

Deploying Oracle Banking Treasury Management Application
on WebLogic
Oracle Banking Treasury Management
Release 14.7.2.0.0
Part No. F90786-01
[November] [2023]



Table of Contents

1.	DEPLOYING ORACLE BANKING TREASURY MANAGEMENT ON WEBLOGIC	1-1
1.1	INTRODUCTION	1-1
1.2	BUILDING APPLICATION	1-1
1.2.1	<i>Building Application</i>	<i>1-1</i>
1.3	DEPLOYING APPLICATION IN ORACLE WEBLOGIC	1-1
1.3.1	<i>Deploying Integration Adapter EAR from WebLogic Administration Console</i>	<i>1-1</i>
1.3.2	<i>Deploying Dependency Library “Jax-RS”</i>	<i>1-7</i>
1.3.3	<i>Deploying OBTR Application from WebLogic Administration Console.....</i>	<i>1-11</i>
1.3.4	<i>Deploying Gateway/Scheduler Applications from WebLogic Administration Console</i>	<i>1-19</i>

1. Deploying Oracle Banking Treasury Management on WebLogic

1.1 Introduction

This chapter explains the steps to deploy Oracle Banking Treasury Management application into Oracle WebLogic application server.

1.2 Building Application

For building Oracle Banking Treasury Management Application, refer to the following chapters.

1.2.1 Building Application

Refer to the chapter 'Building Application'. This includes the following details:

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

1.3 Deploying Application in Oracle WebLogic

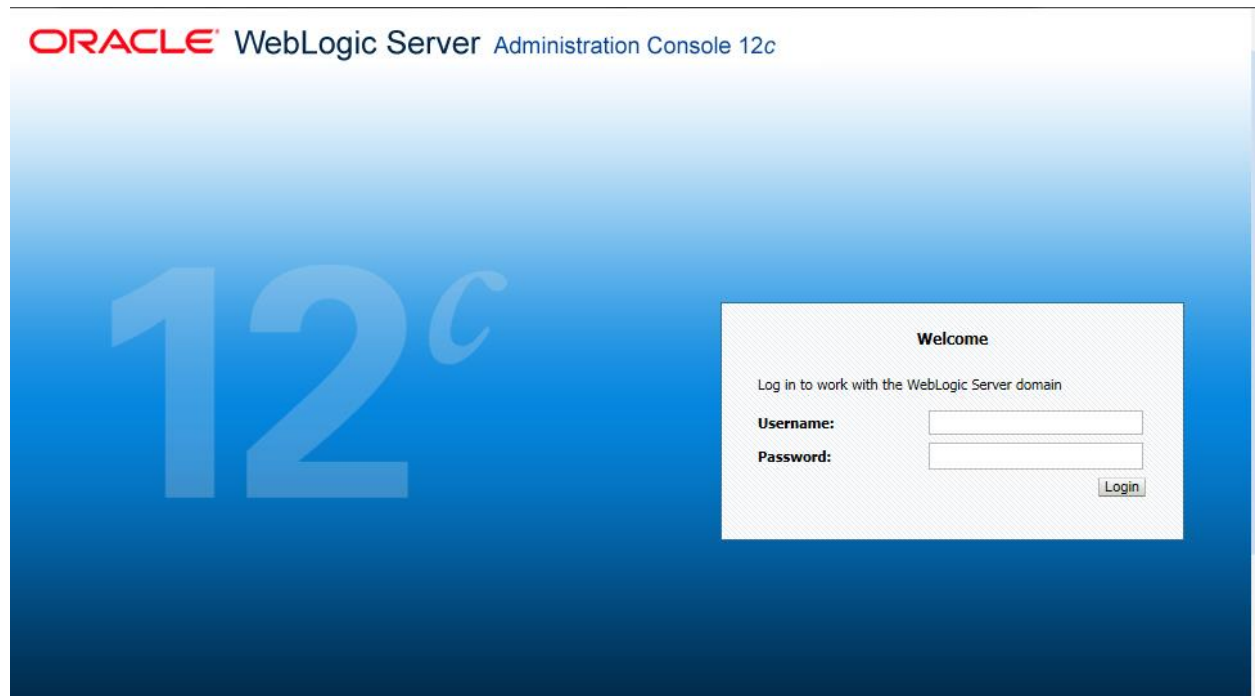
This section explains the method of deploying Oracle Banking Treasury Management Application into Oracle WebLogic application server.

1.3.1 Deploying Integration Adapter EAR from WebLogic Administration Console

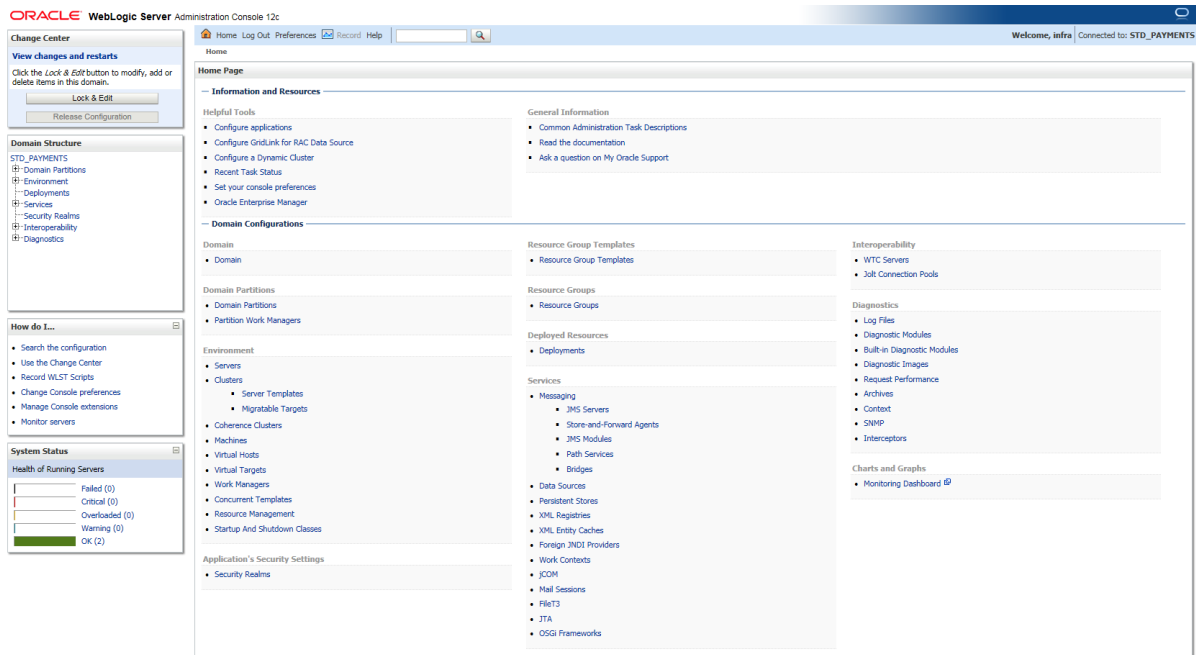
To deploy Oracle Banking Treasury Management Application from Oracle WebLogic administration console, follow the steps given below.

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>

The following screen is displayed:



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



- ORACLE** WebLogic Server Administration Console 12c
Welcome, infra Connected to: STD_PAYMENT

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

 - STD_PAYMENTS
 - Domain Partitions
 - Environments
 - Deployments
 - Services
 - Security Realms
 - Interoperability
 - Diagnostics

How do I...

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

System Status

Health of Running Servers

Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (2)

[Home](#) | [Log Out](#) | [Preferences](#) | [Record Help](#) |

Summary of Deployments

Home » 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

Showing 1 to 60 of 60 Previous Next

Install	Update	Delete	Name	State	Health	Type	Targets	Scope	Domain Partitions	Deployment Order
☐	☐	☐	self.oracle.businessadvisor(1.0,12.2.1.0.0)	Active		Library	AdminServer_payments_pm_server1	Global		100
☐	☐	☐	self.oracle.domain(1.0,12.2.1.0.0)	Active		Library	AdminServer_payments_pm_server1	Global		100
☐	☐	☐	self.oracle.domain.webapp(1.0,12.2.1.0.0)	Active		Library	AdminServer_payments_pm_server1	Global		100
☐	☐	☐	coherence.transaction-war	Active	✓ OK	Resource Adapter	AdminServer_payments_pm_server1	Global		100
☒	☐	☐	OMS Application (12.2.1.0.0)	Active	✓ OK	Web Application	AdminServer_payments_pm_server1	Global		5
☒	☐	☐	esm	Active	✓ OK	Enterprise Application	AdminServer_payments	Global		400
☐	☐	☐	omagentalkimpjw(12.4,12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
☐	☐	☐	omagentalkimp_jar(12.4,12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
☐	☐	☐	omagentadk_jar(12.4,12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
☐	☐	☐	omas	Active		Library	AdminServer_payments	Global		100
☐	☐	☐	omcars	Active		Library	AdminServer_payments	Global		100
☐	☐	☐	omcarclient_jar	Active		Library	AdminServer_payments	Global		100
☐	☐	☐	omcarcommon_jar	Active		Library	AdminServer_payments	Global		100
☐	☐	☐	omcarconsole_jar	Active		Library	AdminServer_payments	Global		100
☐	☐	☐	omcarcontrol_jar(11.2.0.1.0,12.1.0.0.0)	Active		Library	AdminServer_payments	Global		100
☐	☐	☐	omcarcpis_jar	Active		Library	AdminServer_payments	Global		100
☐	☐	☐	omcarcsdkimp_jar(11.2.0.1.0,12.1.0.0.0)	Active		Library	AdminServer_payments	Global		100
☐	☐	☐	omcarcsdk_jar(11.2.0.1.0,12.1.0.0.0)	Active		Library	AdminServer_payments	Global		100
☐	☐	☐	omcars_jar	Active		Library	AdminServer_payments	Global		100
☐	☐	☐	om_car_common(12.4,12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
☐	☐	☐	om_cook_rec_ncls_jar	Active		Library	AdminServer_payments	Global		100

- The screenshot shows the Oracle WebLogic Server Administration Console interface. The top navigation bar includes links for Home, Log Out, Preferences, Record, Help, and a search icon. The user is logged in as 'Welcome, weblogic' and connected to 'FCUBS11'. The main area displays the 'Summary of Deployments' page.

Change Center

View changes and restarts

No pending changes exist. Click the Release Configuration button to allow others to edit the domain.

Buttons: Lock & Edit, Release Configuration

Domain Structure

FCUBS11

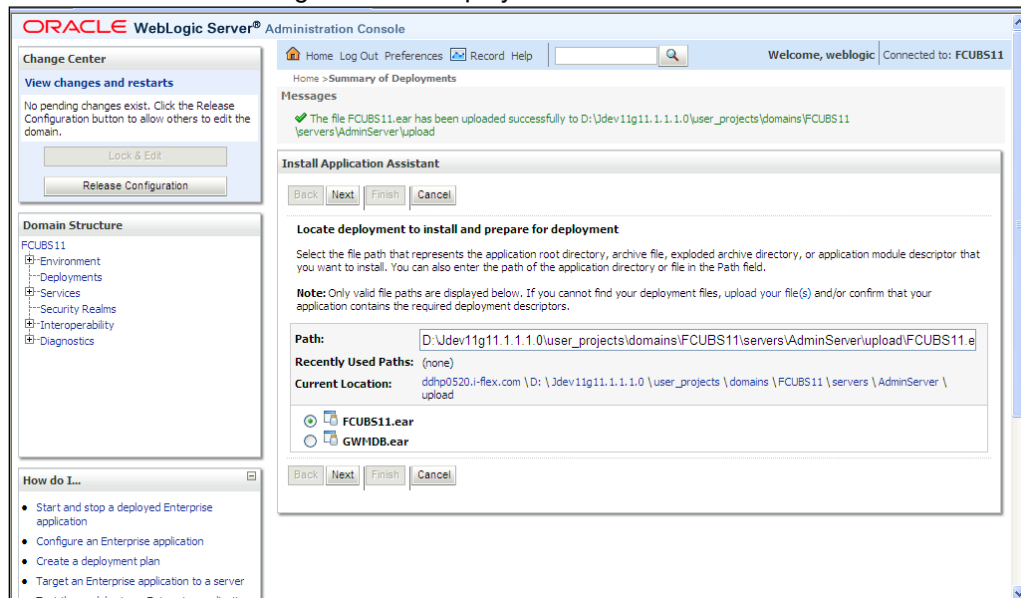
 - Environment
 - Deployments
 - Services
 - Security Realms
 - Interoperability
 - Diagnostics

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
 - Test the module in an Enterprise application

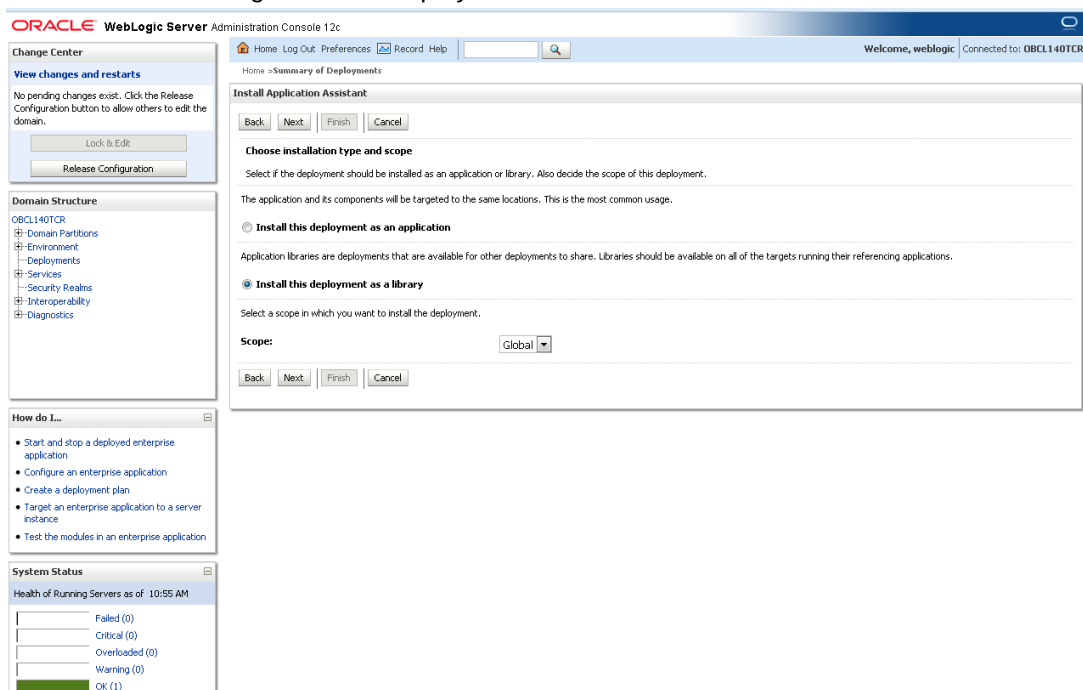
- ORACLE®

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



8. Select the application Adapter EAR from the list.

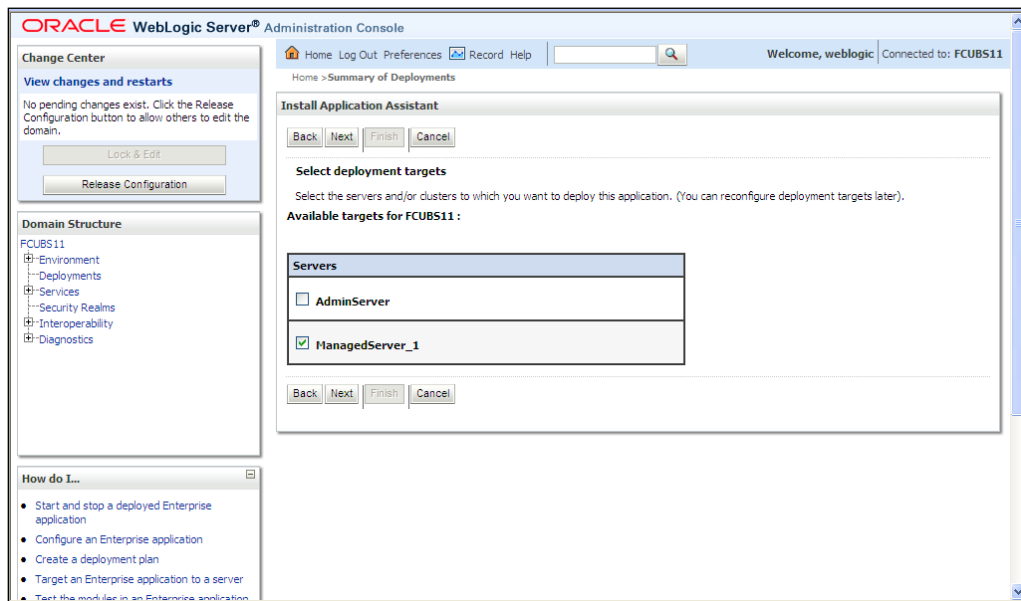
9. Click 'Next'. Following screen is displayed:



10. Choose the targeting style 'Install this deployment as a library'.

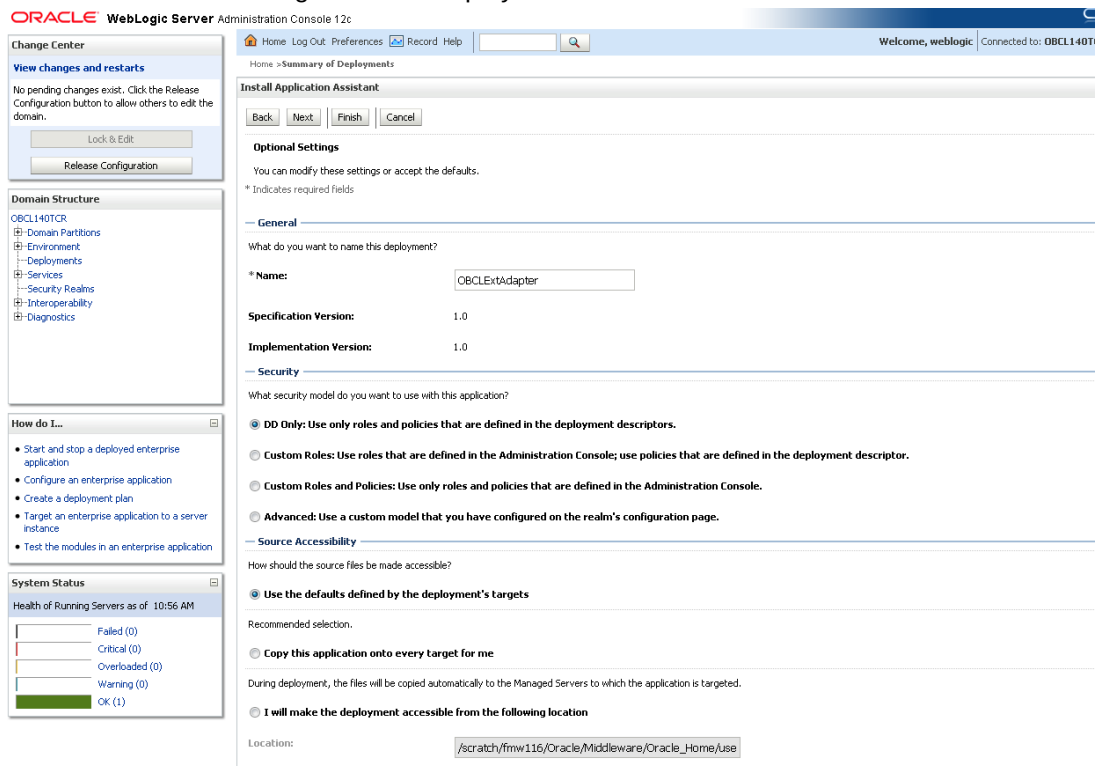
11. Click 'Next'.

12. The following screen is displayed



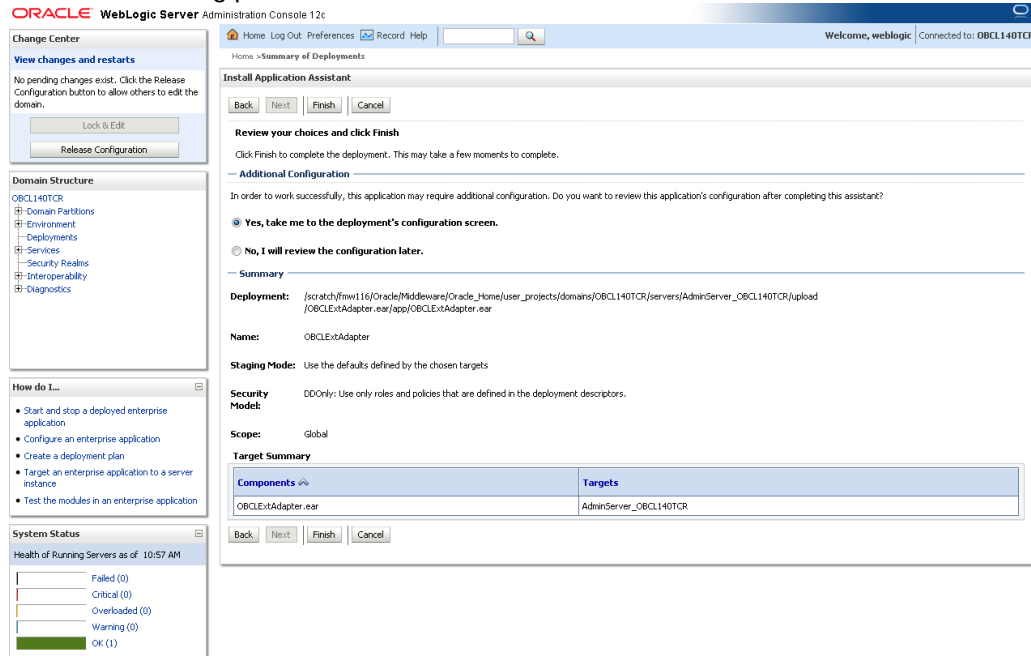
13. Select the target of the application. You can choose the server 'AdminServer' or 'Managed Server(s)'.

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

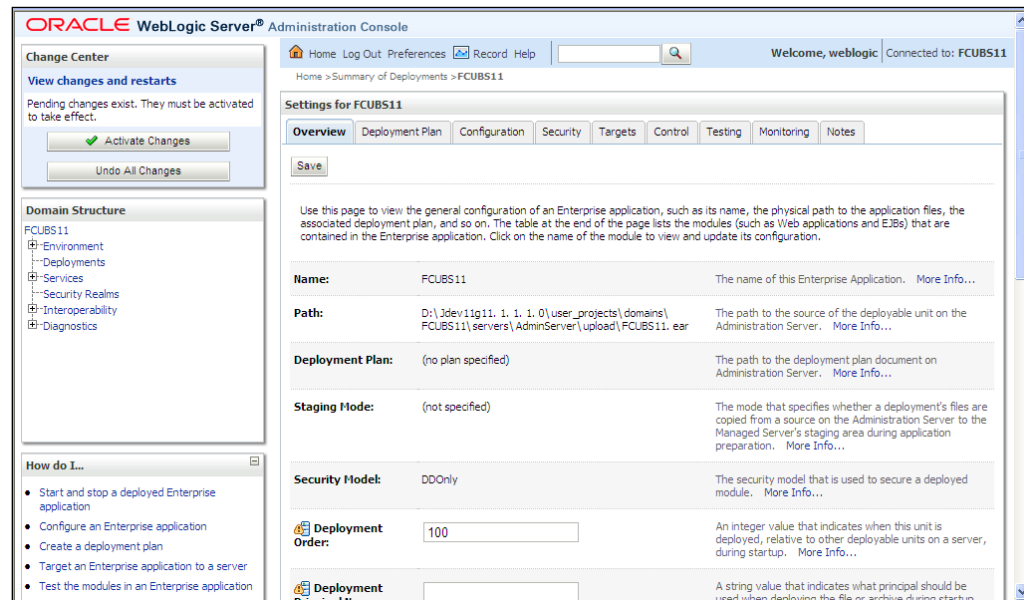


15. Check the deployment name.

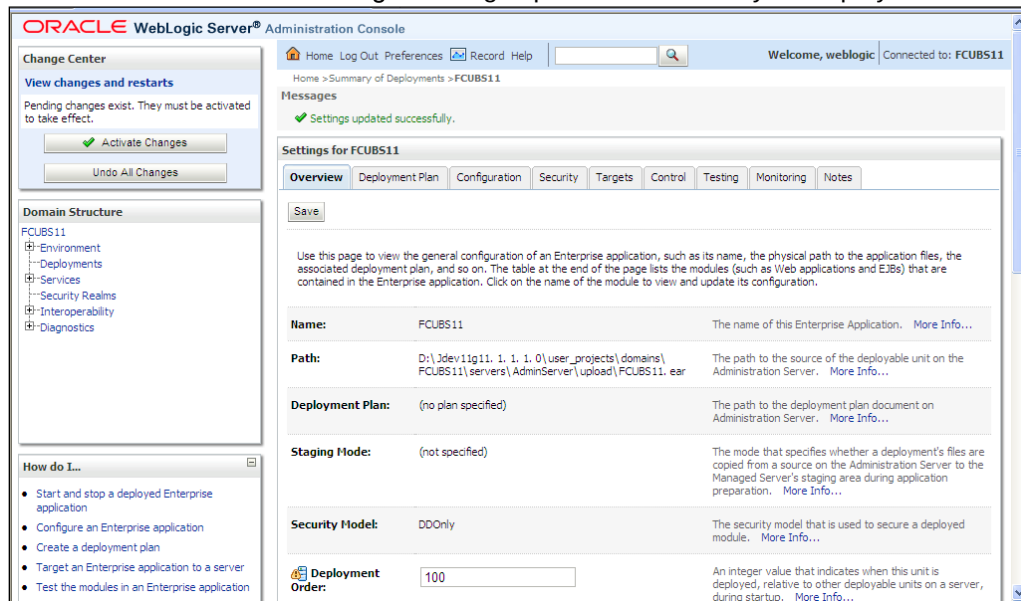
16. The remaining portion of the screen is shown below:



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



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



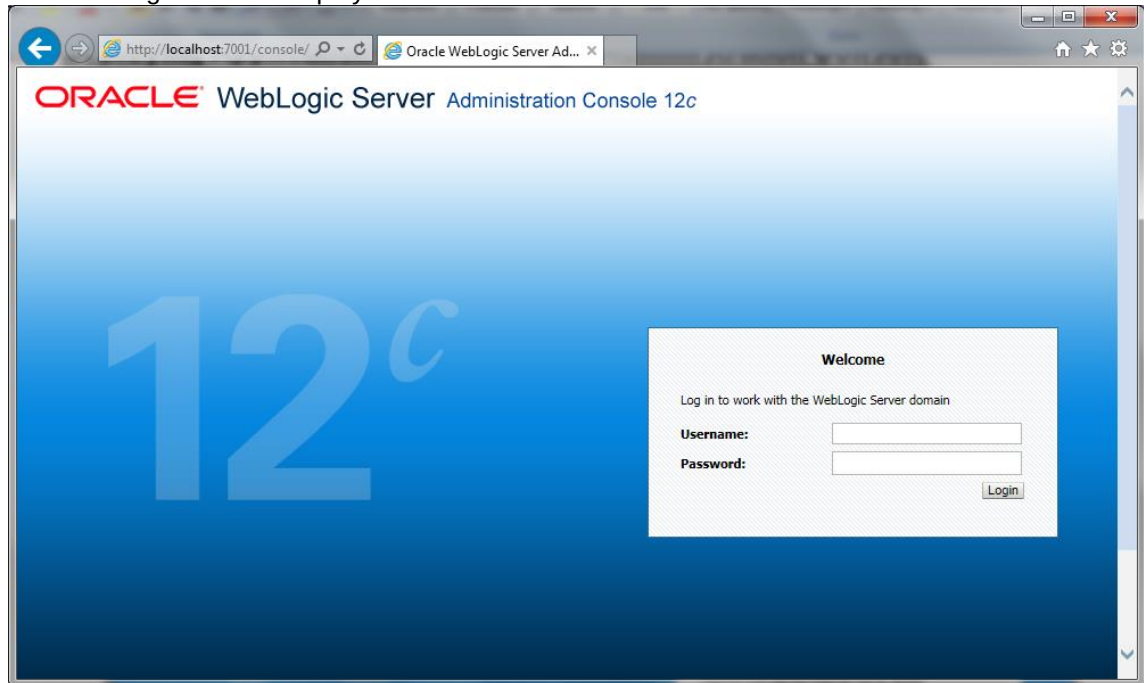
19. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

1.3.2 Deploying Dependency Library "Jax-RS"

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

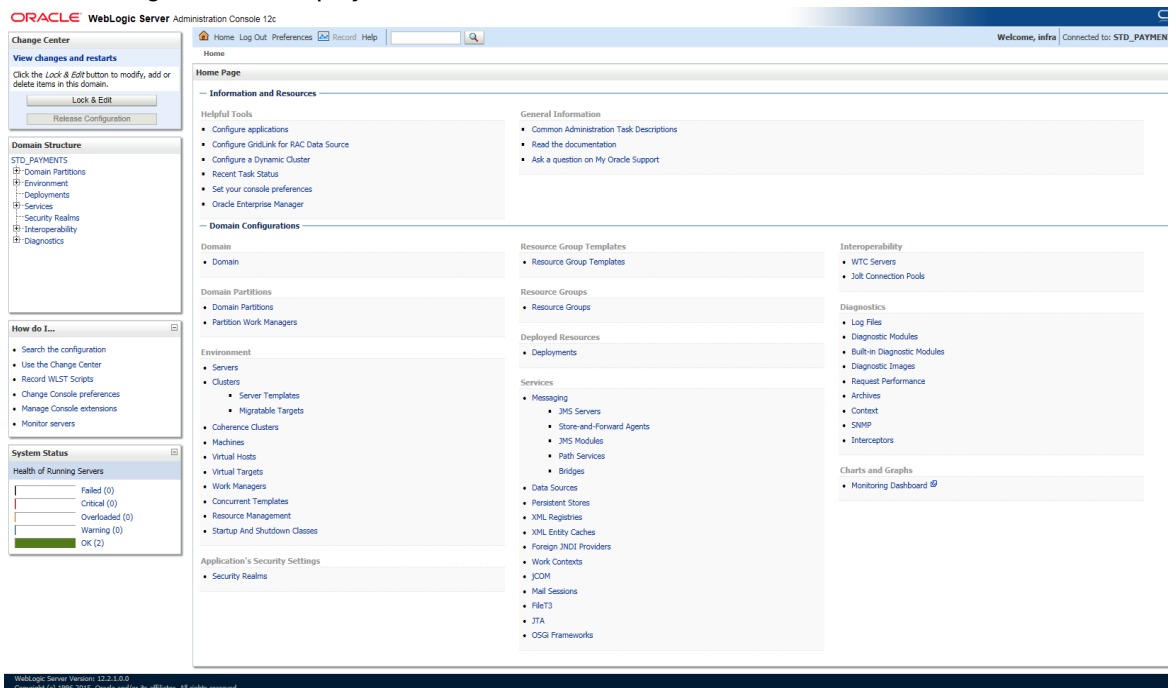
1. Start the Administrative Console of WebLogic application server. You can start this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.
Eg: <http://10.10.10.10:1001/console>

2. The following screen is displayed:



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

The following screen is displayed:



4. Click install button

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, infra Connected to: STD_PAYMENTS

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
STD_PAYMENTS
Domain Partitions
Environment
Deployments
Services
Security Realms
Interoperability
Diagnostics

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
Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (2)

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
adf.oracle.businesseditor(1.0,12.2.1.0.0)	Active		Library	AdminServer_payments, pm_server1	Global	100	
adf.oracle.domain(1.0,12.2.1.0.0)	Active		Library	AdminServer_payments, pm_server1	Global	100	
adf.oracle.domain.webapp(1.0,12.2.1.0.0)	Active		Library	AdminServer_payments, pm_server1	Global	100	
coherence-transaction-rar	Active	OK	Resource Adapter	AdminServer_payments, pm_server1	Global	100	
DMS Application (12.2.1.0.0)	Active	OK	Web Application	AdminServer_payments, pm_server1	Global	5	
em	Active	OK	Enterprise Application	AdminServer_payments	Global	400	
emagenttaskimpl_jar(12.4,12.1.0.4.0)	Active		Library	AdminServer_payments	Global	100	
emagenttaskimpl_jar(12.4,12.1.0.4.0)	Active		Library	AdminServer_payments	Global	100	
emagenttask_jar(12.4,12.1.0.4.0)	Active		Library	AdminServer_payments	Global	100	
emas	Active		Library	AdminServer_payments	Global	100	
emcore	Active		Library	AdminServer_payments	Global	100	
emcoreclient_jar	Active		Library	AdminServer_payments	Global	100	
emcorecommon_jar	Active		Library	AdminServer_payments	Global	100	
emcoreconsole_jar	Active		Library	AdminServer_payments	Global	100	
emcoreend_jar(11.2.0.1.0,12.1.0.0.0)	Active		Library	AdminServer_payments	Global	100	
emcoreepbs_jar	Active		Library	AdminServer_payments	Global	100	
emcoresdkimpl_jar(11.2.0.1.0,12.1.0.0.0)	Active		Library	AdminServer_payments	Global	100	
emcoresdk_jar(11.2.0.1.0,12.1.0.0.0)	Active		Library	AdminServer_payments	Global	100	
emcore_jar	Active		Library	AdminServer_payments	Global	100	
em_common(12.4,12.1.0.4.0)	Active		Library	AdminServer_payments	Global	100	
em core ppc polo jar	Active		Library	AdminServer_payments	Global	100	

No pending changes exist. Click the Release Configuration button to allow others to edit the domain.
Lock & Edit
Release Configuration

Domain Structure
SOADOM3
Domain Partitions
Environment
Deployments
Services
Messaging
Data Sources
Persistent Stores
Foreign JNDI Providers
Work Contexts
XML Registries
XML Entity Caches
JCOM
Mail Sessions

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 6:13 PM
Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (2)

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/bpm12212/user_projects/domains/soadom3/servers/AdminServer/upload/jax-rs-2.0.war/app/jax-rs-2.0.war

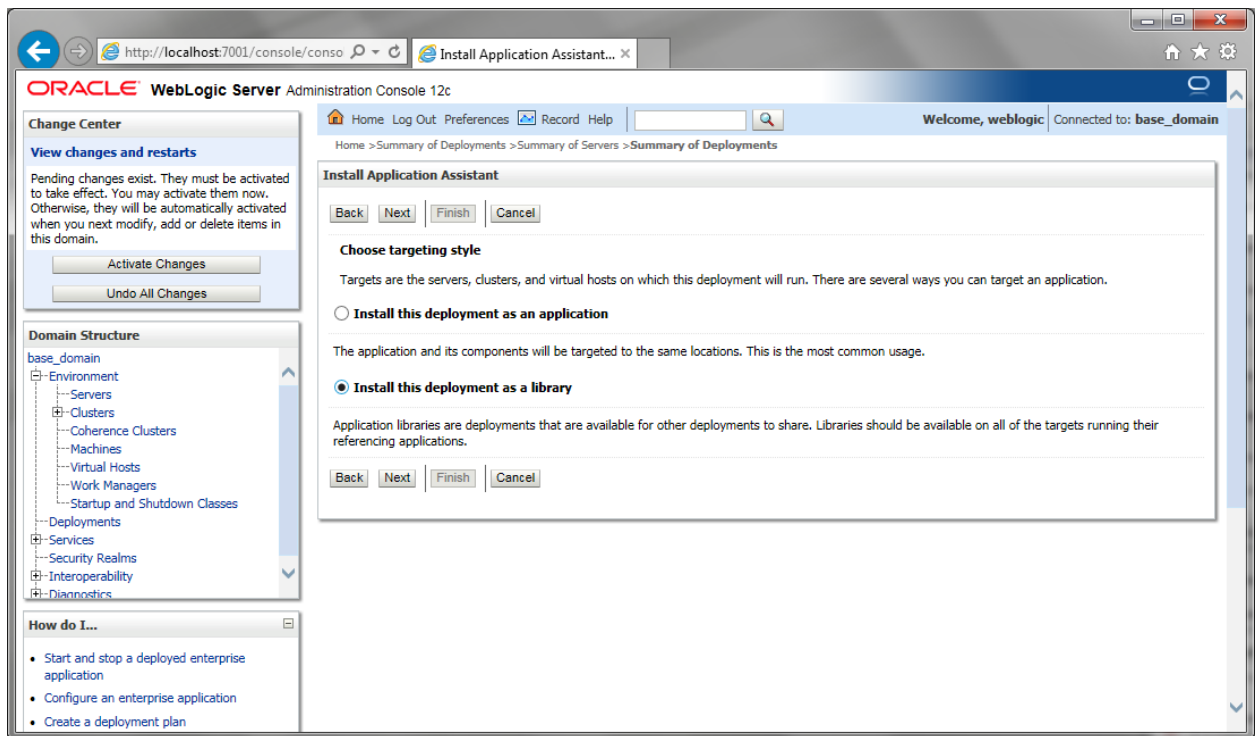
Recently Used Paths: /scratch/app/bpm12212/user_projects/domains/soadom3/servers/AdminServer/upload/FCUBS.ear/app

Current Location: 10.184.158.197 / scratch / app / bpm12212 / user_projects / domains / soadom3 / servers / AdminServer / upload / jax-rs-2.0.war / app

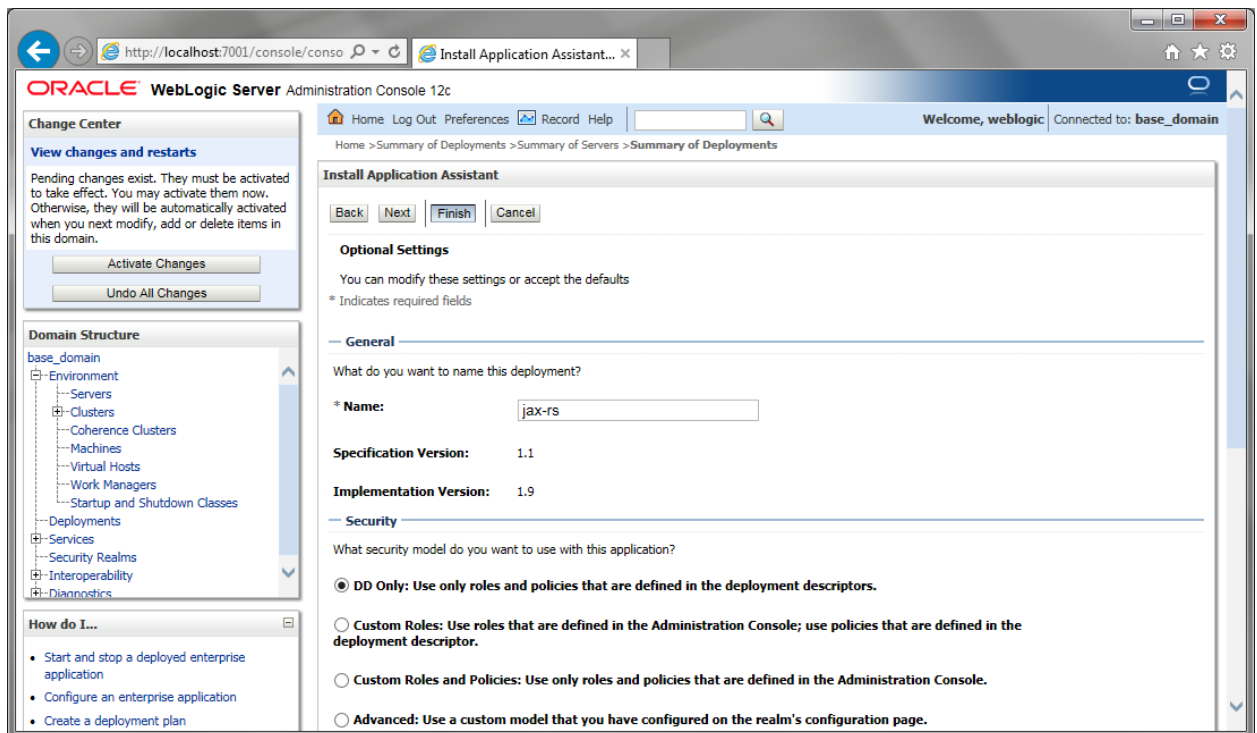
jax-rs-2.0.war
Back Next Finish Cancel

WebLogic Server Version: 12.2.1.2.0
Copyright (c) 1996-2016, Oracle and/or its affiliates. All rights reserved.

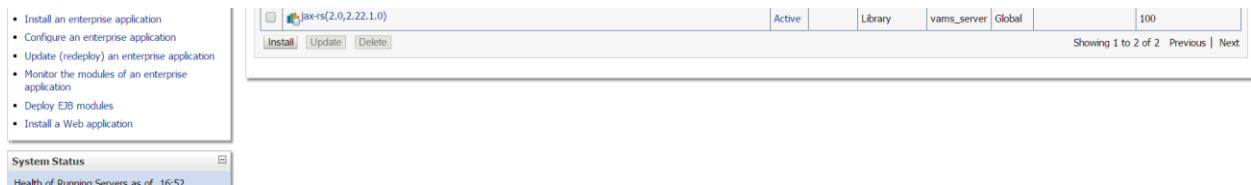
Navigate and select jersey bundle under the path “w\server\common\deployable-libraries\jax-rs-2.0.war” and click next



Select "install this deployment as library", select target server as managed server and click next.



Click finish button



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

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

1.3.3 Deploying OBTR Application from WebLogic Administration Console

To deploy Oracle Banking Treasury Management 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>

The following screen is displayed:



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

WebLogic Server Administration Console 12c

[Home](#)
[Log Out](#)
[Preferences](#)
[Record](#)
[Help](#)

Welcome, infra Connected to: STD_PAYMENT

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

Lock & Edit

Release Configuration

Domain Structure
 STD_PAYMENT
 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

Failed (0)

Critical (0)

Overloaded (0)

Warning (0)

OK (2)

Home

Home Page
Information and Resources
 Helpful Tools
 • Configure applications
 • Configure GridLink for RAC Data Source
 • Configure a Dynamic Cluster
 • Recent Task Status
 • Set your console preferences
 • Oracle Enterprise Manager
 General Information
 • Common Administration Task Descriptions
 • Read the documentation
 • Ask a question on My Oracle Support

Domain Configurations
 Domain
 • Domain
 Resource Group Templates
 • Resource Group Templates
 Domain Partitions
 • Domain Partitions
 • Partition Work Managers
 Environment
 • Servers
 • Clusters
 Server Templates
 Migratable Targets
 • Coherence Clusters
 • Machines
 • Virtual Hosts
 • Virtual Targets
 • Work Managers
 • Concurrent Templates
 • Resource Management
 • Startup And Shutdown Classes
 Application's Security Settings
 • Security Realms

Interoperability
 • WTC Servers
 • Job Connection Pools
 Diagnostics
 • Log Files
 • Diagnostic Modules
 • Built-in Diagnostic Modules
 • Diagnostic Images
 • Request Performance
 • Archives
 • Context
 • SNMP
 • Interceptors
 Charts and Graphs
 • Monitoring Dashboard

Deployed Resources
 • Deployments
 Services
 • Messaging
 JMS Servers
 Store-and-Forward Agents
 JMS Modules
 Path Services
 Bridges
 • Data Sources
 • Persistent Stores
 • XML Registries
 • XML Entity Caches
 • Foreign JNDI Providers
 • Work Contexts
 • JDOM
 • Mail Sessions
 • FileT3
 • JTA
 • OSGi Frameworks

WebLogic Server Version: 12.2.1.0.0
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Click 'Lock & Edit' button to enable the buttons. This action enables the buttons.

ORACLE® WebLogic Server Administration Console 12c

Change Center | Home Log Out Preferences | Record Help | [Search]

Welcome, infra | Connected to STD_PAYMENTS

View changes and restarts

No pending changes exist. Click the Release Configuration button to allow others to edit the domain.

[Lock & Edit] [Release Configuration]

Domains Structure

- STD_PAYMENTS
 - Domain Partitions
 - Environment
 - Deployments
 - Services
 - Security Realms
 - Interoperability
 - Diagnostics

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 (redploy) 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**.

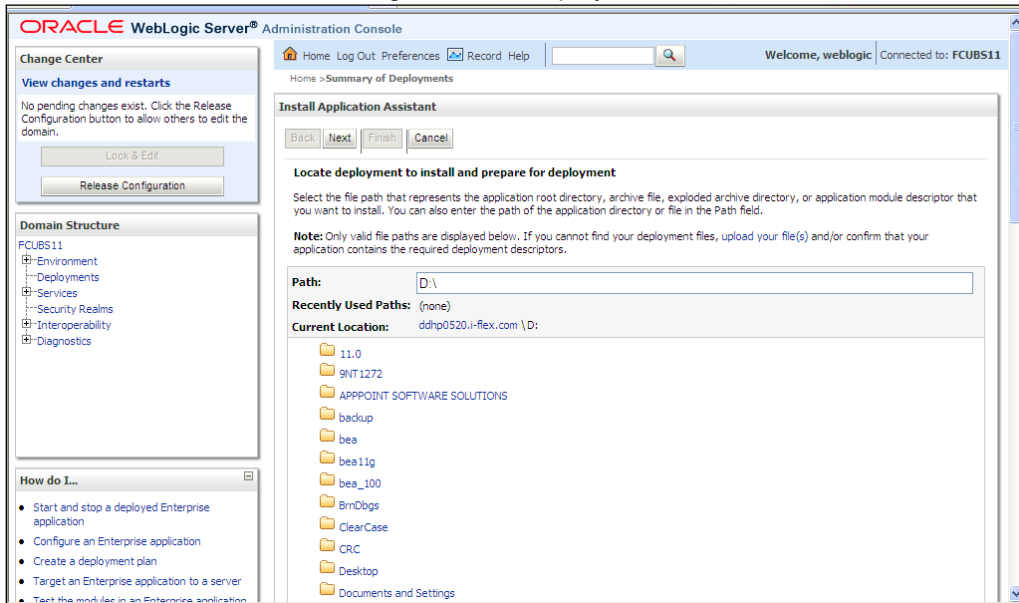
Customize this table

Deployments

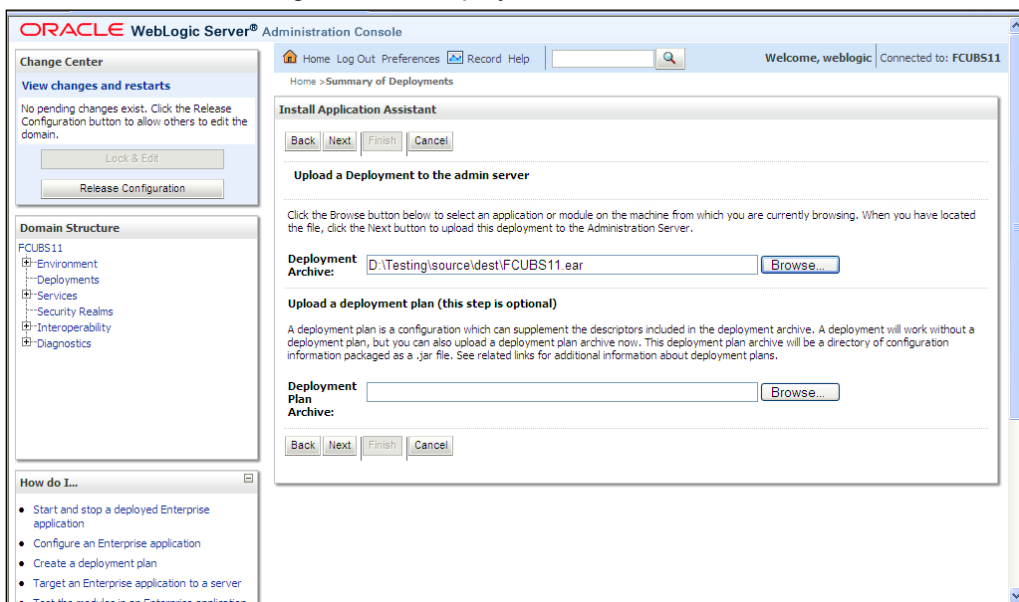
Install Update Delete Showing 1 to 60 of 60 Previous Next

Name	Type	Status	Health	Type	Targets	Scope	Domain Partitions	Deployment Order
☐ jboss.oracle.businesseditor(1.0,12.2.1.0.0)	Library	Active		Library	AdminServer_payments, pm_server1	Global		100
☐ jboss.oracle.domain(1.0,12.2.1.0.0)	Library	Active		Library	AdminServer_payments, pm_server1	Global		100
☐ jboss.oracle.domain.webapp(1.0,12.2.1.0.0)	Library	Active		Library	AdminServer_payments, pm_server1	Global		100
☐ coherence.transaction.jar	Resource Adapter	Active	OK	Resource Adapter	AdminServer_payments, pm_server1	Global		100
☒ GMS Application (12.2.1.0.0)	Web Application	Active	OK	Web Application	AdminServer_payments, pm_server1	Global		5
☒ jmxm	Enterprise Application	Active	OK	Enterprise Application	AdminServer_payments	Global		400
☐ emagentdtsimplpriv_jar(12.4.12.1.0.4.0)	Library	Active		Library	AdminServer_payments	Global		100
☐ emagentdtsimpl_jar(12.4.12.1.0.4.0)	Library	Active		Library	AdminServer_payments	Global		100
☐ emagenttsk_jar(12.4.12.1.0.4.0)	Library	Active		Library	AdminServer_payments	Global		100
☐ emas	Library	Active		Library	AdminServer_payments	Global		100
☐ emencore	Library	Active		Library	AdminServer_payments	Global		100
☐ emencoreclient_jar	Library	Active		Library	AdminServer_payments	Global		100
☐ emencorecommon_jar	Library	Active		Library	AdminServer_payments	Global		100
☐ emencoreconsole_jar	Library	Active		Library	AdminServer_payments	Global		100
☐ emencoretsk_jar(11.2.0.1.0,12.1.0.0.0)	Library	Active		Library	AdminServer_payments	Global		100
☐ emencoreplug_jar	Library	Active		Library	AdminServer_payments	Global		100
☐ emencoredtsimpl_jar(11.2.0.1.0,12.1.0.0.0)	Library	Active		Library	AdminServer_payments	Global		100
☐ emencoredtsk_jar(11.2.0.1.0,12.1.0.0.0)	Library	Active		Library	AdminServer_payments	Global		100
☐ emencore_jar	Library	Active		Library	AdminServer_payments	Global		100
☐ pm_common(12.4.12.1.0.4.0)	Library	Active		Library	AdminServer_payments	Global		100

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

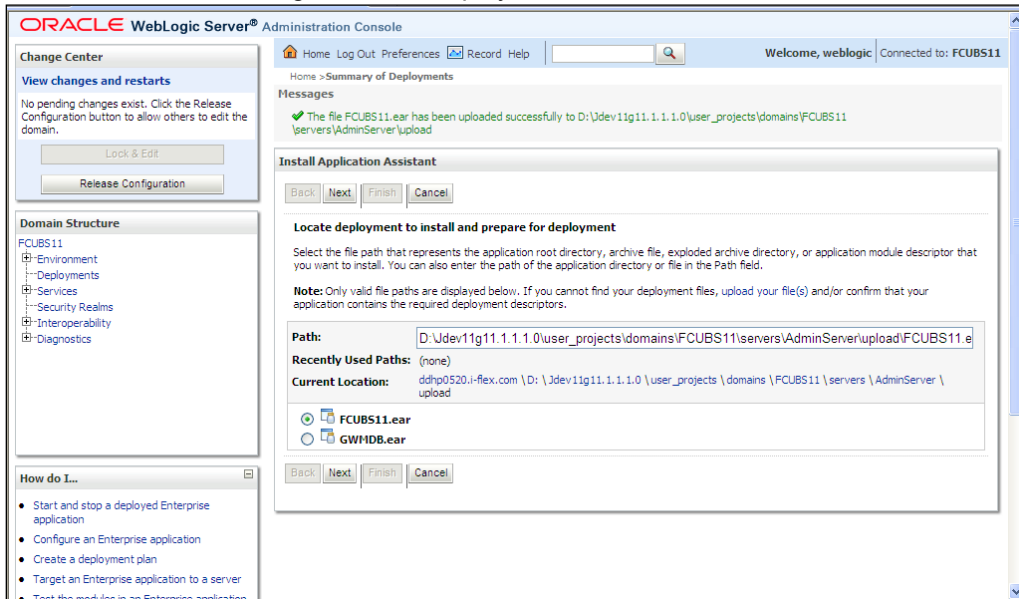


5. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.
6. Click 'Next'. The following screen is displayed:



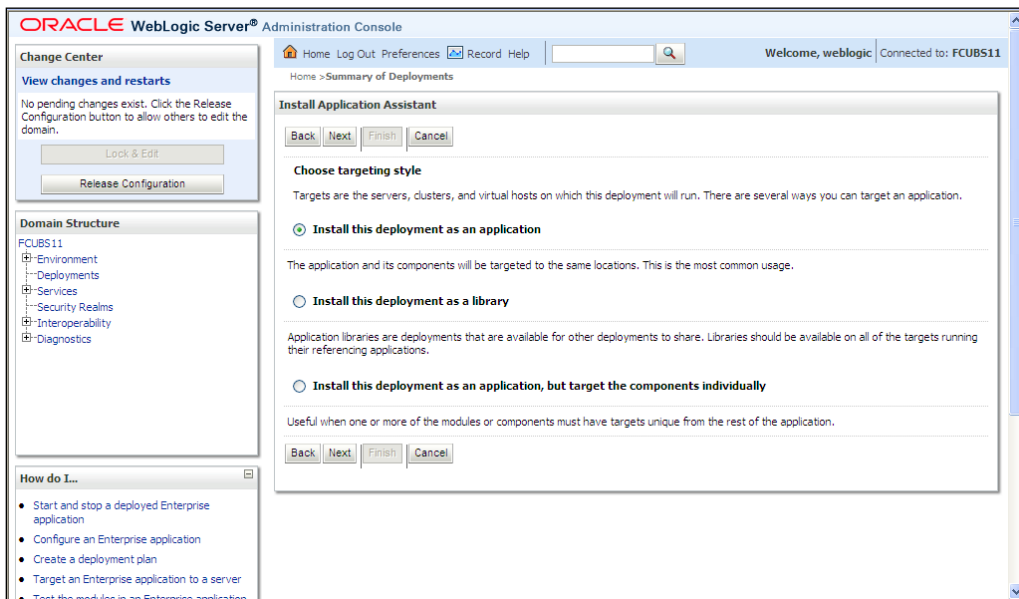
7. Specify the EAR file path. You can use the 'Browse' button to locate the file.

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



9. Select the application OBTR EAR created from the list.

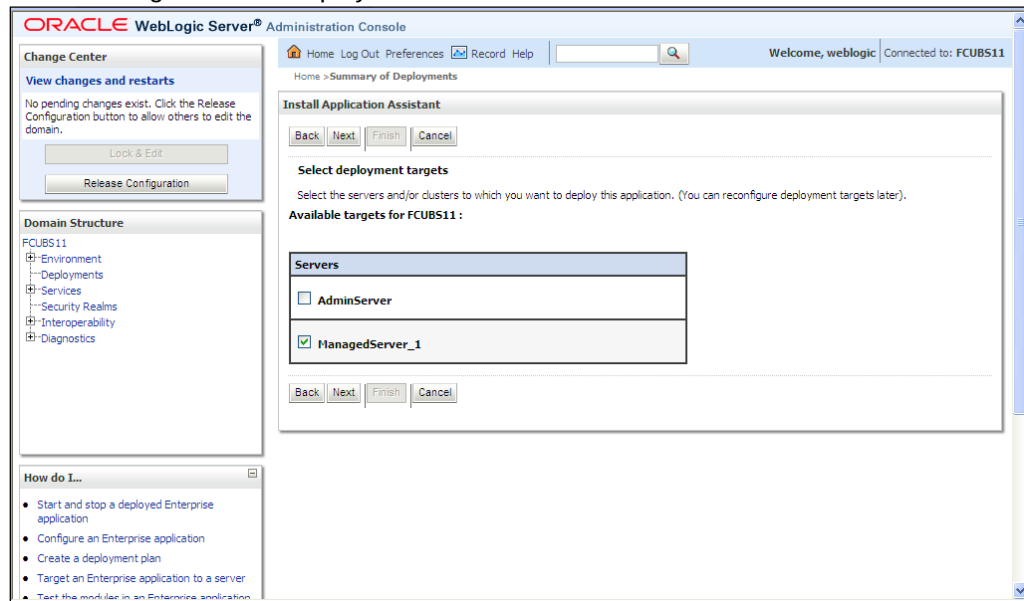
10. Click 'Next'. Following screen is displayed:



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

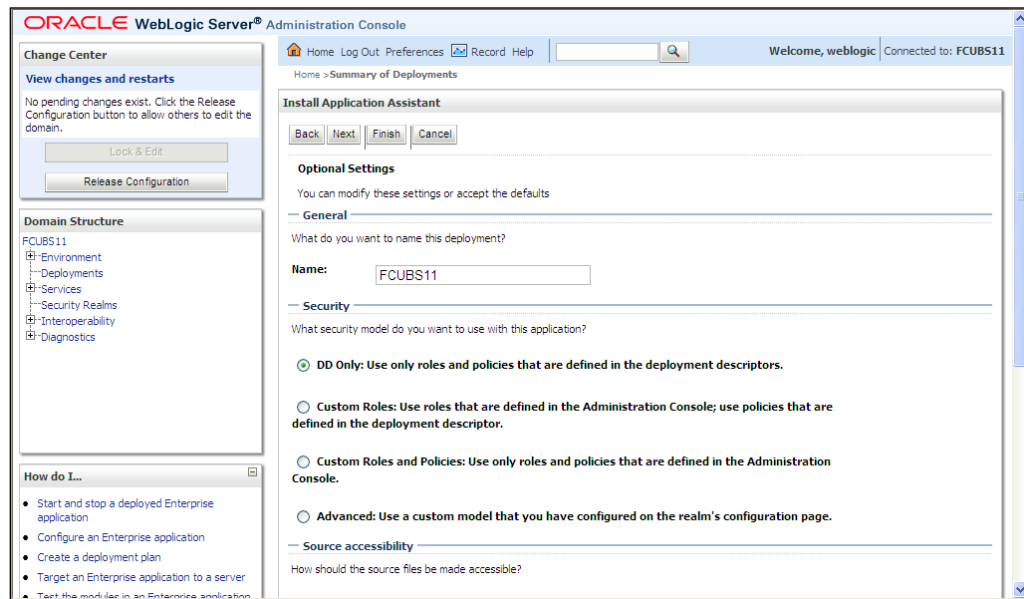
12. Click 'Next'.

The following screen is displayed



13. Select the target of the application. You can choose the server 'AdminServer' or 'Managed Server(s)'.

14. Click 'Next'. The following screen appears.



15. Check the deployment name.

The remaining portion of the screen is shown below:

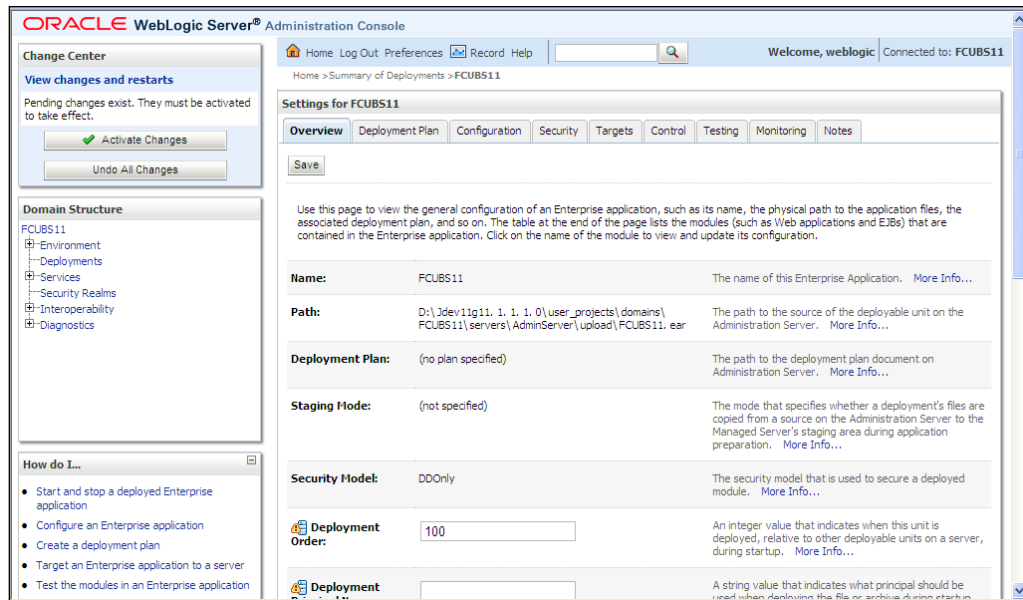
The screenshot shows the 'Security' and 'Source accessibility' configuration screens. On the left, there is a navigation pane with 'Security Realms', 'Interoperability', and 'Diagnostics'. Below it, a 'How do I...' section lists tasks like 'Start and stop a deployed Enterprise application'. The 'System Status' section shows 'Health of Running Servers' with a green bar indicating 'OK (1)'. The main area is divided into two sections: 'Security' and 'Source accessibility'. The 'Security' section asks 'What security model do you want to use with this application?' and has three radio button options: 'DD Only' (selected), 'Custom Roles', and 'Custom Roles and Policies'. The 'Source accessibility' section asks 'How should the source files be made accessible?' and has two radio button options: 'Use the defaults defined by the deployment's targets' (selected) and 'Copy this application onto every target for me'. Below this, there is a 'Location' text box containing 'D:\dev11g11.1.1.0\user_projects\domains\FCUBS11\src' and a 'Recommended selection' section with a radio button option 'I will make the deployment accessible from the following location'. At the bottom, there are 'Back', 'Next', 'Finish', and 'Cancel' buttons.

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

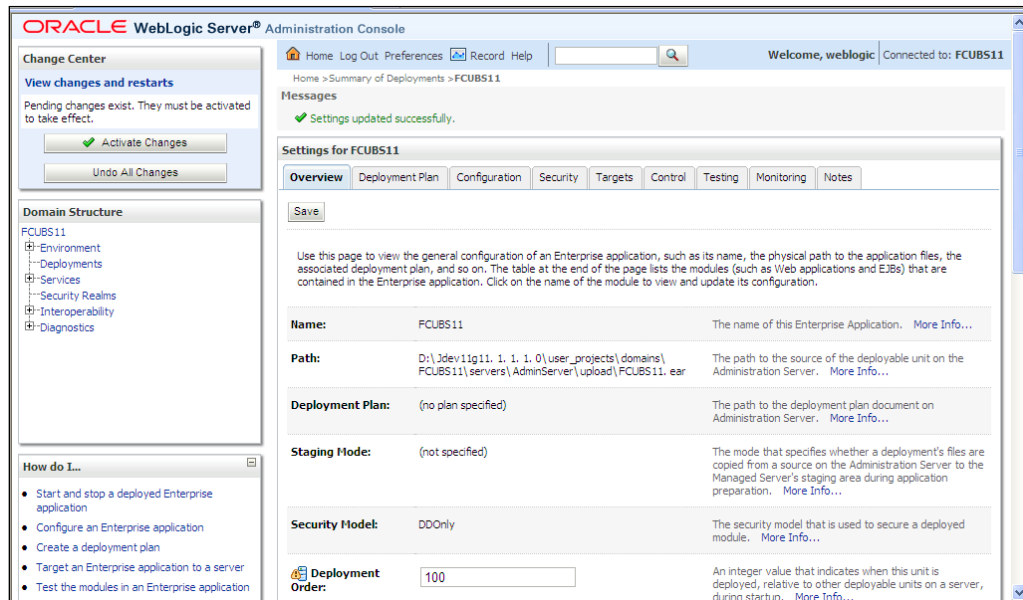
The following screen is displayed.

The screenshot shows the 'Install Application Assistant' screen. On the left, there is a navigation pane with 'Domain Structure' showing 'FCUBS11' and its sub-items: 'Environment', 'Deployments', 'Services', 'Security Realms', 'Interoperability', and 'Diagnostics'. Below it, a 'How do I...' section lists tasks like 'Start and stop a deployed Enterprise application'. The 'System Status' section shows 'Health of Running Servers'. The main area is titled 'Install Application Assistant' and has a 'Review your choices and click Finish' section. Below this, there is an 'Additional configuration' section with a radio button option 'Yes, take me to the deployment's configuration screen.' (selected) and 'No, I will review the configuration later.'. The 'Summary' section shows 'Deployment: D:\dev11g11.1.1.0\user_projects\domains\FCUBS11\servers\AdminServer\upload\FCUBS11.ear', 'Name: FCUBS11', 'Staging mode: Use the defaults defined by the chosen targets', and 'Security Model: DDOnly: Use only roles and policies that are defined in the deployment descriptors.'. Below this, there is a 'Target Summary' table with two columns: 'Components' and 'Targets'. The table contains one row: 'FCUBS11.ear' and 'ManagedServer_1'. At the bottom, there are 'Back', 'Next', 'Finish', and 'Cancel' buttons.

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



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



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

[illegible]

ORACLE WebLogic Server Administration Console 12c

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
 PHC121782
 Domain Partitions
 Environment
 Deployments
 Services
 Security Realms
 Interoperability
 Diagnostics

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
Health of Running Servers
 Failed (0)
 Critical (0)
 Overloaded (0)
 Warning (0)
 OK (2)

Home Log Out Preferences Record Help

Home > 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

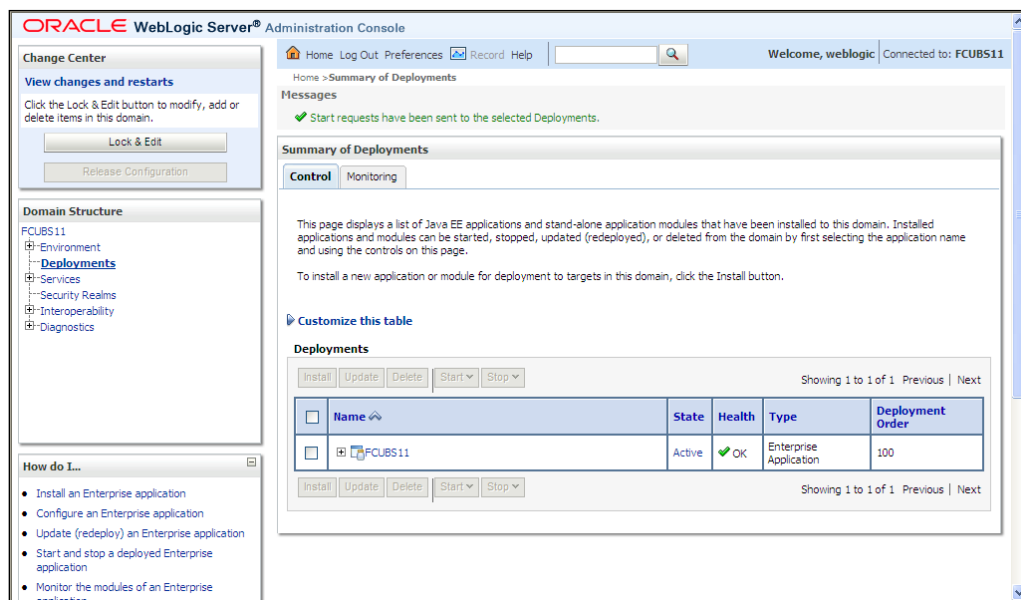
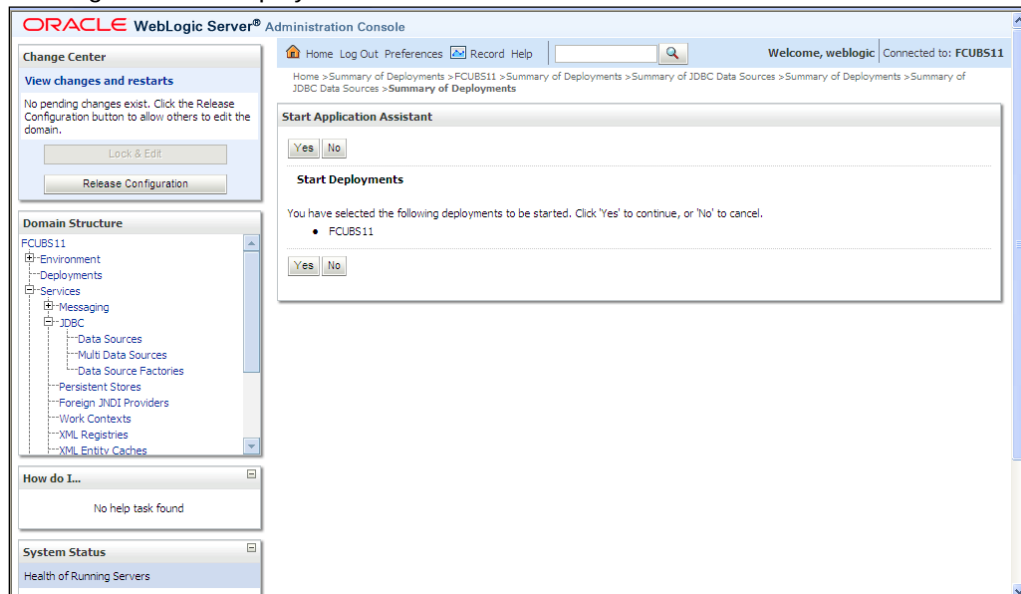
Deployments

Showing 1 to 7 of 7 Previous Next

Start Stop	State	Health	Type	Targets	Scope	Domain Partitions
Sending all requests						
Sending only administration requests						
☐	❌	OK	Resource Adapter	Admin_PMT1R2	Global	
☐	❌	OK	Web Application	Admin_PMT1R2	Global	
☐	❌	OK	Enterprise Application	Admin_PMT1R2	Global	
☒	⚠	Warning	Enterprise Application	payments_server1	Global	
☐	❌	OK	Web Application	Admin_PMT1R2	Global	
☐	❌	OK	EB	payments_server1	Global	
☐	❌	OK	Resource Adapter	Admin_PMT1R2	Global	

Showing 1 to 7 of 7 Previous Next

The following screen is displayed.



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

This completes the deployment process.

1.3.4 Deploying Gateway/Scheduler Applications from WebLogic Administration Console

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

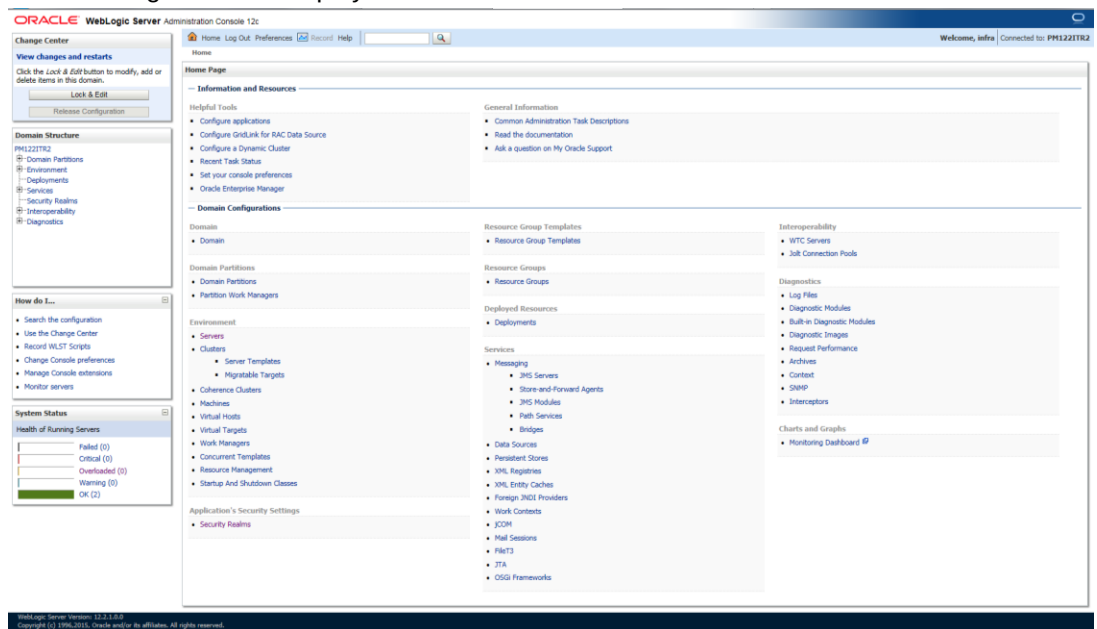
1. Launch Administrative Console of WebLogic application server. You can launch this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.
Eg: <http://10.10.10.10:1001/console>

22. The following screen is displayed:



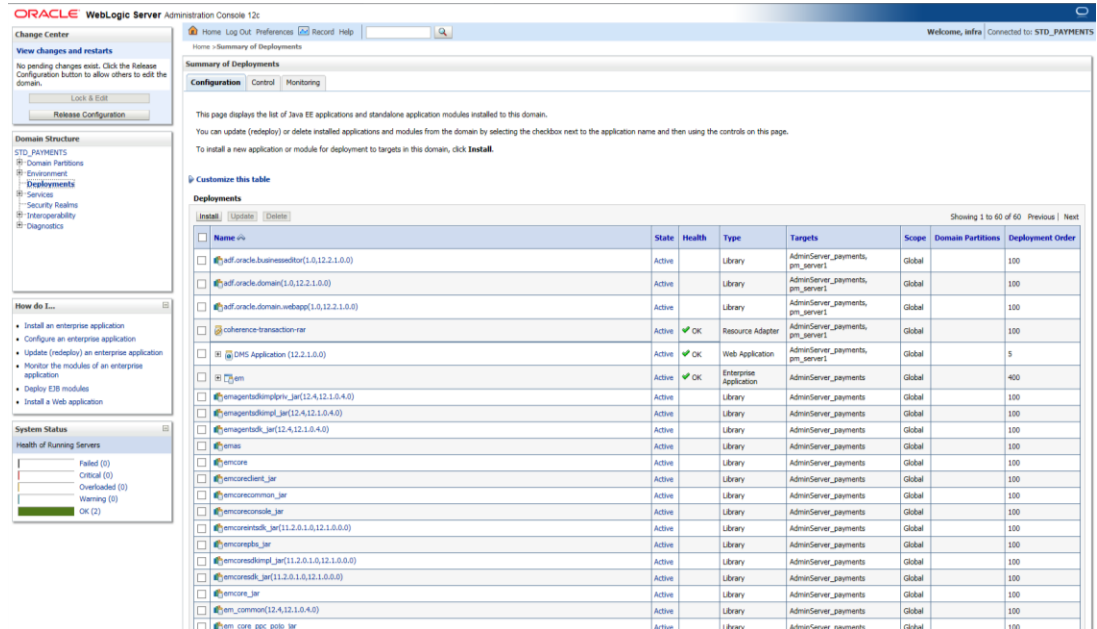
23. Specify the WebLogic administrator user name and password. Click 'Log In'.

The following screen is displayed:

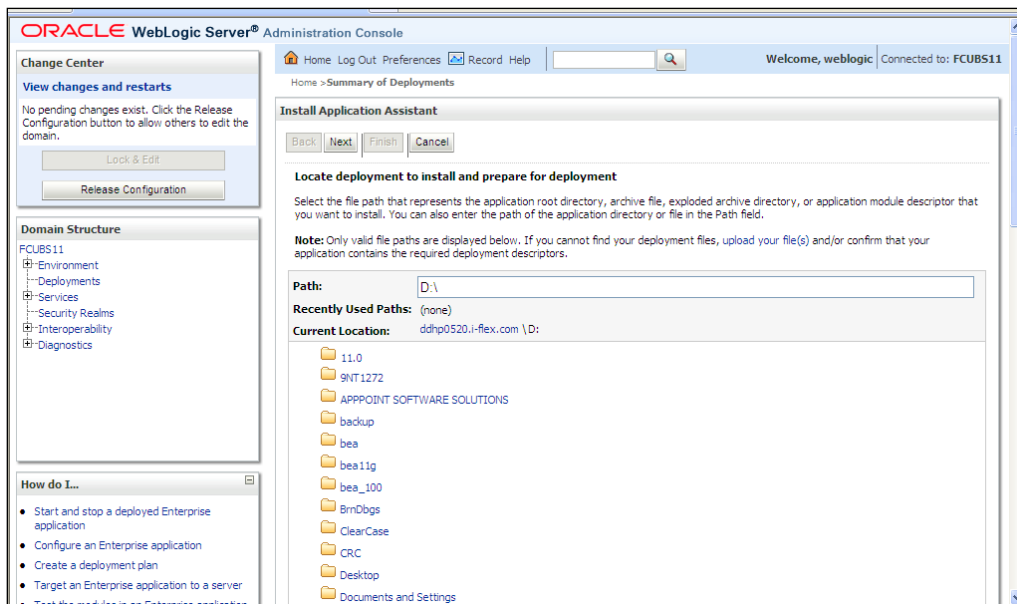


24. You need to deploy an EAR. For e.g. 'GWEJB.ear'. Go to 'Deployment'.

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

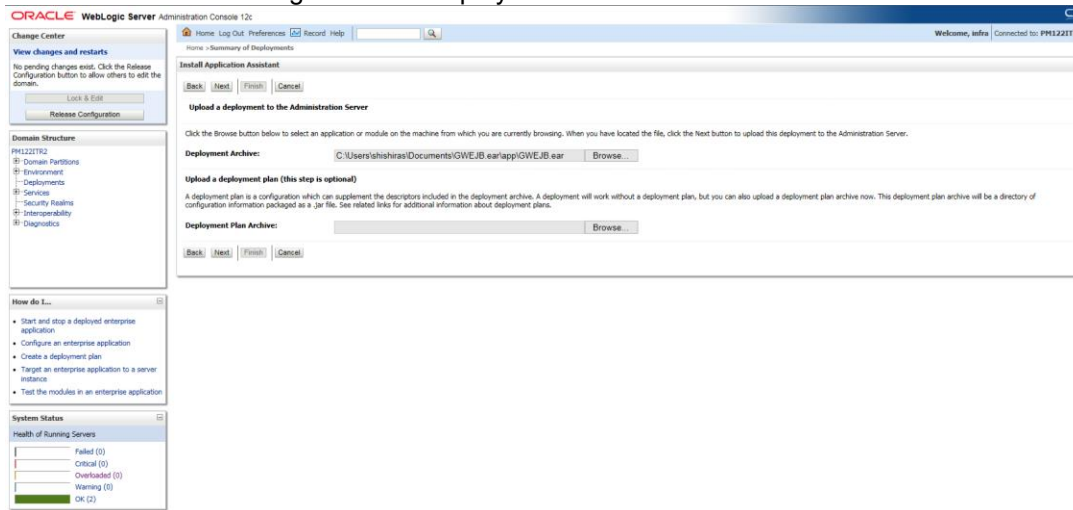


25. Click 'Install' button. The following screen is displayed:



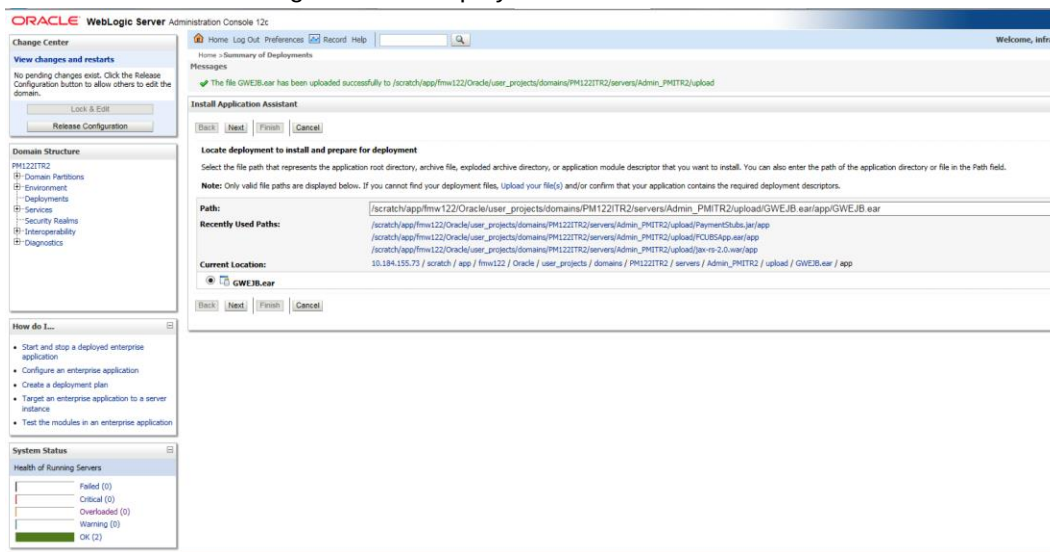
26. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.

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



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

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



30. Select the application from the list.

31. Click 'Next'. 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

Choose installation type and scope

Select if the deployment should be installed as an application or library. Also decide the scope of this deployment.

The application and its components will be targeted to the same locations. This is the most common usage.

☒ **Install this deployment as an application**

Application libraries are deployments that are available for other deployments to share. Libraries should be available on all of the targets running their referencing applications.

☐ **Install this deployment as a library**

☐ **Install this deployment as an application, but target the components individually**

Useful when one or more of the modules or components must have targets unique from the rest of the application.

Select a scope in which you want to install the deployment.

Scope: Global

Back Next Finish Cancel

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

33. Click 'Next'.

The following screen is displayed

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Home > Summary of Deployments

Select deployment targets

Back Next Finish Cancel

Select the servers and/or clusters to which you want to deploy this application. (You can reconfigure deployment targets later).

Available targets for GWEJB :

Servers
☐ Admin_PM1TR2
☒ payments_server1

Back Next Finish Cancel

34. Select the target of the application. You can choose the server 'AdminServer' or 'Managed Server(s)'.

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

Oracle WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: FCAPACK125

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

FCAPACK125

- Domain Partitions
 - Environment
 - Deployments
 - Services
 - Messaging
 - Data Sources
 - Persistent Stores
 - Foreign JNDI Providers
 - Work Contexts
 - XML Registries
 - XML Entity Caches
 - JCOH
 - Mail Sessions

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 2:13 AM

Health	Count
Failed	(0)
Critical	(0)
Overloaded	(0)
Warning	(0)
OK	(2)

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: GWEJB

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

Locations: /scratch/app/v12212/user_projects/domains/FCAPACK125/serv

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

36. Check the deployment name.

The remaining portion of the screen is shown below:

FCAPACK125

- Domain Partitions
 - Environment
 - Deployments
 - Services
 - Messaging
 - Data Sources
 - Persistent Stores
 - Foreign JNDI Providers
 - Work Contexts
 - XML Registries
 - XML Entity Caches
 - JCOH
 - Mail Sessions

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 2:13 AM

Health	Count
Failed	(0)
Critical	(0)
Overloaded	(0)
Warning	(0)
OK	(2)

General

What do you want to name this deployment?

* Name: GWEJB

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

Locations: /scratch/app/v12212/user_projects/domains/FCAPACK125/serv

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

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 screen.

☐ No, I will review the configuration later.

Summary

Deployment: /scratch/app/fmw122/Oracle/user_projects/domains/PM1221TR2/servers/Admin_PM1TR2/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: DOOnly: Use only roles and policies that are defined in the deployment descriptors.

Scope: Global

Components	Targets
GWEJB.ear	payments_server1

Back Next Finish Cancel

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

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, admin | Con

Home > Summary of Deployments > GWEJB(12.2.0.0.0)

Settings for GWEJB(12.2.0.0.0)

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) 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, a partition, or a resource template. [More Info...](#)

Archive Version: 12.2.0.0.0 The archive version, specified from the manifest or overridden during deployment. [More Info...](#)

Path: /scratch/app/fmw122/Oracle/user_projects/domains/PM1221TR2/servers/Admin_PM1TR2/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'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's staging area during application preparation. [More Info...](#)

Security Model: DOOnly 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 during startup. [More Info...](#)

Deployment Principal Name: A string value that indicates the principal that should be used when deploying the file or arc and shutdown. This principal will be used to set the current subject when calling out into interfaces such as ApplicationLifecycleListener. If no principal name is specified, then the arc will be used. [More Info...](#)

Save

Modules and Components

Showing 1 to 1 of 1

Name
GWEJB (12.2.0.0.0)

Expand Collapse

PCMainProcEJB

PCSnvRouterEJB

GWEJB

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

The screenshot shows the Oracle WebLogic Server Administration Console. On the left, the 'Change Center' pane has 'Activate Changes' selected. The main pane displays the 'Settings for GWEJB (12.2.0.0.0)' configuration page. A message at the top indicates 'Settings updated successfully.' The configuration details include:

- Name:** GWEJB
- Scope:** Global
- Archive Version:** 12.2.0.0.0
- Path:** / scratch/ app/ fmw122/ Oracle/ user_projects/ domains/ PM1221TR2/ servers/ Admin_PM12TR2/ upload/ GWEJB. ear/ app/ GWEJB. ear
- Deployment Plan:** (no plan specified)
- Staging Mode:** (not specified)
- Plan Staging Mode:** (not specified)
- Security Model:** DOOnly
- Deployment Order:** 100
- Deployment Principal Name:** (empty field)

At the bottom, the 'Modules and Components' section lists GWEJB (12.2.0.0.0) with sub-components EJBs, PCMainProcEJB, and PCSrvRouterEJB.

39. 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:

This screenshot shows the same Oracle WebLogic Server Administration Console, but the 'Change Center' on the left now has 'Lock & Edit' selected. The main configuration page for GWEJB remains the same. A message at the top indicates 'All changes have been activated. No restarts are necessary.' The configuration details are identical to the previous screenshot.

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, infra Connected to

Home > Summary of Deployments > GWEJB(12.2.0.0.0) > 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

Servicing all requests

Servicing only administration requests

	State	Health	Type	Targets	Scope	Domain Partition
☒ GWEJB(12.2.0.0.0)	Active	OK	Resource Adapter	Admin_PMTIR2	Global	
☐ DMS Application (12.2.1.0.0)	Active	OK	Web Application	Admin_PMTIR2	Global	
☐ em	Active	OK	Enterprise Application	Admin_PMTIR2	Global	
☐ FCUBSApp (12.2.0.0.0)	Active	Warning	Enterprise Application	payments_server1	Global	
☒ GWEJB (12.2.0.0.0)	Prepared	OK	Enterprise Application	payments_server1	Global	
☐ opss-rest	Active	OK	Web Application	Admin_PMTIR2	Global	
☐ PaymentStubs	Active	OK	EJB	payments_server1	Global	
☐ state-management-provider-memory-rar	Active	OK	Resource Adapter	Admin_PMTIR2	Global	

Showing 1 to 8 of 8 Prev

Start Stop

Showing 1 to 8 of 8 Prev

WebLogic Server Version: 12.2.1.0.0
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40. Click 'Start' drop-down button and select 'Servicing all requests'.

41. The following screen is displayed.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, infra Connected to

Home > Summary of Deployments > GWEJB(12.2.0.0.0) > Summary of Deployments

Start Application Assistant

Yes No

Start Deployments

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

- GWEJB(12.2.0.0.0)

Yes No

WebLogic Server Version: 12.2.1.0.0
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42. Click 'Yes'. The following screen is displayed.

Oracle WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, infra Connected to: PPM1221R2

Home > Summary of Deployments > GWSS(12.2.0.0.0) > Summary of Deployments

Messages

Start requests have been sent to the selected 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
☐ coherence-transaction-war	Active	OK	Resource Adapter	Admin_PMTSR2	Global	
☐ OMS Application (12.2.1.0.0)	Active	OK	Web Application	Admin_PMTSR2	Global	
☐ em	Active	OK	Enterprise Application	Admin_PMTSR2	Global	
☐ FCMBSApp (12.2.0.0.0)	Active	Warning	Enterprise Application	payments_server1	Global	
☐ GWSS (12.2.0.0.0)	Active	OK	Enterprise Application	payments_server1	Global	
☐ opss-rest	Active	OK	Web Application	Admin_PMTSR2	Global	
☐ PaymentStub	Active	OK	EDB	payments_server1	Global	
☐ state-management-provider-memory-war	Active	OK	Resource Adapter	Admin_PMTSR2	Global	

Showing 1 to 8 of 8 Previous Next

Start Stop

Showing 1 to 8 of 8 Previous Next

System Status

Health of Running Servers

Failed (0)

Critical (0)

Overloaded (0)

Warning (0)

OK (2)

WebLogic Server version: 12.2.1.0.0
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This completes the deployment process.

1. Repeat the same steps from 1.3.3 for deploying GWWS(gateway webservices),Gateway MDB & Gateway HTTP servlet



Deploying Oracle Banking Treasury Management on WebLogic

[November] [2023]

Version 14.7.2.0.0

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