

Deploying Oracle Banking Trade Finance Application on
WebLogic
Oracle Banking Trade Finance
Release 14.5.0.0.0
Part No. F42342-01
[May] [2021]



Table of Contents

1.	DEPLOYING ORACLE BANKING TRADE FINANCE ON WEBLOGIC.....	1-1
1.1	INTRODUCTION	1-1
1.2	BUILDING APPLICATION	1-1
1.2.1	<i>Building Application in Centralized Mode</i>	<i>1-1</i>
1.2.2	<i>Building Application in Decentralized Mode.....</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 FCUBS 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 Trade Finance on WebLogic

1.1 Introduction

This chapter explains the steps to deploy Oracle Banking Trade Finance 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 Trade Finance 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 Decentralized Mode'. This includes the following details:

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

1.3 Deploying Application in Oracle WebLogic

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

1.3.1 Deploying Integration Adapter EAR from WebLogic Administration Console

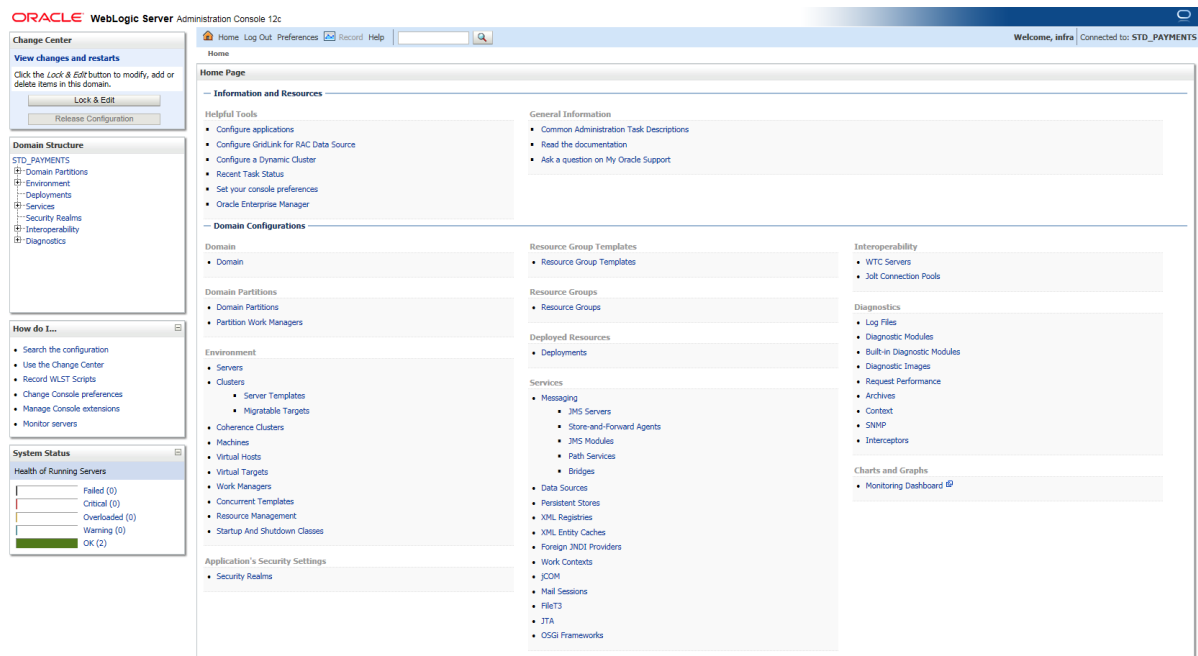
To deploy Oracle Banking Trade Finance Application from Oracle WebLogic administration console, follow the steps given below.

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:



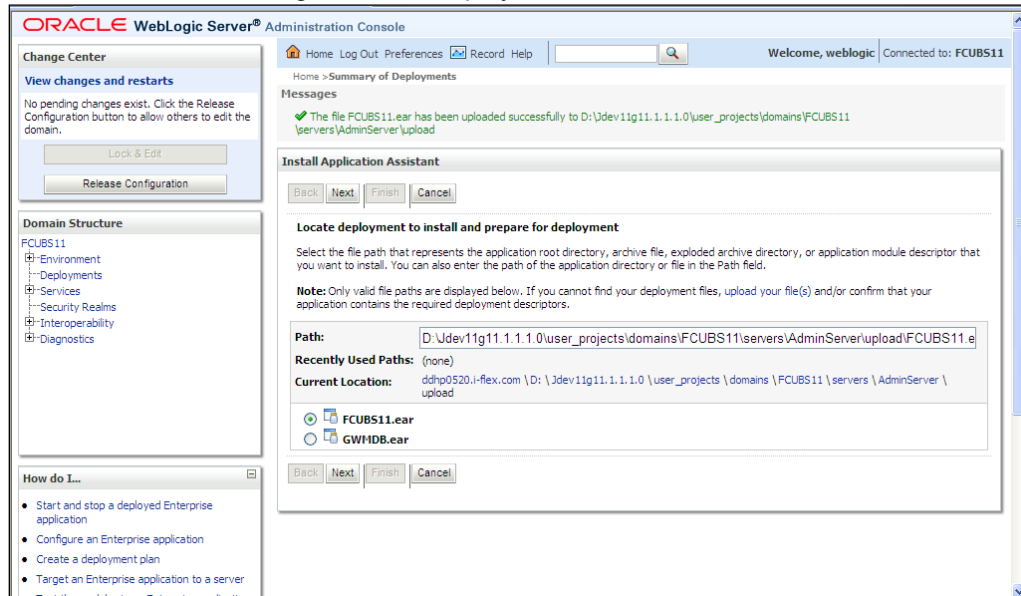
2. Specify the WebLogic administrator user name and password. Click 'Log In'.



3. You need to deploy an Integration adapter EAR. For e.g. 'OBCLExtAdapter.ear or ExtAdapter.ear'. Go to 'Deployment'.

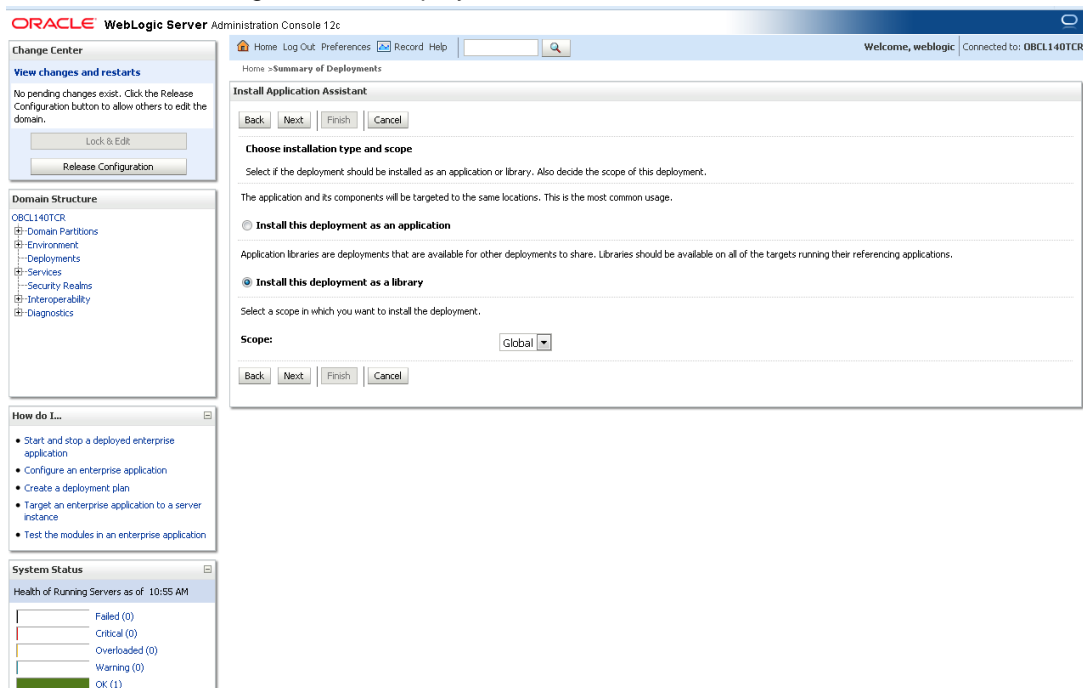
Click 'Lock & Edit' button to enable the buttons. This action enables the buttons.

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



8. Select the application Adapter EAR from the list.

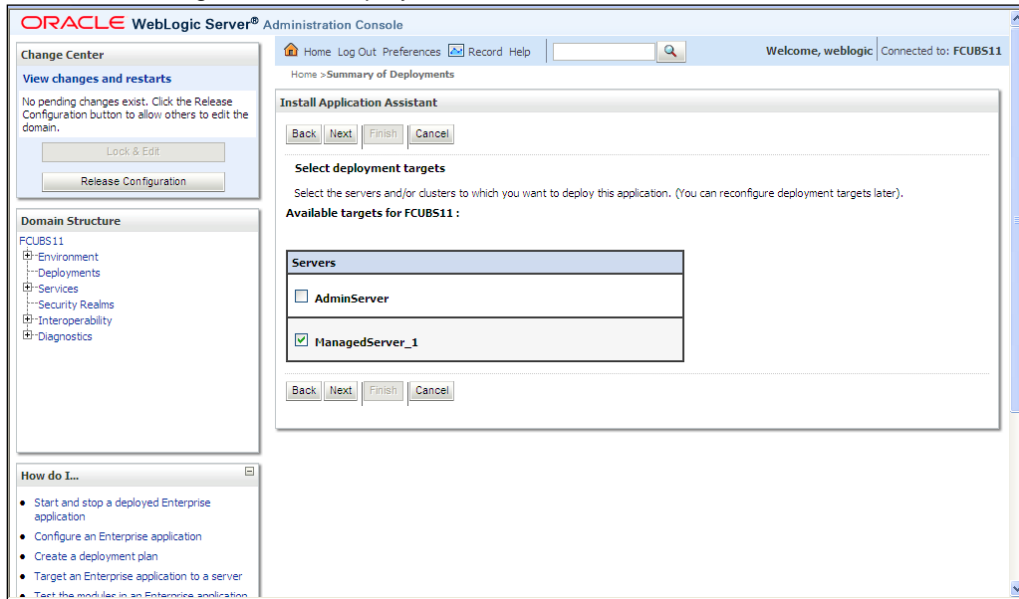
9. Click 'Next'. Following screen is displayed:



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

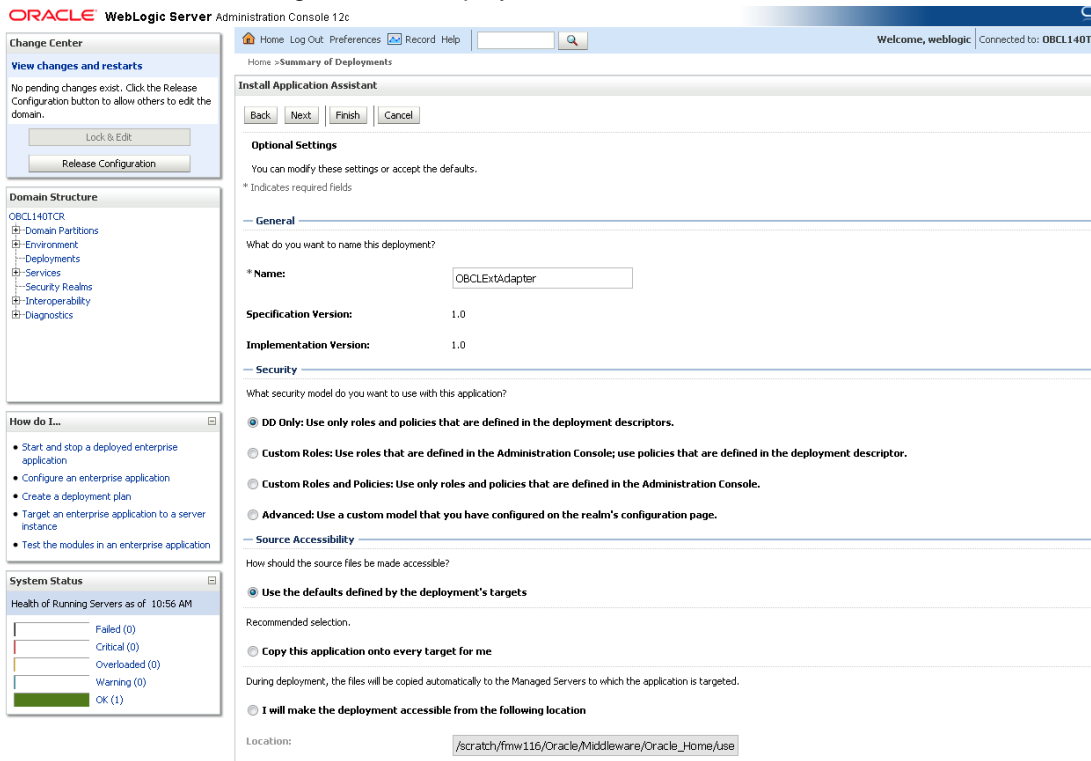
11. Click 'Next'.

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:

The screenshot shows the Oracle WebLogic Server Administration Console. On the left, there is a 'Change Center' panel with 'View changes and restarts' and 'Release Configuration' buttons. Below it is the 'Domain Structure' tree showing 'OBCL140TCR' and its sub-nodes. Further down is a 'How do I...' section with links to start/stop, configure, create deployment plan, target application, and test modules. At the bottom is the 'System Status' panel showing 'Health of Running Servers as of 10:57 AM' with a bar chart indicating 'OK (1)'.

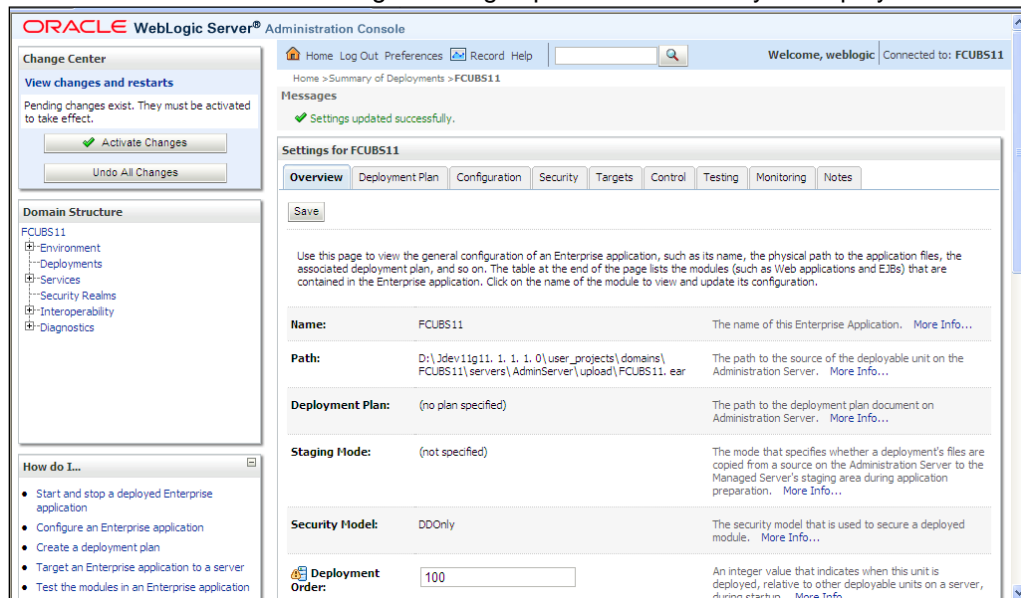
The main content area is titled 'Home > Summary of Deployments' and 'Welcome, weblogic | Connected to: OBCL140TCR'. It displays the 'Install Application Assistant' for 'OBCL140TCR'. The 'Review your choices and click Finish' section shows the deployment path: `/scratch/fmw116/Oracle/Middleware/Oracle_Home/user_projects/domains/OBCL140TCR/servers/AdminServer_OBCL140TCR/upload/OBCL140TCRAdapter.ear/app/OBCL140TCRAdapter.ear`. The 'Name' is 'OBCL140TCRAdapter'. The 'Staging Mode' is 'Use the defaults defined by the chosen targets'. The 'Security Model' is 'DDOnly'. The 'Scope' is 'Global'. A 'Target Summary' table shows the component 'OBCL140TCRAdapter.ear' targeting 'AdminServer_OBCL140TCR'. At the bottom are 'Back', 'Next', 'Finish', and 'Cancel' buttons.

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

The screenshot shows the Oracle WebLogic Server Administration Console. On the left, the 'Change Center' panel shows 'Pending changes exist. They must be activated to take effect.' with 'Activate Changes' and 'Undo All Changes' buttons. The 'Domain Structure' tree shows 'FCUBS11' and its sub-nodes. The 'How do I...' section is the same as in the previous screenshot.

The main content area is titled 'Home > Summary of Deployments > FCUBS11' and 'Welcome, weblogic | Connected to: FCUBS11'. It displays the 'Settings for FCUBS11' with tabs for 'Overview', 'Deployment Plan', 'Configuration', 'Security', 'Targets', 'Control', 'Testing', 'Monitoring', and 'Notes'. The 'Overview' tab is selected. It shows the 'Name' as 'FCUBS11', the 'Path' as `D:\dev11g11.1.1.1.0\user_projects\domains\FCUBS11\servers\AdminServer\upload\FCUBS11.ear`, the 'Deployment Plan' as '(no plan specified)', and the 'Staging Mode' as '(not specified)'. The 'Security Model' is 'DDOnly'. The 'Deployment Order' is '100'. The 'Deployment' field is empty. At the bottom are 'Back', 'Next', 'Finish', and 'Cancel' buttons.

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



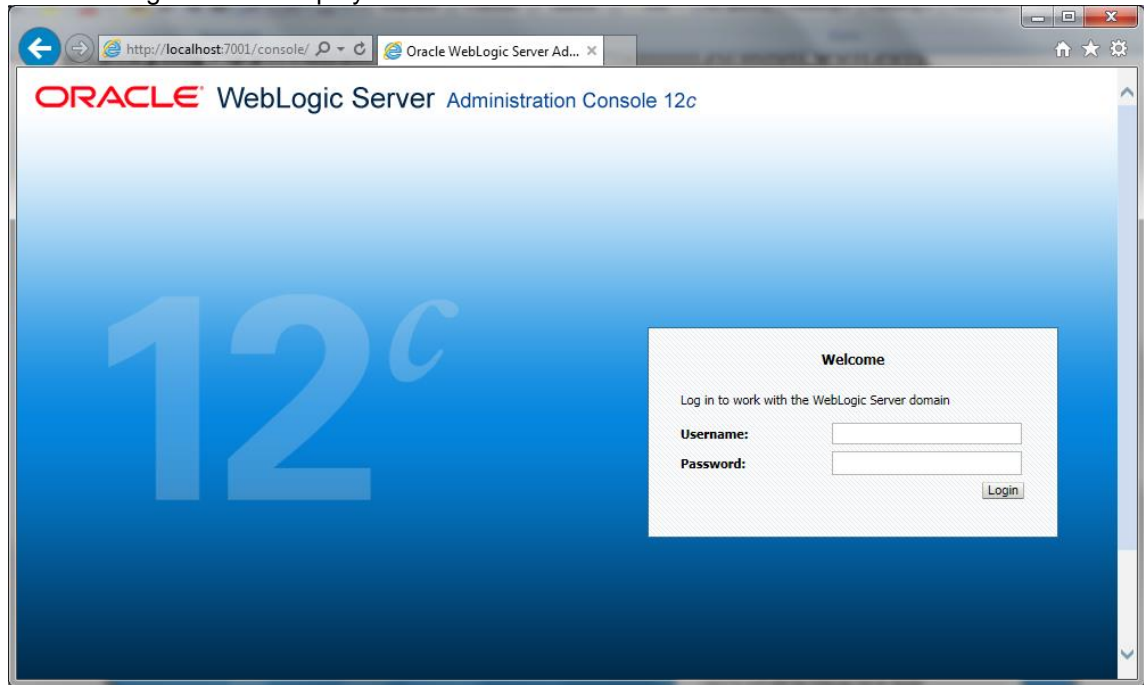
19. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

1.3.2 Deploying Dependency Library "Jax-RS"

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

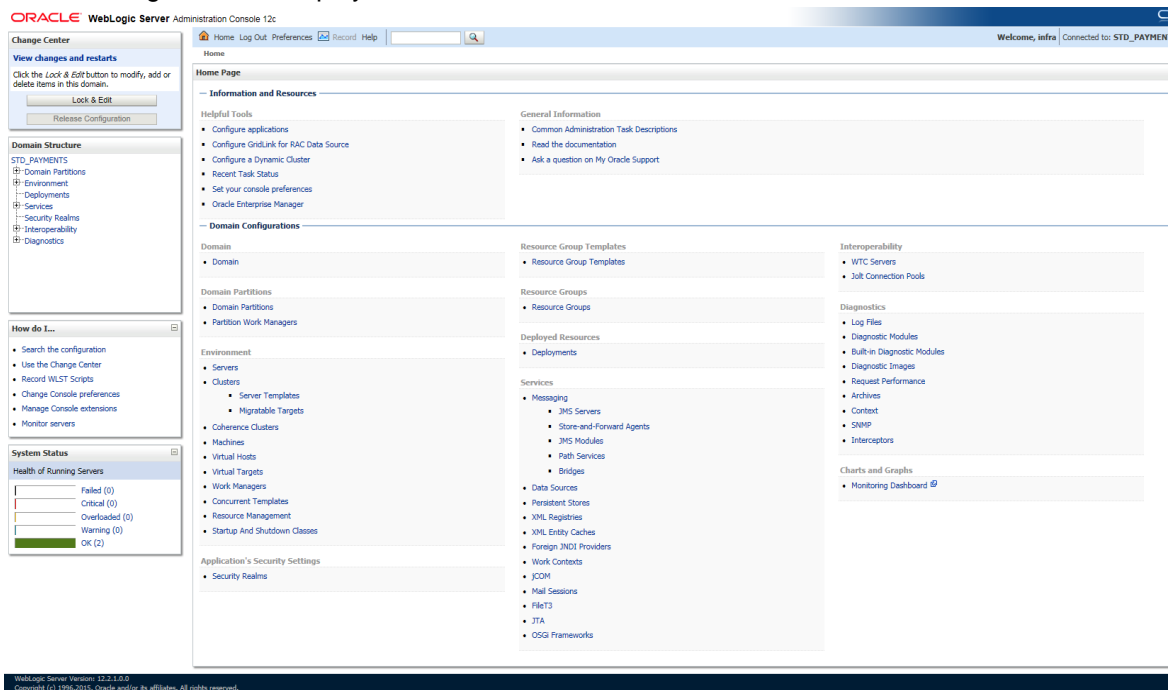
1. Start the Administrative Console of WebLogic application server. You can start this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.
Eg: <http://10.10.10.10:1001/console>

2. The following screen is displayed:



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

The following screen is displayed:



4. Click install button

ORACLE WebLogic Server Administration Console 12c

Home | Log Out | Preferences | Record | Help | 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_PAYMENT
Domain Partitions
Environment
Deployments
Services
Security Realms
Interoperability
Diagnostics

How do I...
• Install an enterprise application
• Configure an enterprise application
• Update (redploy) 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 (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

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	
emagentsdkimpl_jar(12.4,12.1.0.4.0)	Active		Library	AdminServer_payments	Global	100	
emagentsdkimpl_jar(12.4,12.1.0.4.0)	Active		Library	AdminServer_payments	Global	100	
emagentsdk_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	
emcoreintask_jar(11.2.0.1.0,12.1.0.0.0)	Active		Library	AdminServer_payments	Global	100	
emcorepbt_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_sdk_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

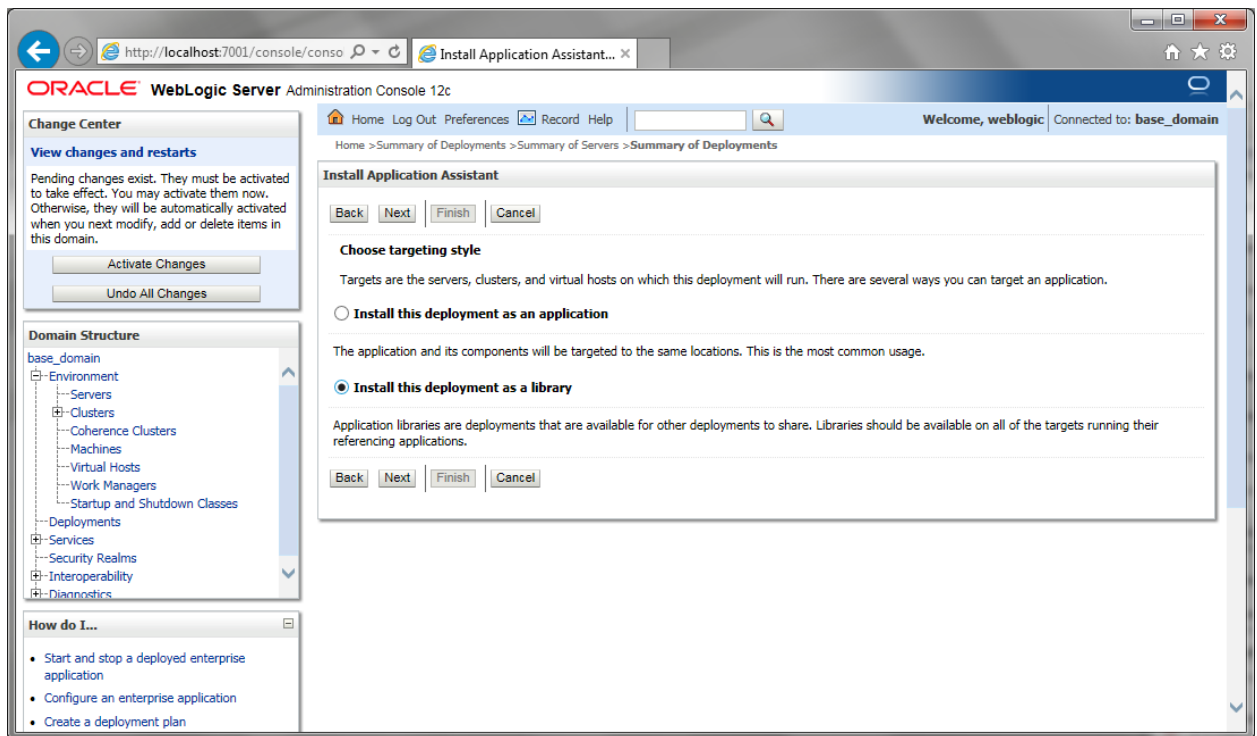
Recently Used Paths: /scratch/app/bpm12212/user_projects/domains/SOADOM3/servers/AdminServer/upload/FCUBS.ear/app

Current Location: 10.184.158.197 / scratch / app / bpm12212 / user_projects / domains / SOADOM3 / servers / AdminServer / upload / jax-rs-2.0.war / app

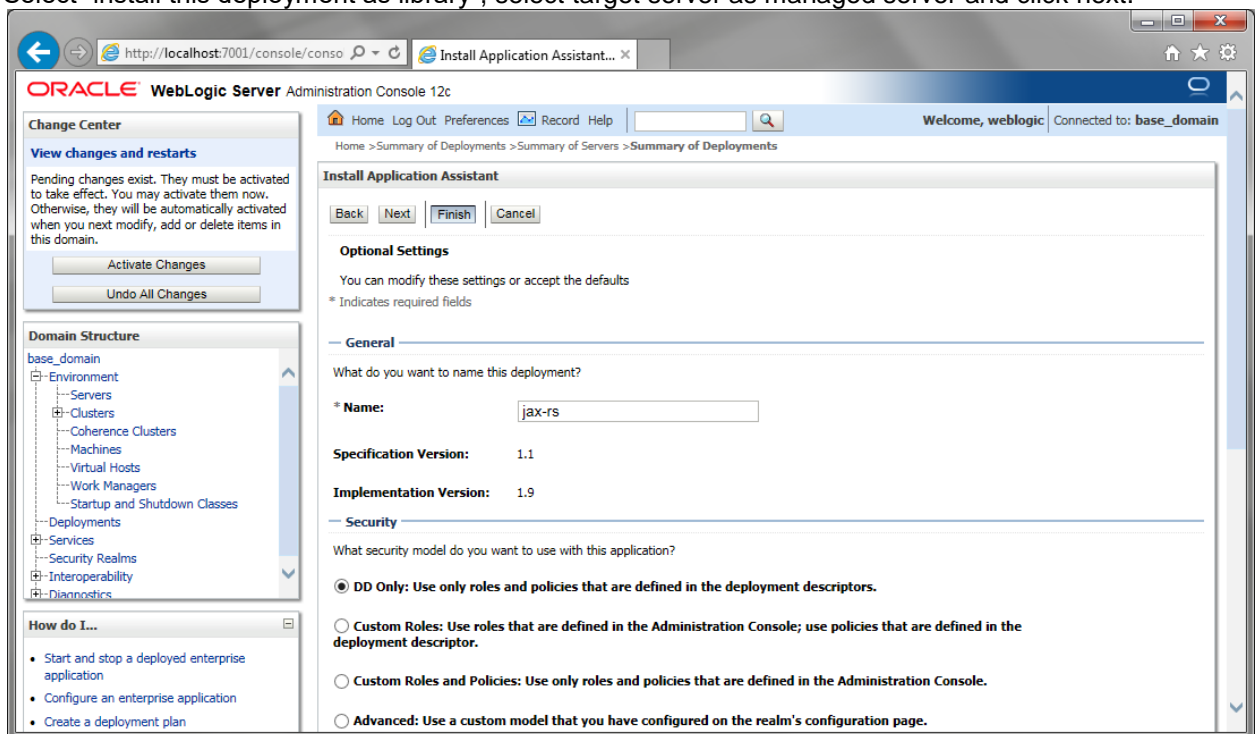
☒ **jax-rs-2.0.war**

Back | Next | Finish | Cancel

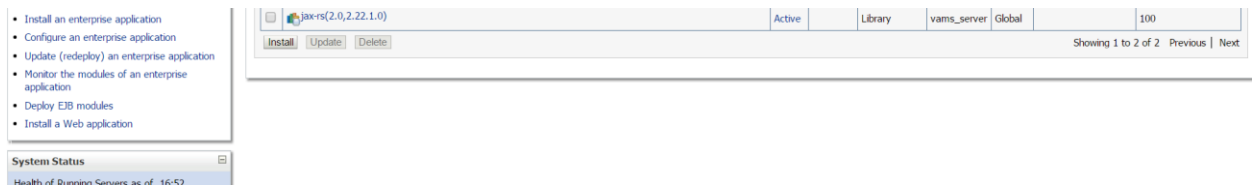
Navigate and select jersey bundle under the path “w\server\common\deployable-libraries\jax-rs-2.0.war” and click next



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”

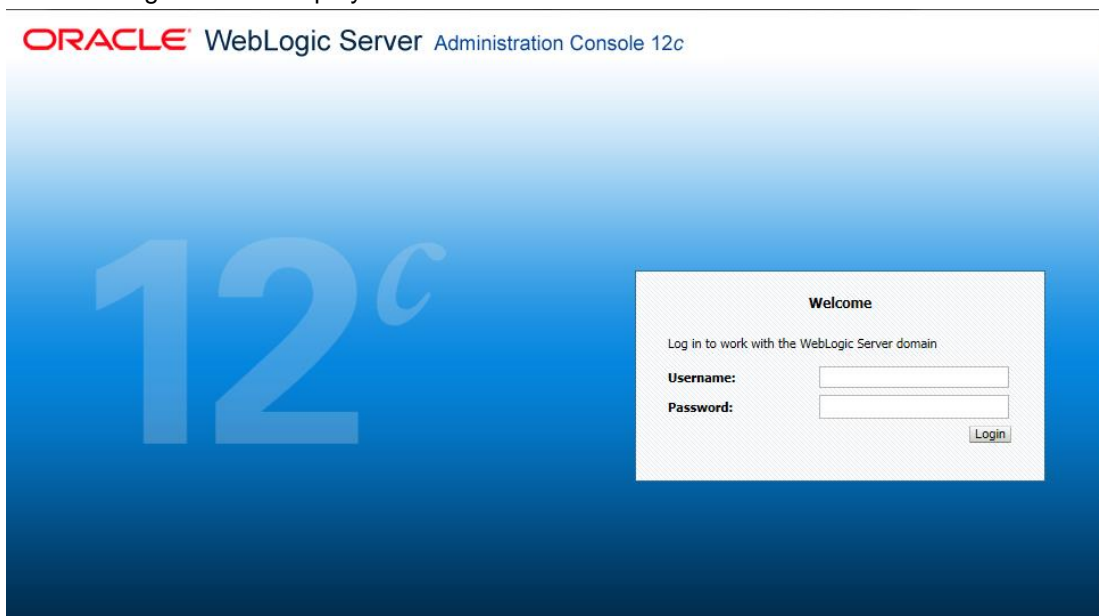
Note :- latest Jax-rs version will be jax-rs(2.0,2.22.1.0)

1.3.3 **Deploying FCUBS Application from WebLogic Administration Console**

To deploy Oracle Banking Trade Finance 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’.

The following screen is displayed:

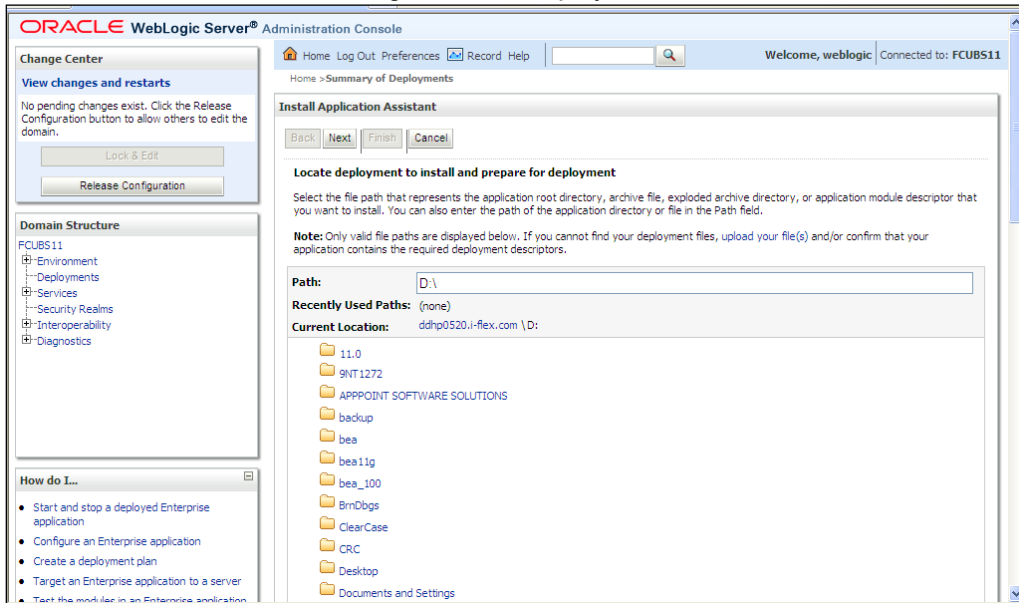
The screenshot displays the Oracle WebLogic Server Administration Console 12c. The top navigation bar includes links for Home, Log Out, Preferences, Record, and Help. The main content area is titled 'Home Page' and is divided into several sections: 'Information and Resources' (Helpful Tools, General Information), 'Domain Configurations' (Domain, Domain Partitions, Environment, Servers, Clusters, Server Templates, Migrateable Targets, Coherence Clusters, Machines, Virtual Hosts, Virtual Targets, Work Managers, Concurrent Templates, Resource Management, Startup And Shutdown Classes), 'Resource Group Templates' (Resource Group Templates), 'Resource Groups' (Resource Groups), '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, JCOIN, Mail Sessions, FileT3, JTA, OSGI Frameworks), 'Interoperability' (WTC Servers, Jolt Connection Pools), 'Diagnostics' (Log Files, Diagnostic Modules, Built-in Diagnostic Modules, Diagnostic Images, Request Performance, Archives, Context, SNMP, Interceptors), and 'Charts and Graphs' (Monitoring Dashboard). The left sidebar contains 'Change Center' (View changes and restarts, Lock & Edit, Release Configuration), 'Domain Structure' (STD_PAYMENTS, 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), and 'System Status' (Health of Running Servers, Failed (0), Critical (0), Overloaded (0), Warning (0), OK (2)).

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

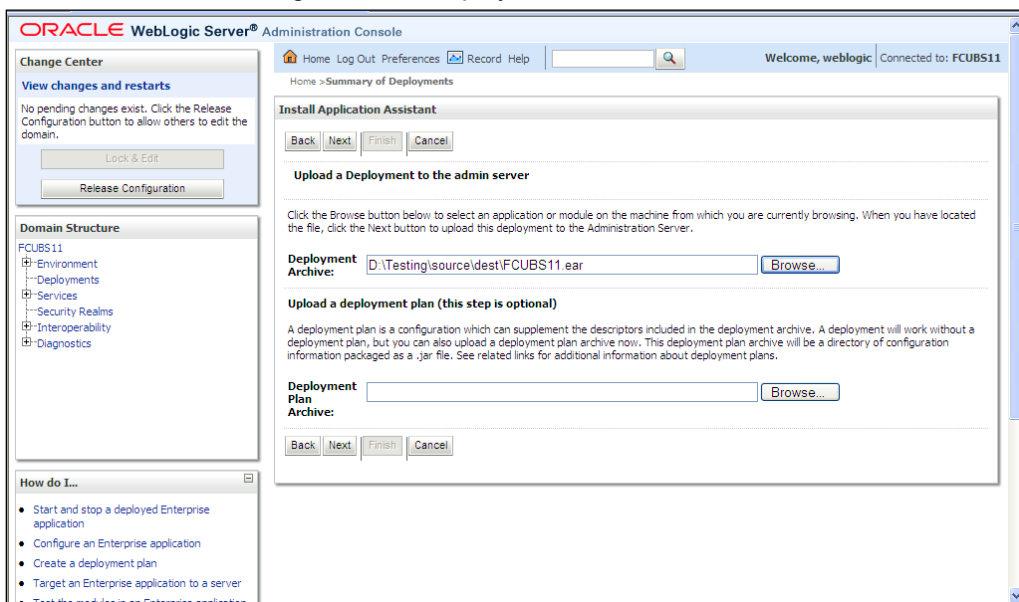
Click 'Lock & Edit' button to enable the buttons. This action enables the buttons.

The screenshot displays the Oracle WebLogic Server Administration Console 12c Summary of Deployments page. The page shows a table of deployed applications and modules. The table columns are Name, State, Health, Type, Targets, Scope, Domain Partitions, and Deployment Order. The table lists various applications and modules, including 'self.oracle.businesseditor(1.0,12.2.1.0.0)', 'self.oracle.domain(1.0,12.2.1.0.0)', 'self.oracle.domain.webapp(1.0,12.2.1.0.0)', 'coherence-transaction-war', 'JMS Application (12.2.1.0.0)', 'jms', 'jmsagentdimpl.jar(12.4.12.1.0.4.0)', 'jmsagentdimpl.jar(12.4.12.1.0.4.0)', 'jmsagentdimpl.jar(12.4.12.1.0.4.0)', 'jms', 'jmscore', 'jmscoreclient.jar', 'jmscorecommon.jar', 'jmscoreconsole.jar', 'jmscoreintl.jar(11.2.0.1.0,12.1.0.0.0)', 'jmscoreintl.jar', 'jmscoreintl.jar(11.2.0.1.0,12.1.0.0.0)', 'jmscoreintl.jar(11.2.0.1.0,12.1.0.0.0)', 'jmscoreintl.jar(11.2.0.1.0,12.1.0.0.0)', 'jmscore.jar', and 'jmscore.common(12.4.12.1.0.4.0)'. The 'State' column shows 'Active' for most items, and the 'Health' column shows 'OK' for most items.

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

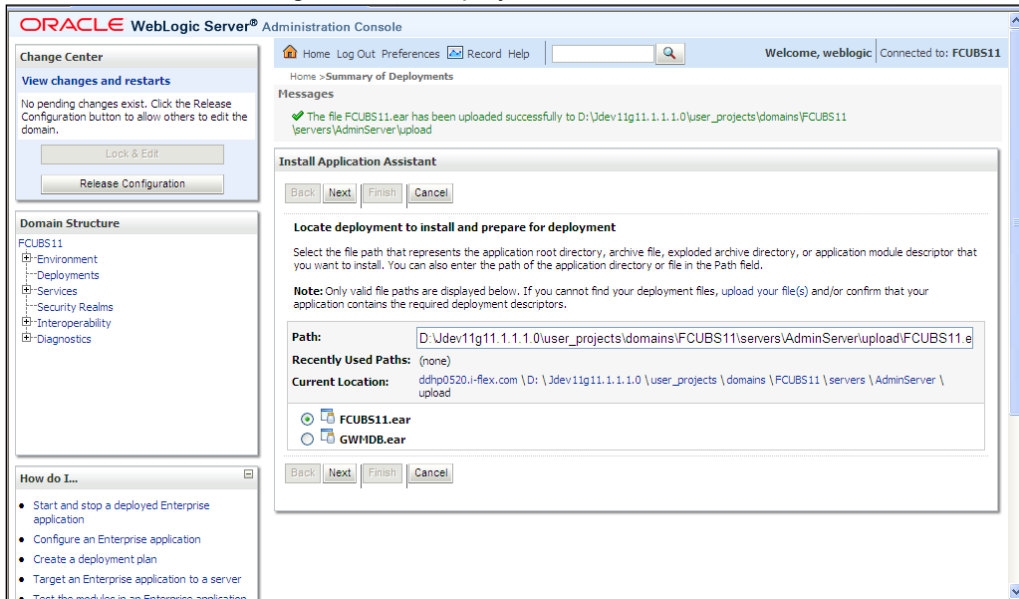


5. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.
6. Click 'Next'. The following screen is displayed:



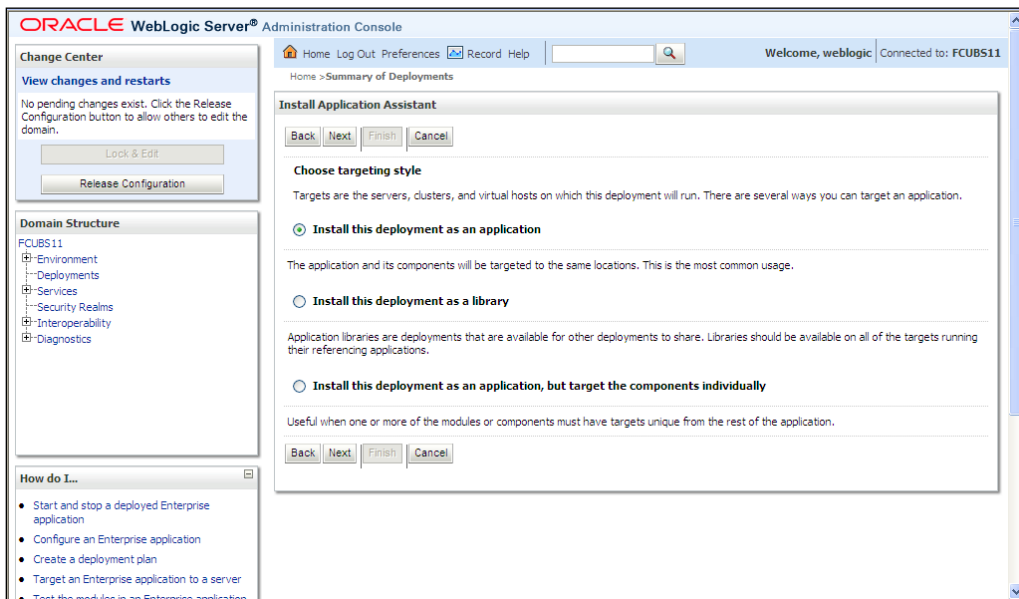
7. Specify the EAR file path. You can use the 'Browse' button to locate the file.

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



9. Select the application FCUBS EAR from the list.

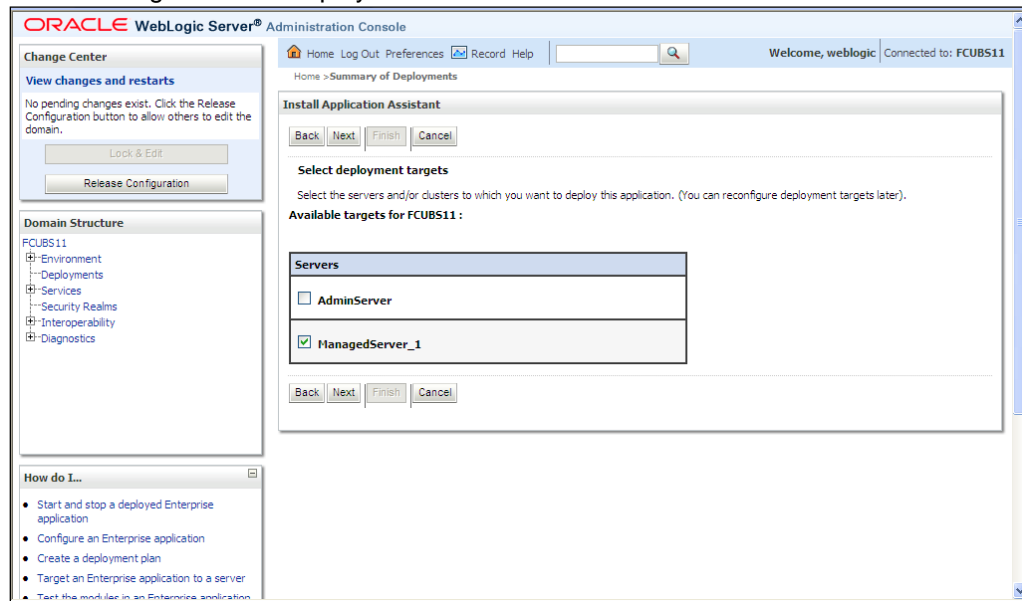
10. Click 'Next'. Following screen is displayed:



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

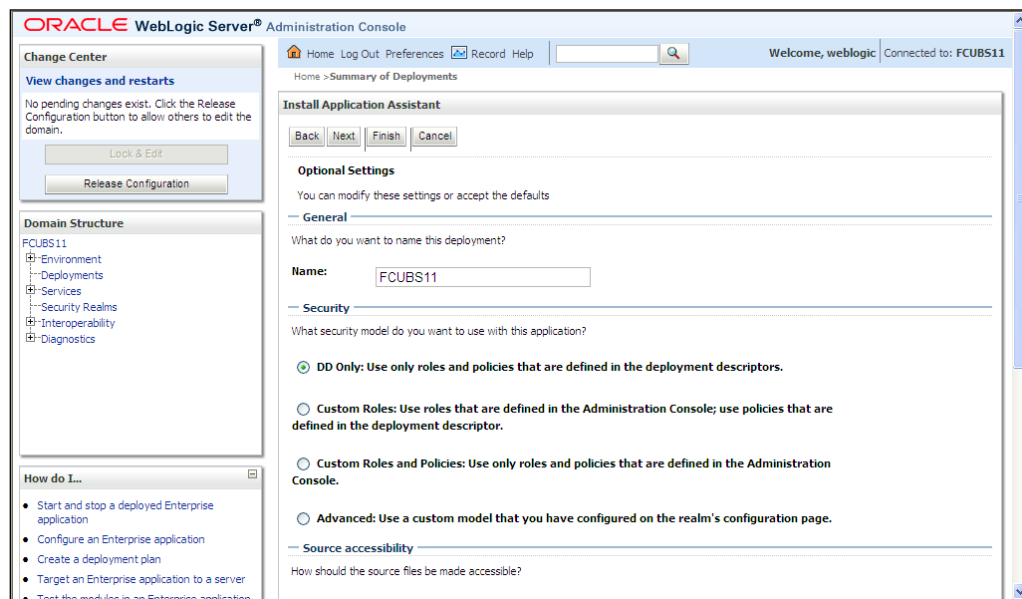
12. Click 'Next'.

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 Oracle Enterprise Manager console with the following sections:

- Left Navigation Panel:**
 - Tree view: 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 modules in an Enterprise application
 - System Status:**
 - Health of Running Servers
 - Failed (0)
 - Critical (0)
 - Overloaded (0)
 - Warning (0)
 - OK (1)
- Main Content Area:**
 - 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:

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.

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

The following screen is displayed.

The screenshot shows the Oracle Enterprise Manager console with the following sections:

- Left Navigation Panel:**
 - Tree view: 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 modules in an Enterprise application
 - System Status:**
 - Health of Running Servers
- Main Content Area:**
 - 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: 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

Security Model: DDOnly: Use only roles and policies that are defined in the deployment descriptors.

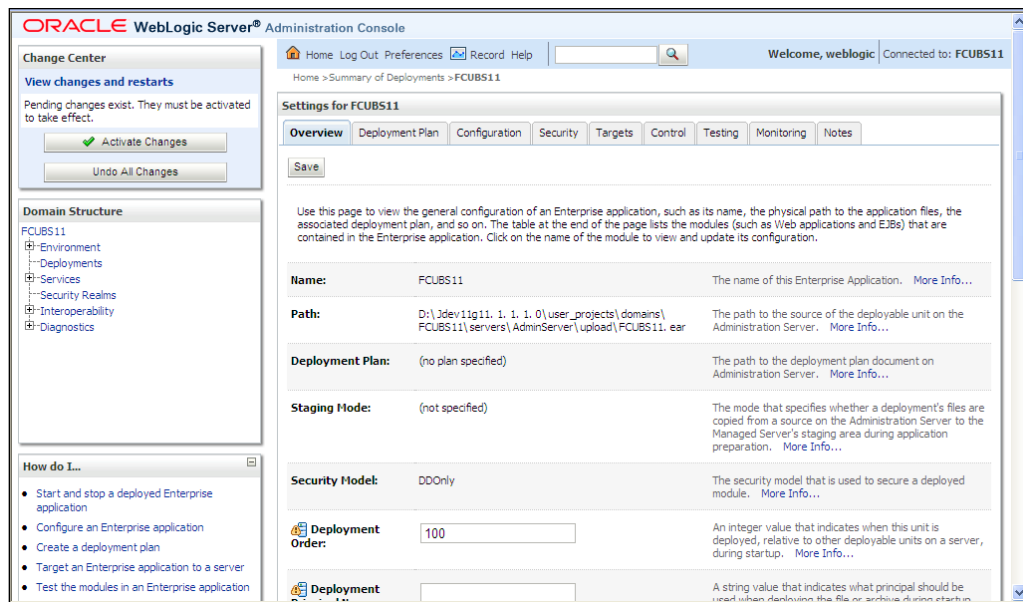
Target Summary

Components	Targets
FCUBS11.ear	ManagedServer_1

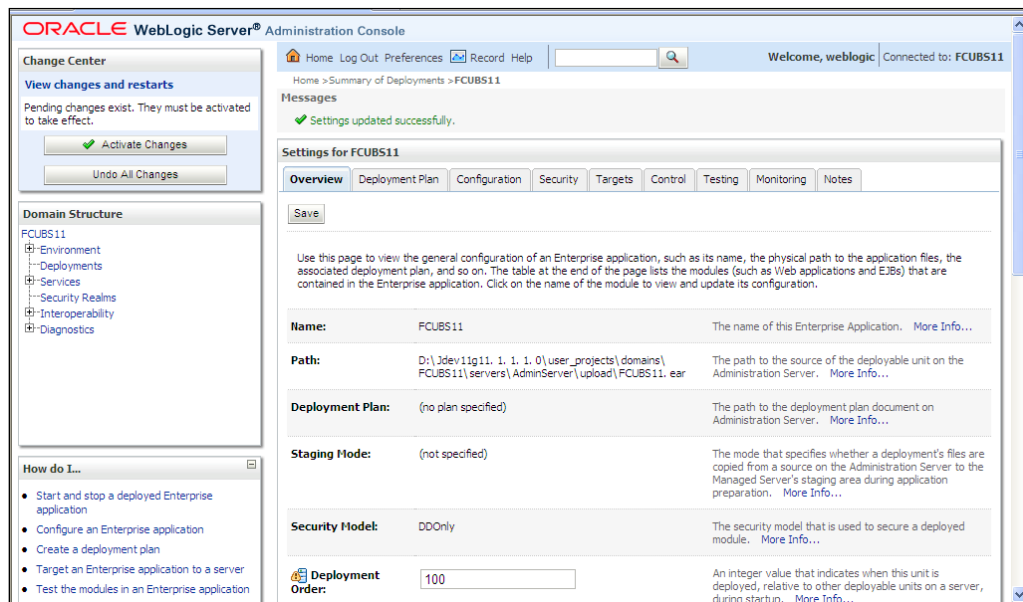
Back Next Finish Cancel

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

Change **Deployment Order** to **400** if the application includes **BPEL plug-in**.

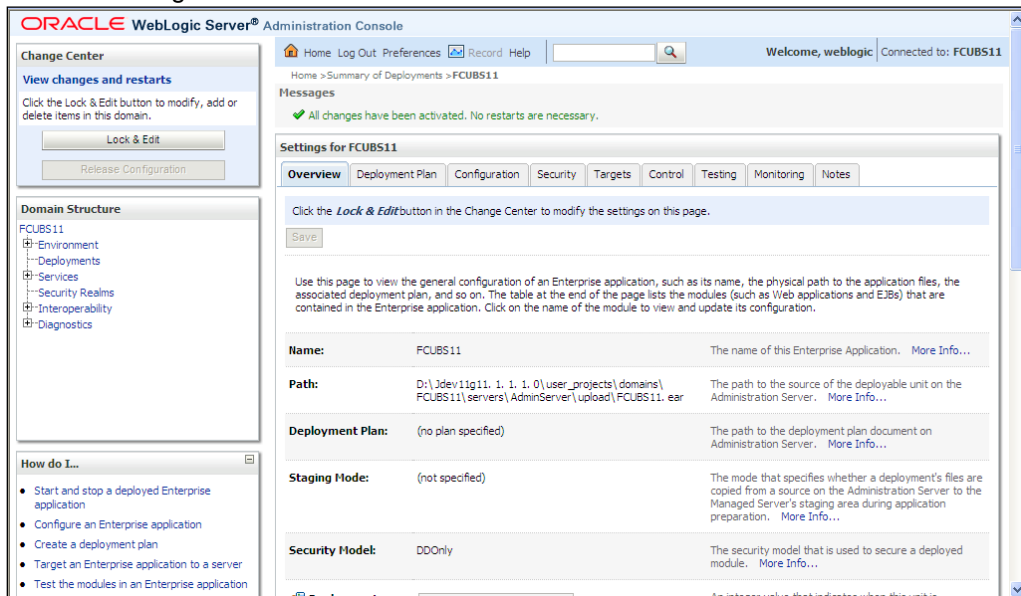


18. Click 'Save' button. The message 'Settings updated successfully' is displayed.

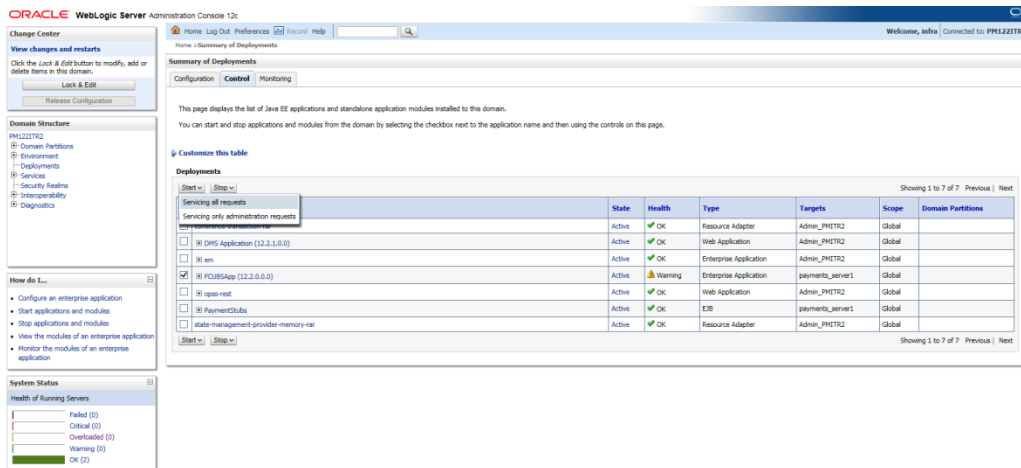


19. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

The screen is given below:

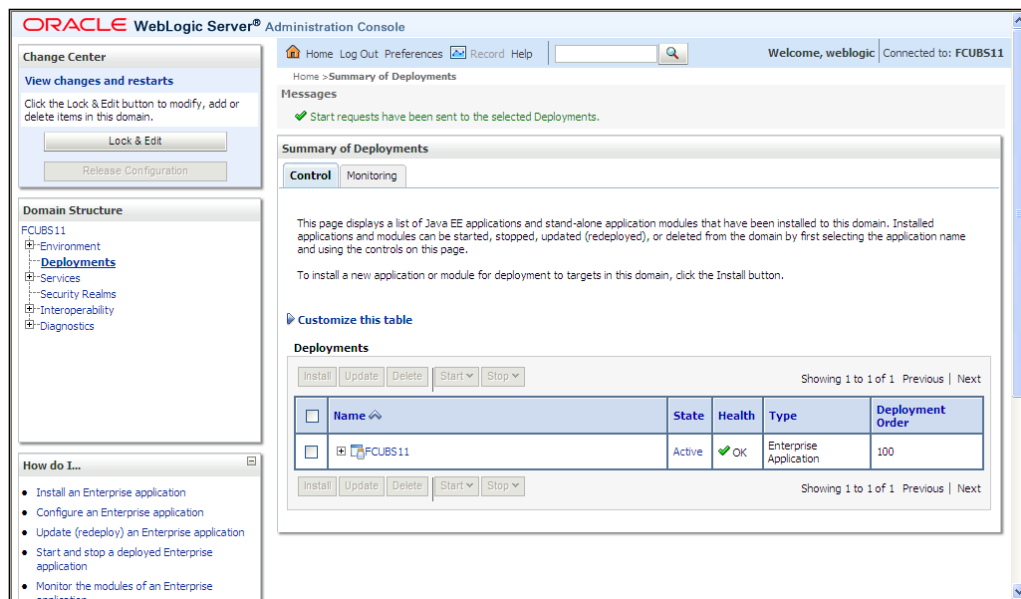
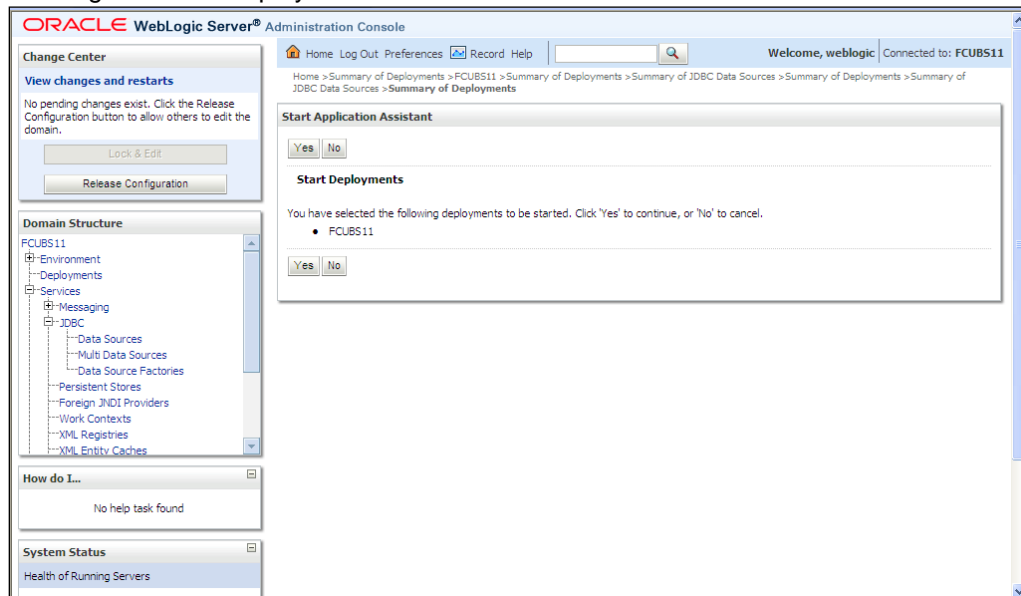


Click 'Deployment' on the left pane. Switch to Control tab .The following screen is displayed.



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

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 Trade Finance Gateway/Scheduler Application from Oracle WebLogic administration console, follow the steps given below.

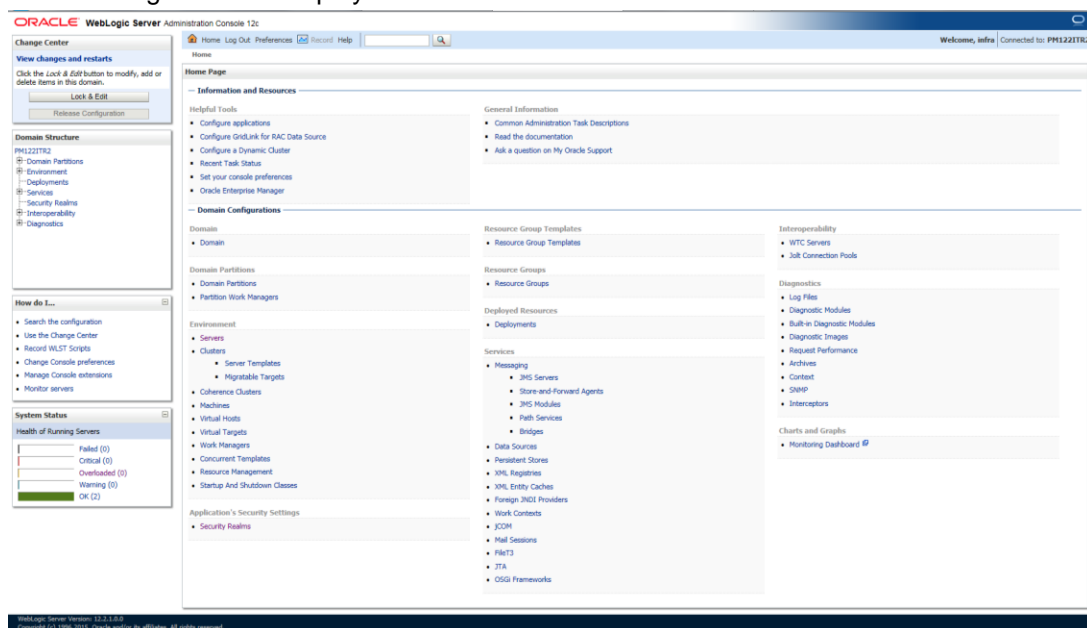
1. Launch Administrative Console of WebLogic application server. You can launch this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.
Eg: `http://10.10.10.10:1001/console`

22. The following screen is displayed:



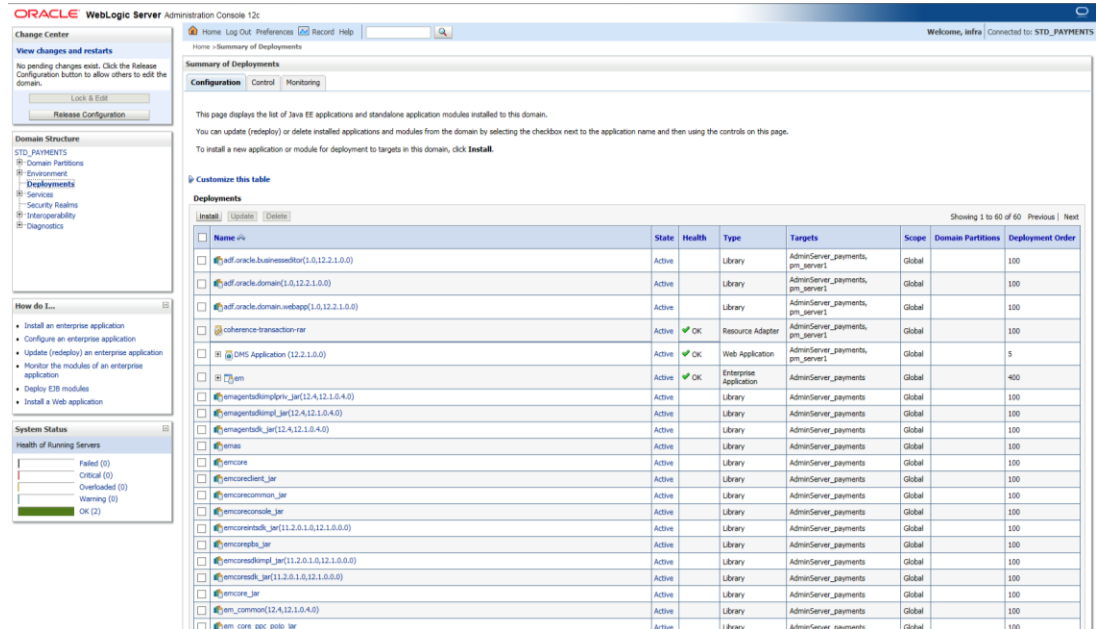
23. Specify the WebLogic administrator user name and password. Click 'Log In'.

The following screen is displayed:

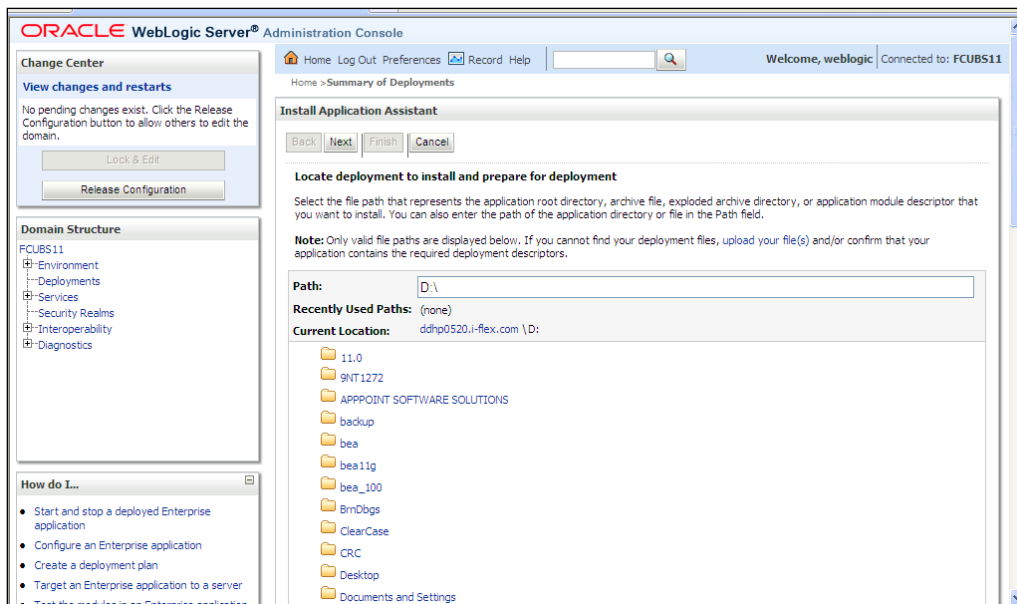


24. You need to deploy an EAR. For e.g. 'GWEJB.ear'. Go to 'Deployment'.

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

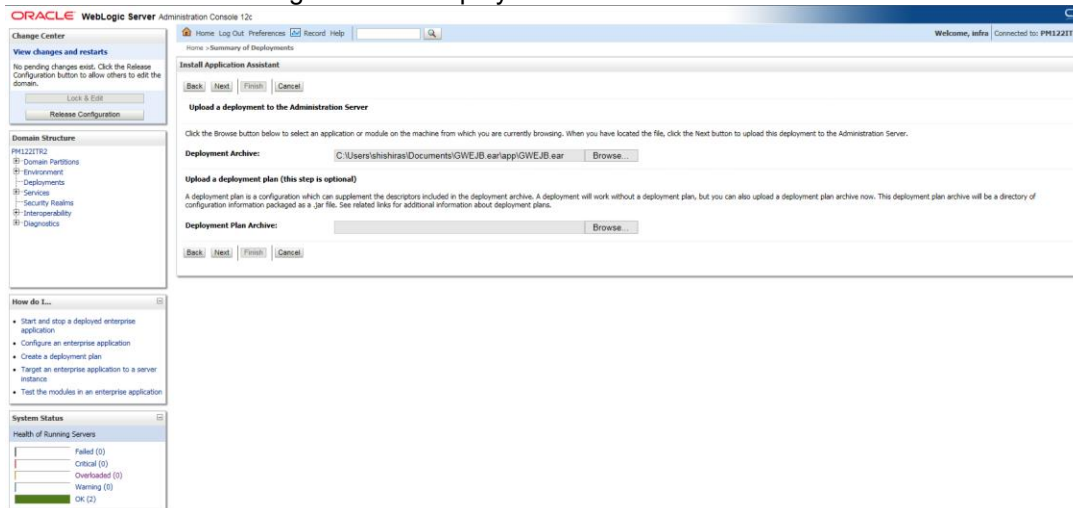


25. Click 'Install' button. The following screen is displayed:



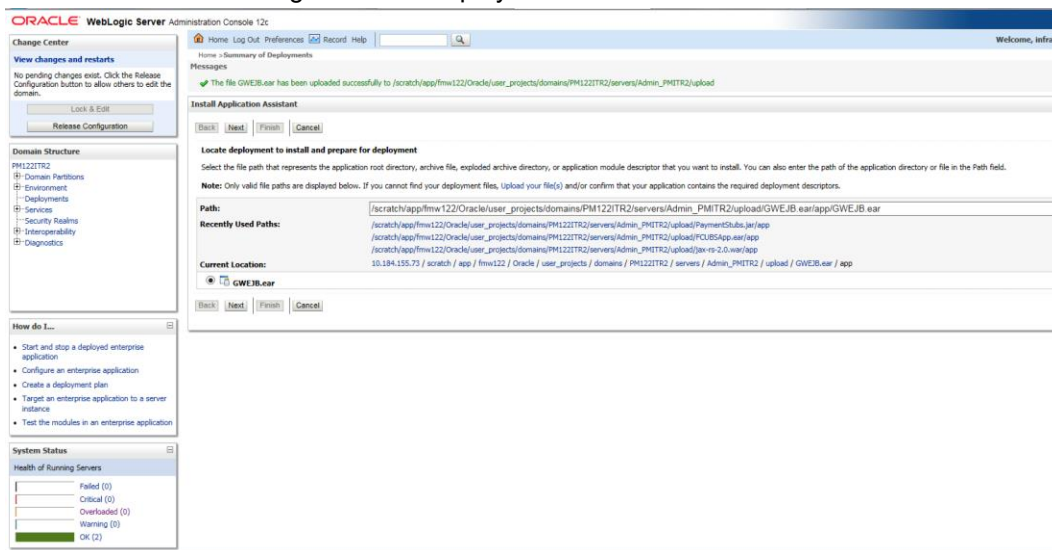
26. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.

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:

The screenshot shows the 'Install Application Assistant' window in the Oracle WebLogic Server Administration Console 12c. The window has a sidebar on the left with sections: 'Change Center' (with 'View changes and restarts' and 'Release Configuration' buttons), 'Domain Structure' (a tree view showing 'PM1221TR2' and its sub-nodes: 'Domain Partitions', 'Environment', 'Deployments', 'Services', 'Security Realms', 'Interoperability', and 'Diagnostics'), 'How do I...' (a list of tasks), and 'System Status' (a 'Health of Running Servers' bar chart showing 'Failed (0)', 'Critical (0)', 'Overloaded (0)', 'Warning (0)', and 'OK (2)'). The main area is titled 'Install Application Assistant' and contains the following content:

- Buttons: 'Back', 'Next', 'Finish', 'Cancel'.
- Section: 'Choose installation type and scope'.
 - Text: '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.'
 - Radio button selected: 'Install this deployment as an application'.
 - Text: '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.'
 - Radio button: 'Install this deployment as a library'.
 - Radio button: 'Install this deployment as an application, but target the components individually'.
 - Text: '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.'
- Text: 'Scope:' followed by a dropdown menu showing 'Global'.
- Buttons: 'Back', 'Next', 'Finish', 'Cancel'.

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

33. Click 'Next'.

The following screen is displayed

The screenshot shows the 'Select deployment targets' window in the Oracle WebLogic Server Administration Console 12c. The window has a sidebar on the left with sections: 'Change Center' (with 'View changes and restarts' and 'Release Configuration' buttons), 'Domain Structure' (a tree view showing 'PM1221TR2' and its sub-nodes: 'Domain Partitions', 'Environment', 'Deployments', 'Services', 'Security Realms', 'Interoperability', and 'Diagnostics'), 'How do I...' (a list of tasks), and 'System Status' (a 'Health of Running Servers' bar chart showing 'Failed (0)', 'Critical (0)', 'Overloaded (0)', 'Warning (0)', and 'OK (2)'). The main area is titled 'Select deployment targets' and contains the following content:

- Buttons: 'Back', 'Next', 'Finish', 'Cancel'.
- Section: 'Select deployment targets'.
 - Text: 'Select the servers and/or clusters to which you want to deploy this application. (You can reconfigure deployment targets later).'
- Section: 'Available targets for GWEJB :'.
 - Table with 2 rows:

Servers
<input type="checkbox"/> Admin_PM1TR2
<input checked="" type="checkbox"/> payments_server1
- Buttons: '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/wl12212/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

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/wl12212/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.

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
PM1221TR2
[-] Domain Partitions
[-] 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 instance
• Test the modules in an enterprise application

System Status
Health of Running Servers
[] Failed (0)
[] Critical (0)
[] Overloaded (0)
[] Warning (0)
[] OK (2)

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_PMTIR2/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
Target Summary

Components	Targets
GWEJB.ear	payments_server1

[Back] [Next] [Finish] [Cancel]

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

Settings for GWEJB (12.2.0.0.0)
[Overview] [Deployment Plan] [Configuration] [Security] [Targets] [Control] [Testing] [Monitoring] [Notes]
[Save]

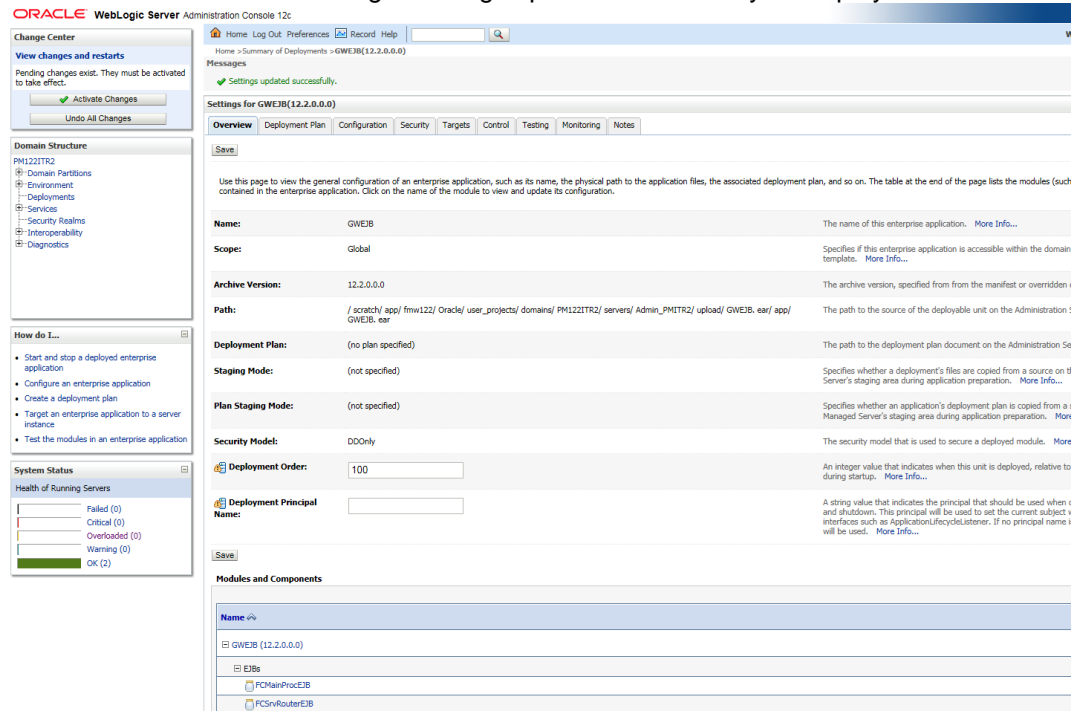
Use this page to view the general configuration of an enterprise application, such as its name, the physical path to the application files, the associated deployment plan, and so on. The table at the end of the page lists the modules (such as Web applications) contained in the enterprise application.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

Name: GWEJB
Scope: Global
Archive Version: 12.2.0.0.0
Path: /scratch/app/fmw122/Oracle/user_projects/domains/PM1221TR2/servers/Admin_PMTIR2/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:

Modules and Components
Showing 1 to 1 of 1

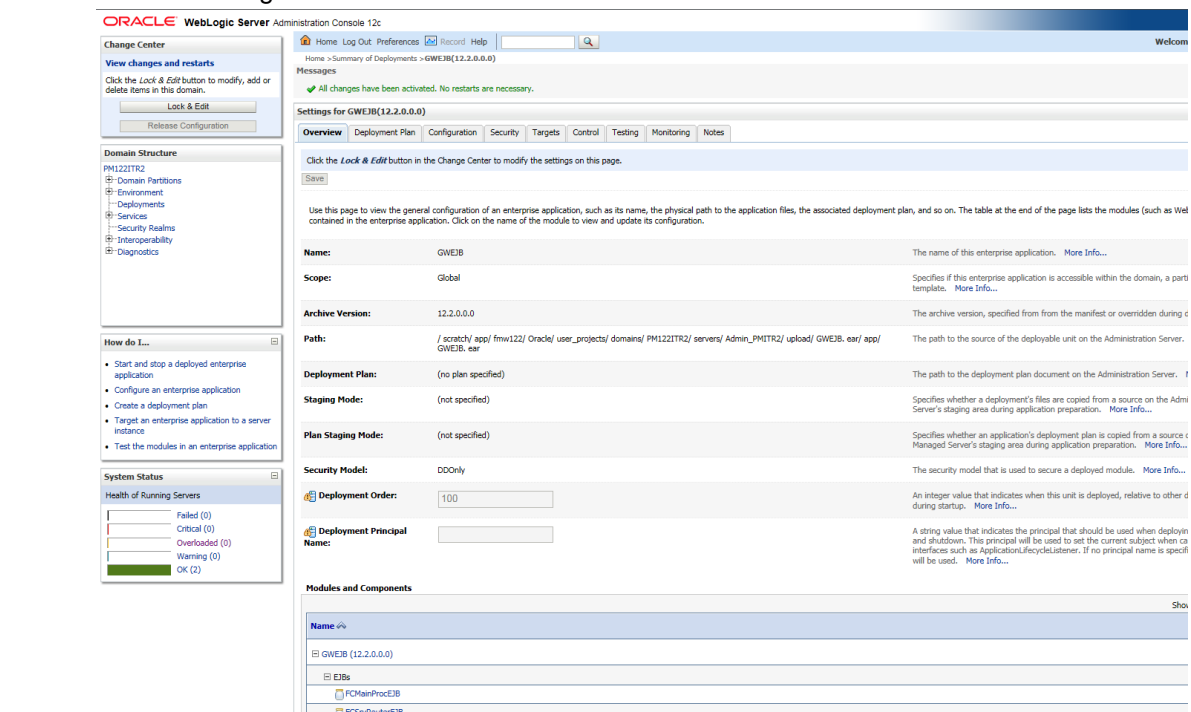
Name
GWEJB (12.2.0.0.0)

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



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:



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

Showing 1 to 8 of 8 Prev

	State	Health	Type	Targets	Scope	Domain Partition
<input checked="" type="checkbox"/> Servicing all requests	Active	OK	Resource Adapter	Admin_PMTIR2	Global	
<input checked="" type="checkbox"/> Servicing only administration requests	Active	OK	Resource Adapter	Admin_PMTIR2	Global	
<input type="checkbox"/> DMS Application (12.2.1.0.0)	Active	OK	Web Application	Admin_PMTIR2	Global	
<input type="checkbox"/> em	Active	OK	Enterprise Application	Admin_PMTIR2	Global	
<input type="checkbox"/> FCUBSApp (12.2.0.0.0)	Active	Warning	Enterprise Application	payments_server1	Global	
<input checked="" type="checkbox"/> GWEJB (12.2.0.0.0)	Prepared	OK	Enterprise Application	payments_server1	Global	
<input type="checkbox"/> opss-rest	Active	OK	Web Application	Admin_PMTIR2	Global	
<input type="checkbox"/> PaymentStubs	Active	OK	EJB	payments_server1	Global	
<input type="checkbox"/> state-management-provider-memory-rar	Active	OK	Resource Adapter	Admin_PMTIR2	Global	

Start Stop

Showing 1 to 8 of 8 Prev

System Status

Health of Running Servers

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

WebLogic Server Version: 12.2.1.0.0
Copyright (c) 1996,2015, Oracle and/or its affiliates. All rights reserved.
Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

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

System Status

Health of Running Servers

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

WebLogic Server Version: 12.2.1.0.0
Copyright (c) 1996,2015, Oracle and/or its affiliates. All rights reserved.
Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

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

The screenshot shows the Oracle WebLogic Server Administration Console. The main area displays the 'Summary of Deployments' page, which lists various Java EE applications and standalone application modules installed to the domain. The table includes columns for Name, State, Health, Type, Targets, Scope, and Domain Partitions. The left sidebar contains the 'Change Center' with options to view changes and restarts, and the 'Domain Structure' tree. The 'System Status' section shows the health of running servers.

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	
FCMSCApp (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	

This completes the deployment process.

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



Deploying Oracle Banking Trade Finance on WebLogic
[May] [2021]
Version 14.5.0.0.0

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
<https://www.oracle.com/industries/financial-services/index.html>

Copyright © [2007], [2021], Oracle and/or its affiliates. All rights reserved.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are "commercial computer software" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

This software or hardware and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.