

WebLogic Deployment
Oracle Banking Payments
Release 14.5.4.0.0
[April][2022]



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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

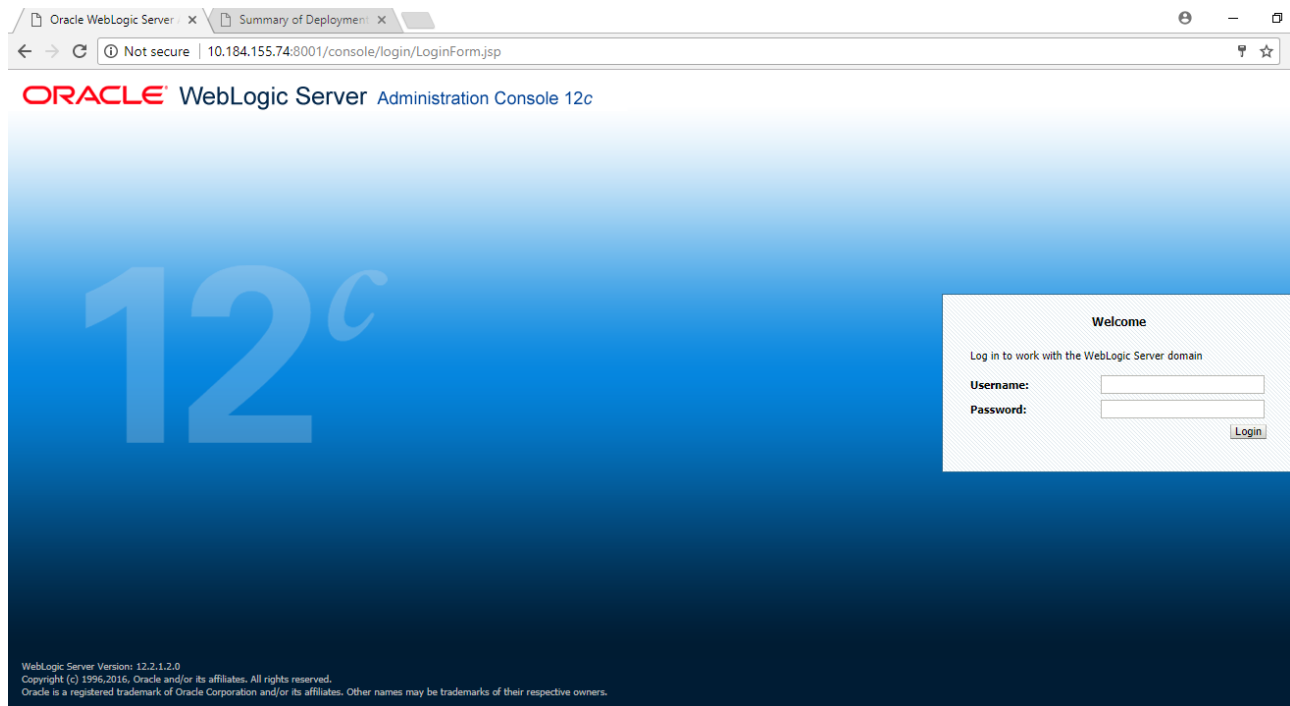
This section explains the method of deploying Oracle Banking Application Oracle WebLogic application server.

1.3.1 Deploying Dependency Library “Jersey-bundle”

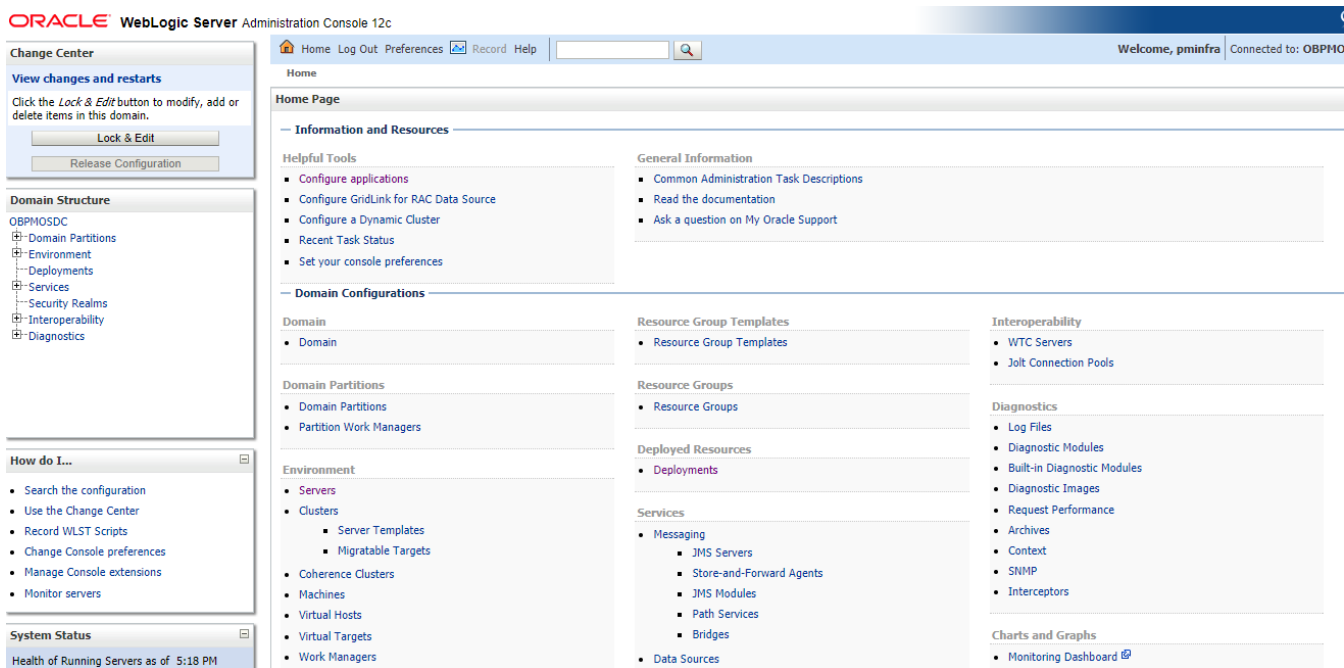
This library must be installed before deploying FCUBSApp.ear. Follow the below steps

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`

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

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
☐ OBP125SUPPORT	Active	Warning	Enterprise Application	OBPServer1	Global		0
☐ OBP125SUPPORT_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

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
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 - Store-and-Forward Agents
 - 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:

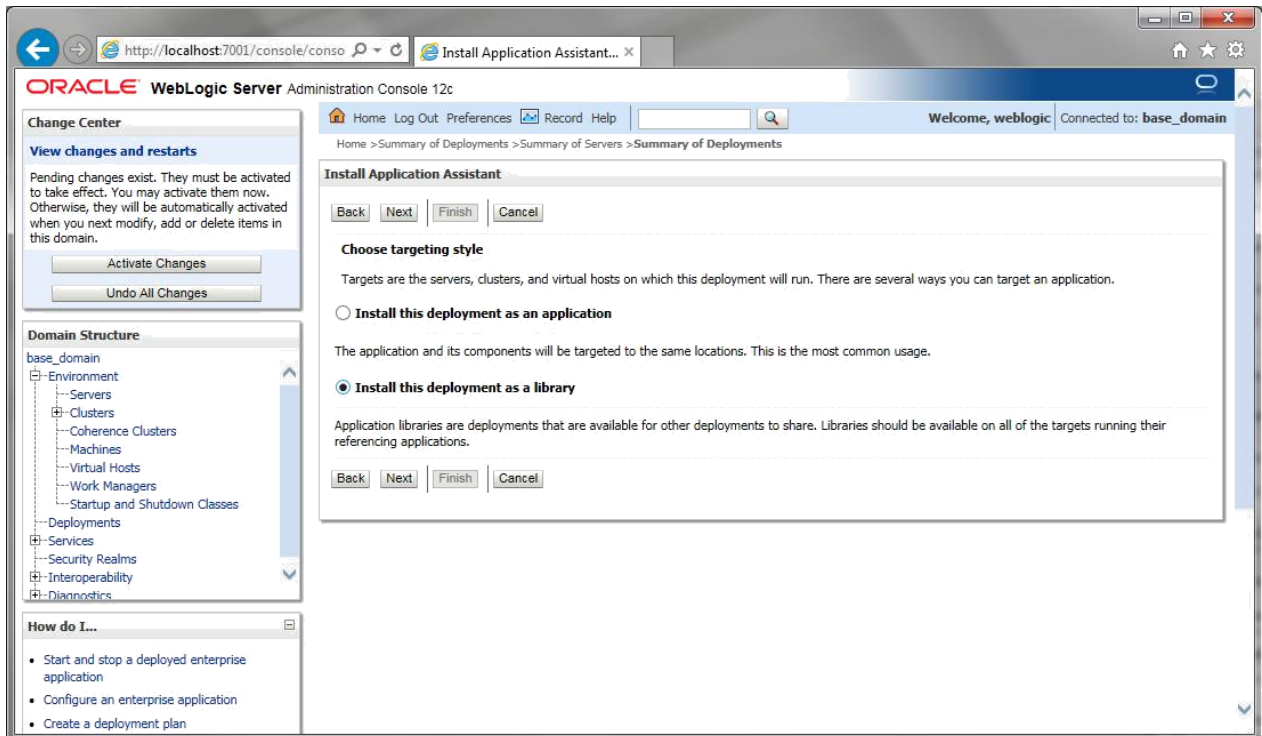
- /scratch/app/fmw12c/Oracle/Middleware/Oracle_Home/user_projects/domains/OBPMOSDC/servers/AdminServer/upload/PaymentStubs_EAR_12.5.ear/app
- /scratch/app/fmw12c/Oracle/Middleware/Oracle_Home/user_projects/domains/OBPMOSDC/servers/AdminServer/upload/OBP125OSDC_Gateway.ear/app
- /scratch/app/fmw12c/Oracle/Middleware/Oracle_Home/user_projects/domains/OBPMOSDC/servers/AdminServer/upload/OBP125OSDC.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

Navigate and select jersey bundle under the path “wlsserver\common\deployable-libraries\jersey-bundle-x.x.war”



Select “install this deployment as library” and click next

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, pminfra Connected to: OBPMOSD

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...
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
Health of Running Servers as of: Fri Dec 01

Install Application Assistant
Back Next Finish Cancel

Optional Settings
You can modify these settings or accept the defaults.
* Indicates required fields

General
What do you want to name this deployment?
* Name: jax-rs
Specification Version: 2.0
Implementation Version: 2.22.1.0

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 roles 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

Click finish button

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
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 - Deployments**
 - Services
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 - JMS Modules
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 - 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

Health of Running Servers as of 5:47 PM

Failed (0)
Critical (0)

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

Name	State	Health	Type	Targets	Scope	Domain Partitions	Deployment Order
☐ GWCoreServices	Admin	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

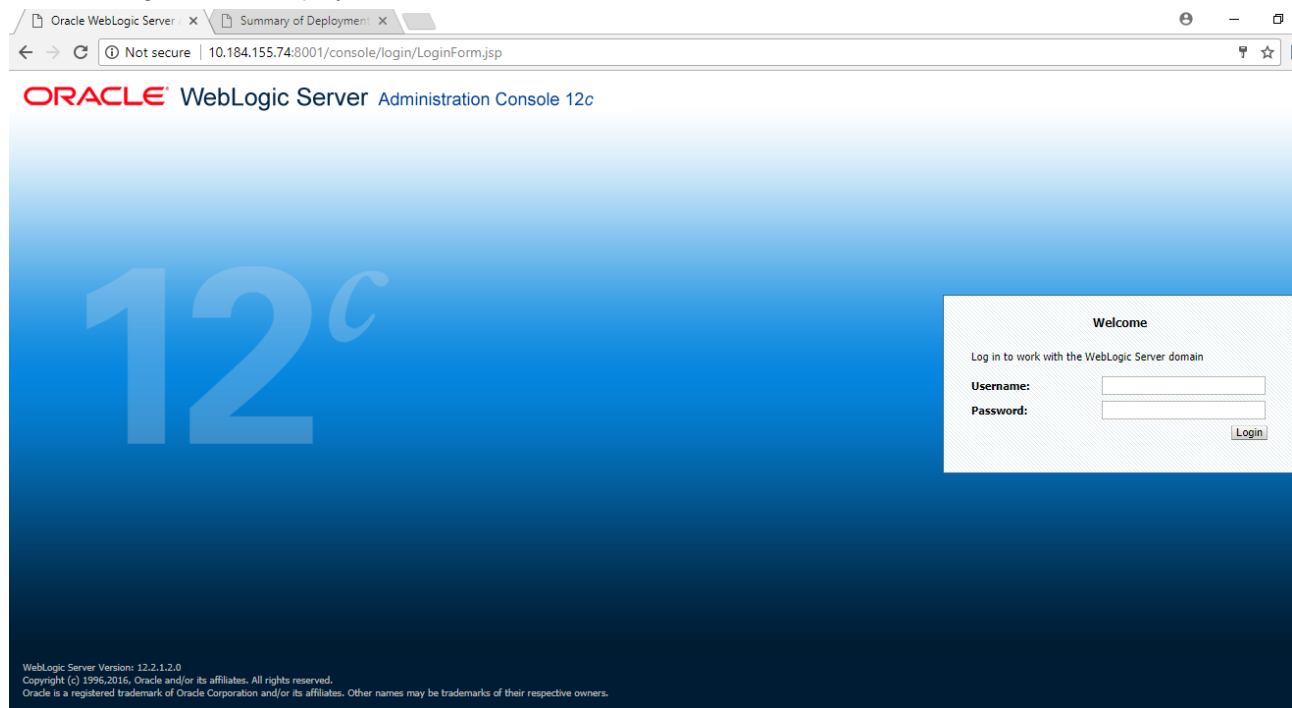
This library must appear in the deployment with Type column as “Library”

1.3.2 Deploying FCUBS Application from WebLogic Administration Console

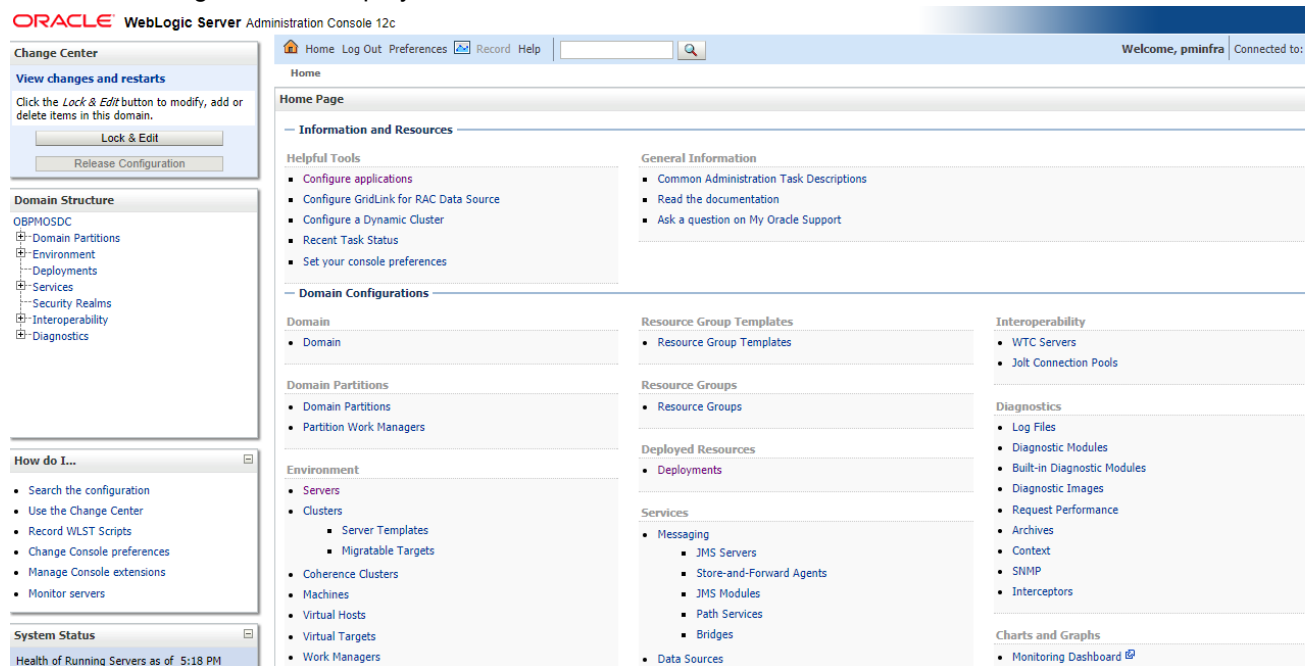
To deploy Oracle Banking Application from Oracle WebLogic administration console, follow the steps given below.

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:

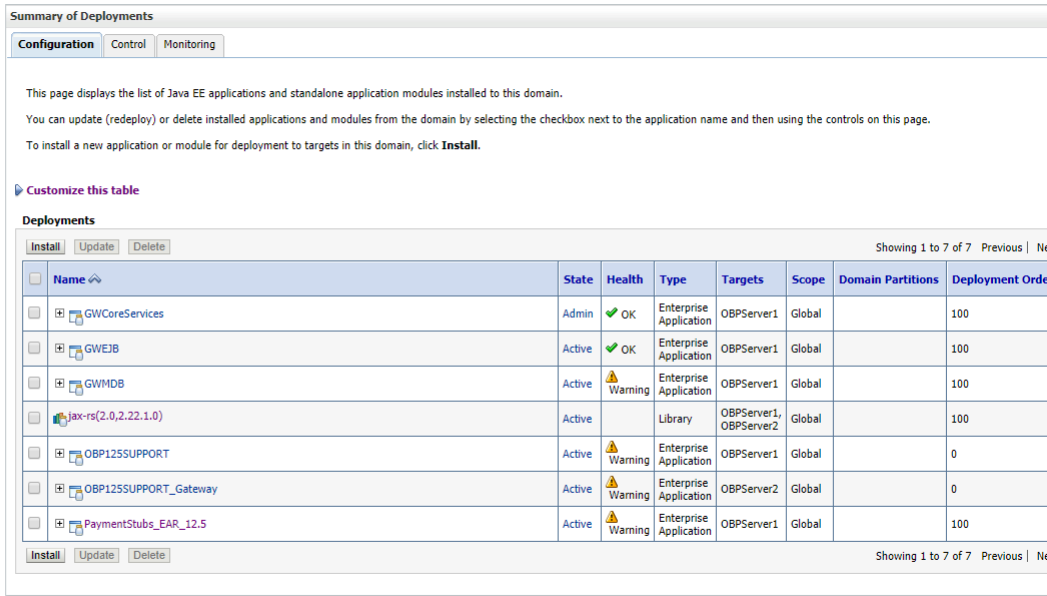
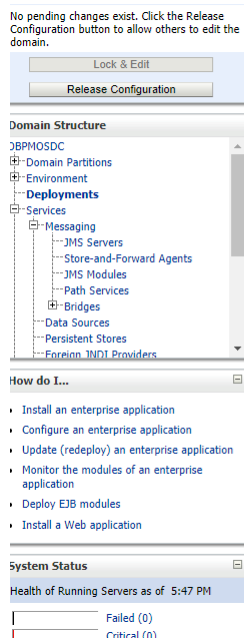


3. Specify the WebLogic administrator user name and password. Click 'Log In'. The following screen is displayed:

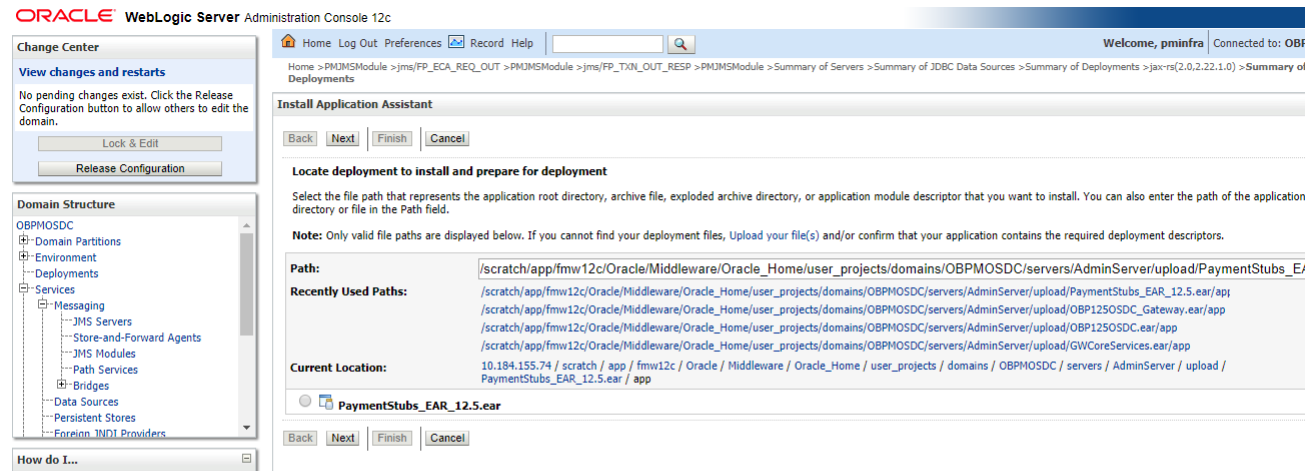


4. You need to deploy an EAR. For e.g. 'FCUBSApp.ear'. Go to 'Deployment'.

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

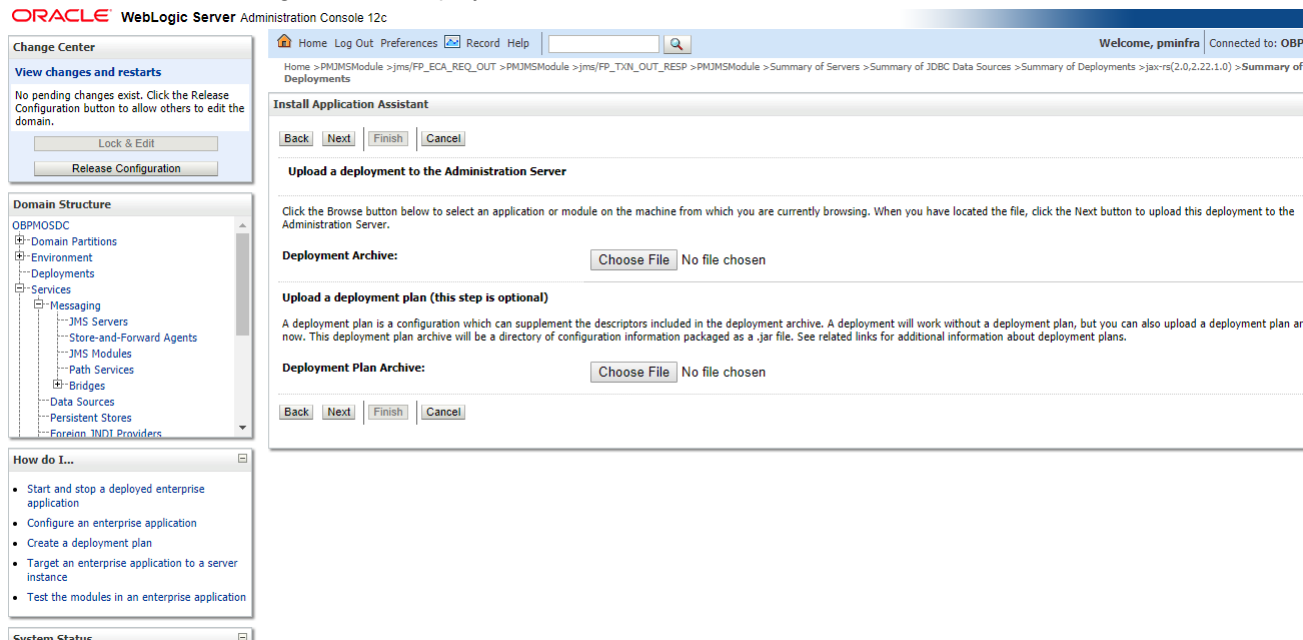


5. Click 'Install' button. The following screen is displayed:



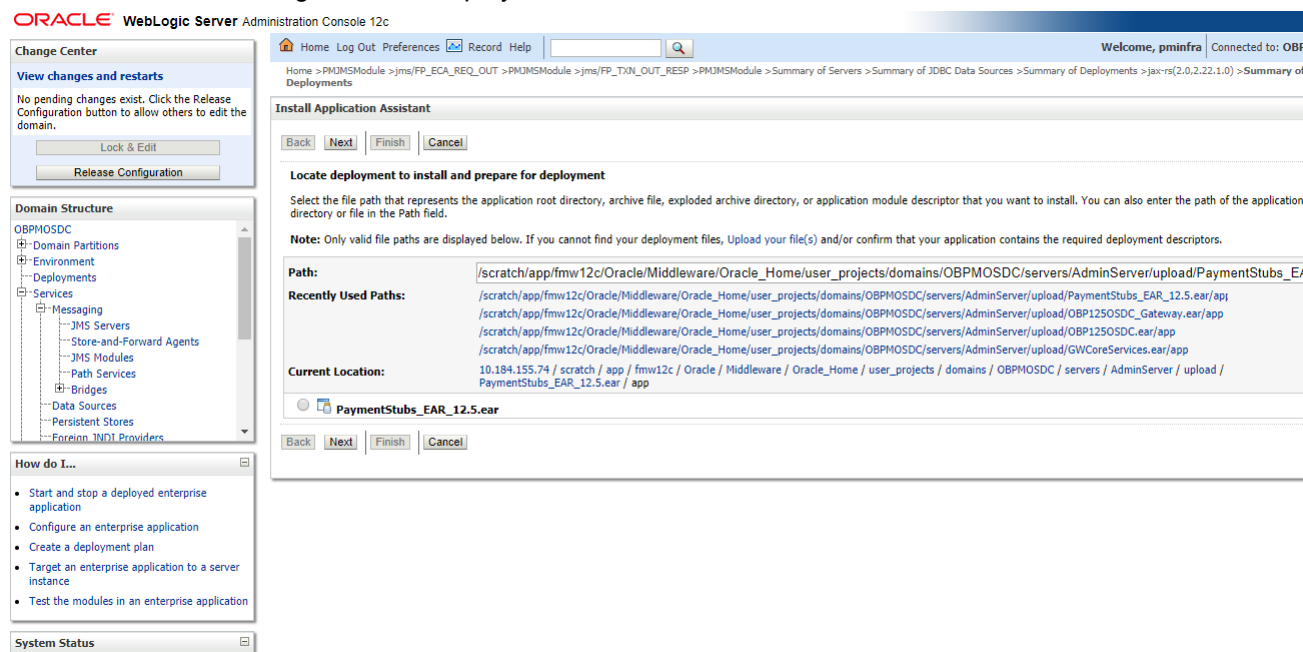
6. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.

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



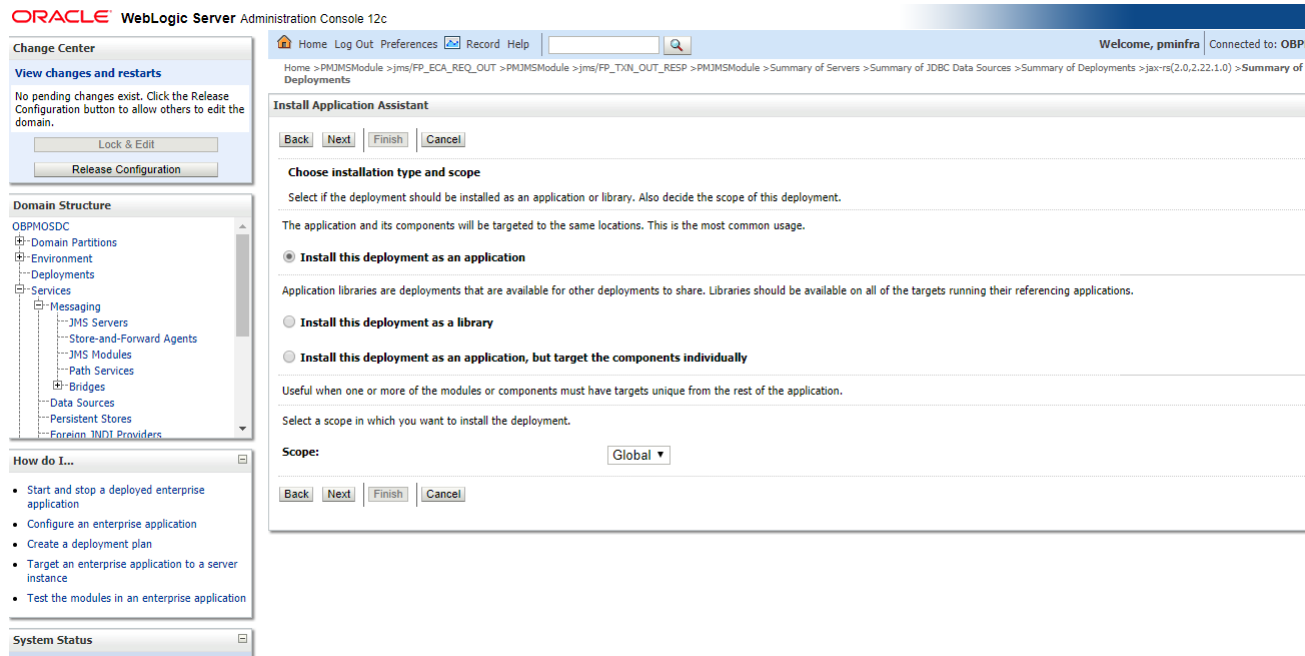
8. Specify the EAR file path. You can use the 'Browse' button to locate the file.

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



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

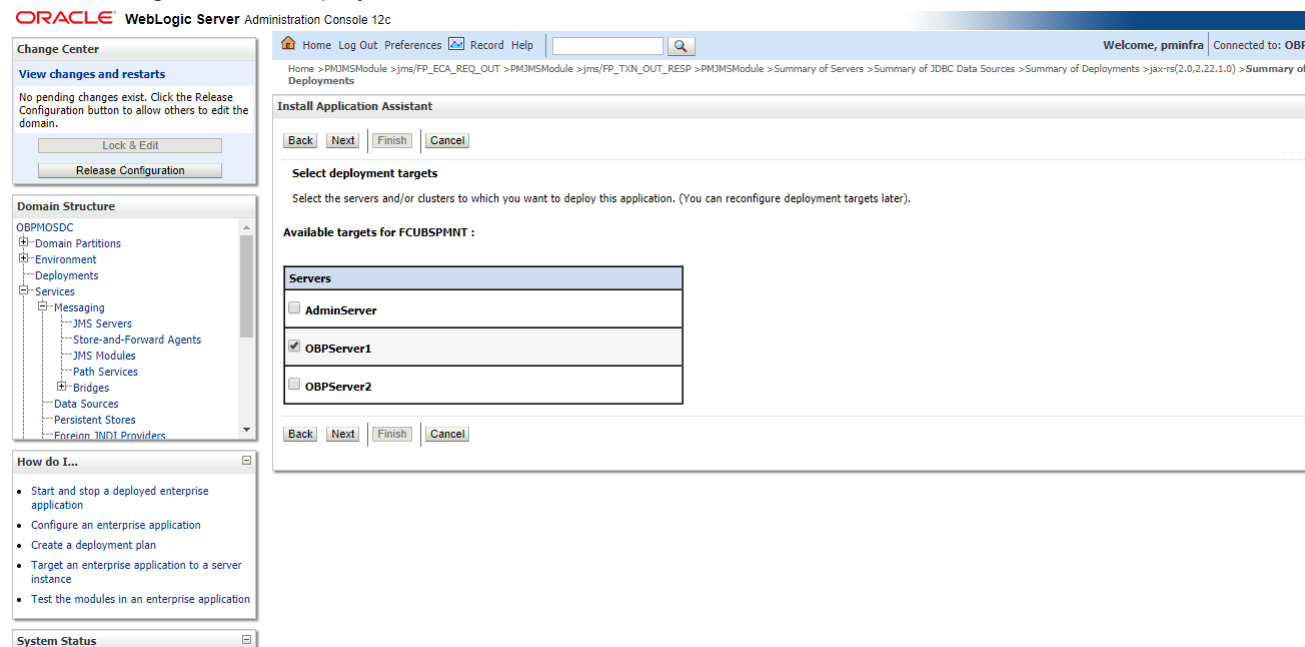
11. Click 'Next'. Following screen is displayed:



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.

ORACLE® WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

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

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...

- 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

Install Application Assistant

Back Next Finish Cancel

Review your choices and click Finish

Click Finish to complete the deployment. This may take a few moments to complete.

Additional Configuration

In order to work successfully, this application may require additional configuration. Do you want to review this application's configuration after completing this assistant?

☒ Yes, take me to the deployment's configuration screen.

☐ No, I will review the configuration later.

Summary

Deployment: /scratch/app/fmw12c/Oracle/Middleware/Oracle_Home/user_projects/domains/OBPMOSDC/servers/AdminServer/upload/FCUBSPMNT.ear/app/FCUBSPMNT

Name: FCUBSPMNT

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

Target Summary

Components	Targets
------------	---------

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

ORACLE® WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, pminfra Connected to: PMJMSModule

Home > jms/FP_ECA_REQ_OUT > PMJMSModule > jms/FP_TXN_OUT_RESP > PMJMSModule > Summary of Servers > Summary of JDBC Data Sources > Summary of Deployments > FCUBSPMNT

Change Center

View changes and restarts

Pending changes exist. They must be activated to take effect.

Activate Changes

Undo All Changes

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...

- 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

Health of Running Servers as of 5:56 PM

Settings for FCUBSPMNT

Overview Deployment Plan Configuration Security Targets Control Testing Monitoring Notes

Save

Use this page to view the general configuration of an enterprise application, such as its name, the physical path to the application files, the associated deployment plan, and so on. The table at the end of this page lists the modules (such as Web applications and EJBs) that are contained in the enterprise application. Click on the name of the module to view and update its configuration.

Name:	FCUBSPMNT	The name of this enterprise application. More Info...
Scope:	Global	Specifies if this enterprise application is accessible within the domain, as a resource group template. More Info...
Path:	/scratch/app/fmw12c/Oracle/Middleware/Oracle_Home/user_projects/domains/OBPMOSDC/servers/AdminServer/upload/FCUBSPMNT.ear/app/FCUBSPMNT.ear	The path to the source of the deployable unit on the Administration Server. More Info...
Deployment Plan:	(no plan specified)	The path to the deployment plan document on the Administration Server. More Info...
Staging Mode:	(not specified)	Specifies whether a deployment's files are copied from a source on the Administration Server to the Managed Server's staging area during application preparation. More Info...
Plan Staging Mode:	(not specified)	Specifies whether an application's deployment plan is copied from a source on the Administration Server to the Managed Server's staging area during application preparation. More Info...
Security Model:	DDOnly	The security model that is used to secure a deployed module. More Info...
Deployment Order:	100	An integer value that indicates when this unit is deployed, relative to other deployable units on a server, during startup. More Info...
Deployment:		A string value that indicates the principal that should be used when deploying the application. More Info...

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

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, pminfra Connected to: OBPMOSDC

Home > 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 > FCUBSPMNT

Settings for FCUBSPMNT

Overview Deployment Plan Configuration Security Targets Control Testing Monitoring Notes

Save

Use this page to view the general configuration of an enterprise application, such as its name, the physical path to the application files, the associated deployment plan, and so on. The table at the end of the page lists the modules (such as Web applications and EJBs) that are contained in the enterprise application. Click on the name of the module to view and update its configuration.

Name:	FCUBSPMNT	The name of this enterprise application. More Info...
Scope:	Global	Specifies if this enterprise application is accessible within the domain, as a resource group template. More Info...
Path:	/ scratch/ app/ fmw12c/ Oracle/ Middleware/ Oracle_Home/ user_projects/ domains/ OBPMOSDC/ servers/ AdminServer/ upload/ FCUBSPMNT. ear/ app/ FCUBSPMNT. ear	The path to the source of the deployable unit on the Administration Server. More Info...
Deployment Plan:	(no plan specified)	The path to the deployment plan document on the Administration Server. More Info...
Staging Mode:	(not specified)	Specifies whether a deployment's files are copied from a source on the Administration Server to the Managed Server's staging area during application preparation. More Info...
Plan Staging Mode:	(not specified)	Specifies whether an application's deployment plan is copied from a source on the Administration Server to the Managed Server's staging area during application preparation. More Info...
Security Model:	DDOnly	The security model that is used to secure a deployed module. More Info...
Deployment Order:	100	An integer value that indicates when this unit is deployed, relative to other deployable units on a server, during startup. More Info...
Deployment:		A string value that indicates the principal that should be used when deploying the application. More Info...

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:

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, pminfra Connected to: OBPMOSDC

Home > 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 > FCUBSPMNT > 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

Name	State	Health	Type	Targets	Scope	Domain Partitions	Deployment Order
☐ GWCoreServices	Admin	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
☐ OBP125SUPPORT	Active	Warning	Enterprise Application	OBPServer1	Global		0
☐ OBP125SUPPORT_Gateway	Active	Warning	Enterprise Application	OBPServer2	Global		0
☐ PaymentStubs_EAR_12.5	Active	Warning	Enterprise Application	OBPServer1	Global		100

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

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, pminfra Connected to

Home > 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 > FCUBSPMINT > Summ
Deployments

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
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 - JMS Servers
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 - Path Services
 - Bridges
 - Data Sources
 - Persistent Stores
 - Foreign JNDI Providers

How do I...

- Configure an enterprise application
- Start applications and modules
- Stop applications and modules
- View the modules of an enterprise application
- Monitor the modules of an enterprise application

System Status

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 start and stop applications and modules from the domain by selecting the checkbox next to the application name and then using the controls on this page.

Customize this table

Deployments

Start Stop

Showing 1 to 6 of 6 Previous

	State	Health	Type	Targets	Scope	Domain Part
☐ Service all requests	Admin	OK	Enterprise Application	OBPServer1	Global	
☐ Service only administration requests						
☐ GWCoreServices	Active	OK	Enterprise Application	OBPServer1	Global	
☐ GWEJB	Active	Warning	Enterprise Application	OBPServer1	Global	
☐ GWMDB	Active	Warning	Enterprise Application	OBPServer1	Global	
☒ OBP125SUPPORT	Active	Warning	Enterprise Application	OBPServer1	Global	
☐ OBP125SUPPORT_Gateway	Active	Warning	Enterprise Application	OBPServer2	Global	
☐ PaymentStubs_EAR_12.5	Active	Warning	Enterprise Application	OBPServer1	Global	

Start Stop

Showing 1 to 6 of 6 Previous

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

22. The following screen is displayed.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, pminfra Connected to

Home > 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 > FCUBSPMINT > Summ
Deployments

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
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 - JMS Modules
 - Path Services
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 - Data Sources
 - Persistent Stores
 - Foreign JNDI Providers

How do I...

No task help found.

System Status

Health of Running Servers as of 5:58 PM

- Failed (0)
- Critical (0)
- Overloaded (0)

Start Application Assistant

Yes No

Start Deployments

You have selected the following deployments to be started. Click 'Yes' to continue, or 'No' to cancel.

- OBP125SUPPORT

Yes No

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

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, pminfra Connected to:

Home > 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 > FCUBSPMNT > 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

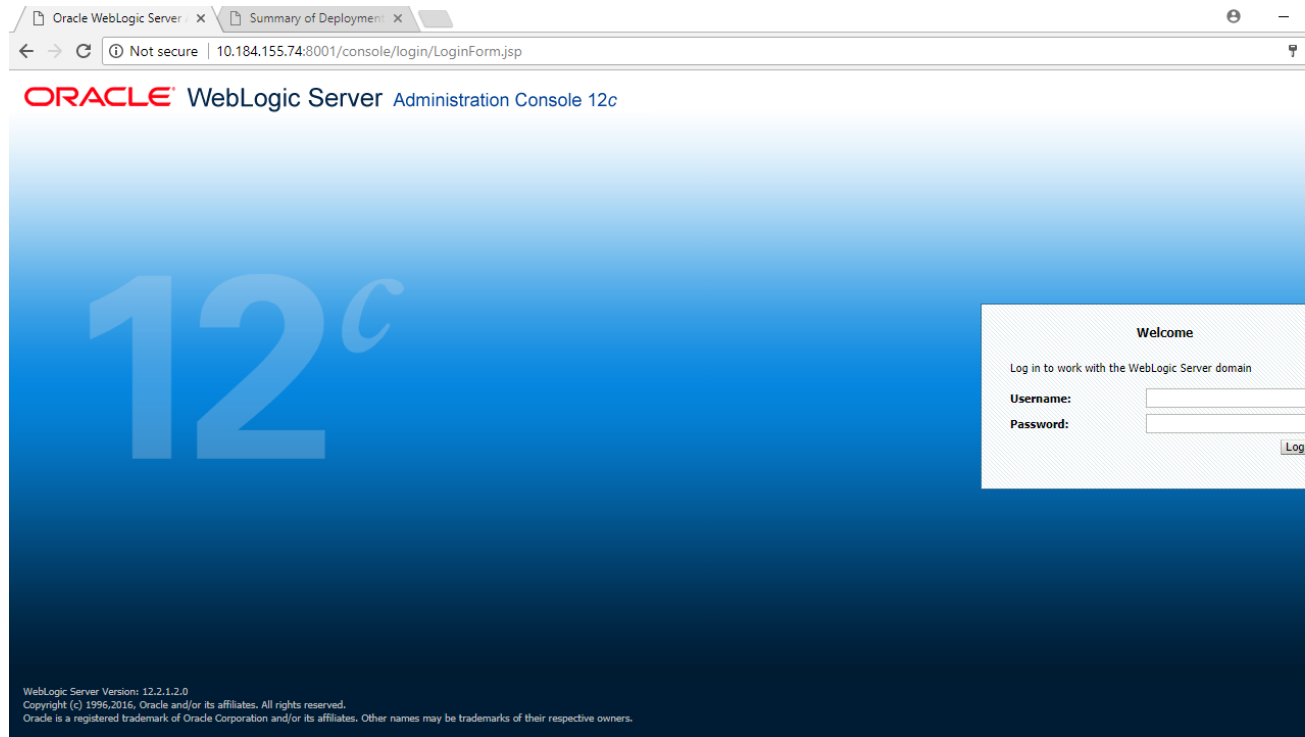
Name	State	Health	Type	Targets	Scope	Domain Partitions	Deployment
☐ GWCoreServices	Admin	OK	Enterprise Application	OBPServer1	Global		100
☐ GWEJB	Active	OK	Enterprise Application	OBPServer1	Global		100
☐ GWMDB	Active	Warning	Enterprise Application	OBPServer1	Global		100
☐ jax-rs(2.0.2.22.1.0)	Active		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

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:

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, pminfra Connected to:

Change Center
View changes and restarts
Click the *Lock & Edit* button to modify, add or delete items in this domain.
Lock & Edit
Release Configuration

Domain Structure
OBPMOSDC
Domain Partitions
Environment
Deployments
Services
Security Realms
Interoperability
Diagnostics

How do I...
Search the configuration
Use the Change Center
Record WLST Scripts
Change Console preferences
Manage Console extensions
Monitor servers

System Status
Health of Running Servers as of 5:18 PM

Home Page
Information and Resources
Helpful Tools
General Information
Domain Configurations
Domain
Domain Partitions
Environment
Resource Group Templates
Resource Groups
Deployed Resources
Services
Interoperability
Diagnostics
Charts and Graphs

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.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, pminfra Connected to:

Home > 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 > FCUBSPMINT > 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 start and stop applications and modules from the domain by selecting the checkbox next to the application name and then using the controls on this page.

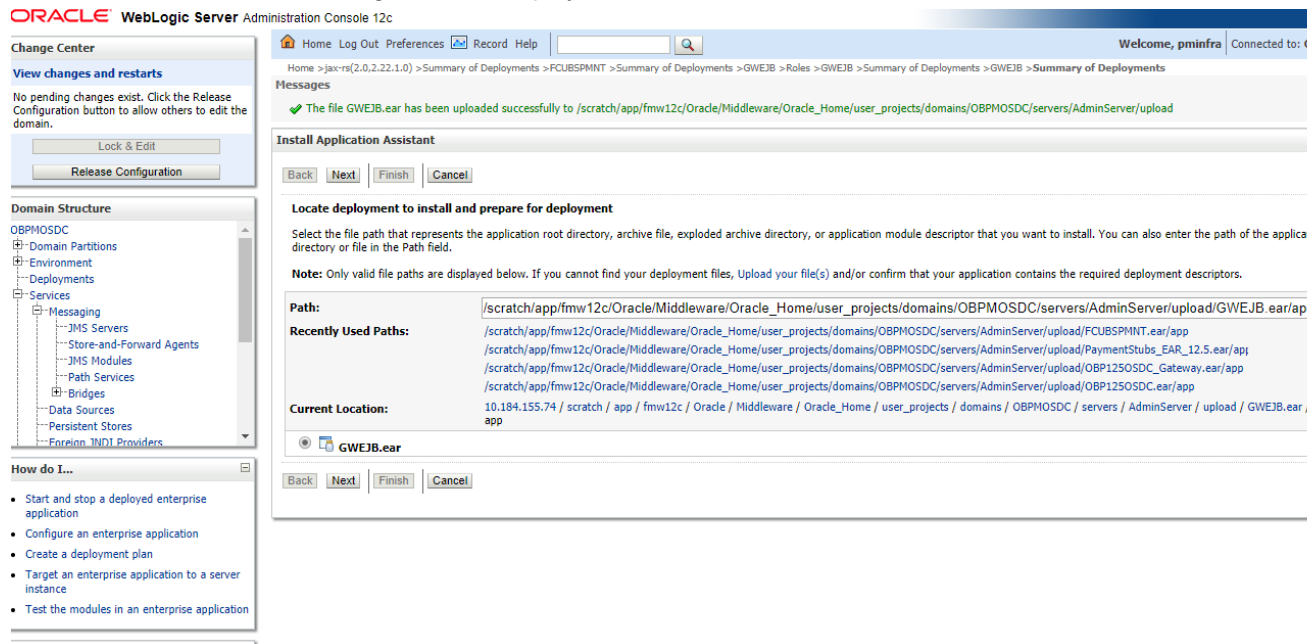
Customize this table

Deployments
Start Stop

Name	State	Health	Type	Targets	Scope	Domain Partitions
GWCoreServices	Admin	OK	Enterprise Application	OBPServer1	Global	
GWEJB	Active	OK	Enterprise Application	OBPServer1	Global	
GWMDB	Active	Warning	Enterprise Application	OBPServer1	Global	
OBP125SUPPORT	Active	Warning	Enterprise Application	OBPServer1	Global	
OBP125SUPPORT_Gateway	Active	Warning	Enterprise Application	OBPServer2	Global	
PaymentStubs_EAR_12.5	Active	Warning	Enterprise Application	OBPServer1	Global	

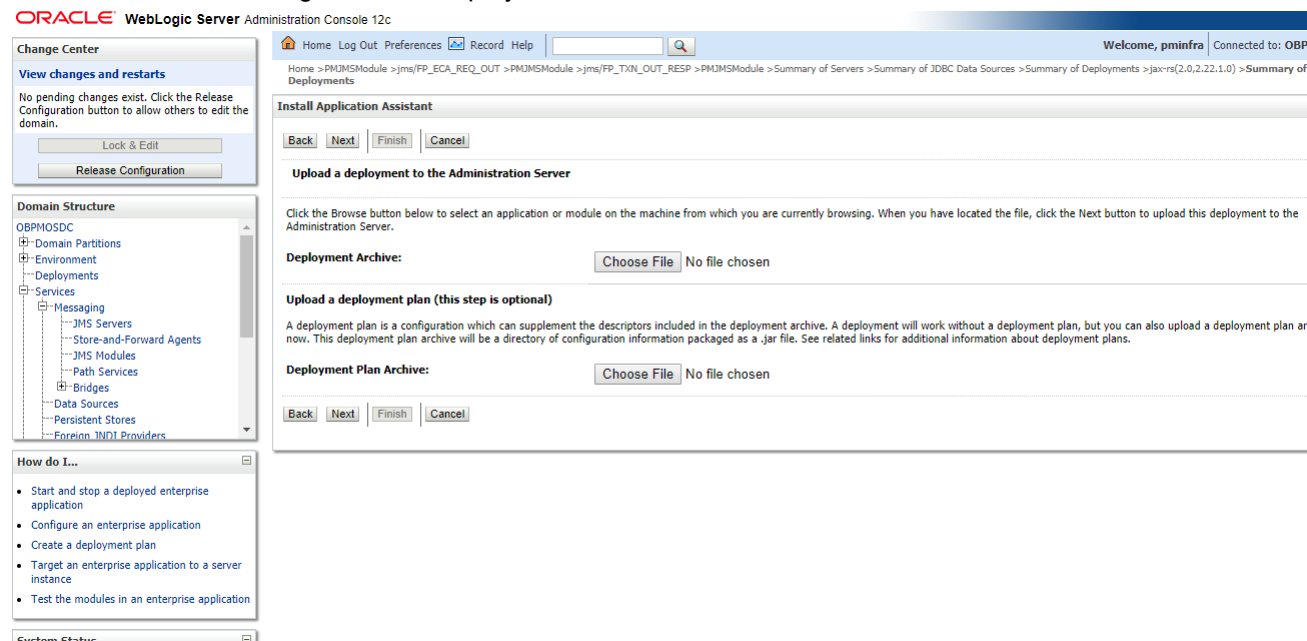
Showing 1 to 6 of 6 Previous

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



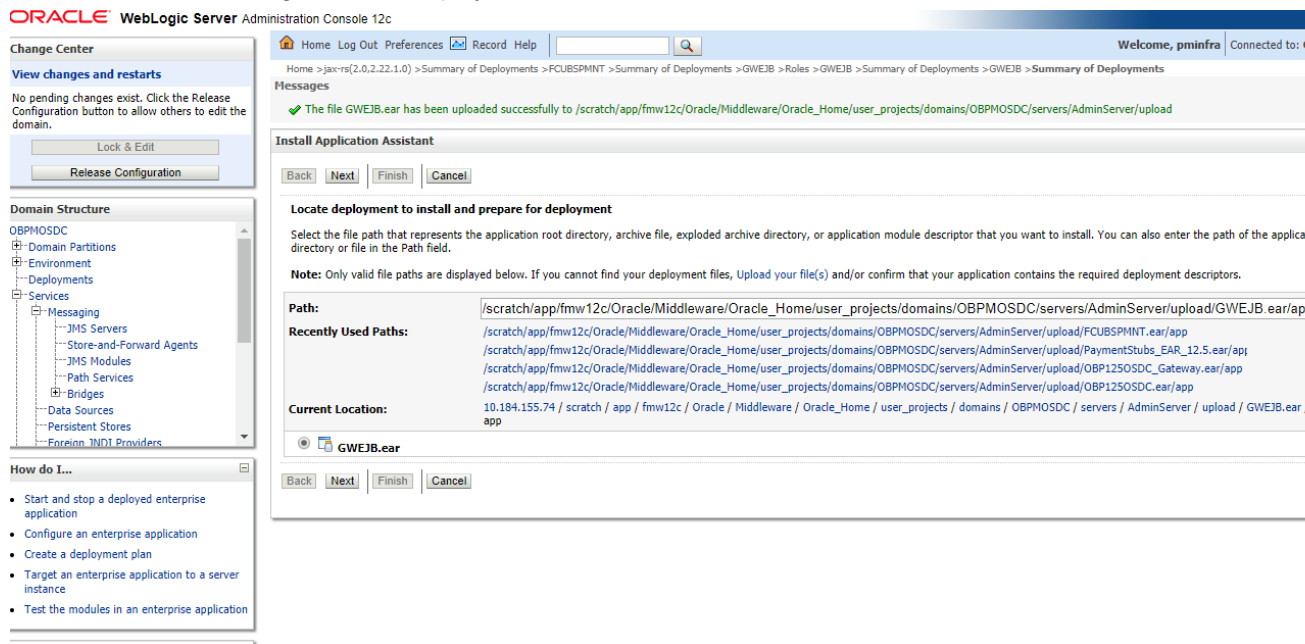
6. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.

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



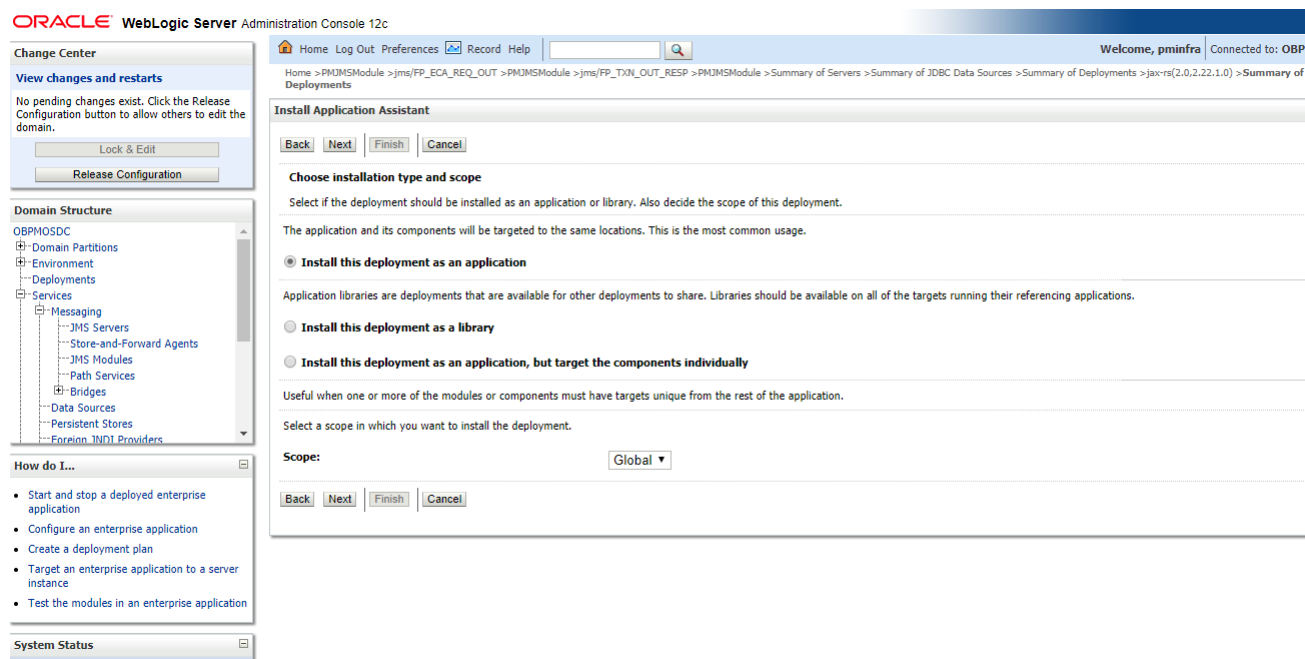
8. Specify the EAR file path. You can use the 'Browse' button to locate the file.

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



10. Select the application from the list.

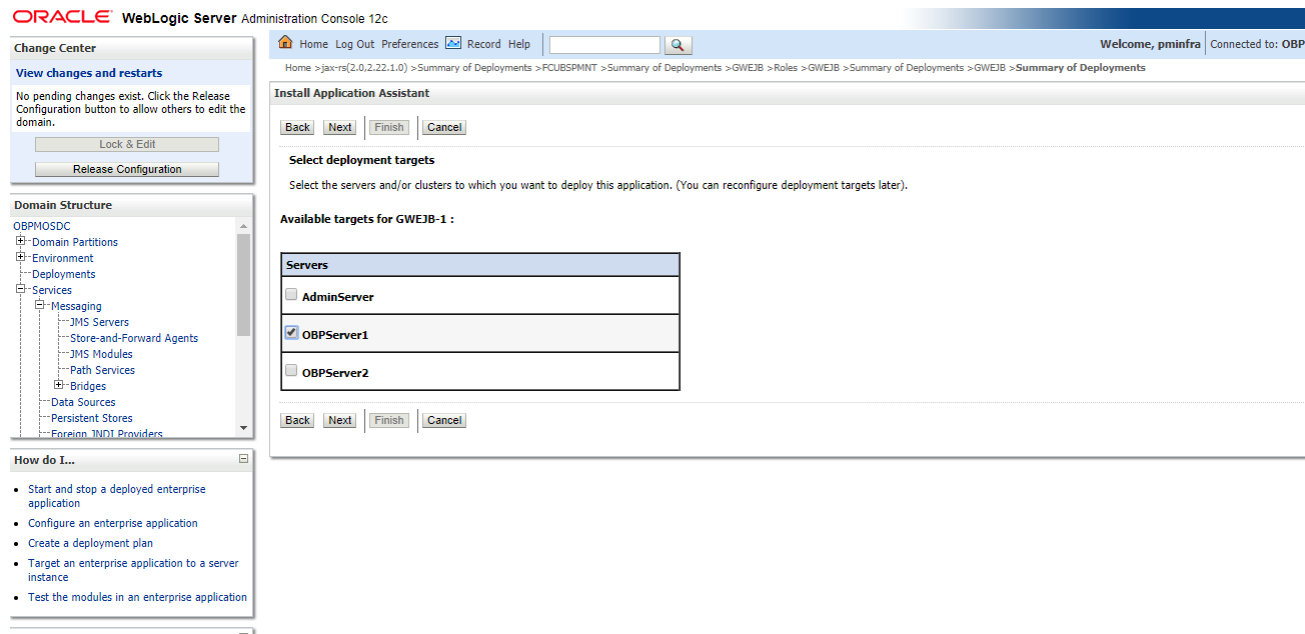
11. Click 'Next'. Following screen is displayed:



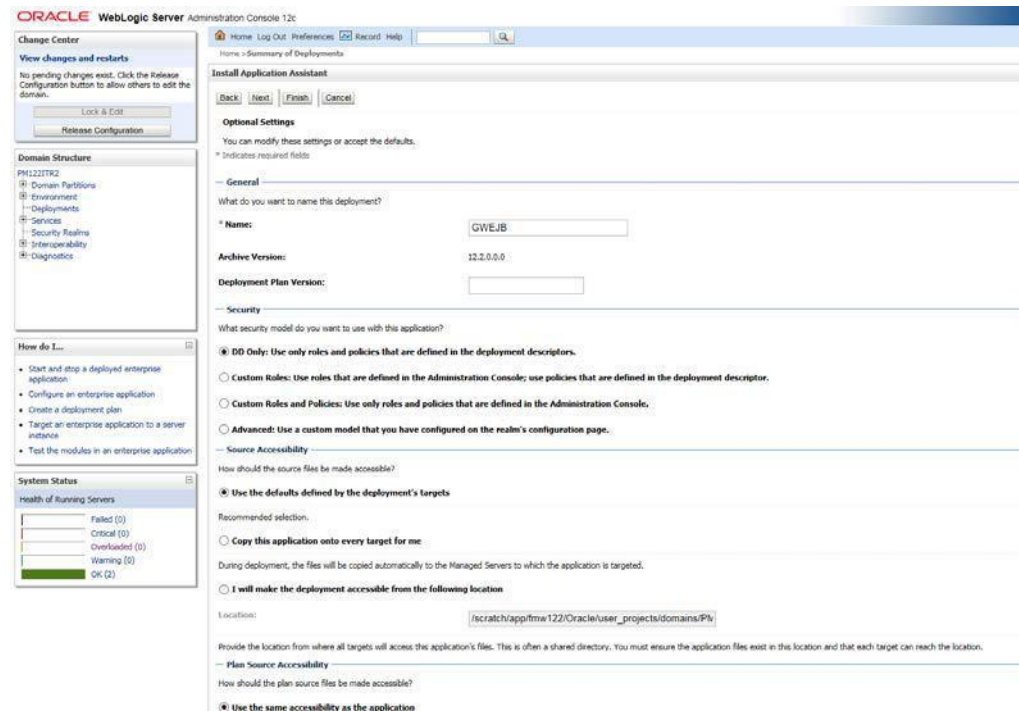
12. Choose the targeting style 'Install this deployment as an application'.

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:

Name: GWEJB

Archive Version: 12.2.0.0.0

Deployment Plan Version:

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

During deployment, the files will be copied automatically to the Managed Servers to which the application is targeted.

☐ I will make the deployment accessible from the following location

Location: /scratch/app/fmw122/Oracle/user_projects/domains/Pk

Provide the location from where all targets will access this application's files. This is often a shared directory. You must ensure the application files exist in this location and that each target can reach the location.

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

During deployment, the plan files will be copied automatically to the Managed Servers to which the application is targeted.

You must ensure the plan files exist in the shared location and that each target can reach the location.

[Back](#) [Next](#) [Finish](#) [Cancel](#)

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

The following screen is displayed.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Home » Summary of Deployments

Install Application Assistant

[Back](#) [Next](#) [Finish](#) [Cancel](#)

Review your choices and click Finish
Click Finish to complete the deployment. This may take a few moments to complete.

Additional Configuration
In order to work successfully, this application may require additional configuration. Do you want to review this application's configuration after completing this assistant?

- ☒ **Yes, take me to the deployment's configuration screens.**
- ☐ No, I will review the configuration later.

Summary

Deployment: /scratch/app/fmw122/Oracle/user_projects/domains/Pk122122/Server/Admin_Pk122122/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.

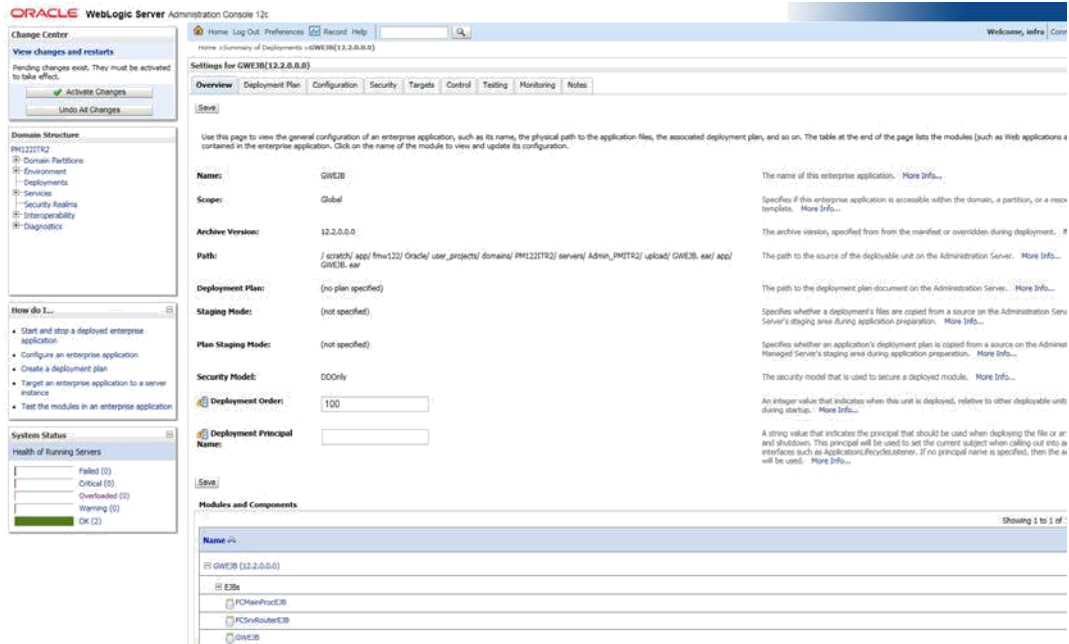
Scope: Global

Target Summary

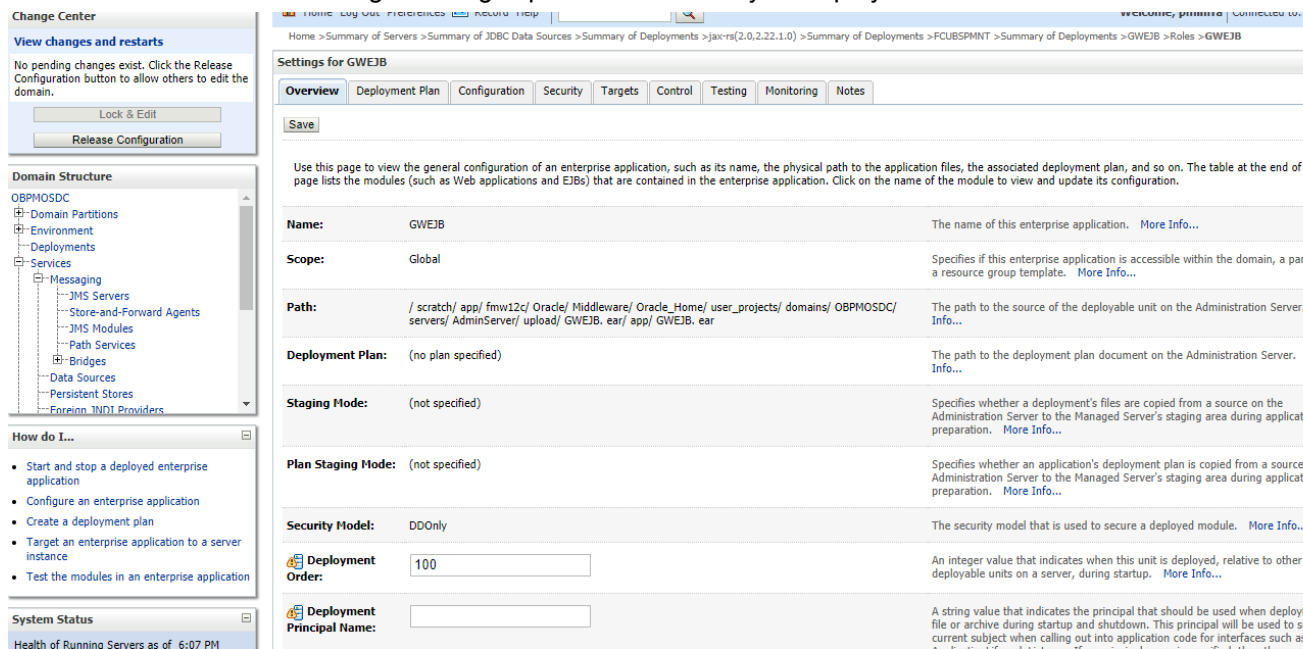
Components	Targets
GWEJB.ear	payments_server1

[Back](#) [Next](#) [Finish](#) [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:

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...

- 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

Health of Running Servers as of 6:07 PM

Settings for GWEJB

Overview Deployment Plan Configuration Security Targets Control Testing Monitoring Notes

Save

Use this page to view the general configuration of an enterprise application, such as its name, the physical path to the application files, the associated deployment plan, and so on. The table at the end of the page lists the modules (such as Web applications and EJBs) that are contained in the enterprise application. Click on the name of the module to view and update its configuration.

Name: GWEJB The name of this enterprise application. [More Info...](#)

Scope: Global Specifies if this enterprise application is accessible within the domain, as a resource group template. [More Info...](#)

Path: / scratch/ app/ fmw12c/ Oracle/ Middleware/ Oracle_Home/ user_projects/ domains/ OBPMOSDC/ servers/ AdminServer/ upload/ GWEJB. ear/ app/ GWEJB. ear The path to the source of the deployable unit on the Administration Server. [More Info...](#)

Deployment Plan: (no plan specified) The path to the deployment plan document on the Administration Server. [More Info...](#)

Staging Mode: (not specified) Specifies whether a deployment's files are copied from a source on the Administration Server to the Managed Server's staging area during application preparation. [More Info...](#)

Plan Staging Mode: (not specified) Specifies whether an application's deployment plan is copied from a source on the Administration Server to the Managed Server's staging area during application preparation. [More Info...](#)

Security Model: DDOnly The security model that is used to secure a deployed module. [More Info...](#)

Deployment Order: 100 An integer value that indicates when this unit is deployed, relative to other deployable units on a server, during startup. [More Info...](#)

Deployment Principal Name: A string value that indicates the principal that should be used when deploying the file or archive during startup and shutdown. This principal will be used to secure the current subject when calling out into application code for interfaces such as [More Info...](#)

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

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, pminfra Connected to...

Home > Summary of JDBC Data Sources > Summary of Deployments > jax-rs(2.0.2.22.1.0) > Summary of Deployments > FCUBSPMINT > Summary of Deployments > GWEJB > Roles > GWEJB > 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

☐	Name	State	Health	Type	Targets	Scope	Domain Partitions	Deployment Order
☐	GWCoreServices	Admin	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

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

22. The following screen is displayed.

The screenshot shows the Oracle WebLogic Server Administration Console. On the left, the 'Change Center' panel displays 'View changes and restarts' with buttons for 'Lock & Edit' and 'Release Configuration'. Below it is the 'Domain Structure' tree, showing a hierarchy from 'OBPMOSDC' down to 'Foreign JNDI Providers'. The 'How do I...' panel shows 'No task help found.' The 'System Status' panel shows 'Health of Running Servers as of 6:09 PM' with indicators for Failed (0), Critical (0), Overloaded (0), and Warning (0). The main content area shows the 'Start Application Assistant' dialog box. It has a breadcrumb trail: 'Home > jax-rs(2.0.2.22.1.0) > Summary of Deployments > FCUBSPMINT > Summary of Deployments > GWEJB > Roles > GWEJB > Summary of Deployments > GWEJB > Summary of Deployments'. The dialog box has 'Yes' and 'No' buttons at the top. Below, it says 'Start Deployments' and 'You have selected the following deployments to be started. Click 'Yes' to continue, or 'No' to cancel.' A list shows '• GWEJB'. At the bottom, there are 'Yes' and 'No' buttons.

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

The screenshot shows the Oracle WebLogic Server Administration Console. The left sidebar is the same as in the previous screenshot. The main content area shows the 'Summary of Deployments' page. It has a breadcrumb trail: 'Home > 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 > FCUBSPMINT > Summary of Deployments'. The page has tabs for 'Configuration', 'Control', and 'Monitoring'. Below the tabs, it says '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**.' There is a 'Customize this table' link. Below that is a 'Deployments' section with 'Install', 'Update', and 'Delete' buttons. A table shows the list of deployments. The table has columns: Name, State, Health, Type, Targets, Scope, Domain Partitions, and Deployment. The table shows 7 rows of data. The first row is 'GWCoreservices' with State 'Admin' and Health 'OK'. The second row is 'GWEJB' with State 'Active' and Health 'OK'. The third row is 'GWMDB' with State 'Active' and Health 'Warning'. The fourth row is 'jax-rs(2.0.2.22.1.0)' with State 'Active' and Health 'Warning'. The fifth row is 'OBP12SSUPPORT' with State 'Active' and Health 'Warning'. The sixth row is 'OBP12SSUPPORT_Gateway' with State 'Active' and Health 'Warning'. The seventh row is 'PaymentStubs_EAR_12.5' with State 'Active' and Health 'Warning'.

Name	State	Health	Type	Targets	Scope	Domain Partitions	Deployment
GWCoreservices	Admin	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	Warning	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

This completes the deployment process.



Oracle Banking Payments WebLogic Deployment
[April] [2022]
Version 14.5.4.0.0

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