can use the **Browse** button to locate the file.
8. Click **Next**. The following screen is displayed.

Figure 2-30 Install Application Assistant



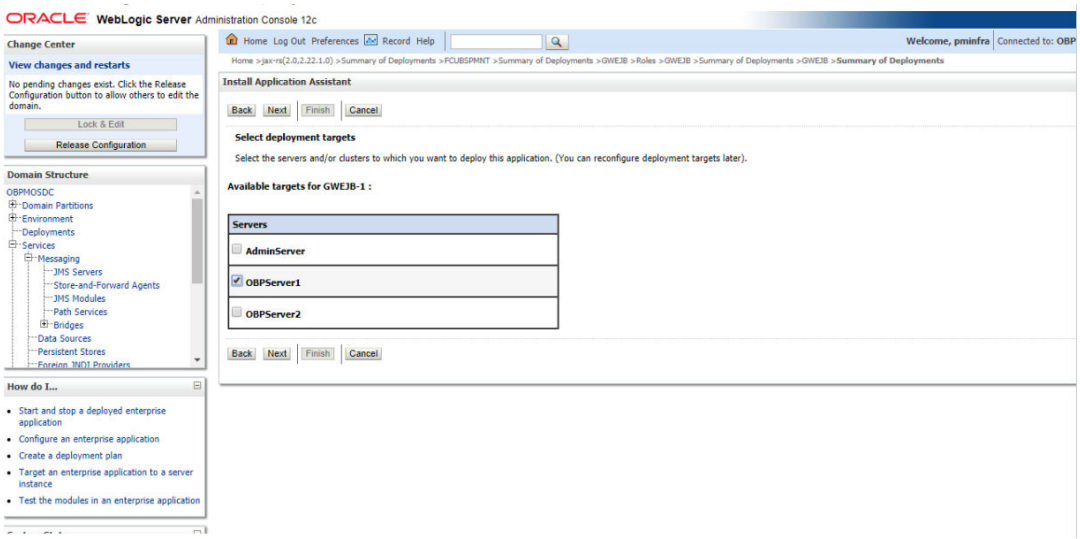
9. Select the application from the list.
10. Click **Next**. The following screen is displayed.

Figure 2-31 Install Application Assistant



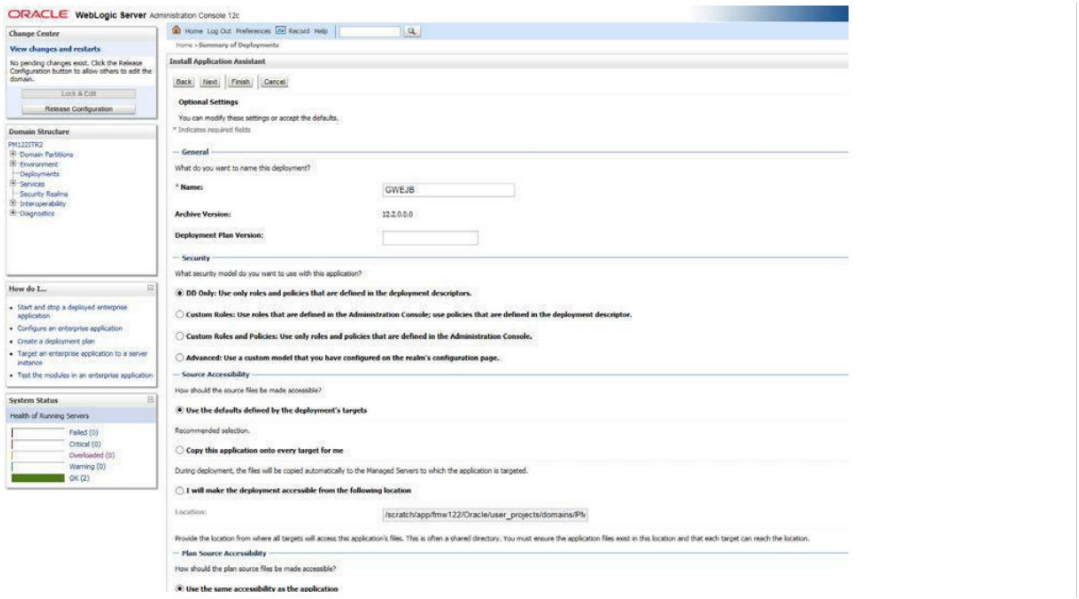
11. Choose the targeting style **Install this deployment as an application**.
12. Click **Next**. The following screen is displayed

Figure 2-32 Install Application Assistant



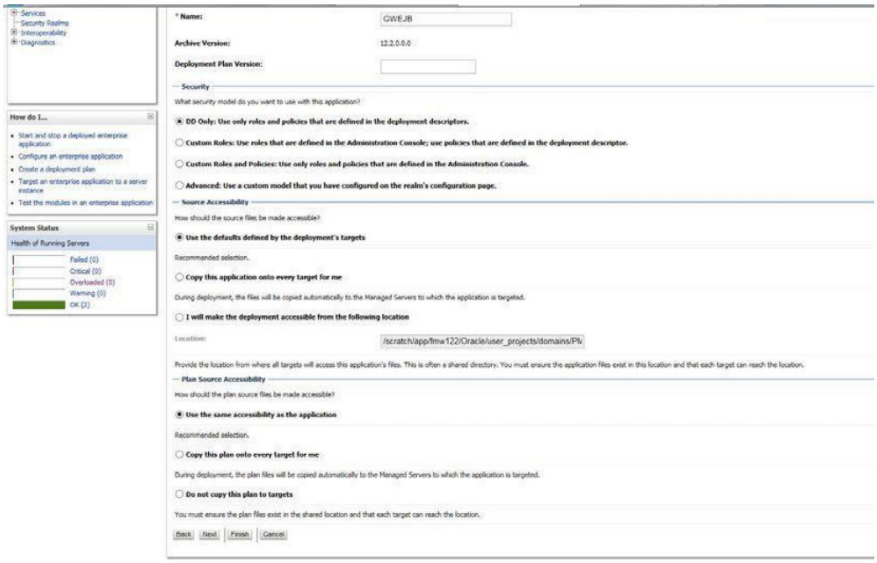
13. Select the target of the application. You can choose the server **AdminServer** or **Managed Server(s)**.
14. Click **Next**. The following screen is displayed

Figure 2-33 Install Application Assistant



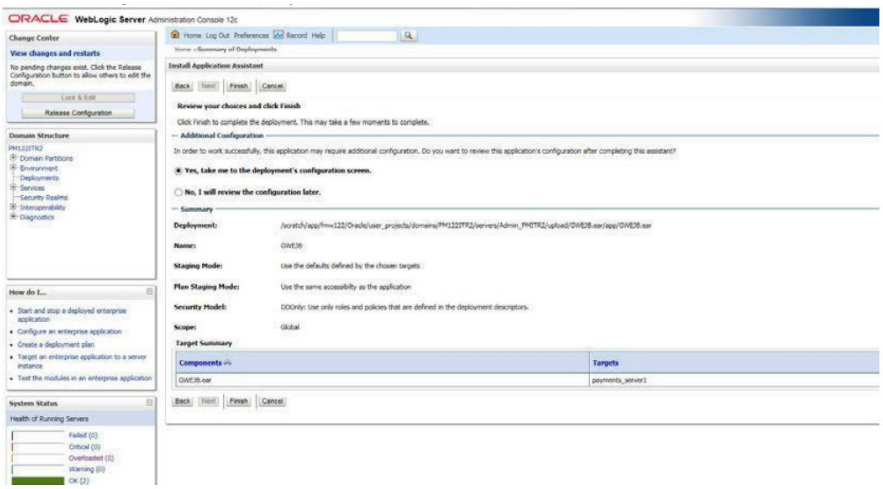
15. Check the deployment name. The remaining portion of the screen is shown below:

Figure 2-34 Install Application Assistant



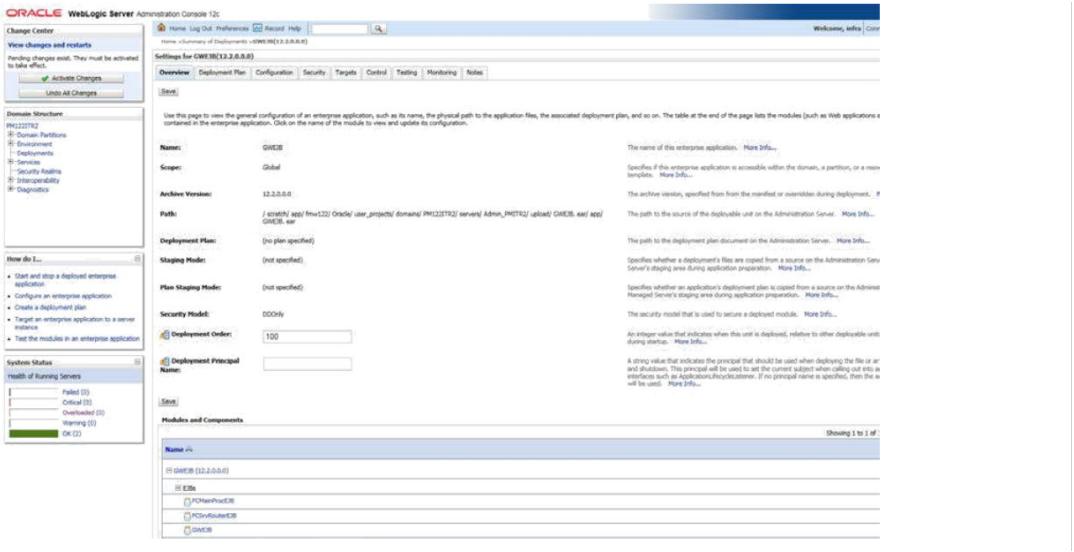
16. Check whether the deployment location is accessible or not. The following screen is displayed.

Figure 2-35 Install Application Assistant



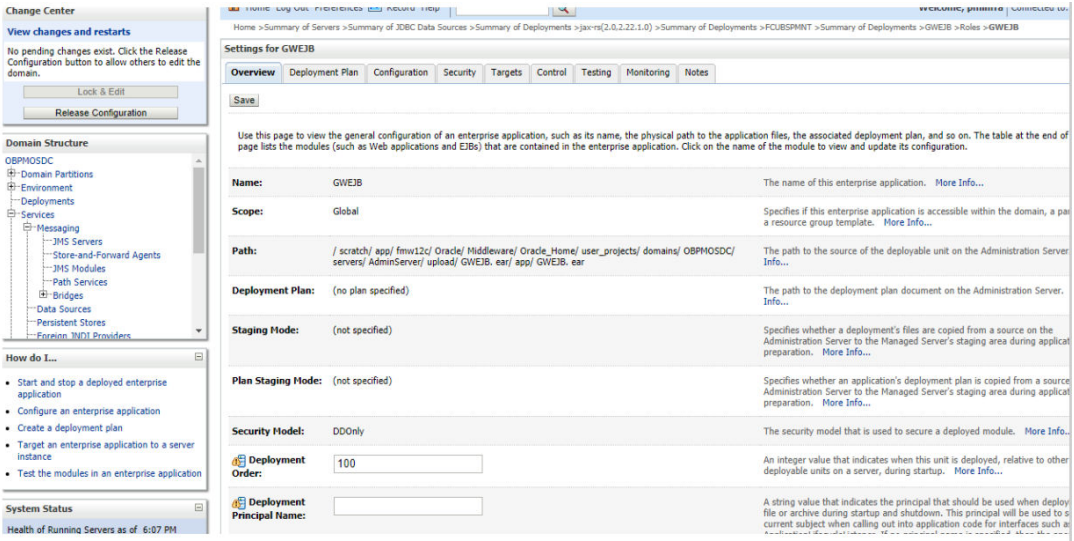
17. Click **Finish** button. The following screen is displayed.

Figure 2-36 Settings for GWEJB



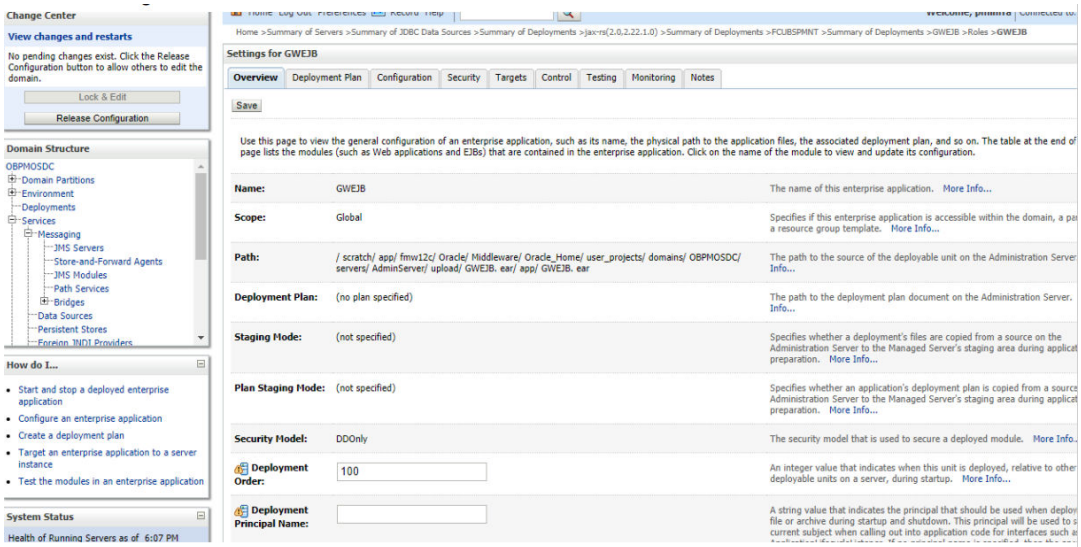
18. Click **Save** button. The message **Settings updated successfully** is displayed.

Figure 2-37 Settings for GWEJB



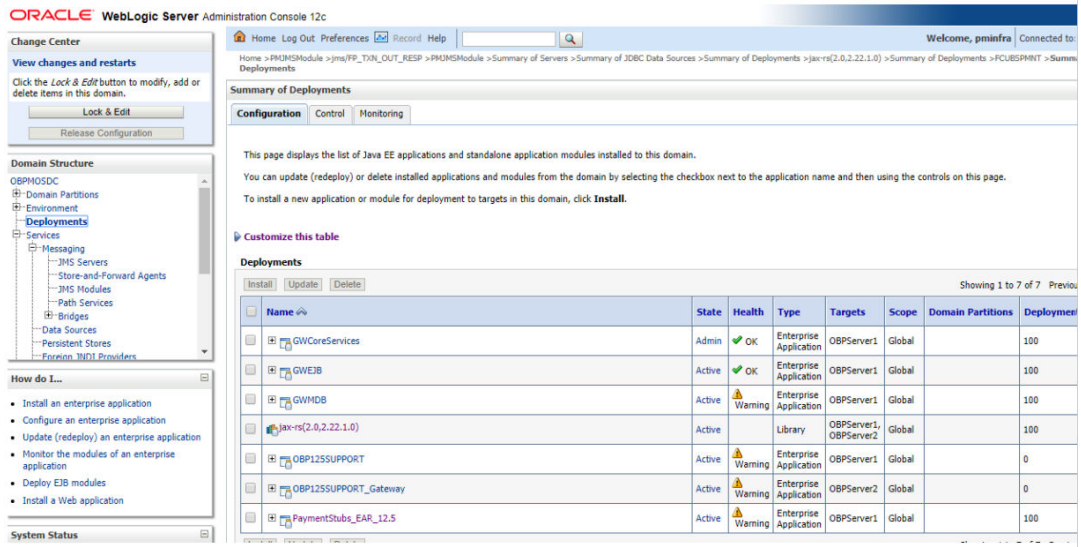
19. Click **Activate Changes** button on the left pane. The message **All the changes have been activated. No restarts are necessary** is displayed. The screen is given below:

Figure 2-38 Settings for GWEJB



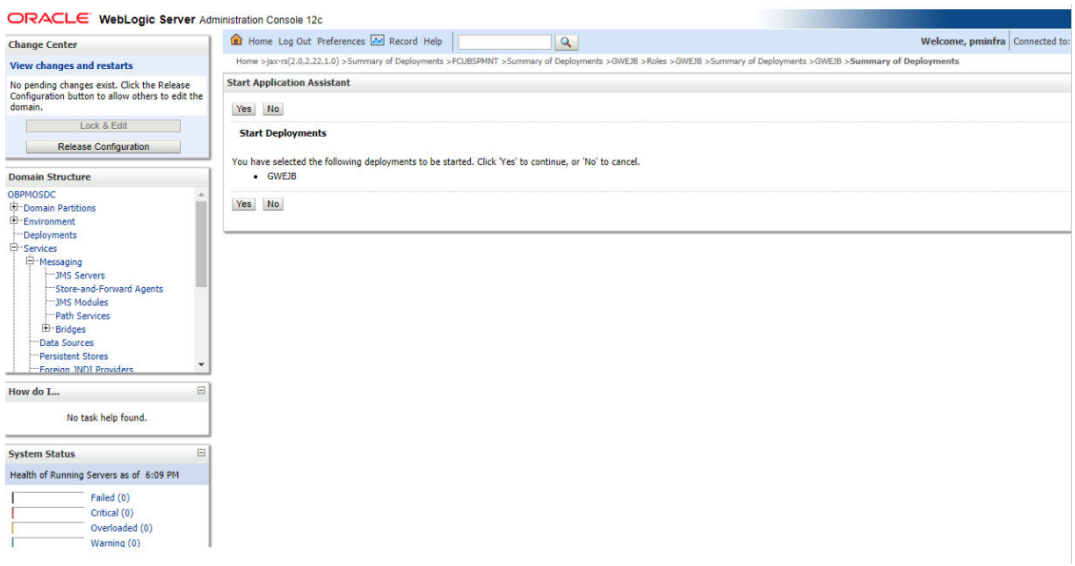
20. Click **Deployment** on the left pane. Switch to Control tab .The following screen is displayed.

Figure 2-39 Summary of Deployments



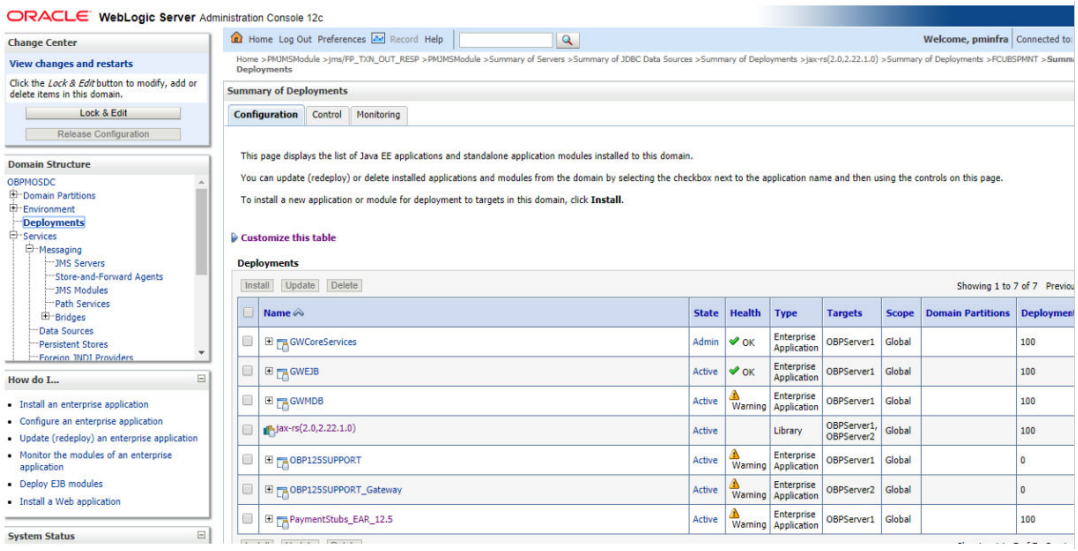
21. Click **Start** drop-down button and select **Servicing all requests**. The following screen is displayed.

Figure 2-40 Start Application Assistant



22. Click **Yes**. The following screen is displayed.

Figure 2-41 Summary of Deployments



This completes the deployment process.