

WebLogic Deployment
Oracle Banking Payments
Release 14.5.2.0.0
[September][2021]



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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

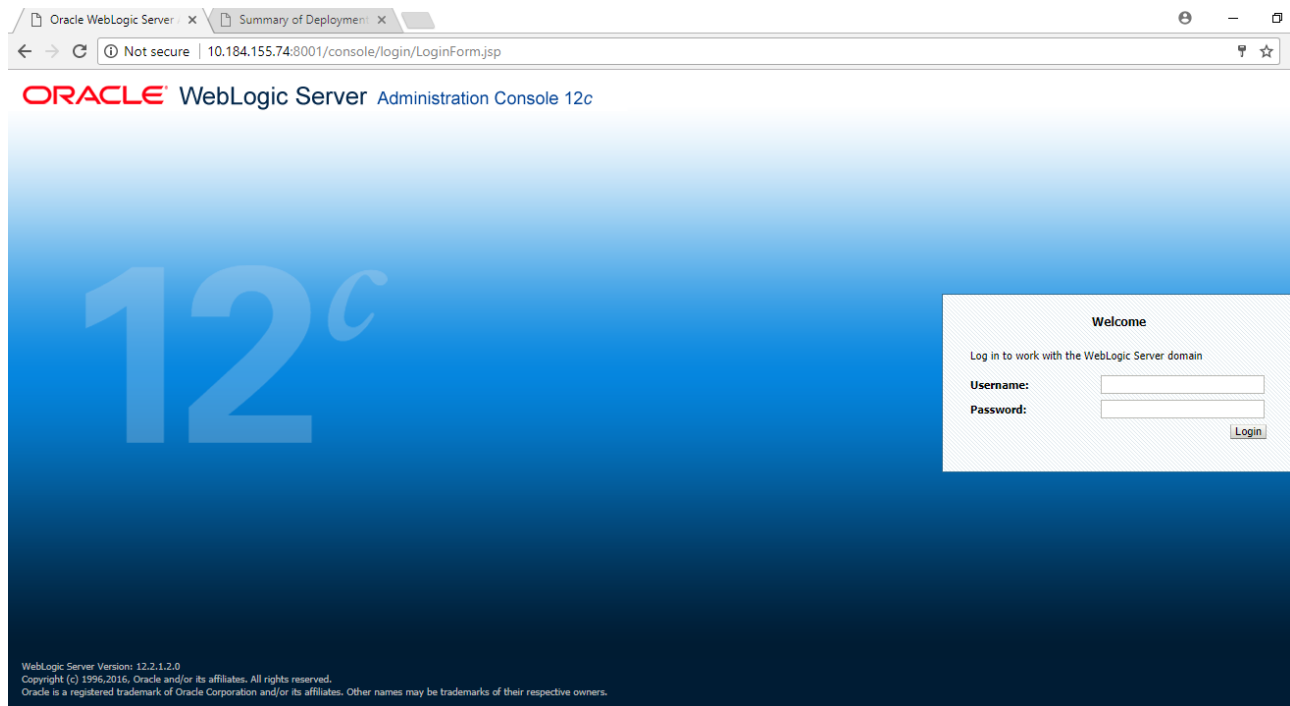
This section explains the method of deploying Oracle Banking Application Oracle WebLogic application server.

1.3.1 Deploying Dependency Library “Jersey-bundle”

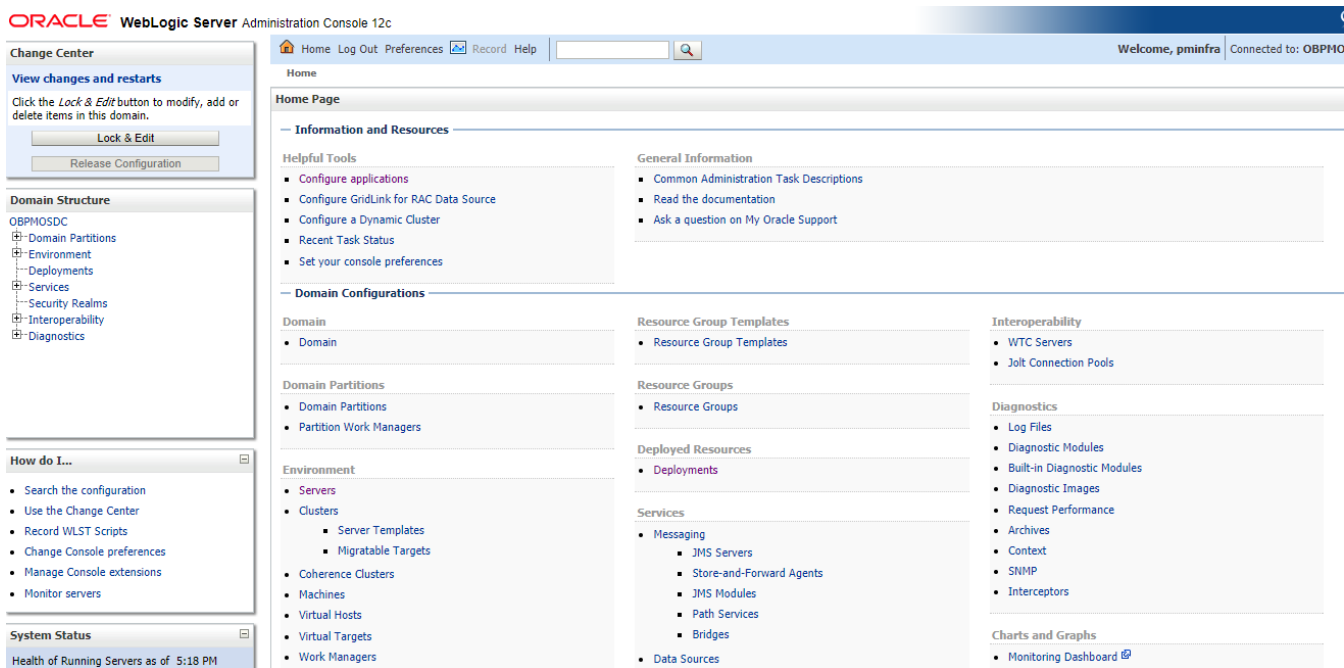
This library must be installed before deploying FCUBSApp.ear. Follow the below steps

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

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
☐ GWJEB	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

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 - Bridges
 - Data Sources
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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

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:

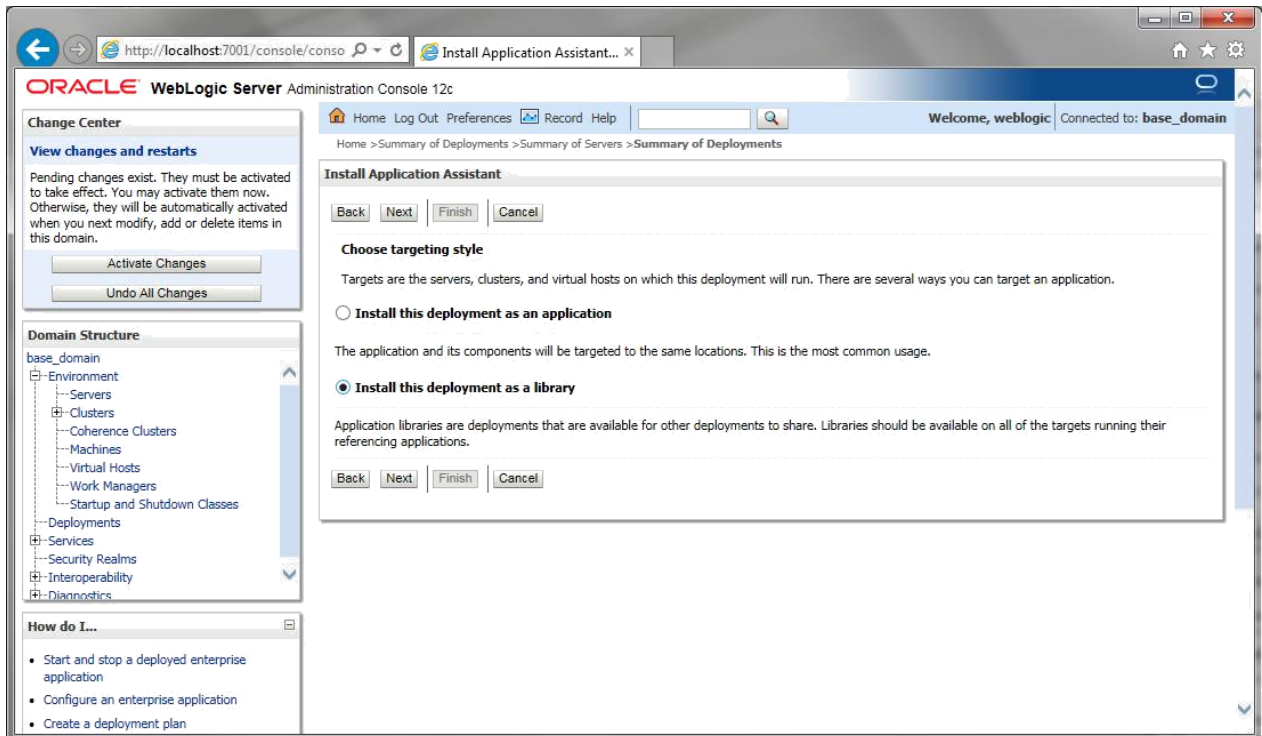
- /scratch/app/fmw12c/Oracle/Middleware/Oracle_Home/user_projects/domains/OBPMOSDC/servers/AdminServer/upload/PaymentStubs_EAR_12.5.ear/app
- /scratch/app/fmw12c/Oracle/Middleware/Oracle_Home/user_projects/domains/OBPMOSDC/servers/AdminServer/upload/OBP125OSDC_Gateway.ear/app
- /scratch/app/fmw12c/Oracle/Middleware/Oracle_Home/user_projects/domains/OBPMOSDC/serv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

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

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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 - Persistent Stores
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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
 - Environment
 - Deployments**
 - Services
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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

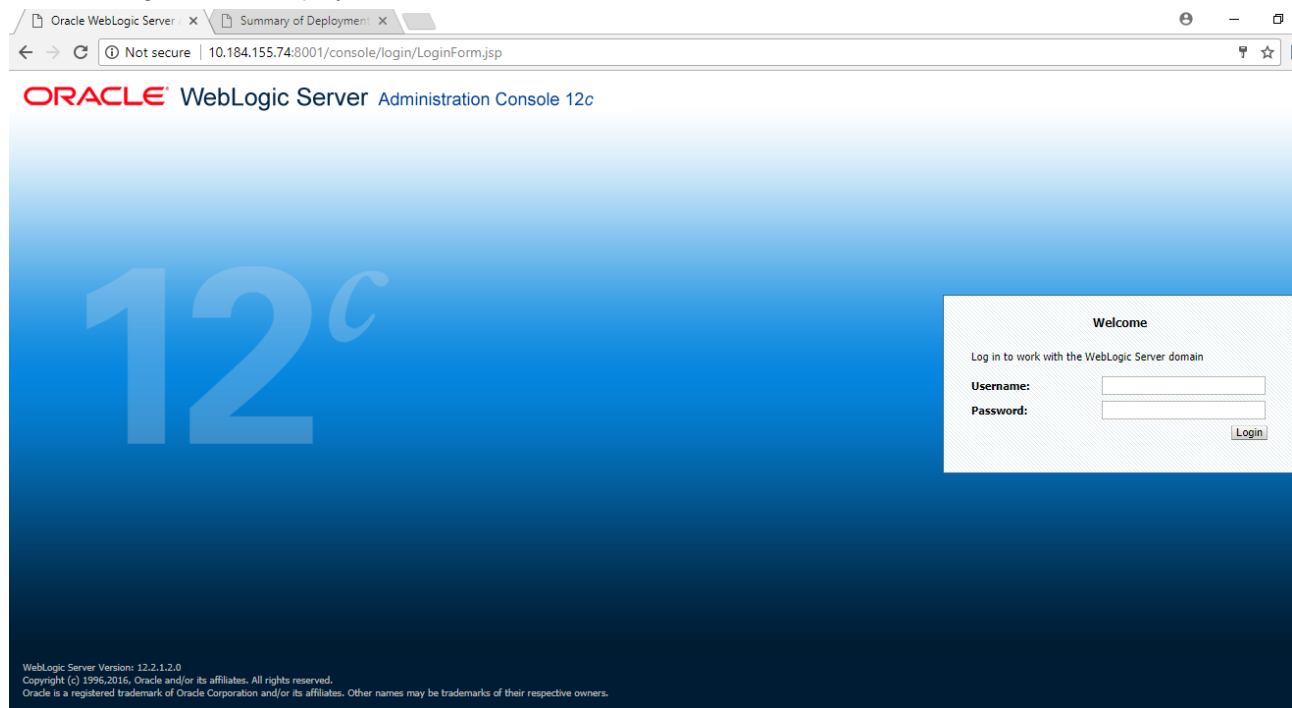
This library must appear in the deployment with Type column as “Library”

1.3.2 Deploying FCUBS Application from WebLogic Administration Console

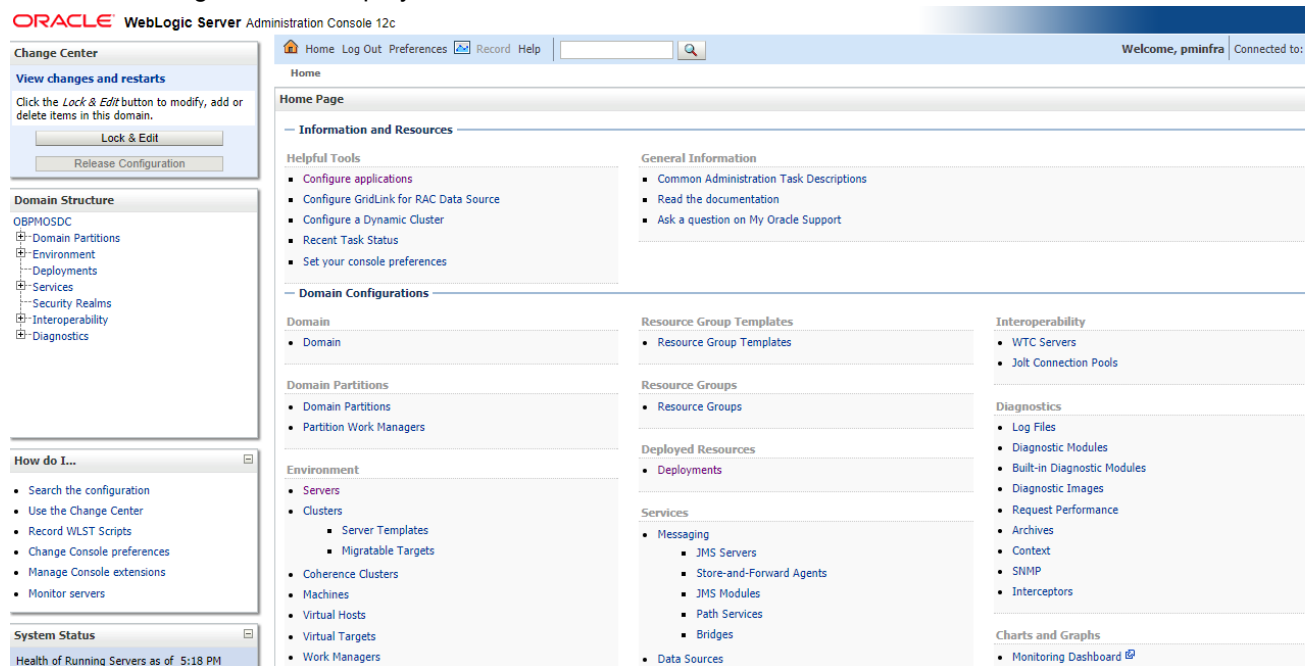
To deploy Oracle Banking Application from Oracle WebLogic administration console, follow the steps given below.

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:

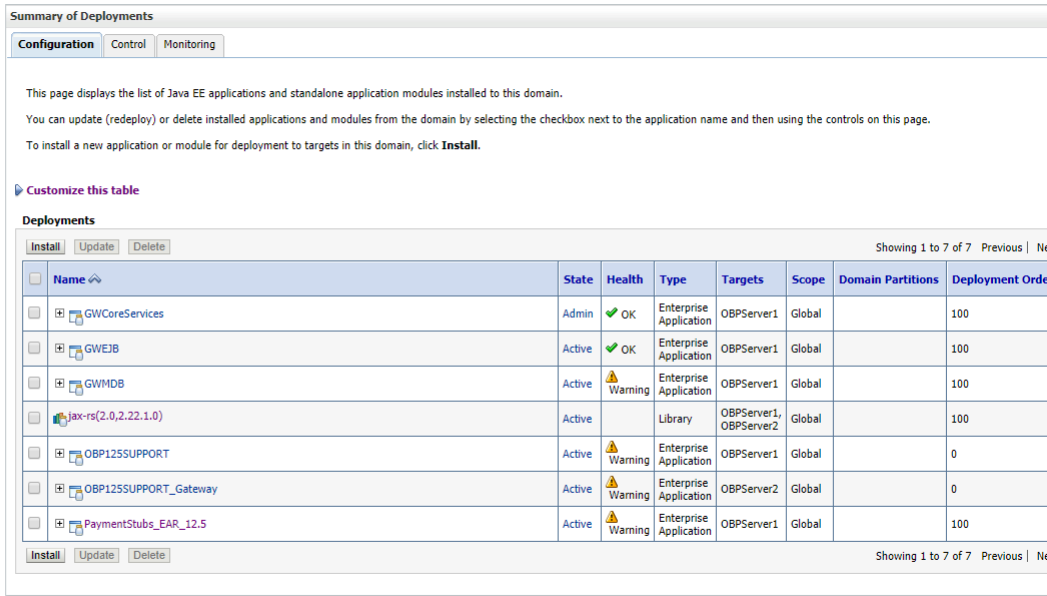
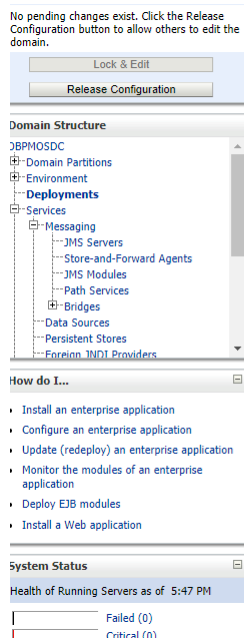


3. Specify the WebLogic administrator user name and password. Click 'Log In'. The following screen is displayed:

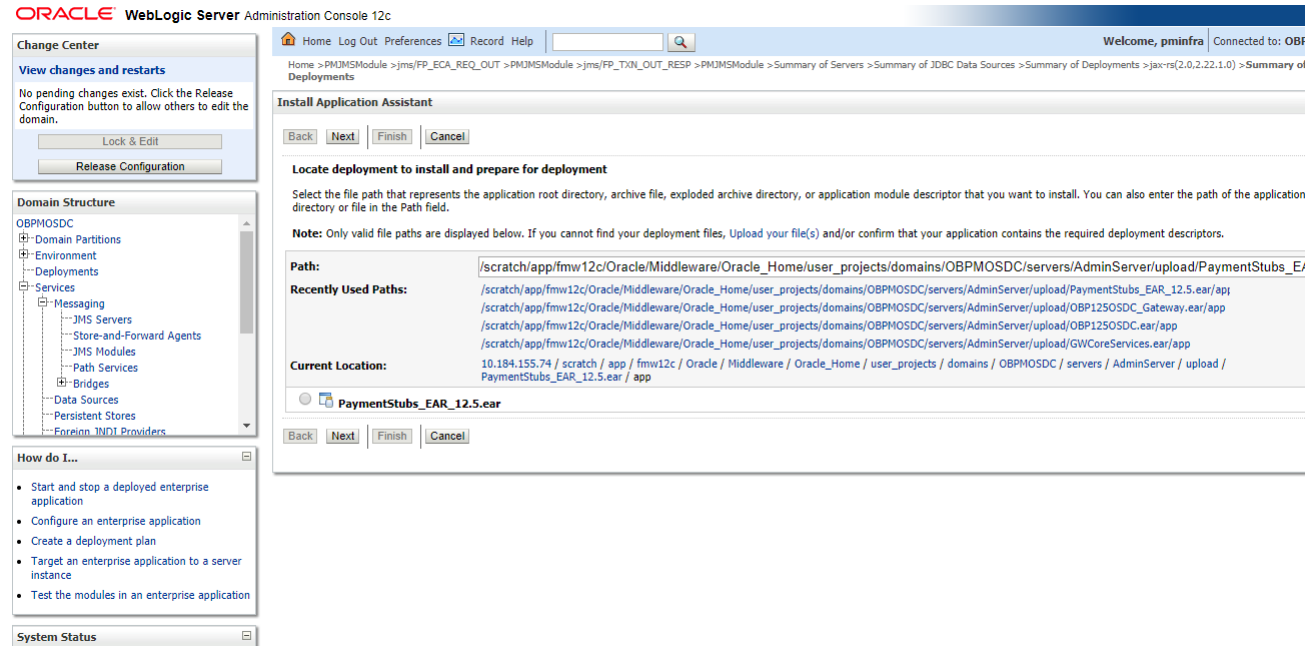


4. You need to deploy an EAR. For e.g. 'FCUBSApp.ear'. Go to 'Deployment'.

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

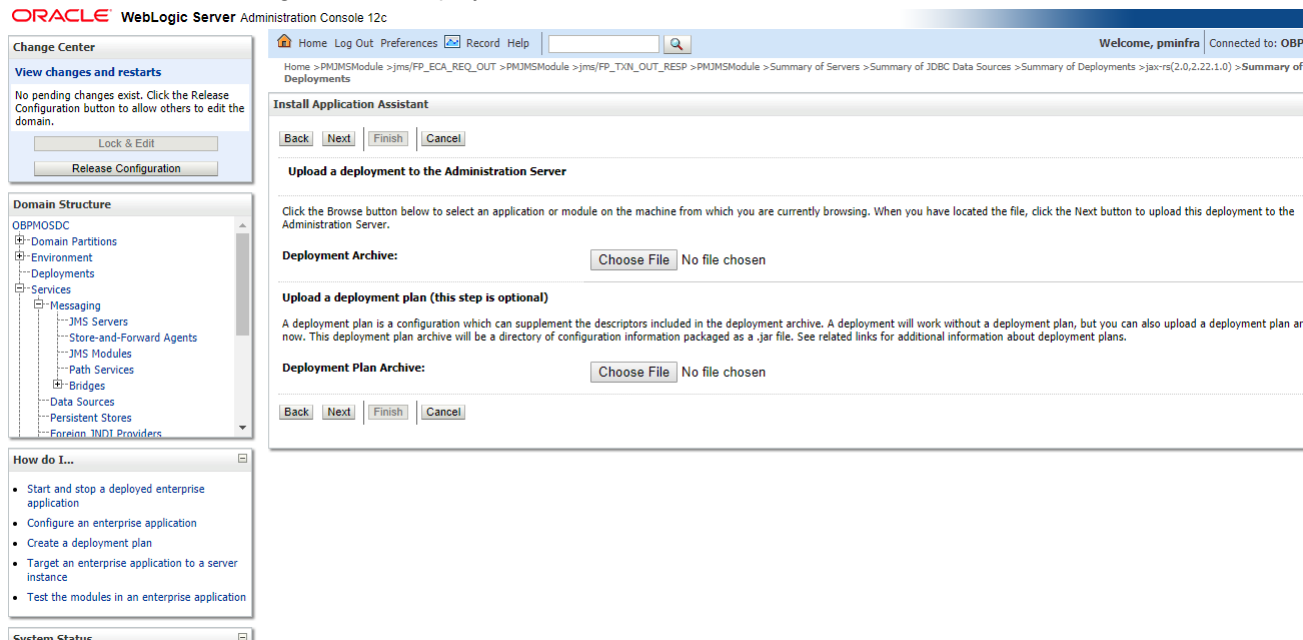


5. Click 'Install' button. The following screen is displayed:



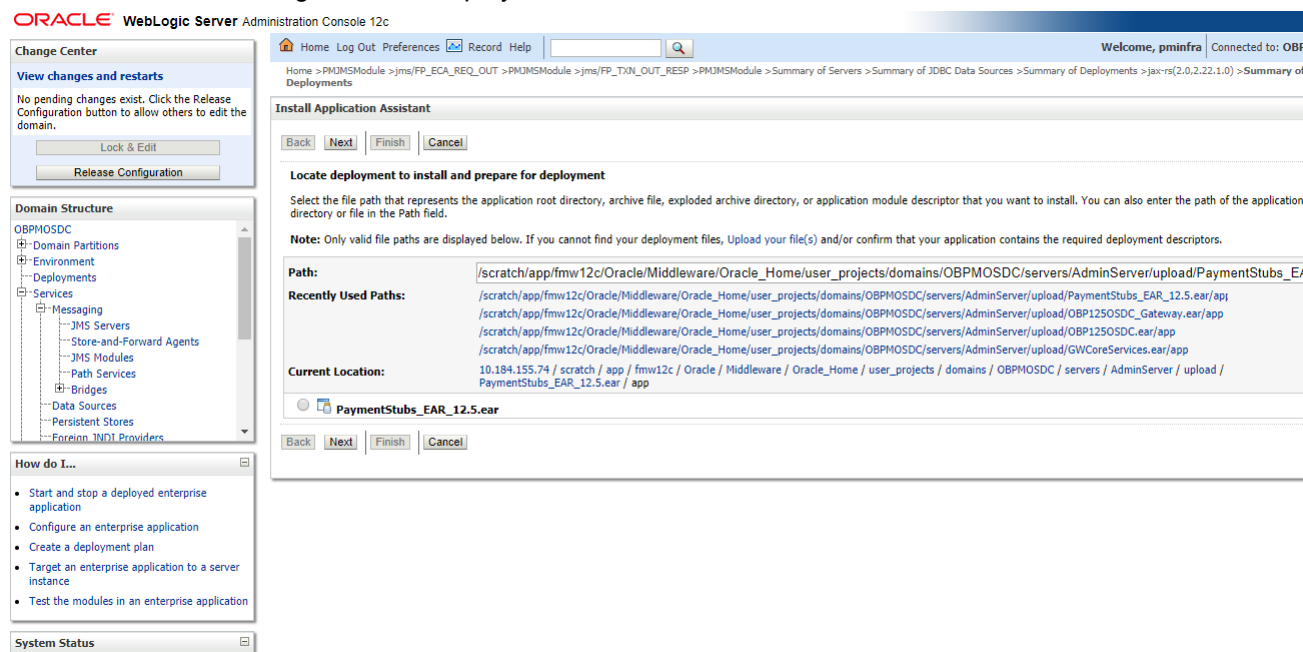
6. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.

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



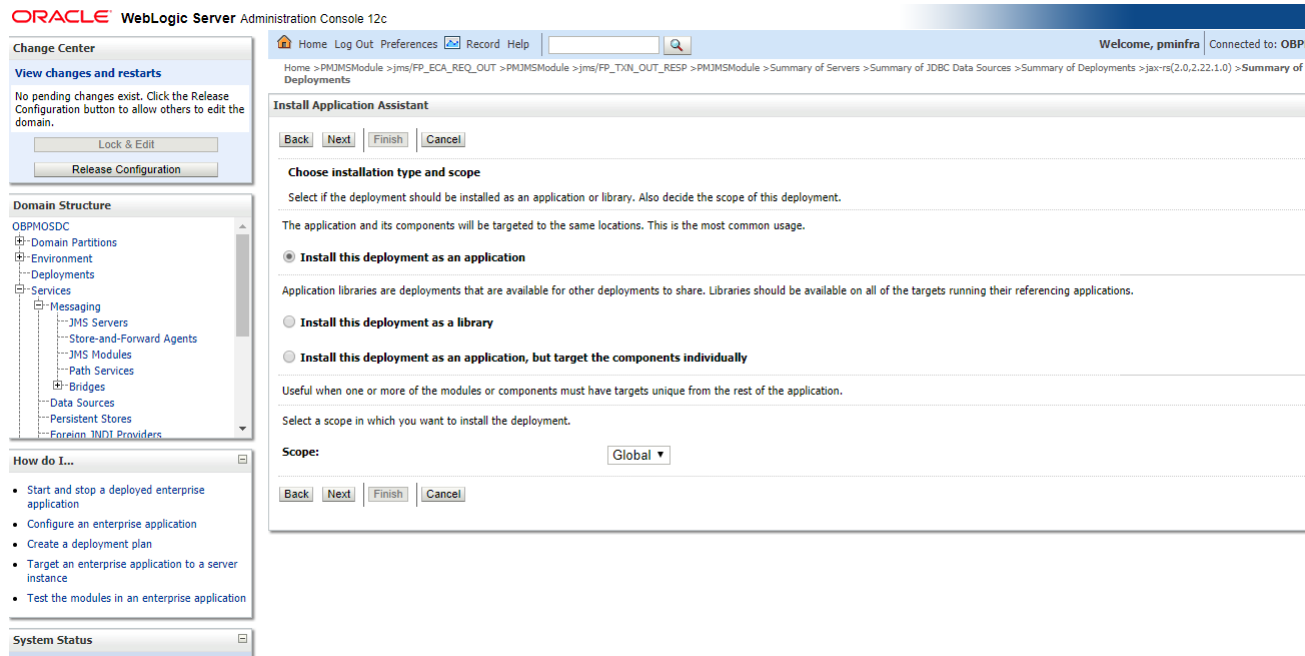
8. Specify the EAR file path. You can use the 'Browse' button to locate the file.

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



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

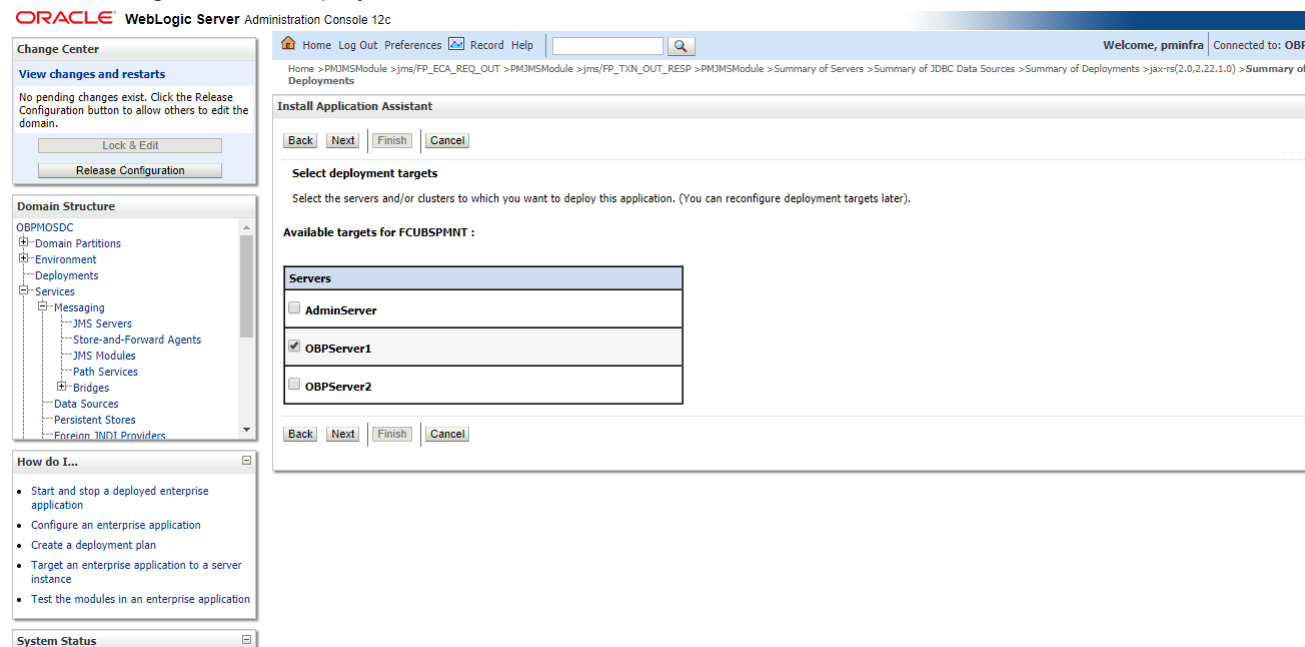
11. Click 'Next'. Following screen is displayed:



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.

ORACLE WebLogic Server Administration Console 12c

Welcome, pminfra

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-ws(2.0.2.22) 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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 - 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

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: FCUBSPMNT

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**

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/fmw12c/Oracle/Middleware/Oracle_Home/user_pro

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**

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

☐ **Do not copy this plan to targets**

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

Back Next Finish Cancel

16. Check the deployment name.

The remaining portion of the screen is shown below:

System Status

Health of Running Servers as of 5:53 PM

Failed (0)

Critical (0)

Overloaded (0)

Warning (0)

OK (3)

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/fmw12c/Oracle/Middleware/Oracle_Home/user_pro

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**

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

☐ **Do not copy this plan to targets**

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 > 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
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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

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: ...

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: ...

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 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 > 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

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 - JMS Modules
 - 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 Partitions
☐ Servicing all requests	Admin	OK	Enterprise Application	OBPServer1	Global	
☐ Servicing 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 > 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...

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

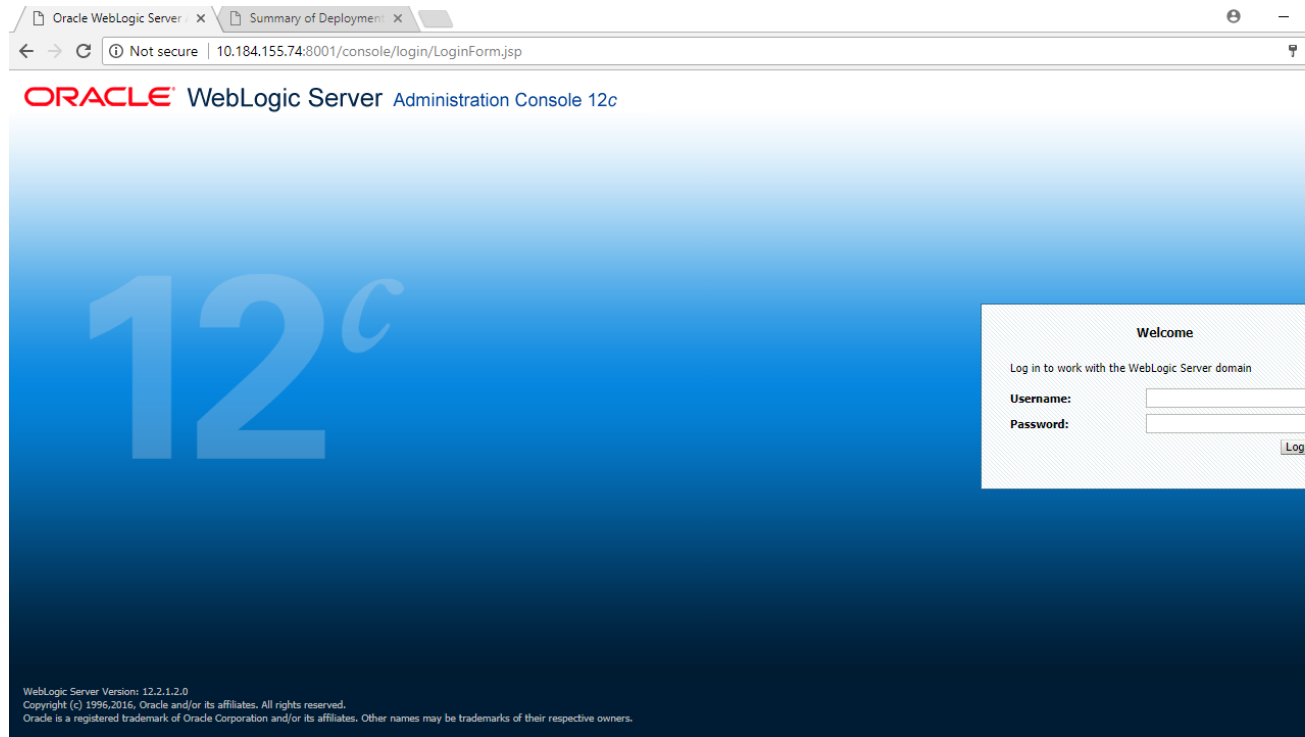
Name	State	Health	Type	Targets	Scope	Domain Partitions	Deployment
☐ GWCoreServices	Admin	OK	Enterprise Application	OBPServer1	Global		100
☐ GWEJB	Active	OK	Enterprise Application	OBPServer1	Global		100
☐ GWMDB	Active	Warning	Enterprise Application	OBPServer1	Global		100
☐ jax-rs(2.0.2.22.1.0)	Active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

The screenshot shows the Oracle WebLogic Server Administration Console 12c Home Page. The interface includes a top navigation bar with links for Home, Log Out, Preferences, Record, and Help. The main content area is divided into several sections:

- Change Center:** Contains buttons for 'Lock & Edit' and 'Release Configuration'.
- Domain Structure:** A tree view showing the hierarchy of the domain, including Domain Partitions, Environment, Deployments, Services, Security Realms, Interoperability, and Diagnostics.
- How do I...:** A list of links for searching configuration, using the Change Center, recording WLST Scripts, changing console preferences, managing console extensions, and monitoring servers.
- System Status:** Shows the health of running servers as of 5:18 PM.
- Information and Resources:** Includes helpful tools like 'Configure applications', 'Configure GridLink for RAC Data Source', 'Configure a Dynamic Cluster', 'Recent Task Status', and 'Set your console preferences'. It also has general information links like 'Common Administration Task Descriptions', 'Read the documentation', and 'Ask a question on My Oracle Support'.
- Domain Configurations:** A section for configuring various domain components, including Domain, Domain Partitions, Environment, Clusters, Coherence Clusters, Machines, Virtual Hosts, Virtual Targets, Work Managers, Resource Group Templates, Resource Groups, Deployed Resources, and Services.
- Interoperability:** Links to WTC Servers and Jolt Connection Pools.
- Diagnostics:** Links to Log Files, Diagnostic Modules, Built-in Diagnostic Modules, Diagnostic Images, Request Performance, Archives, Context, SNMP, and Interceptors.
- Charts and Graphs:** Links to the Monitoring Dashboard.

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

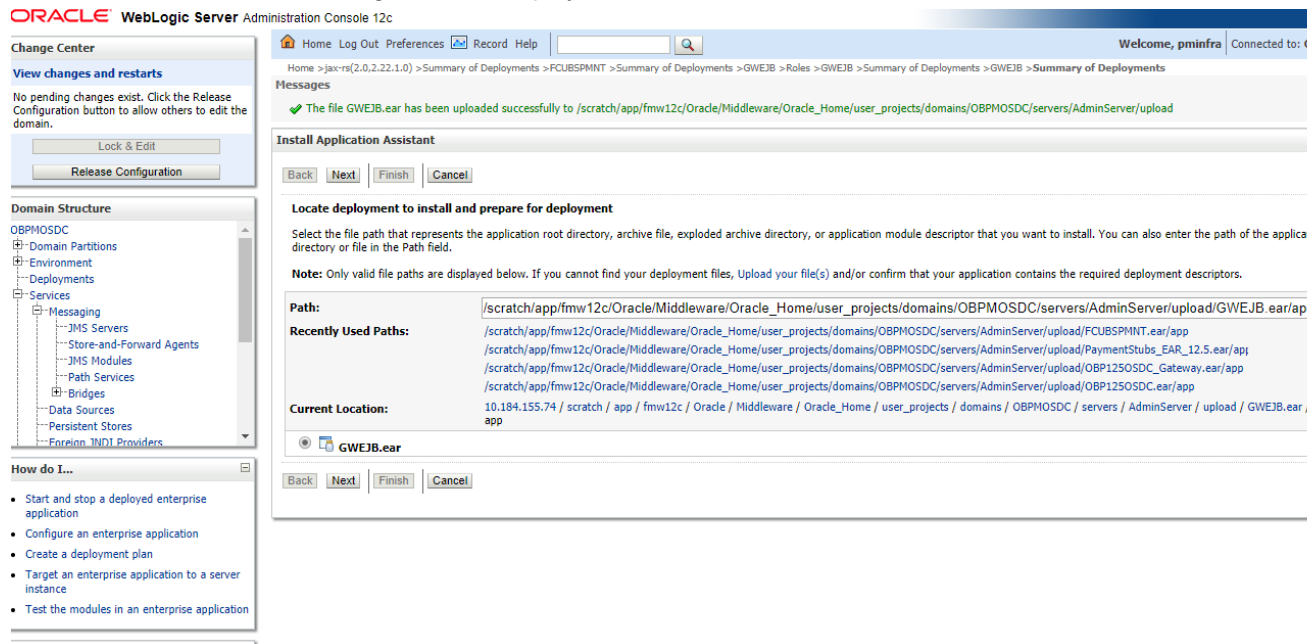
Click 'Lock & Edit' button to enable the buttons. This action enables the buttons.

The screenshot shows the Oracle WebLogic Server Administration Console 12c Summary of Deployments page. The page displays a list of Java EE applications and standalone application modules installed to this domain. The table below shows the details of the deployments:

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	

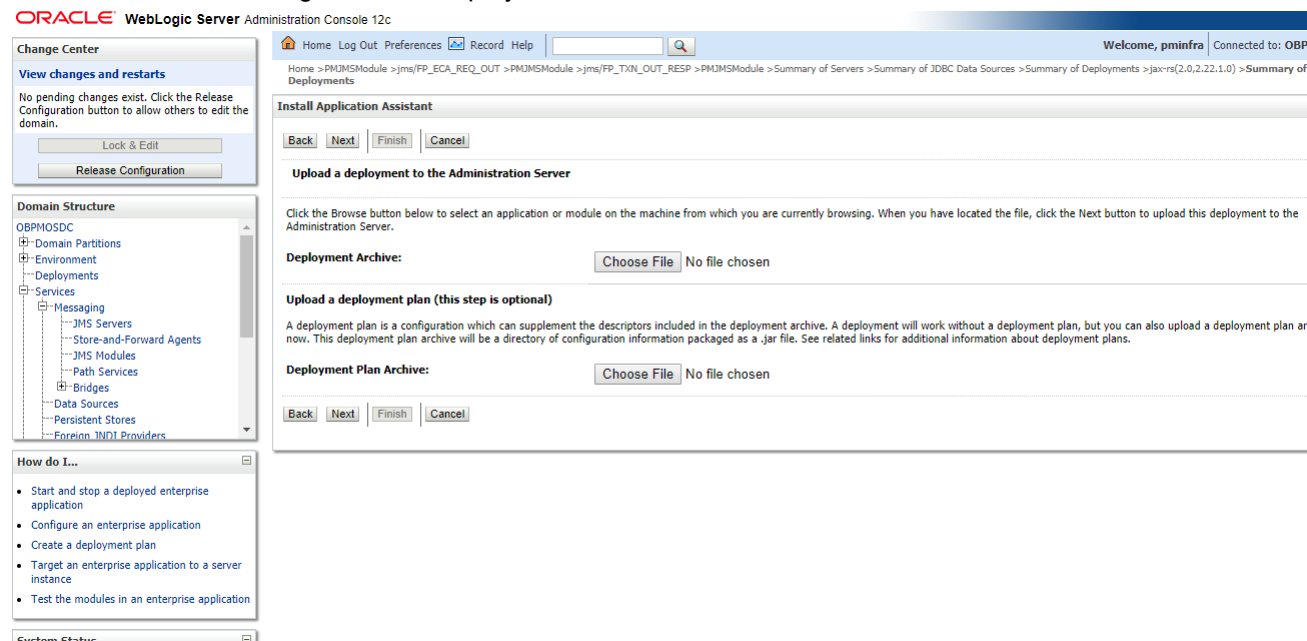
The page also includes a 'Customize this table' link and a 'Deployments' section with 'Start' and 'Stop' buttons for each application.

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



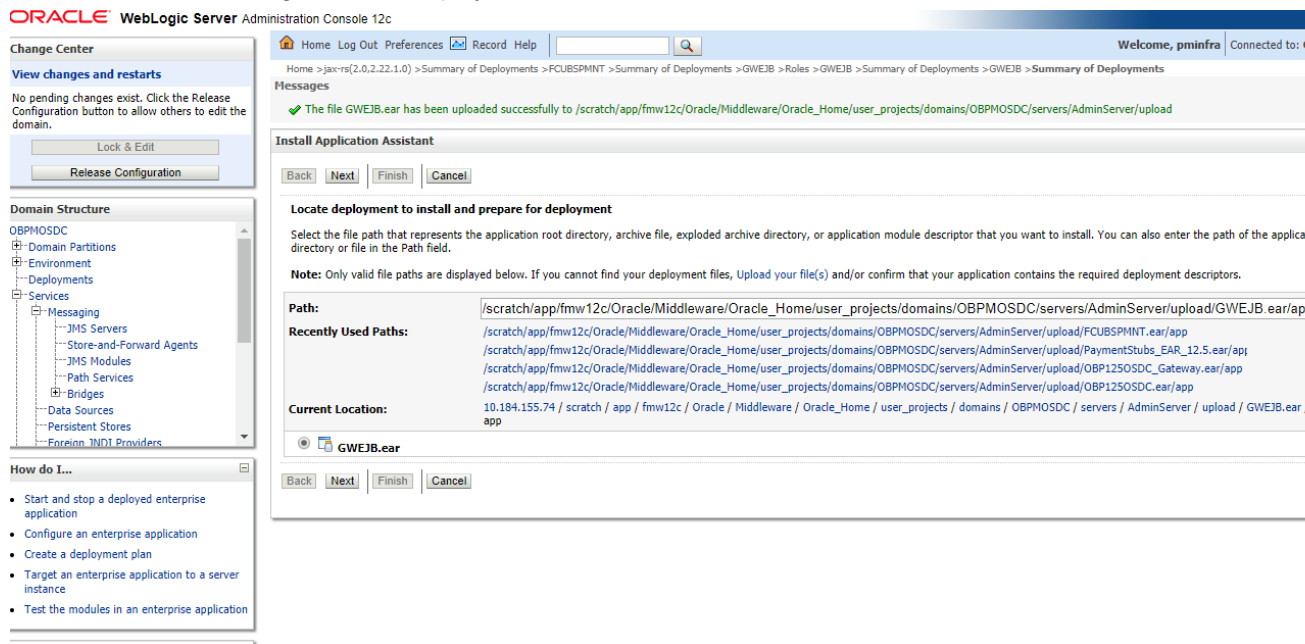
6. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.

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



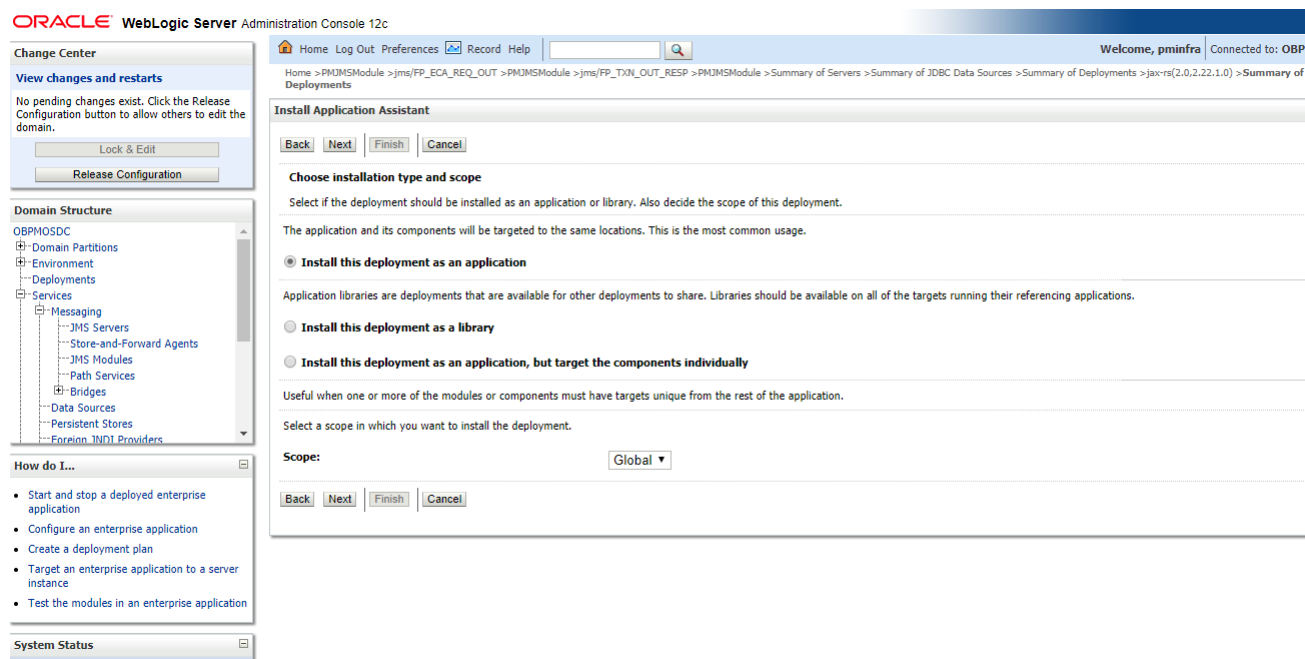
8. Specify the EAR file path. You can use the 'Browse' button to locate the file.

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



10. Select the application from the list.

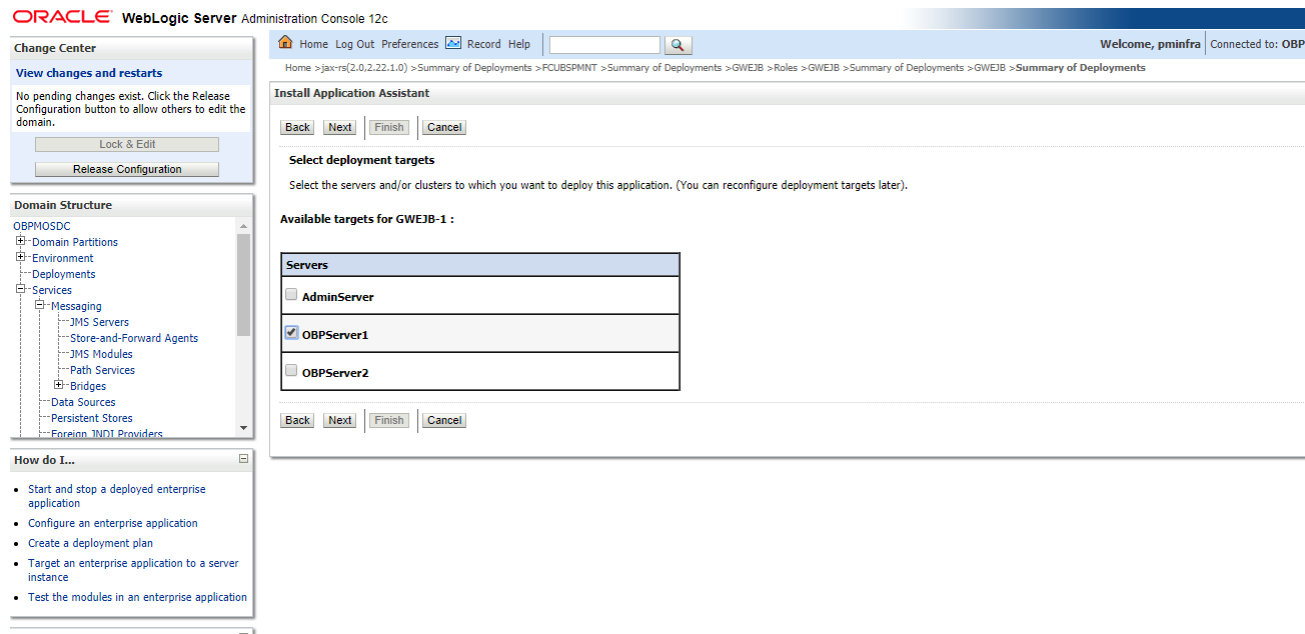
11. Click 'Next'. Following screen is displayed:



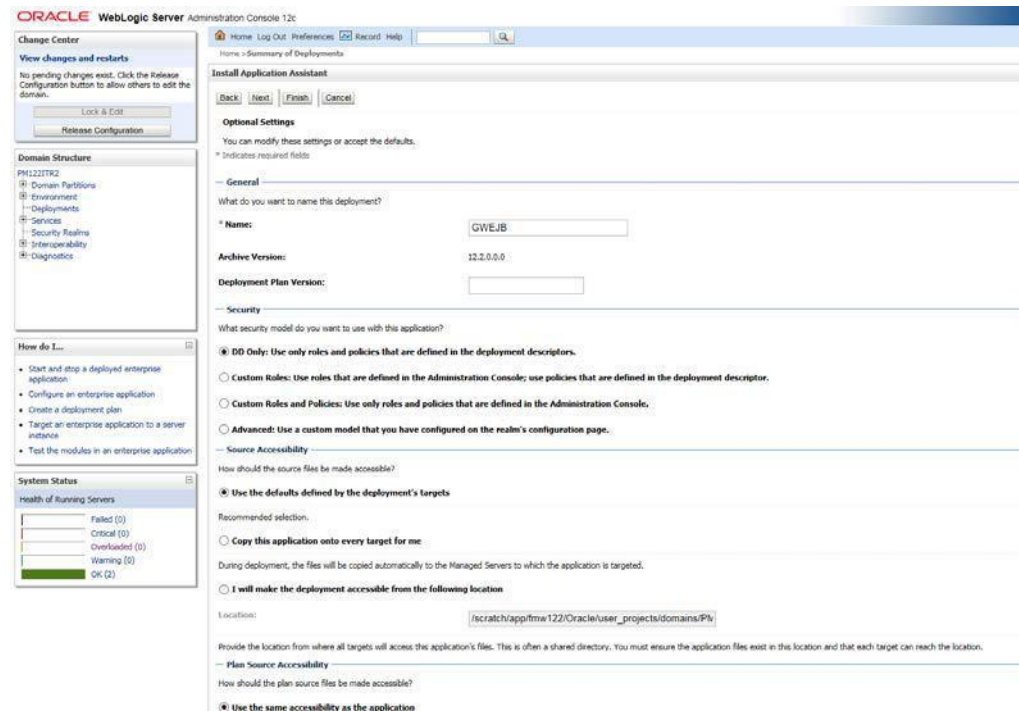
12. Choose the targeting style 'Install this deployment as an application'.

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.

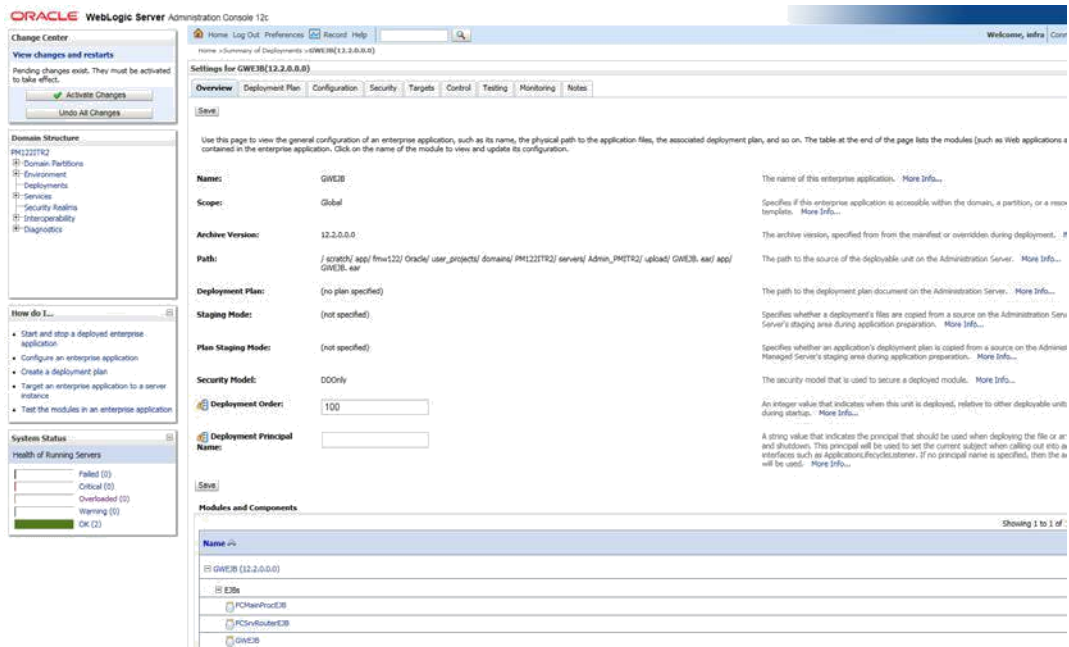
Scope: Global

Target Summary

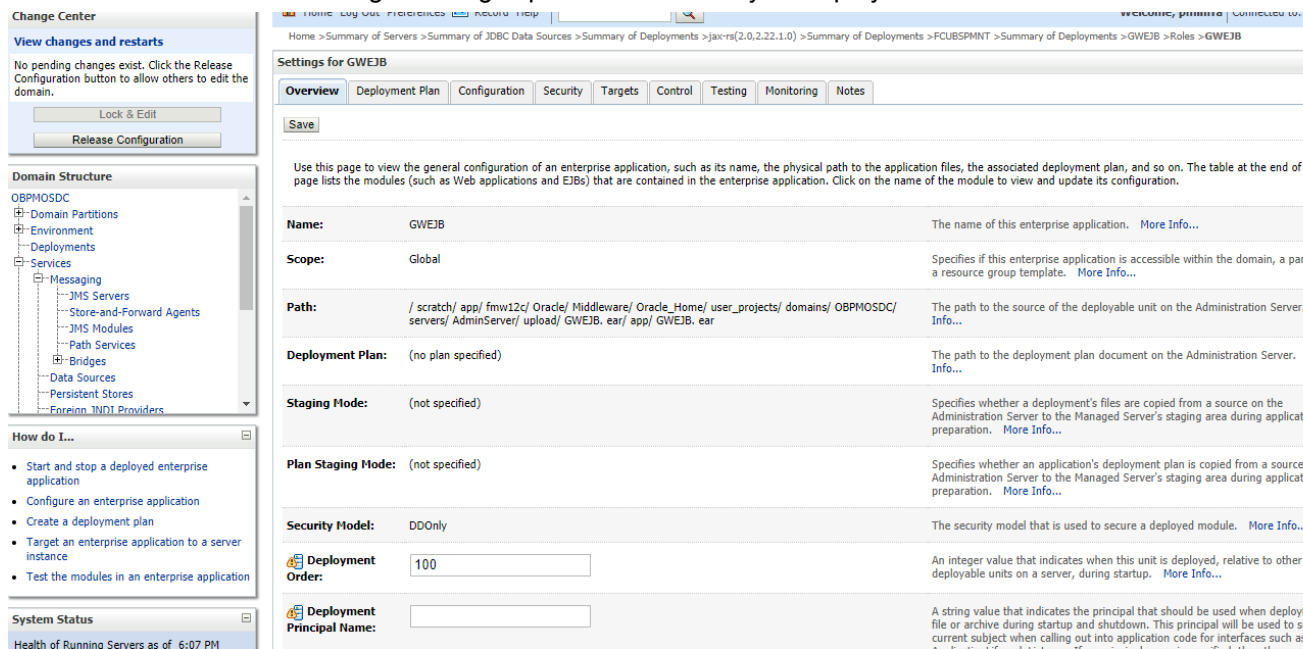
Components	Targets
GWEJB.ear	payments_server1

[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. The breadcrumb path is '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 has 'Yes' and 'No' buttons. Below the buttons, 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. The breadcrumb path is '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'. The 'Configuration' tab is selected. The page text 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**.' Below this is a 'Customize this table' link. The 'Deployments' section has '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 'GWMD8' 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 'OBP125SUPPORT' with State 'Active' and Health 'Warning'. The sixth row is 'OBP125SUPPORT_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
GWMD8	Active	Warning	Enterprise Application	OBPServer1	Global		100
jax-rs(2.0.2.22.1.0)	Active	Warning	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

This completes the deployment process.



Oracle Banking Payments WebLogic Deployment
[September] [2021]
Version 14.5.2.0.0

Oracle Financial Services Software Limited
Oracle Park
Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India

Worldwide Inquiries:
Phone: +91 22 6718 3000
Fax: +91 22 6718 3001
www.oracle.com/financialservices/

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