Payments WebLogic Deployment

Oracle Banking Payments

Release 14.3.0.0.0

[May][2019]

ORACLE

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1. Deploying Oracle Banking Payments on WebLogic

1.1 Introduction

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.

1.2 Building Application

For building Oracle Banking 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 Banking 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

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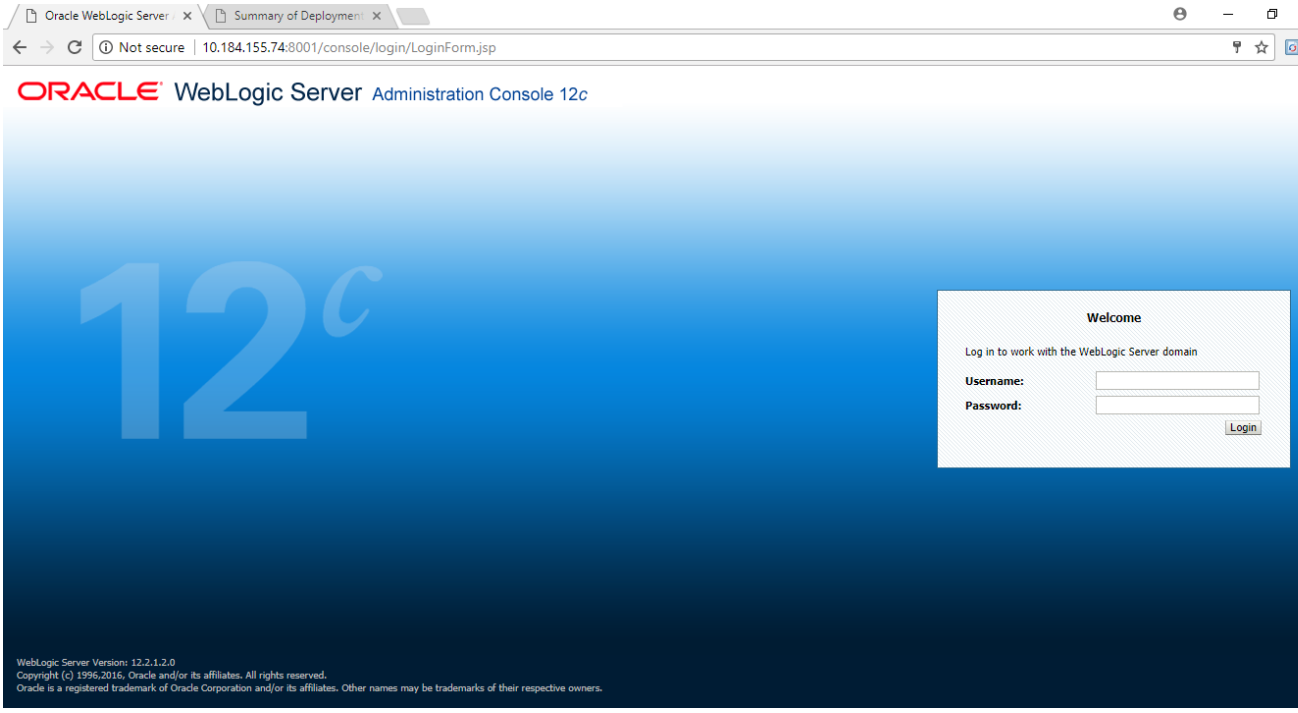
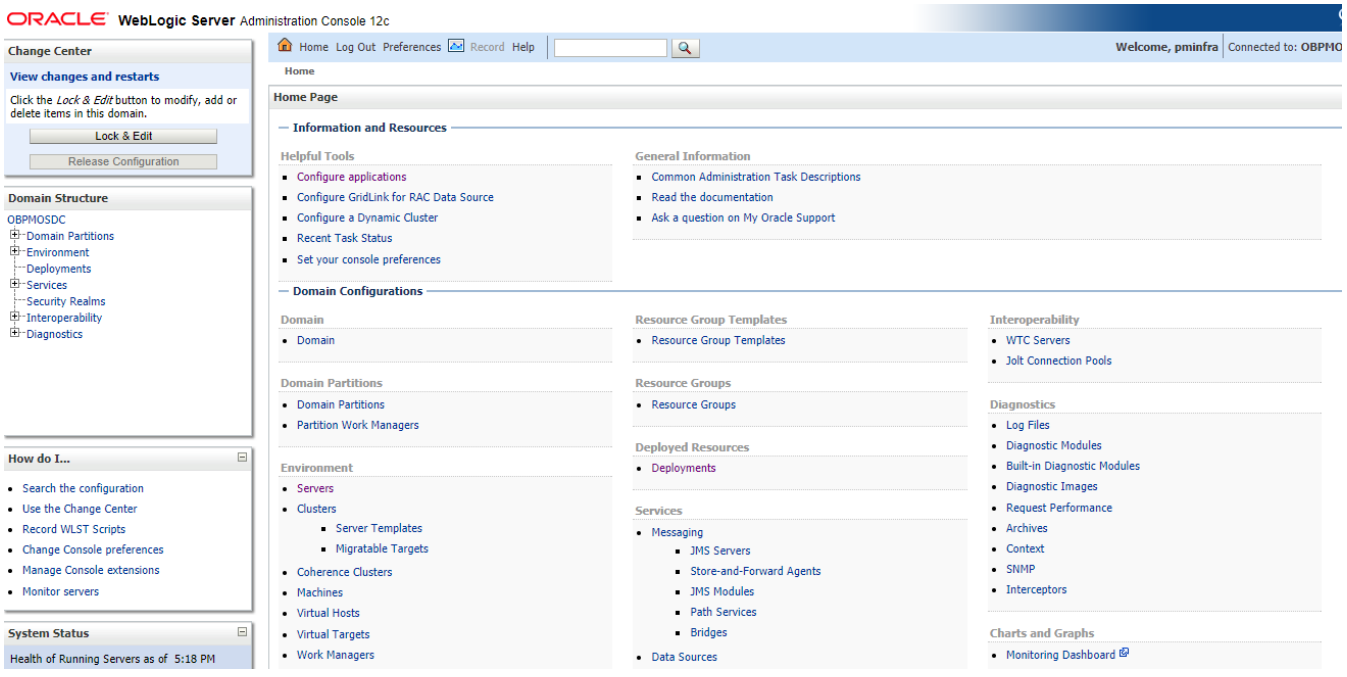
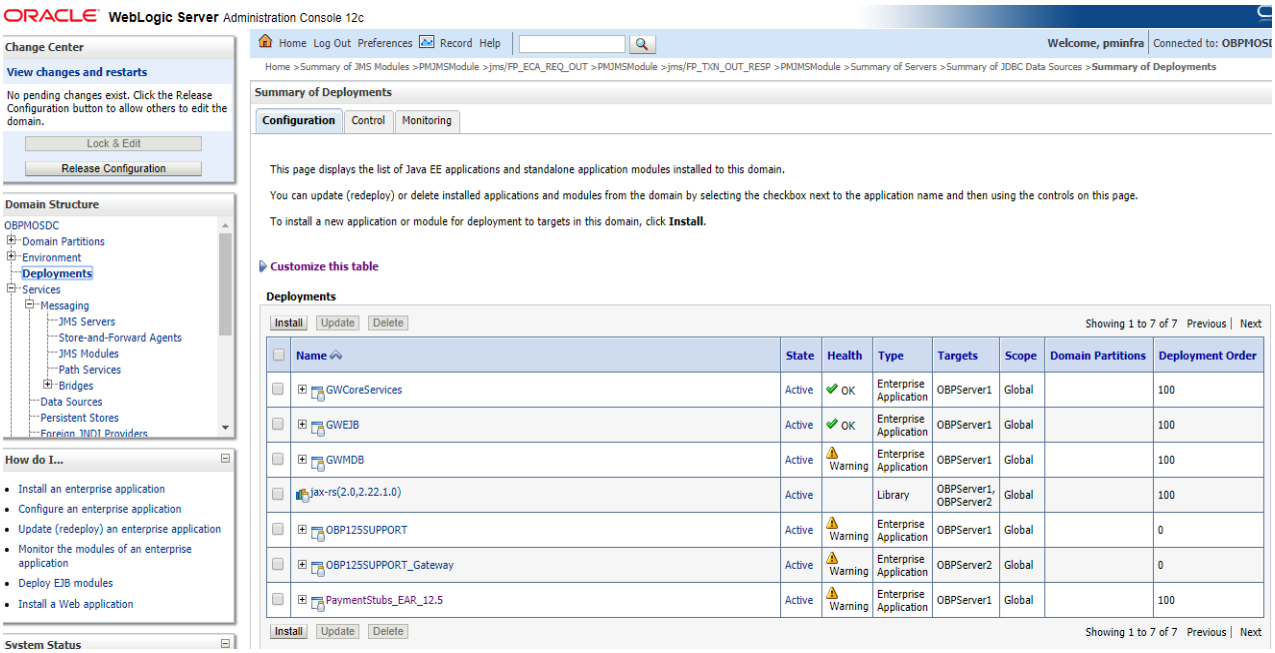
2. The following screen is displayed:

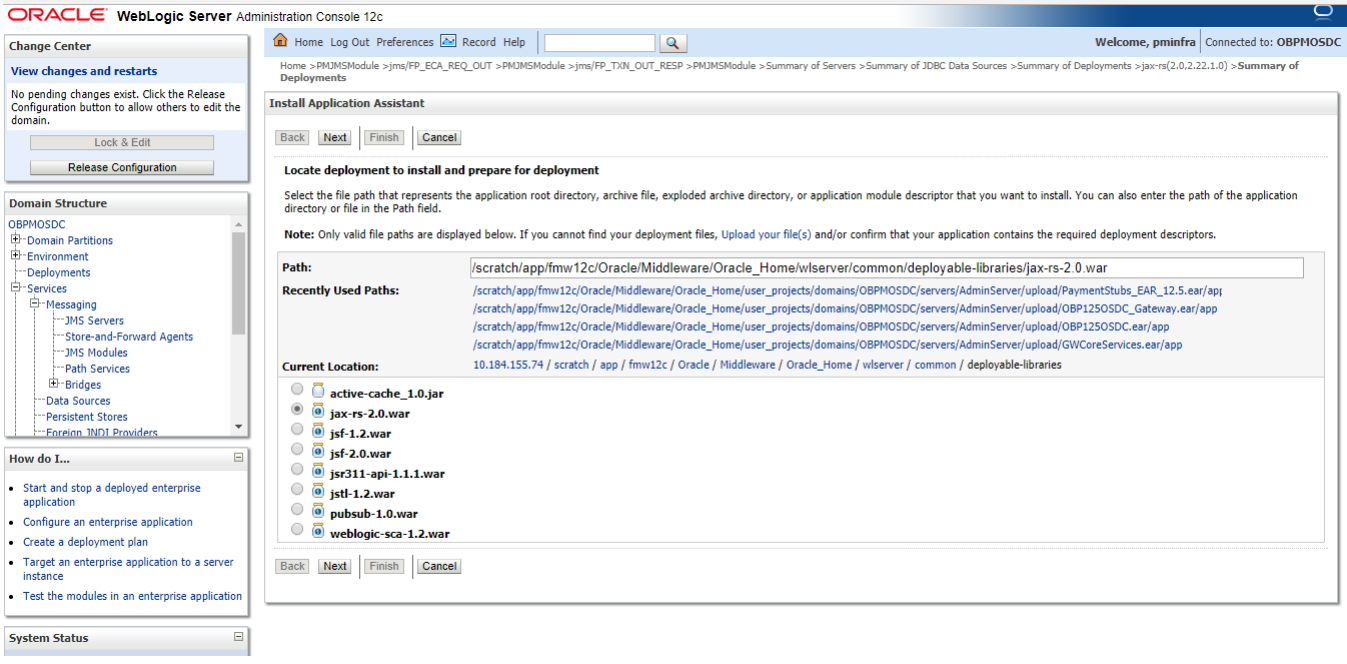


3. Specify the WebLogic administrator user name and password. Click 'Log In'. The following screen is displayed:



Click install button


ORACLE WebLogic Server Administration Console 12c
Change Center
View changes and restarts
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.
Lock & Edit
Release Configuration
Domain Structure
OBPMOSDC
Domain Partitions
Environment
Deployments
Services
Messaging
JMS Servers
Store-and-Forward Agents
JMS Modules
Path Services
Bridges
Data Sources
Persistent Stores
Foreign JNDI Providers
How do I...
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
System Status
Home Log Out Preferences Record Help
Welcome, pminfra Connected to: OBPMOSDC
Home >Summary of JMS Modules >PMJMSModule >jms/FP_ECA_REQ_OUT >PMJMSModule >jms/FP_TXN_OUT_RESP >PMJMSModule >Summary of Servers >Summary of JDBC Data Sources >Summary of Deployments
Summary of Deployments
Configuration Control Monitoring
This page displays the list of Java EE applications and standalone application modules installed to this domain.
You can update (redeploy) or delete installed applications and modules from the domain by selecting the checkbox next to the application name and then using the controls on this page.
To install a new application or module for deployment to targets in this domain, click Install.
Customize this table
Deployments
Install Update Delete
Showing 1 to 7 of 7 Previous | Next
Name State Health Type Targets Scope Domain Partitions Deployment Order
GWCoreServices Active OK Enterprise Application OBPServer1 Global 100
GWEJB Active OK Enterprise Application OBPServer1 Global 100
GWMDB Active Warning Enterprise Application OBPServer1 Global 100
jax-rs(2.0,2.22.1.0) Active Library OBPServer1, OBPServer2 Global 100
OBP12SSUPPORT Active Warning Enterprise Application OBPServer1 Global 0
OBP12SSUPPORT_Gateway Active Warning Enterprise Application OBPServer2 Global 0
PaymentStubs_EAR_12.5 Active Warning Enterprise Application OBPServer1 Global 100
Install Update Delete
Showing 1 to 7 of 7 Previous | Next


ORACLE WebLogic Server Administration Console 12c
Change Center
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JMS Modules
Path Services
Bridges
Data Sources
Persistent Stores
Foreign JNDI Providers
How do I...
Start and stop a deployed enterprise application
Configure an enterprise application
Create a deployment plan
Target an enterprise application to a server instance
Test the modules in an enterprise application
System Status
Home Log Out Preferences Record Help
Welcome, pminfra Connected to: OBPMOSDC
Home >PMJMSModule >jms/FP_ECA_REQ_OUT >PMJMSModule >jms/FP_TXN_OUT_RESP >PMJMSModule >Summary of Servers >Summary of JDBC Data Sources >Summary of Deployments >jax-rs(2.0,2.22.1.0) >Summary of Deployments
Install Application Assistant
Back Next Finish Cancel
Locate deployment to install and prepare for deployment
Select the file path that represents the application root directory, archive file, exploded archive directory, or application module descriptor that you want to install. You can also enter the path of the application directory or file in the Path field.
Note: Only valid file paths are displayed below. If you cannot find your deployment files, Upload your file(s) and/or confirm that your application contains the required deployment descriptors.
Path: /scratch/app/fmw12c/Oracle/Middleware/Oracle_Home/wlserver/common/deployable-libraries/jax-rs-2.0.war
Recently Used Paths:
/scratch/app/fmw12c/Oracle/Middleware/Oracle_Home/user_projects/domains/OBPMOSDC/servers/AdminServer/upload/PaymentStubs_EAR_12.5.ear/app
/scratch/app/fmw12c/Oracle/Middleware/Oracle_Home/user_projects/domains/OBPMOSDC/servers/AdminServer/upload/OBP12SOSDC_Gateway.ear/app
/scratch/app/fmw12c/Oracle/Middleware/Oracle_Home/user_projects/domains/OBPMOSDC/servers/AdminServer/upload/OBP12SOSDC.ear/app
/scratch/app/fmw12c/Oracle/Middleware/Oracle_Home/user_projects/domains/OBPMOSDC/servers/AdminServer/upload/GWCoreServices.ear/app
Current Location: 10.184.155.74 / scratch / app / fmw12c / Oracle / Middleware / Oracle_Home / wlserver / common / deployable-libraries
active-cache_1.0.jar
jax-rs-2.0.war
jsf-1.2.war
jsf-2.0.war
jsr311-api-1.1.1.war
jstl-1.2.war
pubsub-1.0.war
weblogic-sca-1.2.war
Back Next Finish Cancel

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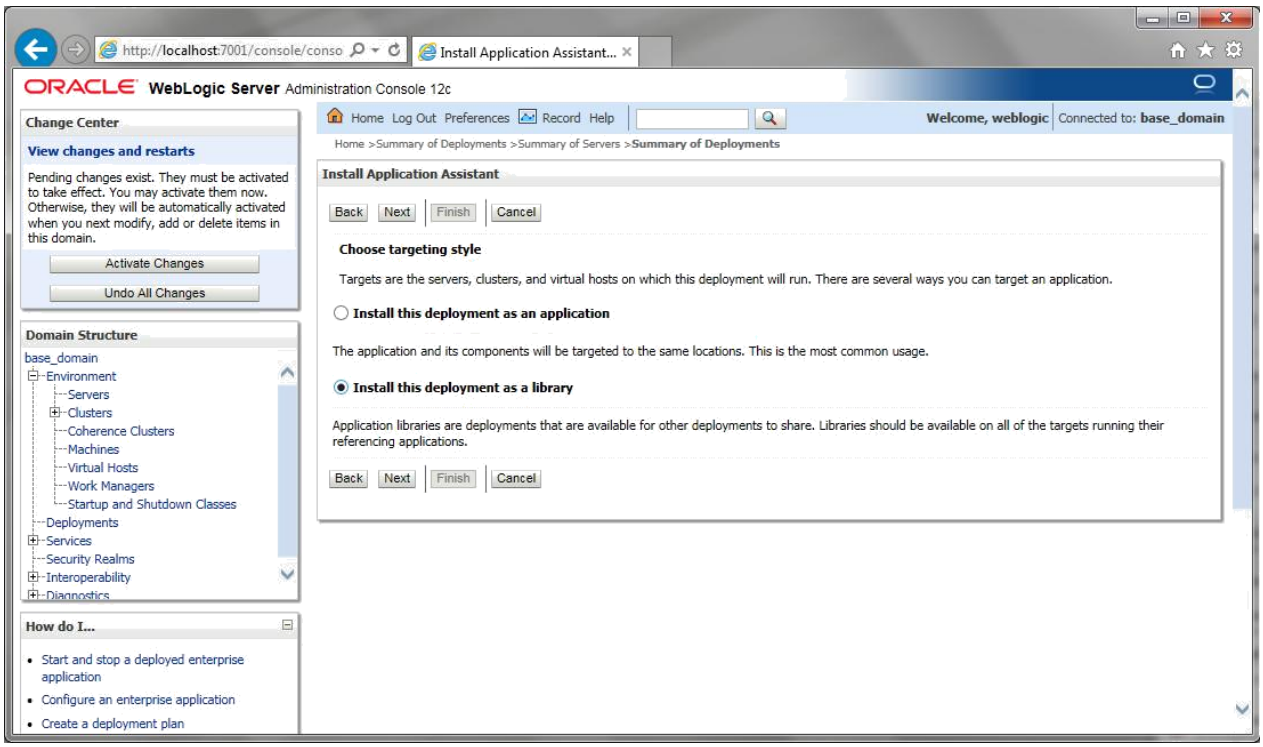
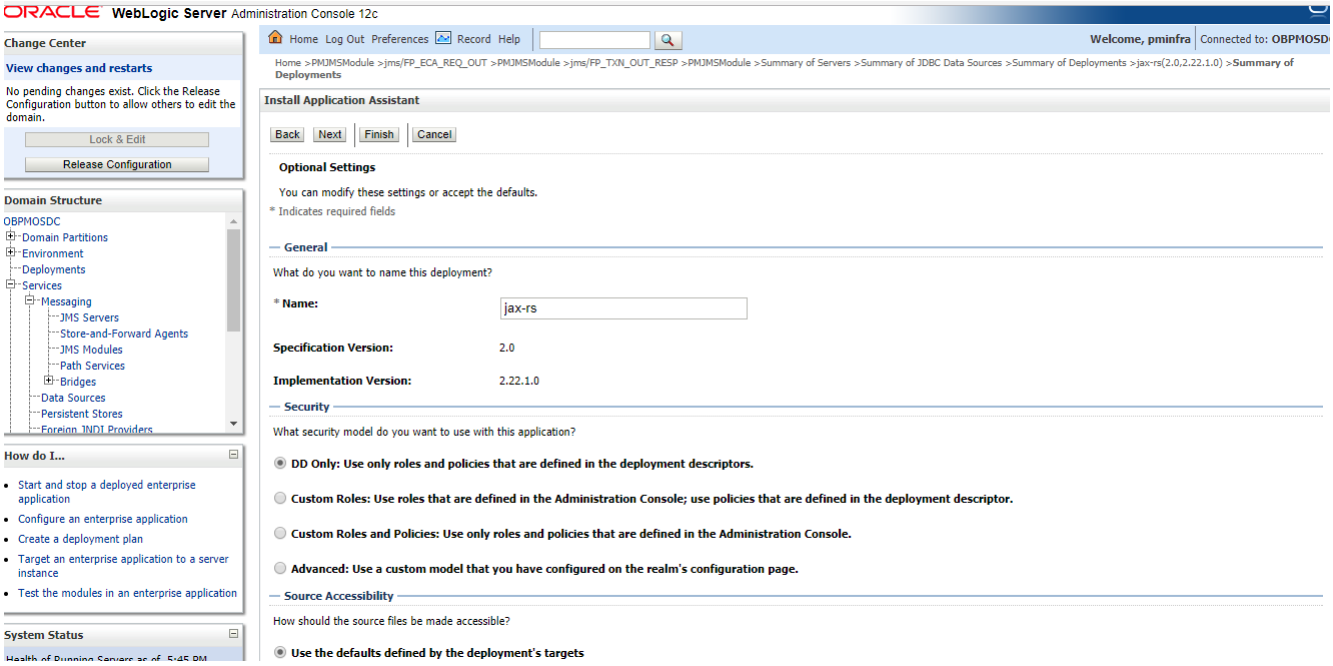
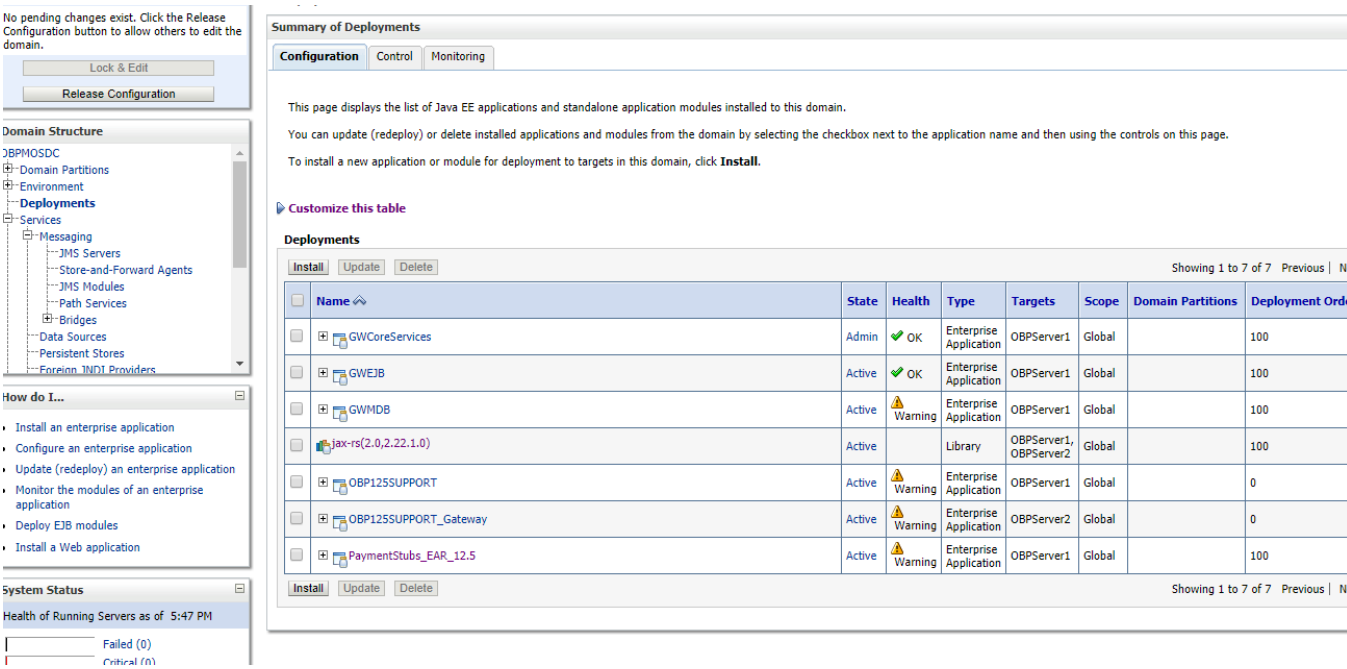
Navigate and select jersey bundle under the path "*wlserver\common\deployable-libraries\jersey-bundle-x.x.war*"



Select “install this deployment as library” and click next



Click finish button



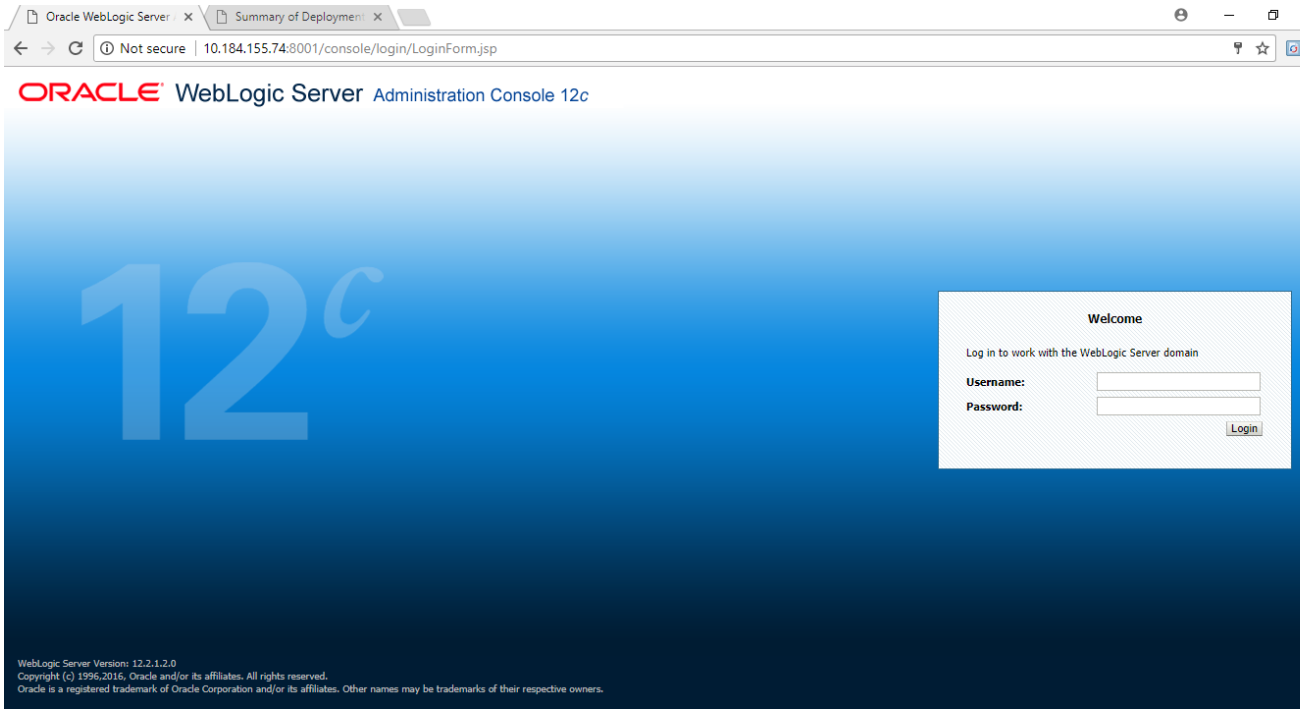
This library must appear in the deployment with Type column as “Library’

1.3.2 Deploying FCUBS Application from WebLogic Administration Console

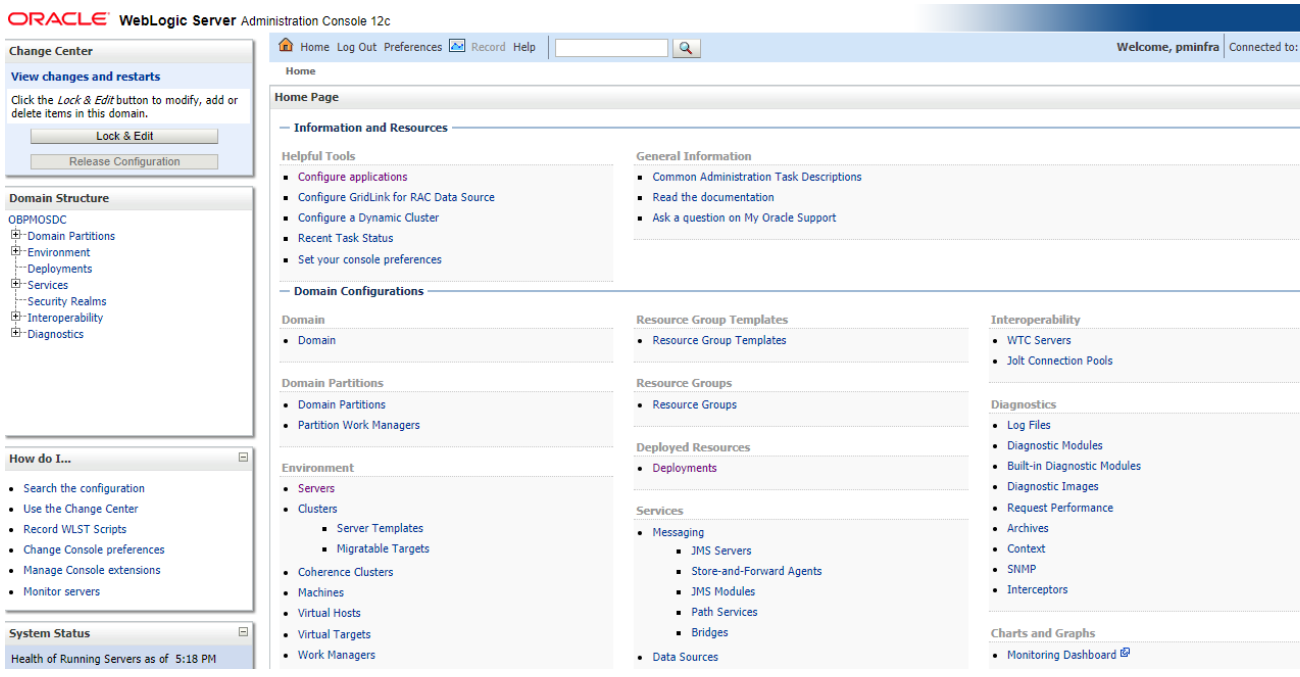
To deploy Oracle Banking Application from Oracle WebLogic administration console, follow the steps given below.

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:

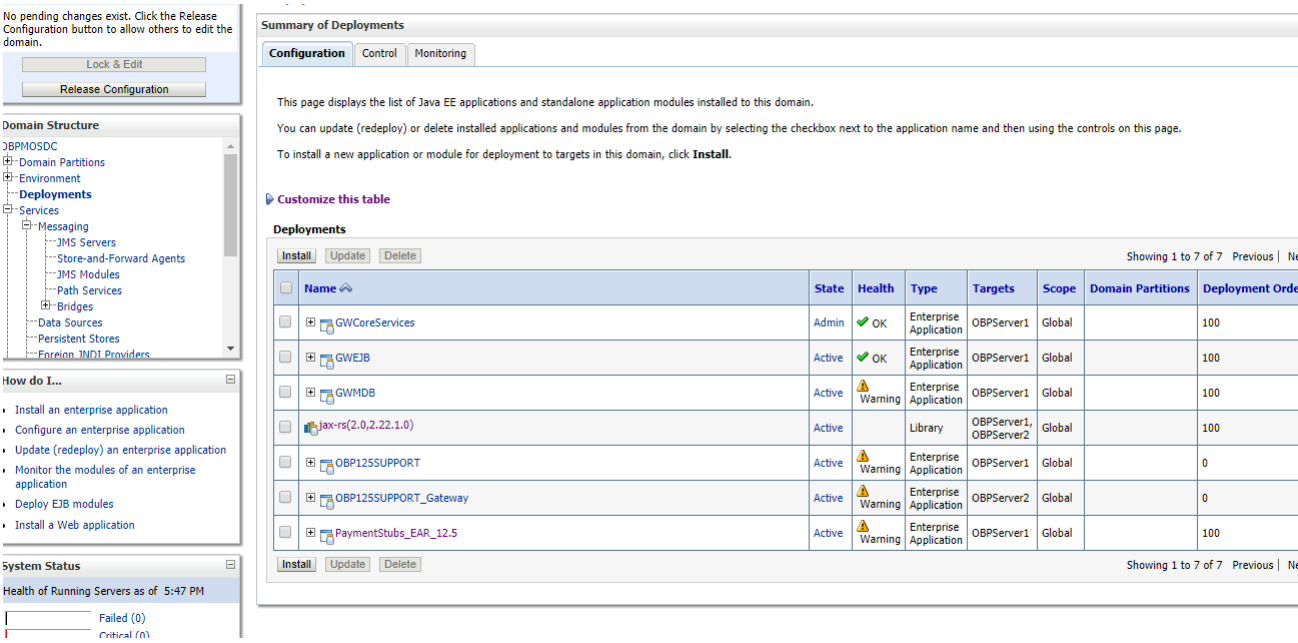


3. Specify the WebLogic administrator user name and password. Click 'Log In'. The following screen is displayed:

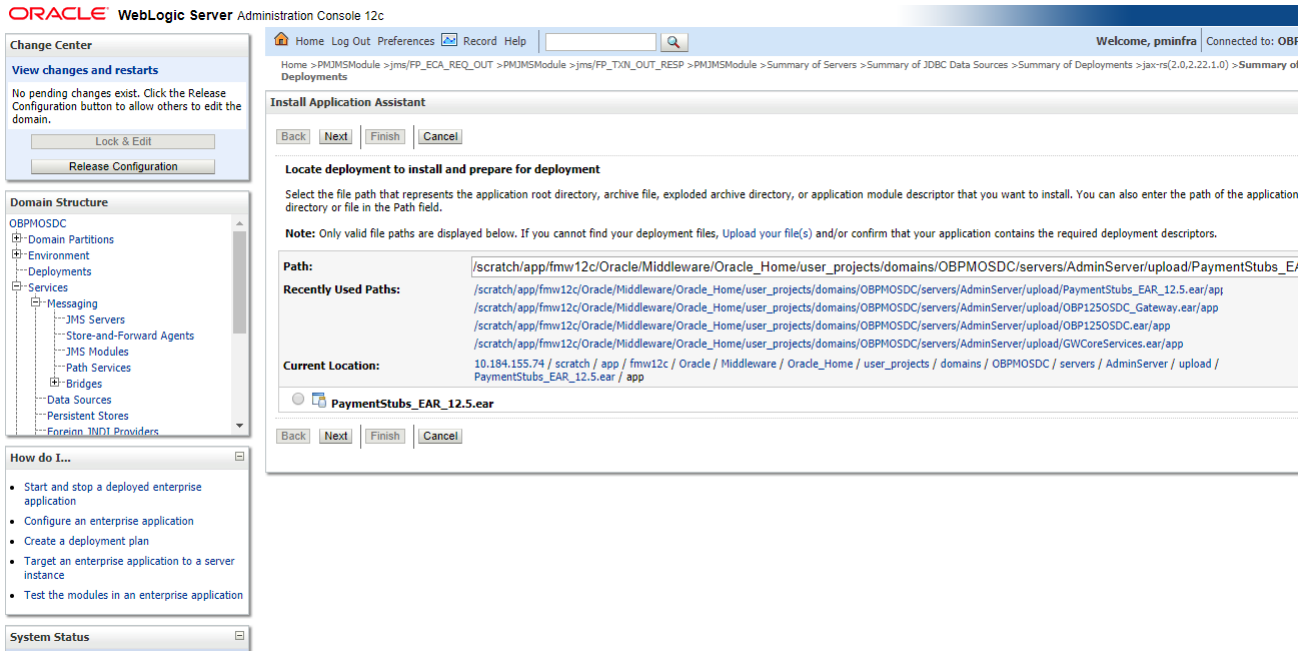


4. You need to deploy an EAR. For e.g. 'FCUBSApp.ear'. Go to 'Deployment'.

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

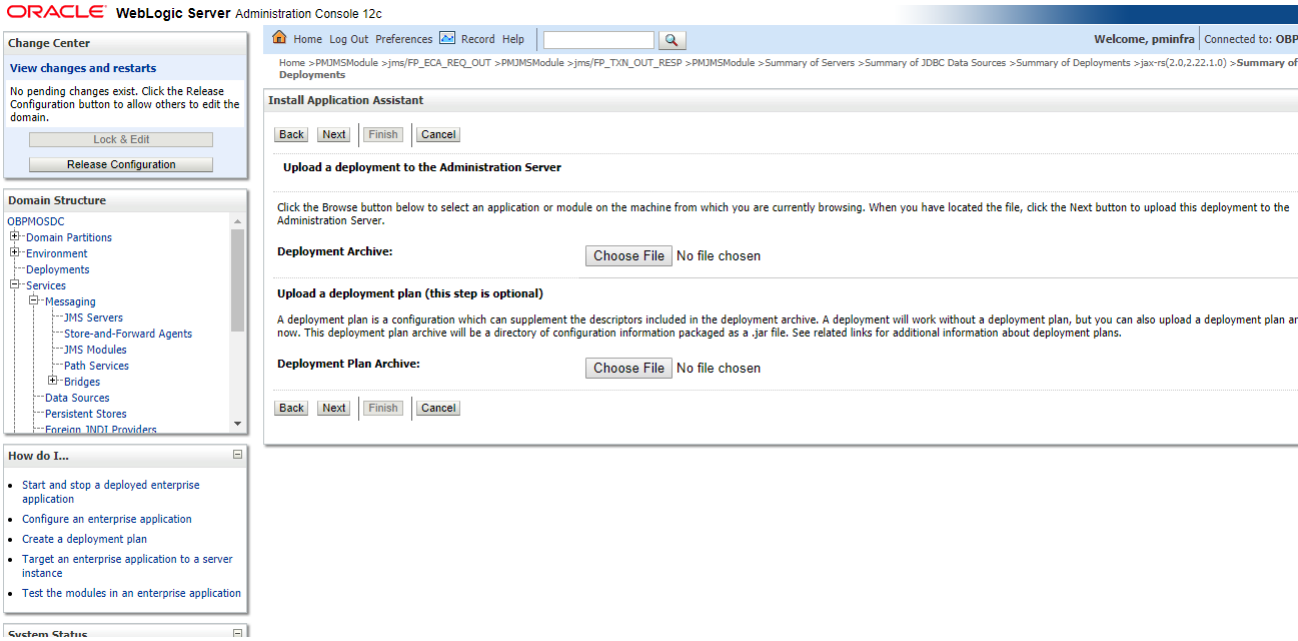


5. Click ‘Install’ button. The following screen is displayed:



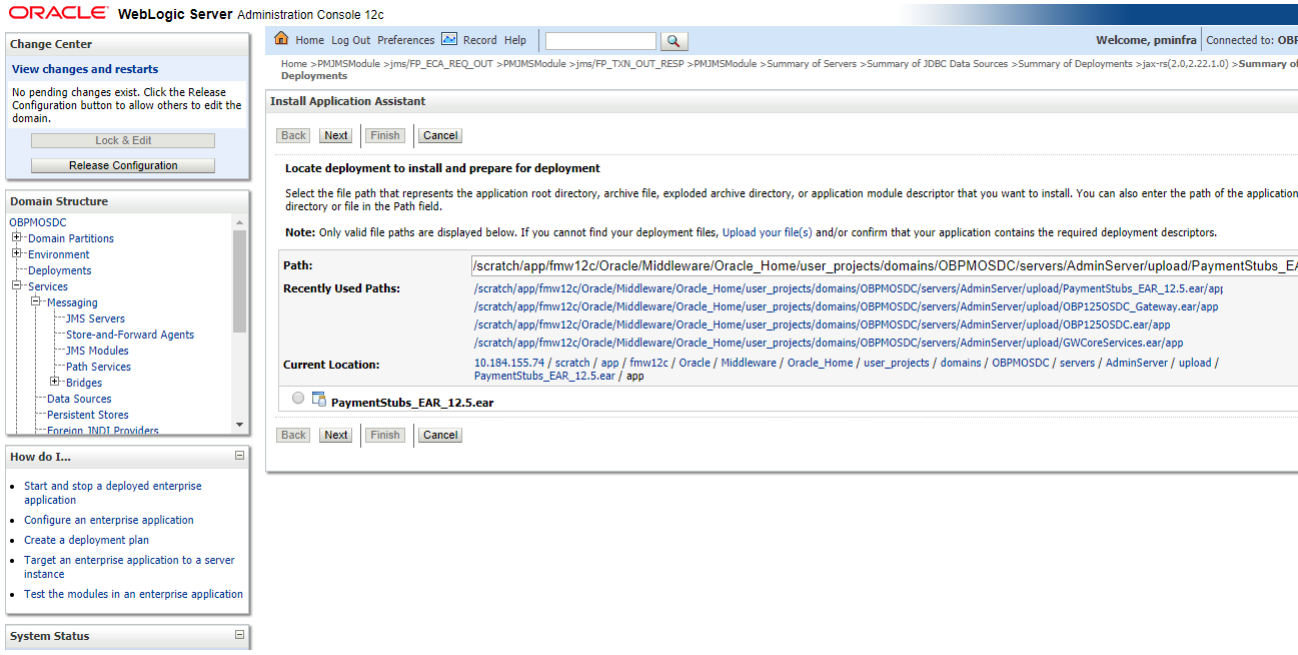
6. In order to specify the path/location of the enterprise archive file, click the link ‘upload your file(s)’.

7. Click ‘Next’. The following screen is displayed:



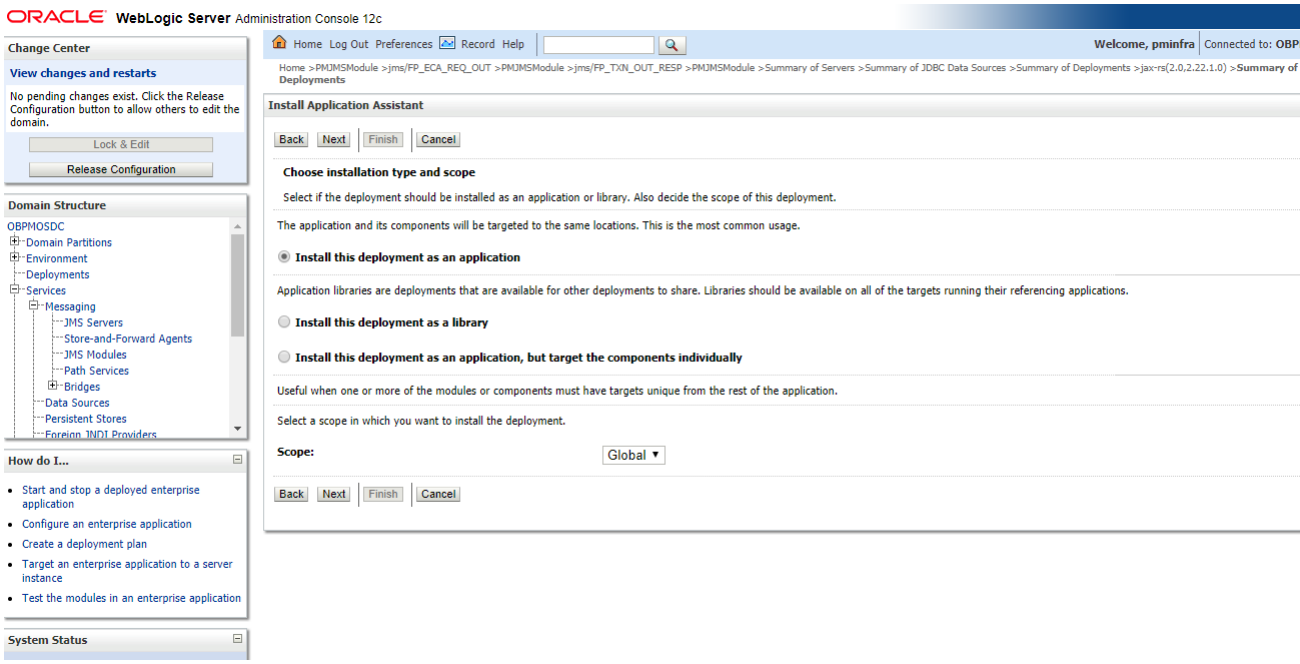
8. Specify the EAR file path. You can use the ‘Browse’ button to locate the file.

9. Click ‘Next’. The following screen is displayed.



10. Select the application ‘FCUBSApp.ear’ from the list.

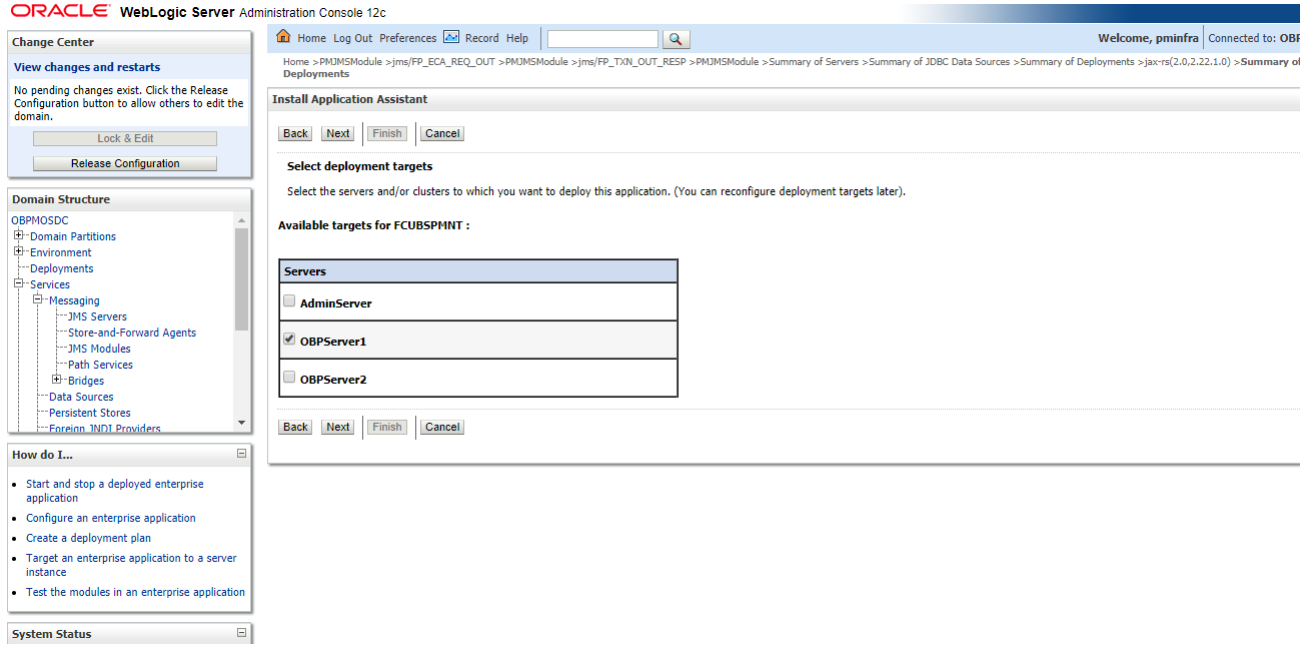
11. Click ‘Next’. Following screen is displayed:



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

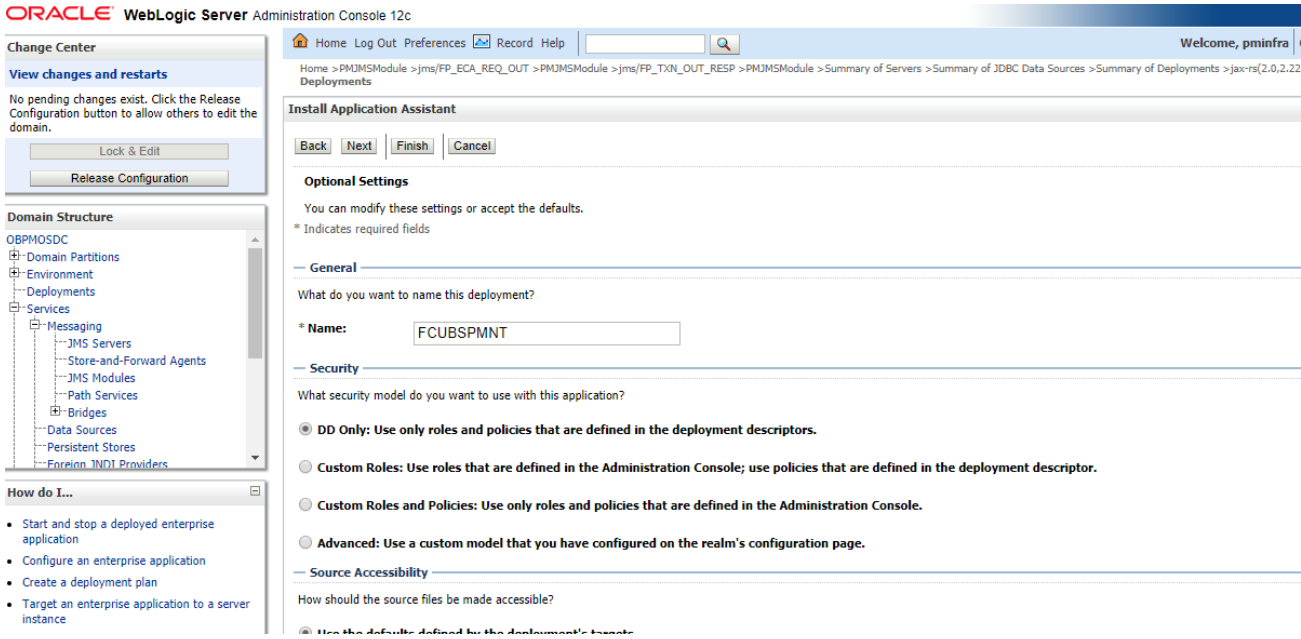
13. Click ‘Next’.

    The following screen is displayed



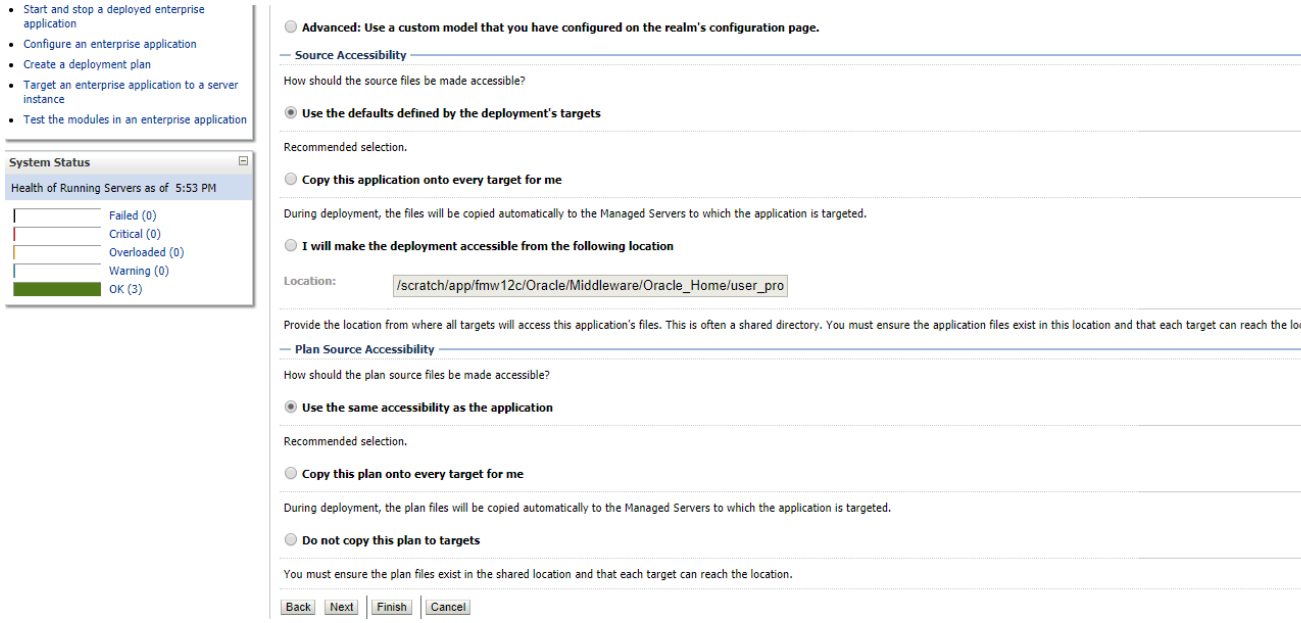
14. Select the target of the application. You can choose the server ‘AdminServer’ or ‘Managed Server(s)’.

15. Click ‘Next’. The following screen is displayed.



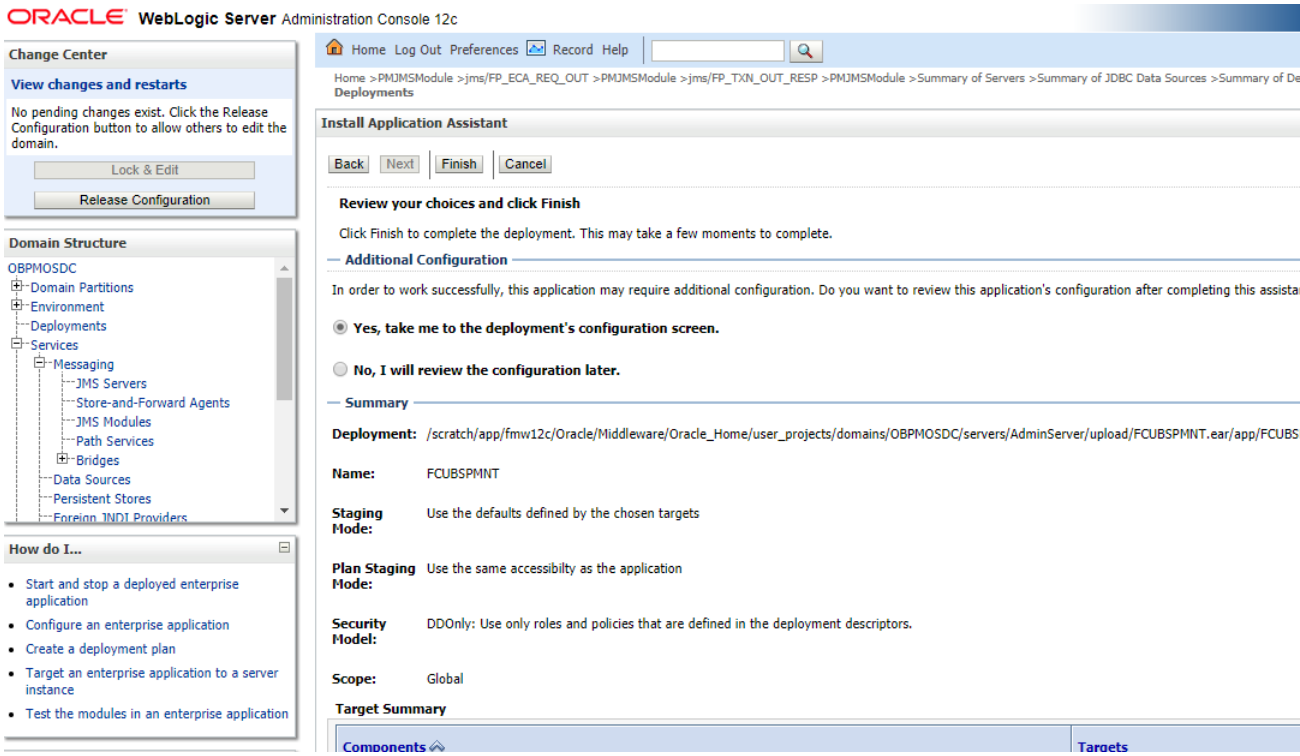
16. Check the deployment name.

    The remaining portion of the screen is shown below:

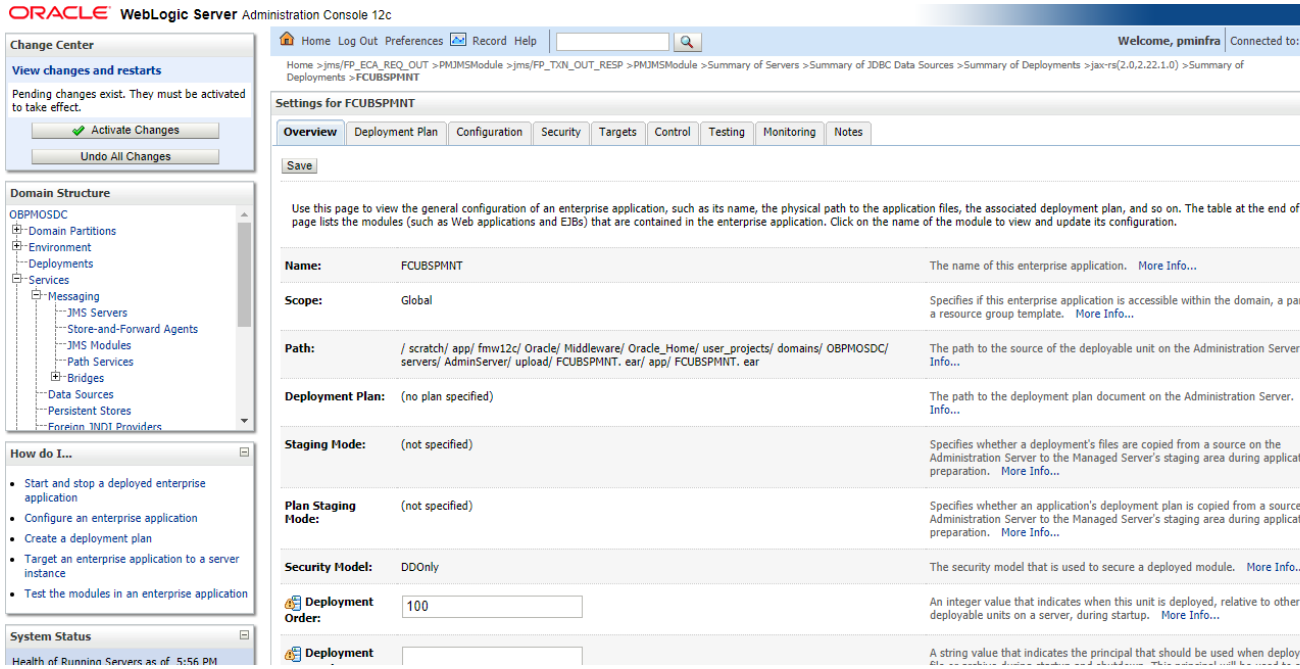


17. Check whether the deployment location is accessible or not.

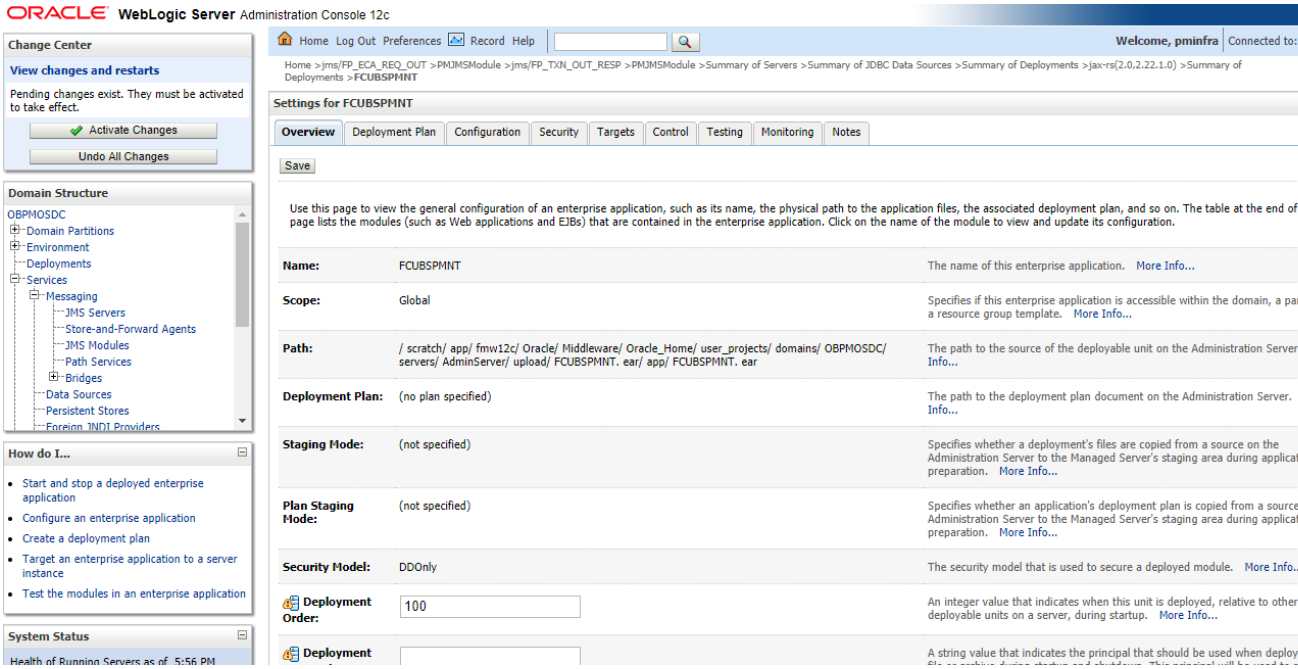
The following screen is displayed.



18. Click ‘Finish’ button. The following screen is displayed.

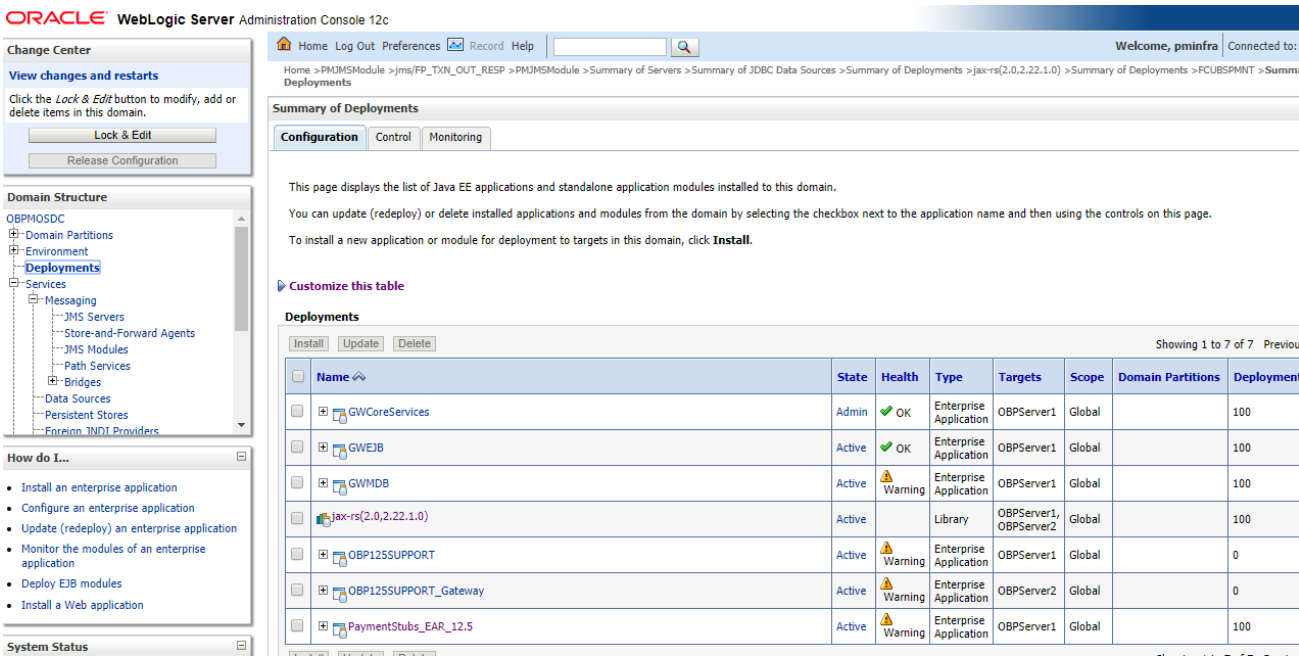


19. Click ‘Save’ button. The message ‘Settings updated successfully’ is displayed.

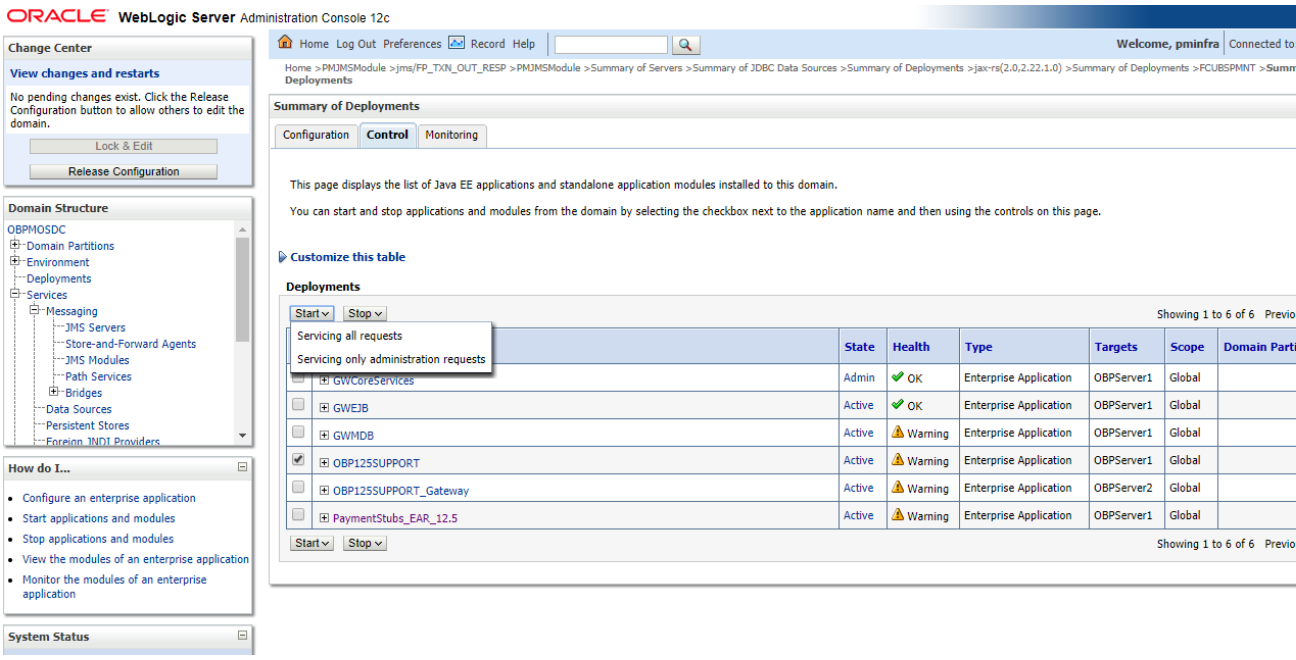


20. Click ‘Activate Changes’ button on the left pane. The message ‘All the changes have been activated. No restarts are necessary’ is displayed.

    The screen is given below:

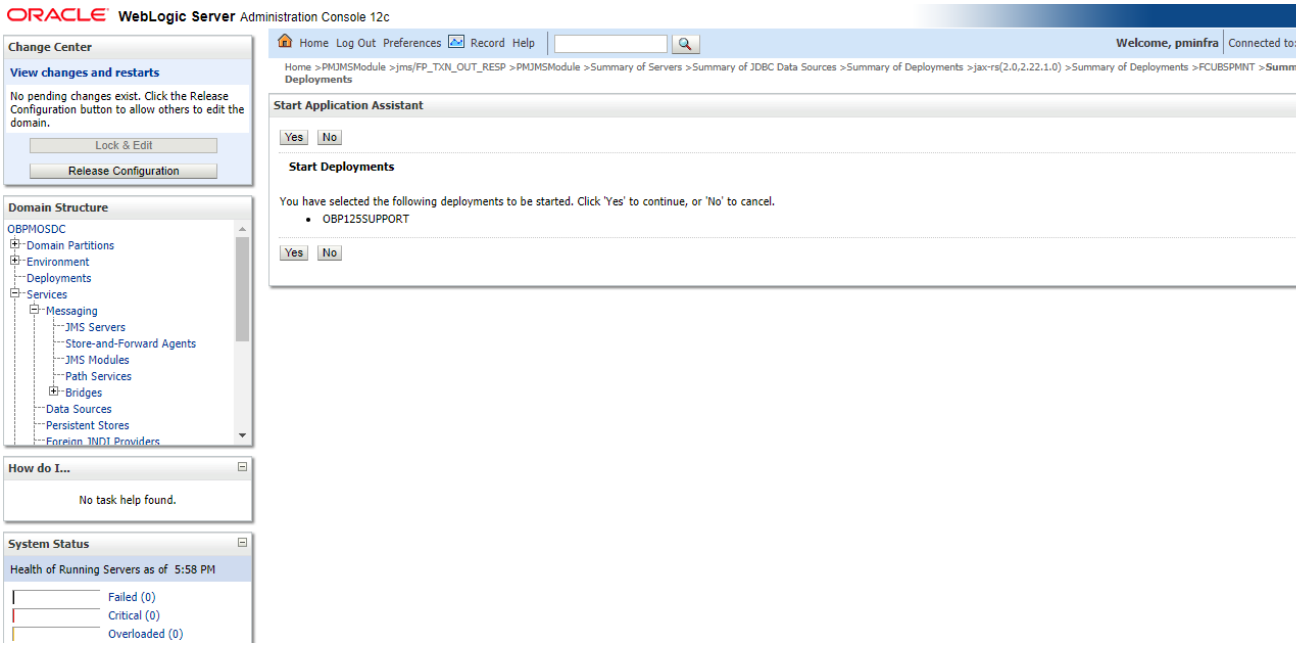


Click ‘Deployment’ on the left pane. Switch to Control tab .The following screen is displayed.

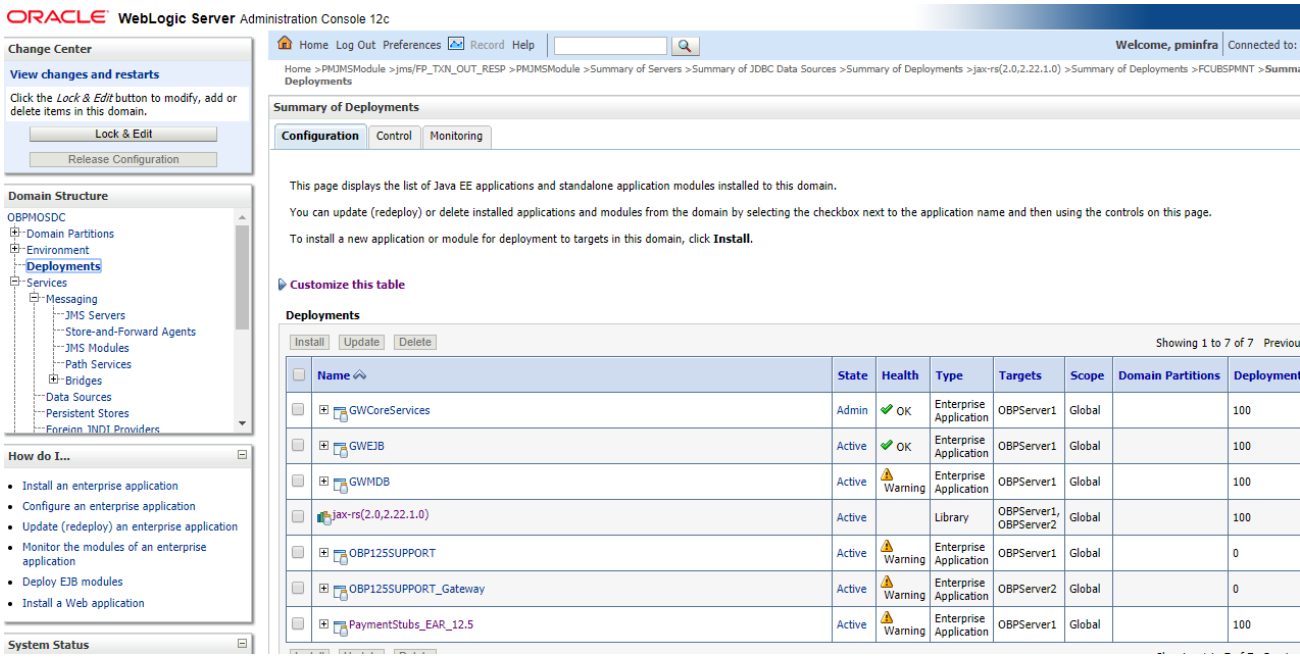


21. Click ‘Start’ drop-down button and select ‘Servicing all requests’.

22. The following screen is displayed.



23. Click ‘Yes’. The following screen is displayed.

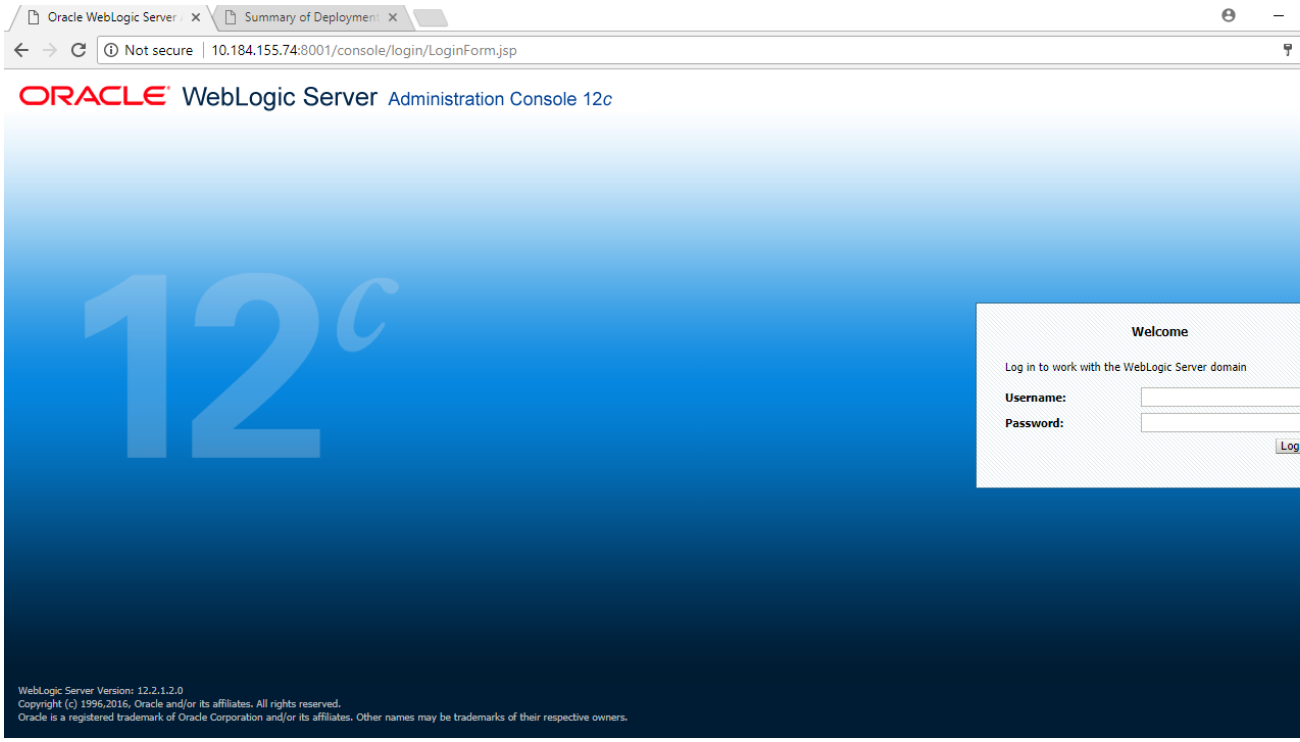


This completes the deployment process.

1.3.3 Deploying Gateway/Scheduler Applications from WebLogic Administration Console

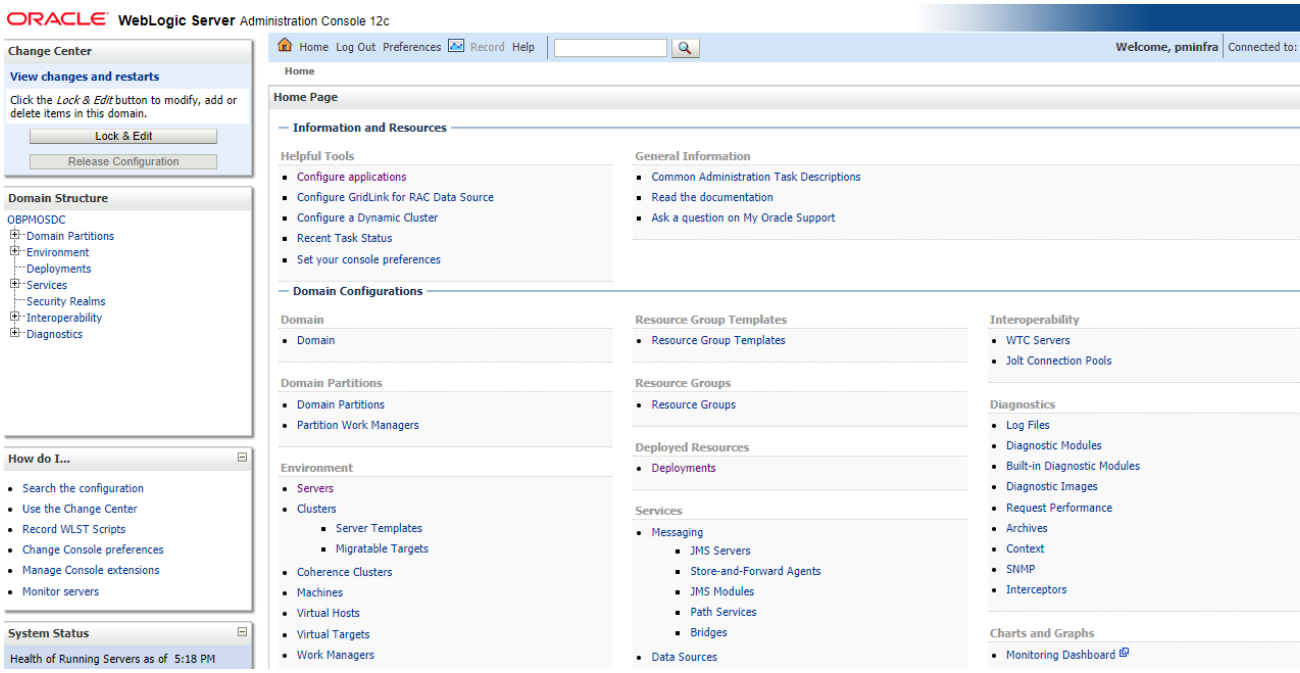
To deploy Oracle Banking Gateway/Scheduler Application from Oracle WebLogic administration console, follow the steps given below.

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:



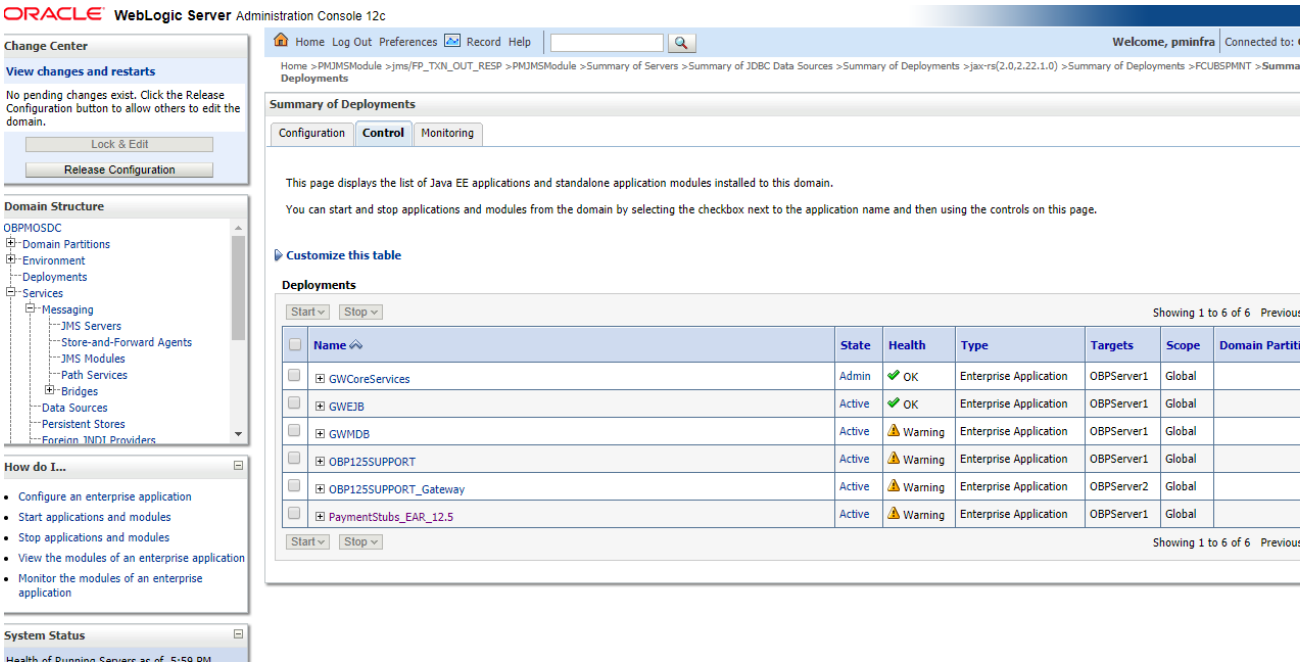
3. Specify the WebLogic administrator user name and password. Click ‘Log In’.

The following screen is displayed:

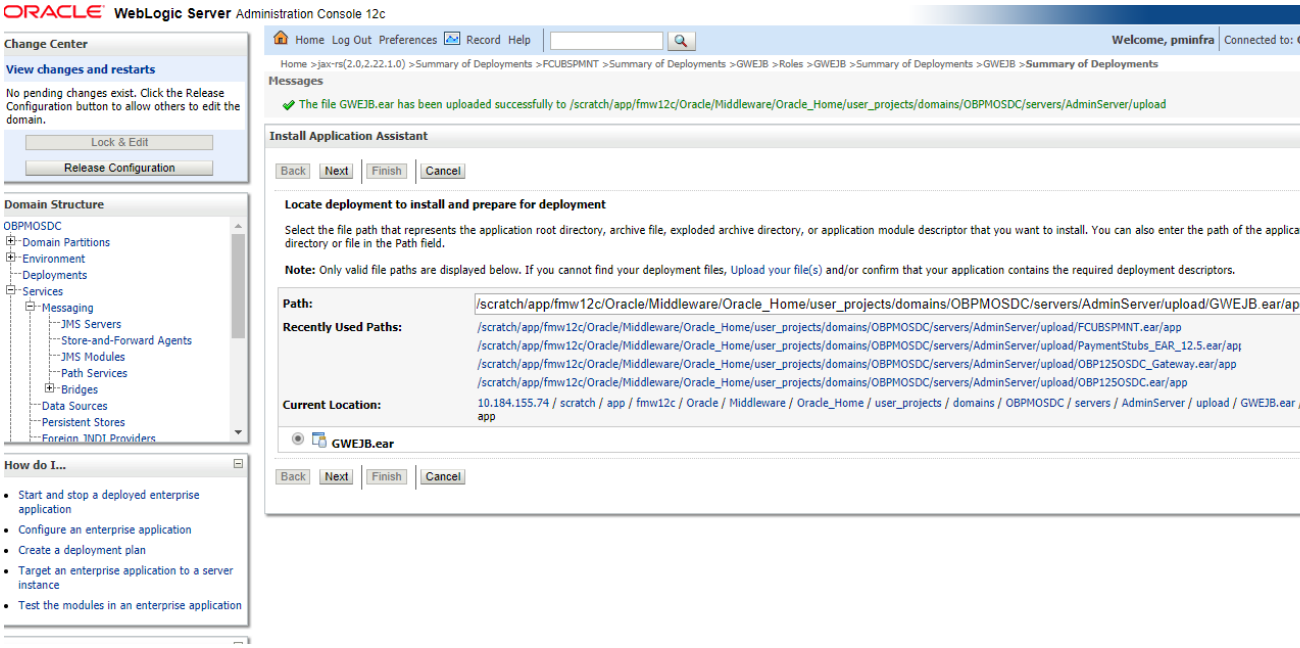


4. You need to deploy an EAR. For e.g. ‘GWEJB.ear’. Go to ‘Deployment’.

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

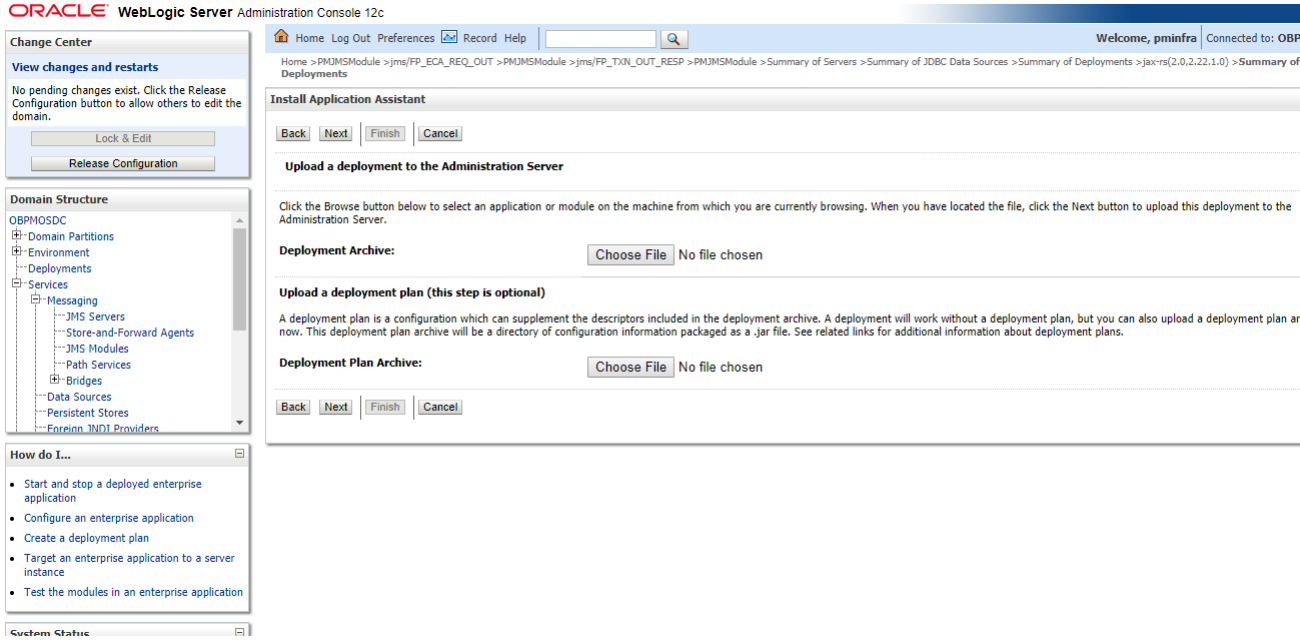


5. Click ‘Install’ button. The following screen is displayed:



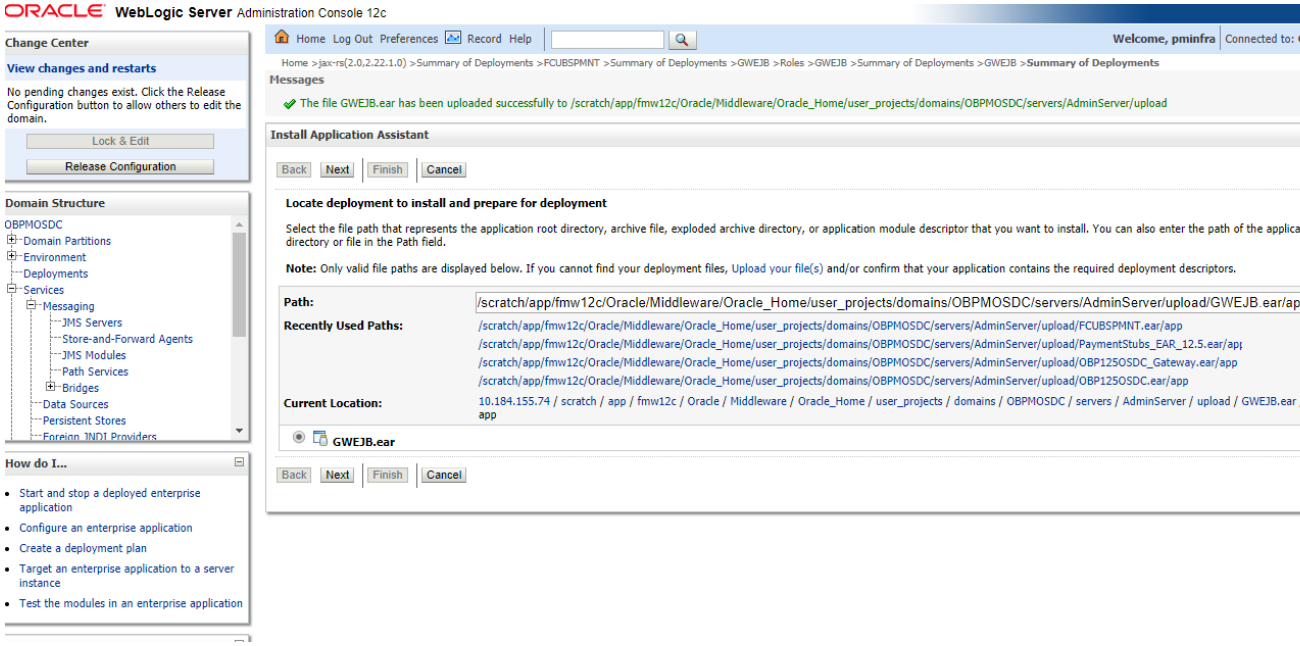
6. In order to specify the path/location of the enterprise archive file, click the link ‘upload your file(s)’.

7. Click ‘Next’. The following screen is displayed:



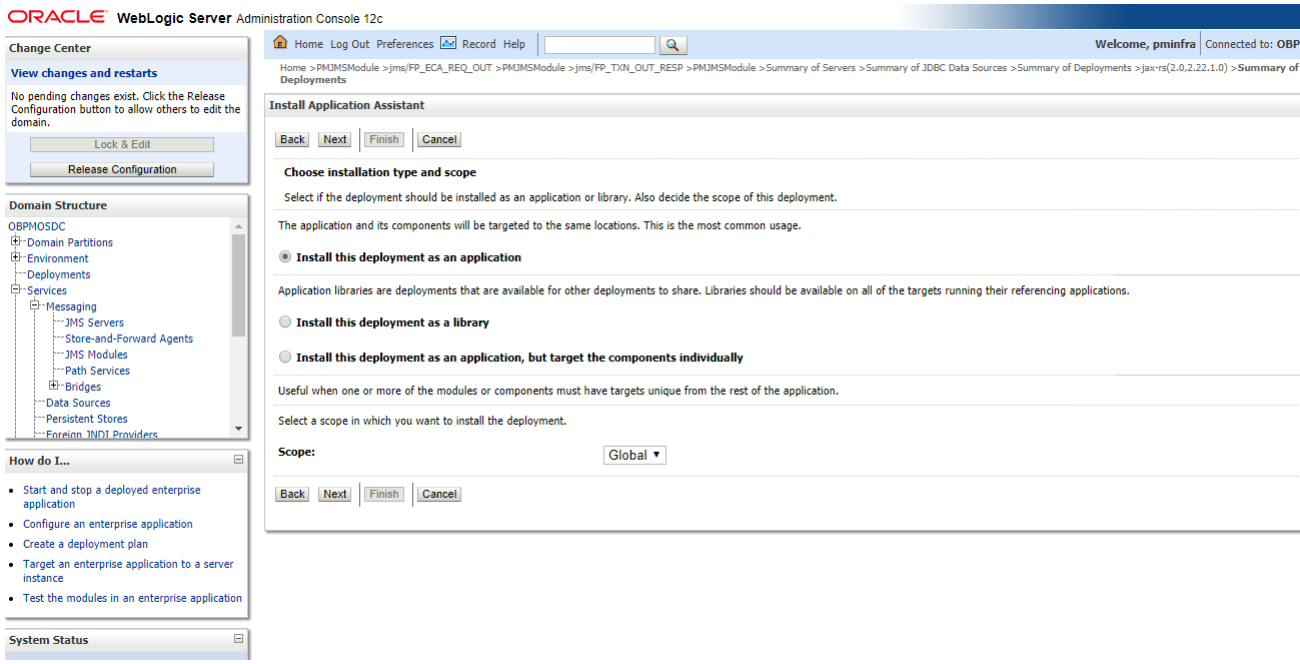
8. Specify the EAR file path. You can use the ‘Browse’ button to locate the file.

9. Click ‘Next’. The following screen is displayed.



10. Select the application from the list.

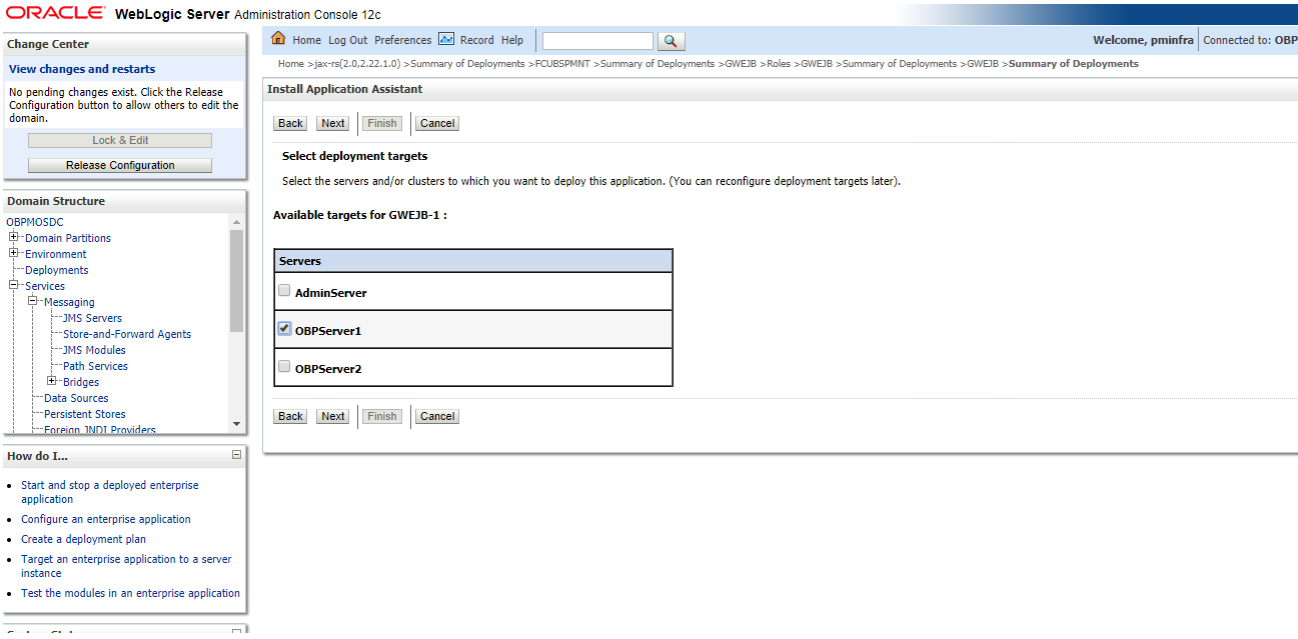
11. Click ‘Next’. Following screen is displayed:



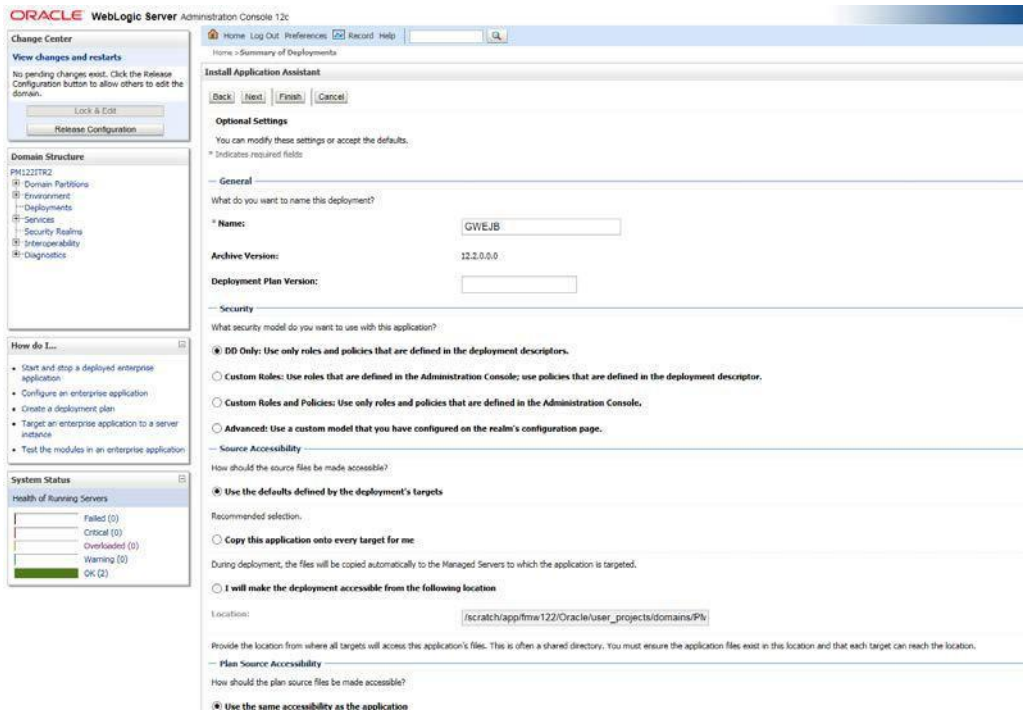
12. Choose the targeting style ‘Install this deployment as an application’.

13. Click ‘Next’.

The following screen is displayed

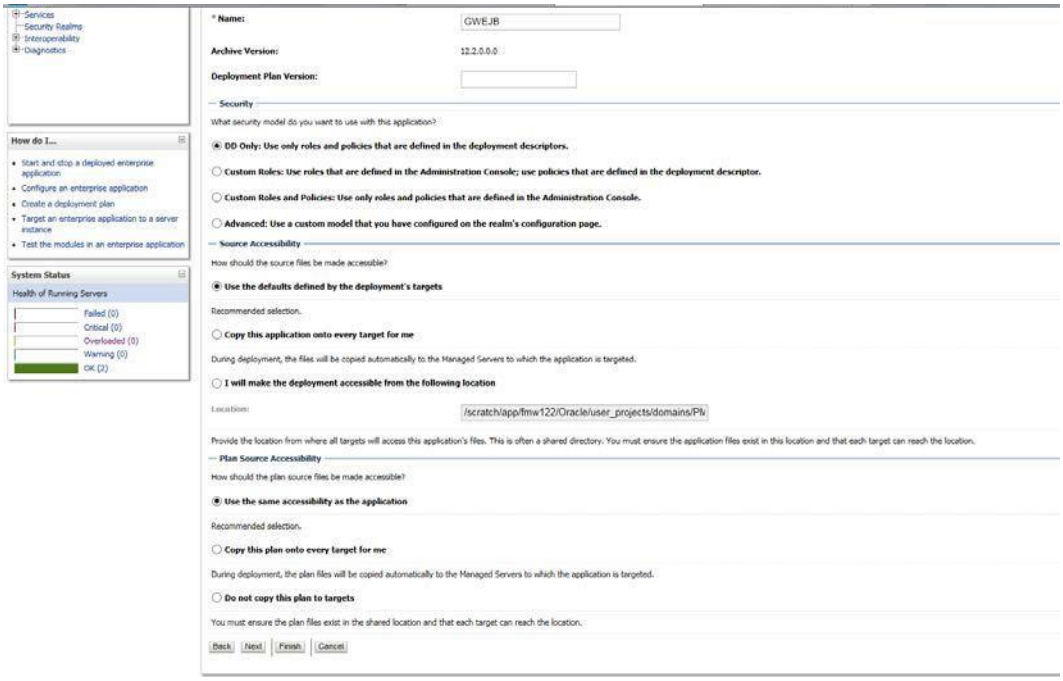


14. Select the target of the application. You can choose the server ‘AdminServer’ or ‘Managed Server(s)’.
15. Click ‘Next’. The following screen is displayed.



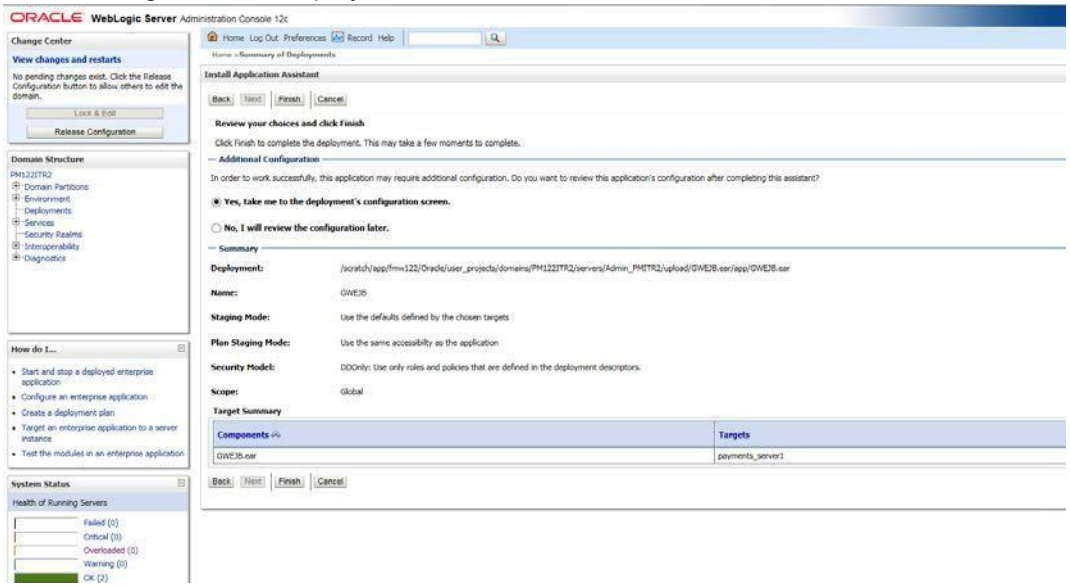
16. Check the deployment name.

The remaining portion of the screen is shown below:

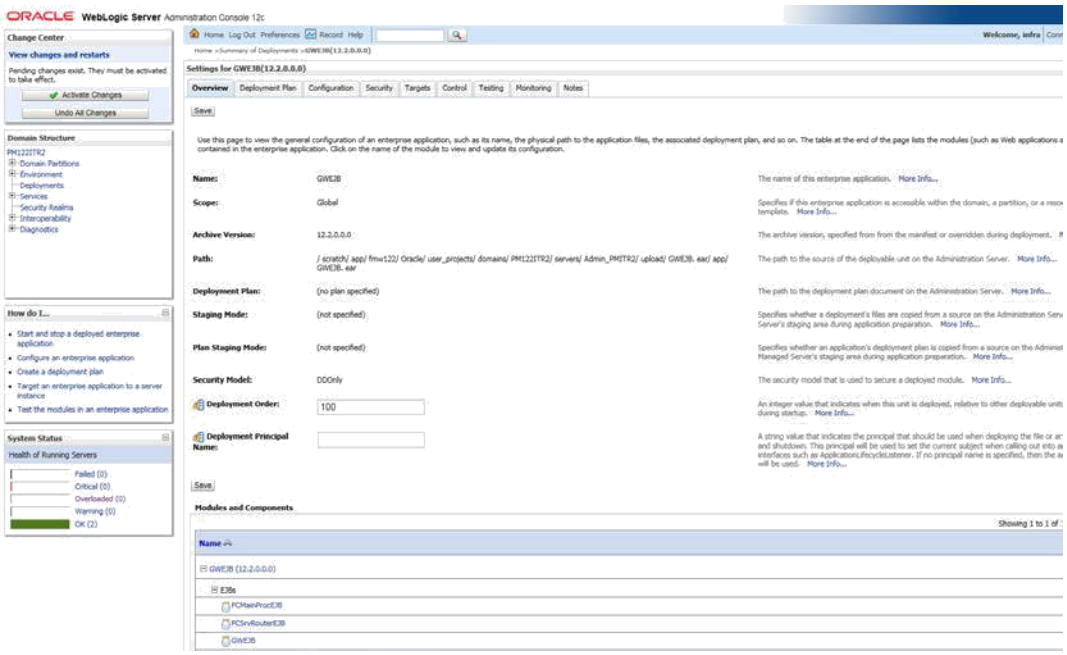


17. Check whether the deployment location is accessible or not.

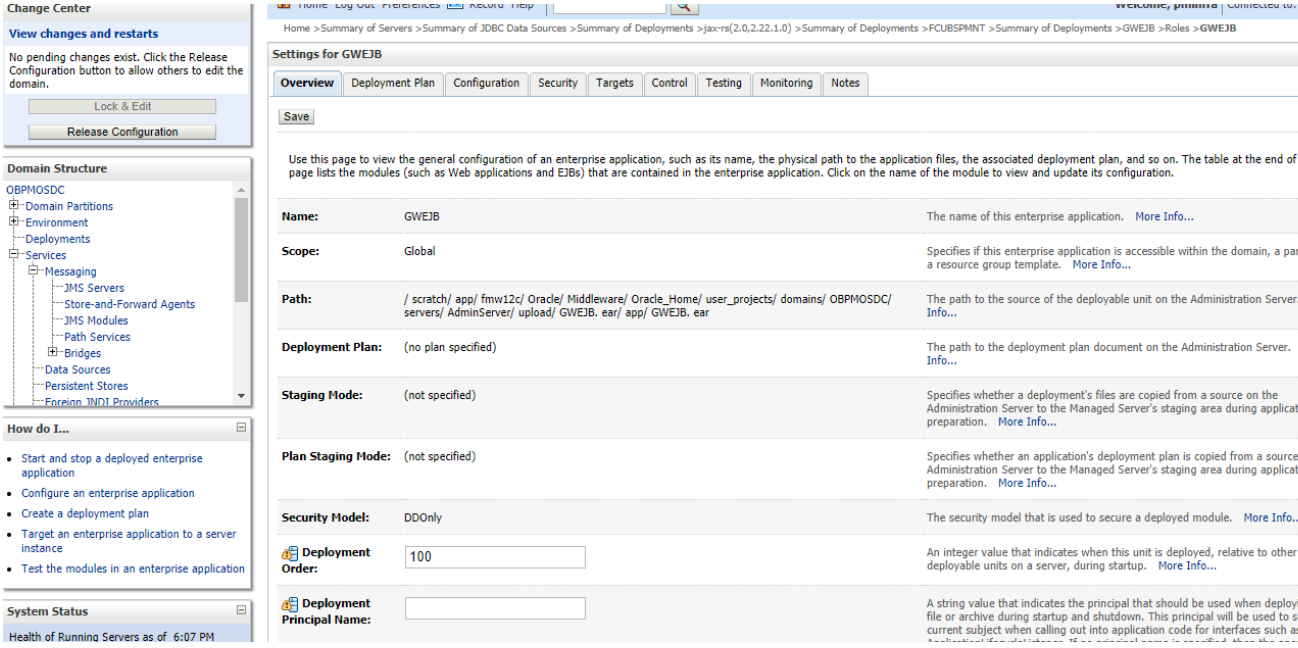
The following screen is displayed.



18. Click ‘Finish’ button. The following screen is displayed.

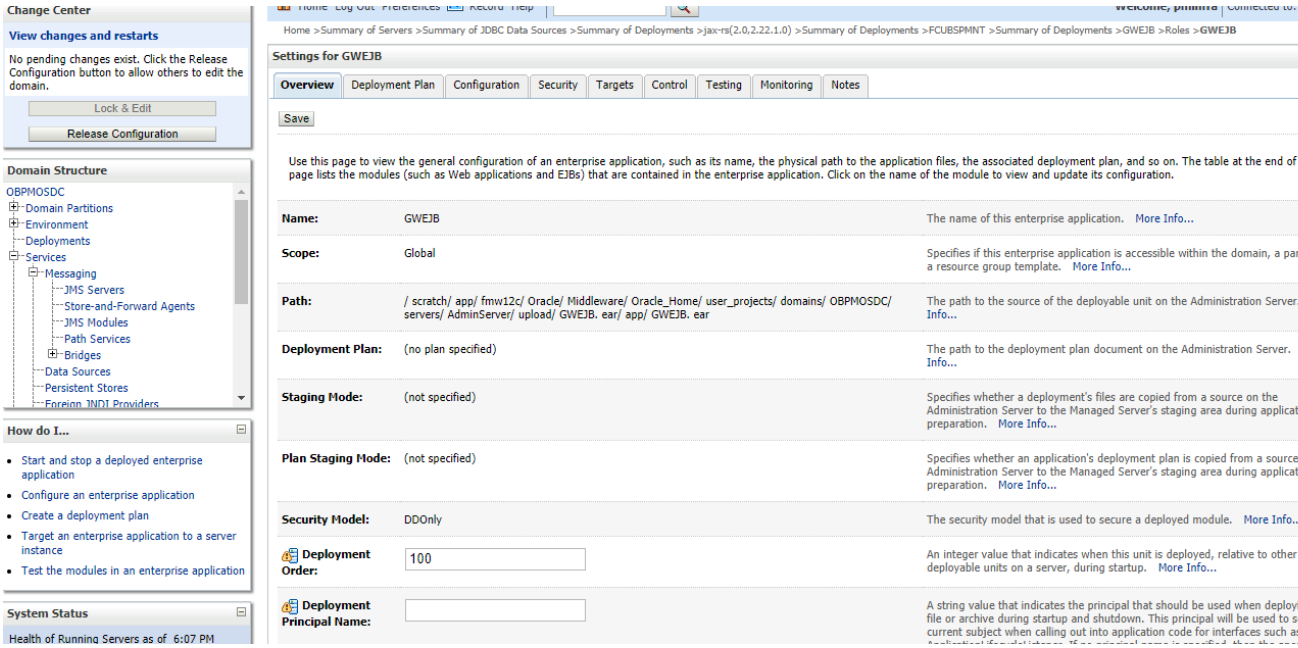


19. Click ‘Save’ button. The message ‘Settings updated successfully’ is displayed.

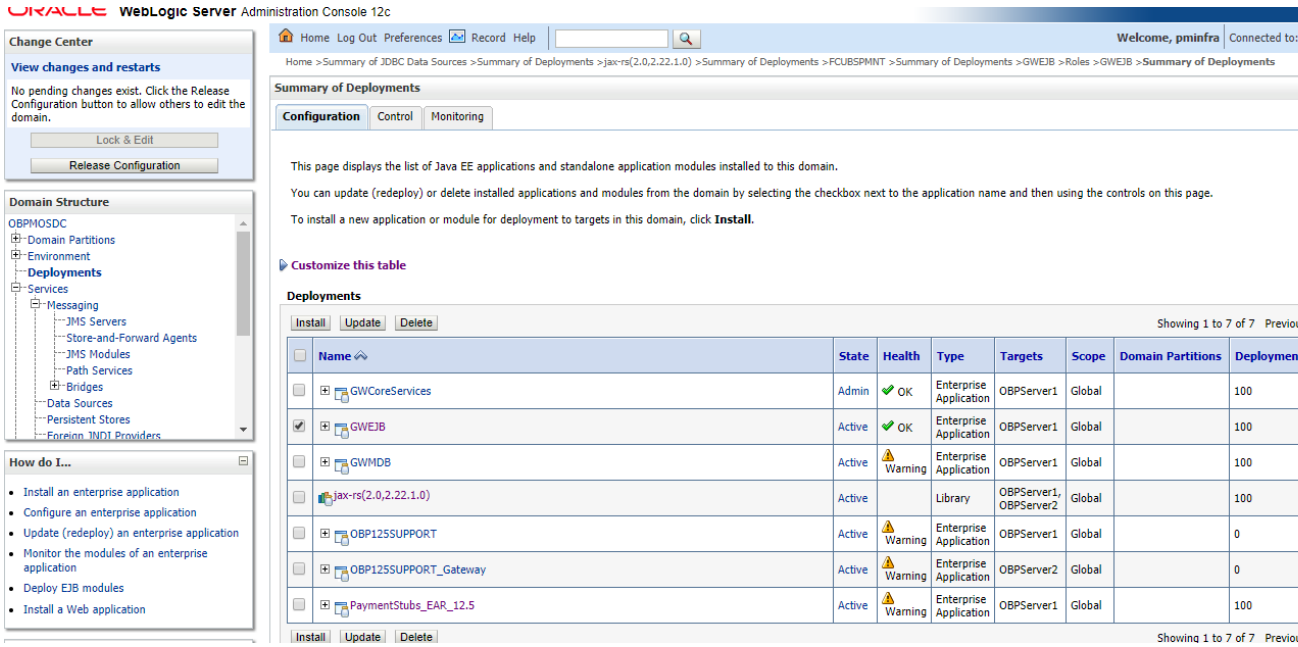


20. Click ‘Activate Changes’ button on the left pane. The message ‘All the changes have been activated. No restarts are necessary’ is displayed.

The screen is given below:

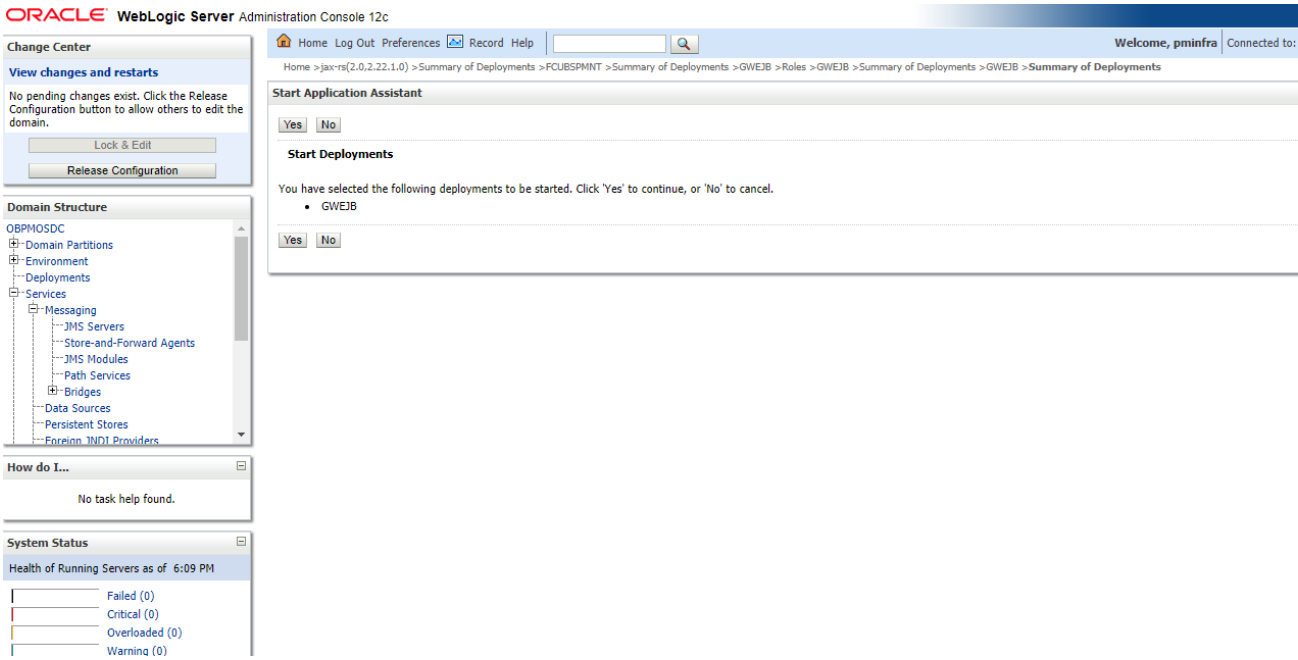


Click ‘Deployment’ on the left pane. Switch to Control tab. The following screen is displayed.

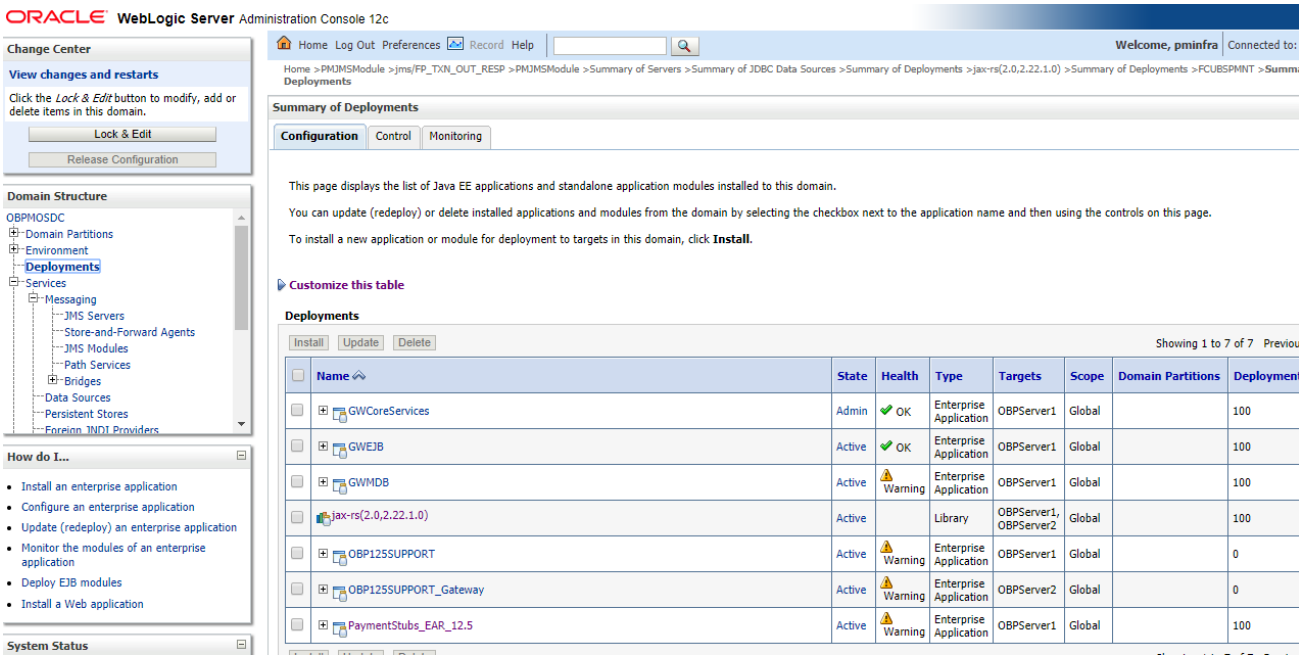


21. Click ‘Start’ drop-down button and select ‘Servicing all requests’.

22. The following screen is displayed.



23. Click ‘Yes’. The following screen is displayed.



This completes the deployment process.

Oracle Banking Payments WebLogic Deployment
[May] [2019]
Version 14.3.0.0.0

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