

Deploying Oracle Banking Trade Finance Application on  
WebLogic

Oracle Banking Trade Finance

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# 1. Deploying Oracle FLEXCUBE on WebLogic

## 1.1 Introduction

This chapter explains the steps to deploy Oracle FLEXCUBE UBS 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 FLEXCUBE 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 FLEXCUBE Application into Oracle WebLogic application server.

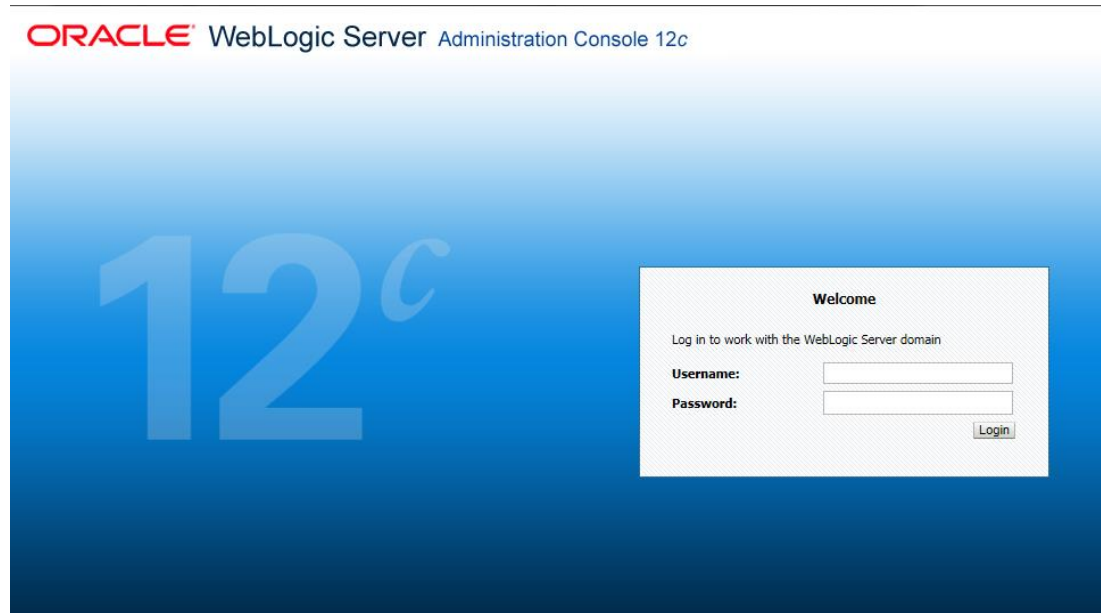
### 1.3.1 Deploying Integration Adapter EAR from WebLogic Administration Console

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

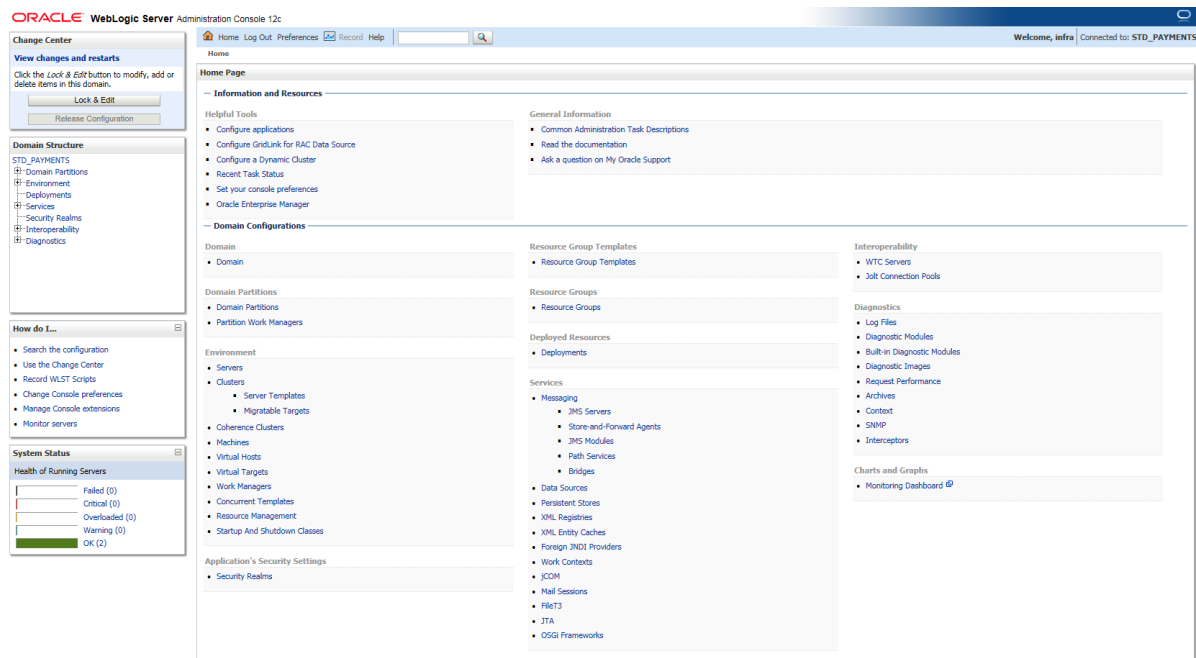
1. Start the Administrative Console of WebLogic application server. You can start this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.

Eg: <http://10.10.10.10:1001/console>

The following screen is displayed:



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

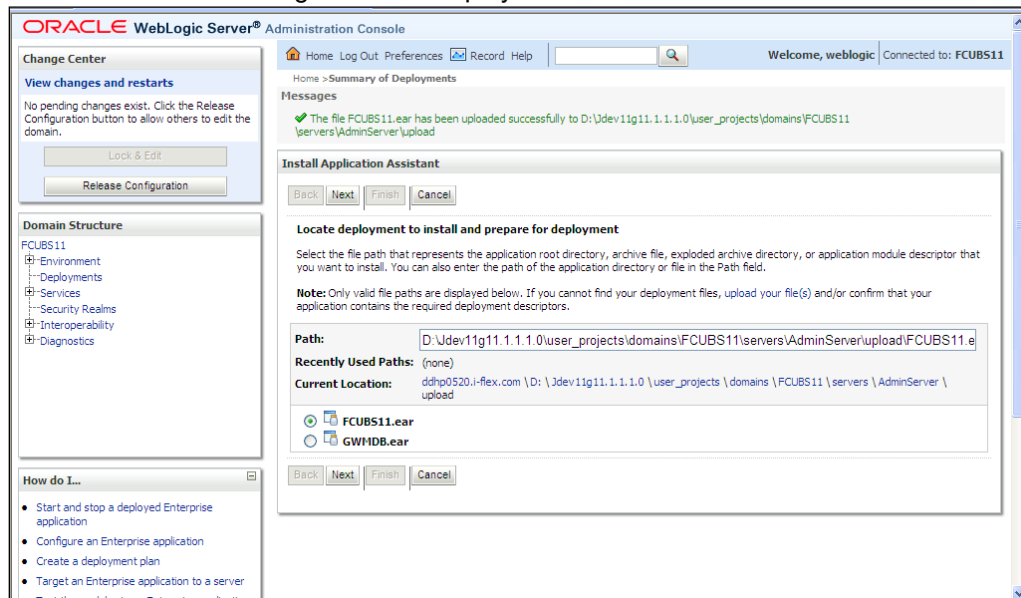


- You need to deploy an Integration adapter EAR. For e.g. 'OBCLExtAdapter.ear or ExtAdapter.ear'. Go to 'Deployment'.

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

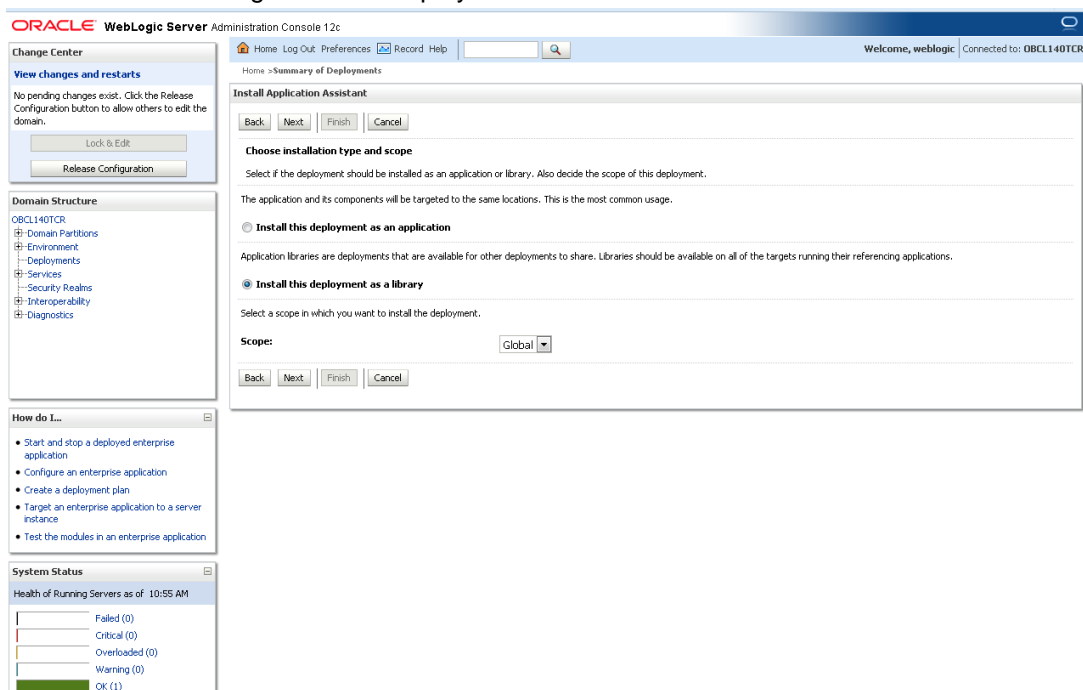


7. Click 'Next'. The following screen is displayed.



8. Select the application Adapter EAR from the list.

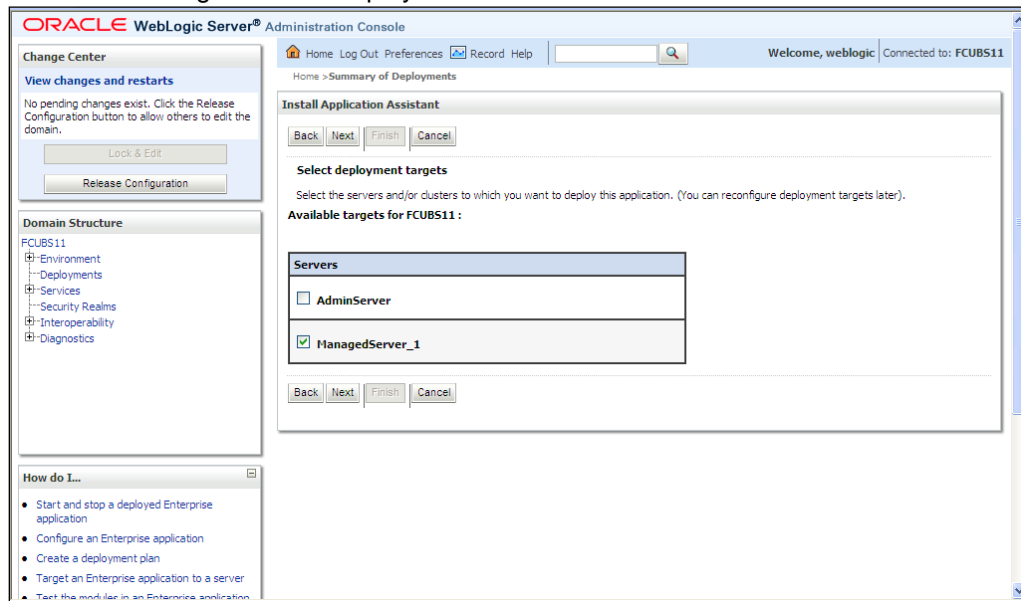
9. Click 'Next'. Following screen is displayed:



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

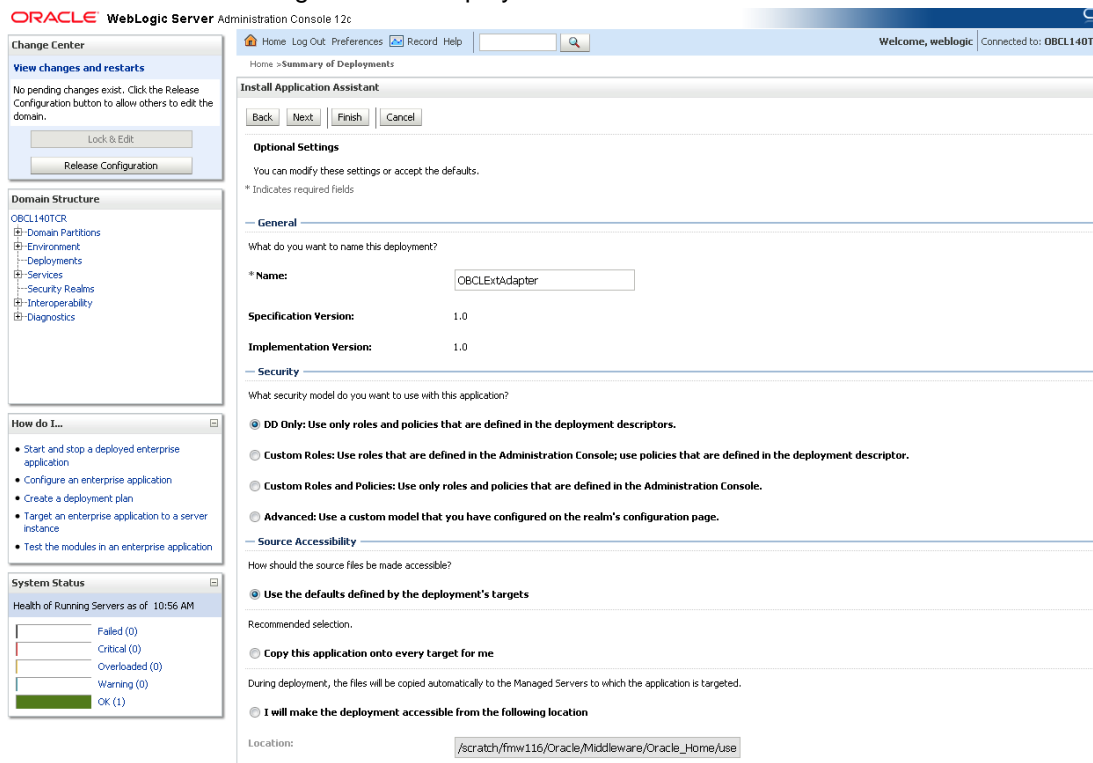
11. Click 'Next'.

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. The left sidebar contains the 'Change Center' with 'View changes and restarts' and 'Release Configuration' buttons. Below it is the 'Domain Structure' tree showing 'OBCL140TCR' and its sub-nodes. The 'How do I...' section lists tasks like 'Start and stop a deployed enterprise application'. The 'System Status' section shows 'Health of Running Servers as of 10:57 AM' with a bar chart indicating 'OK (1)'. The main content area is titled 'Install Application Assistant' and includes a 'Review your choices and click Finish' section. It asks if the user wants to review the configuration after completing the assistant, with options 'Yes, take me to the deployment's configuration screen.' (selected) and 'No, I will review the configuration later.' Below this is a 'Summary' section showing the deployment path, name 'OBCL140TCR', and staging mode. A 'Target Summary' table lists components and targets.

Components	Targets
OBCL140TCR	AdminServer_OBCL140TCR

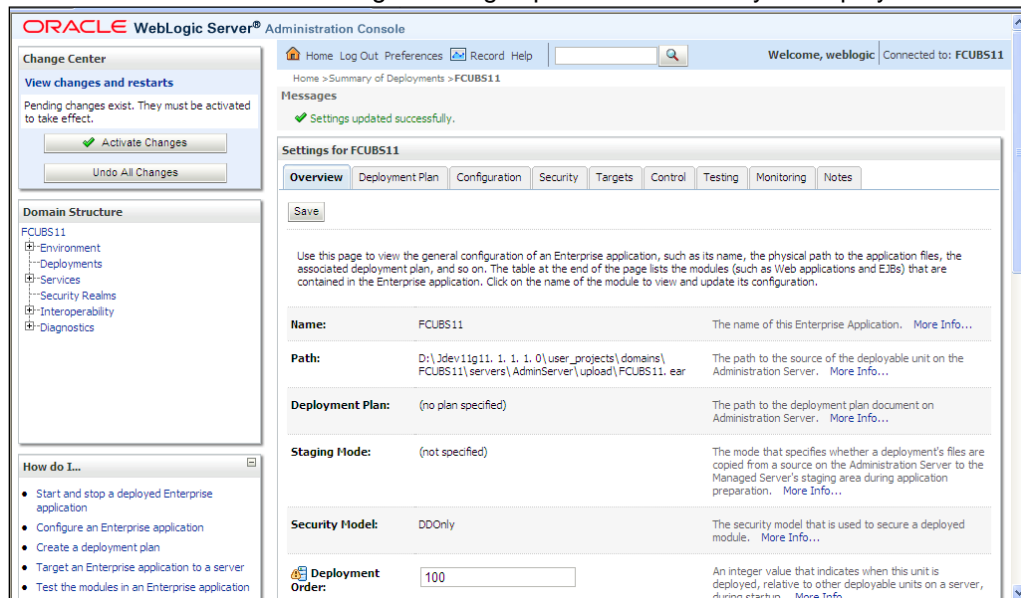
## 17. Click 'Finish' button. The following screen is displayed.

The screenshot shows the Oracle WebLogic Server Administration Console. The left sidebar contains the 'Change Center' with 'Activate Changes' and 'Undo All Changes' buttons. Below it is the 'Domain Structure' tree showing 'FCUBS11' and its sub-nodes. The 'How do I...' section lists tasks like 'Start and stop a deployed Enterprise application'. The main content area is titled 'Settings for FCUBS11' and includes an 'Overview' tab. It displays various configuration settings for the application, including Name, Path, Deployment Plan, Staging Mode, Security Model, and Deployment Order.

Setting	Value	Description
Name	FCUBS11	The name of this Enterprise Application.
Path	D:\dev11g11.1.1.0\user_projects\domains\FCUBS11\servers\AdminServer\upload\FCUBS11.ear	The path to the source of the deployable unit on the Administration Server.
Deployment Plan	(no plan specified)	The path to the deployment plan document on Administration Server.
Staging Mode	(not specified)	The mode that 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.
Security Model	DDOnly	The security model that is used to secure a deployed module.
Deployment Order	100	An integer value that indicates when this unit is deployed, relative to other deployable units on a server, during startup.
Deployment		A string value that indicates what principal should be used when deploying the file or archive during startup.



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



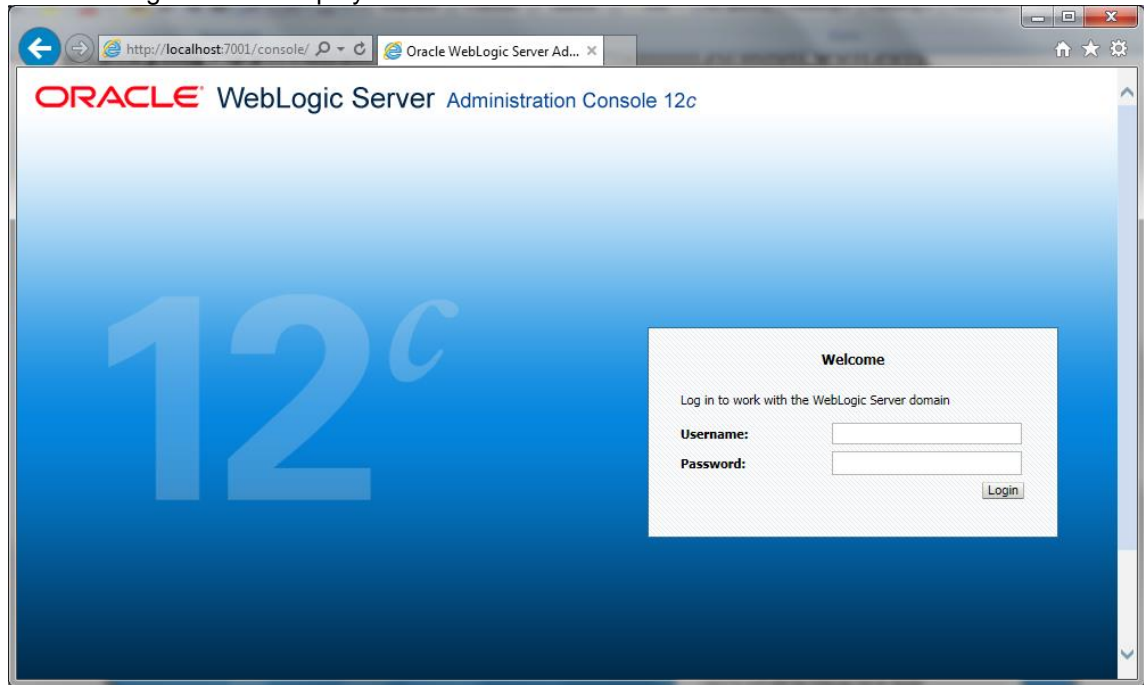
19. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

### 1.3.2 Deploying Dependency Library "Jax-RS"

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

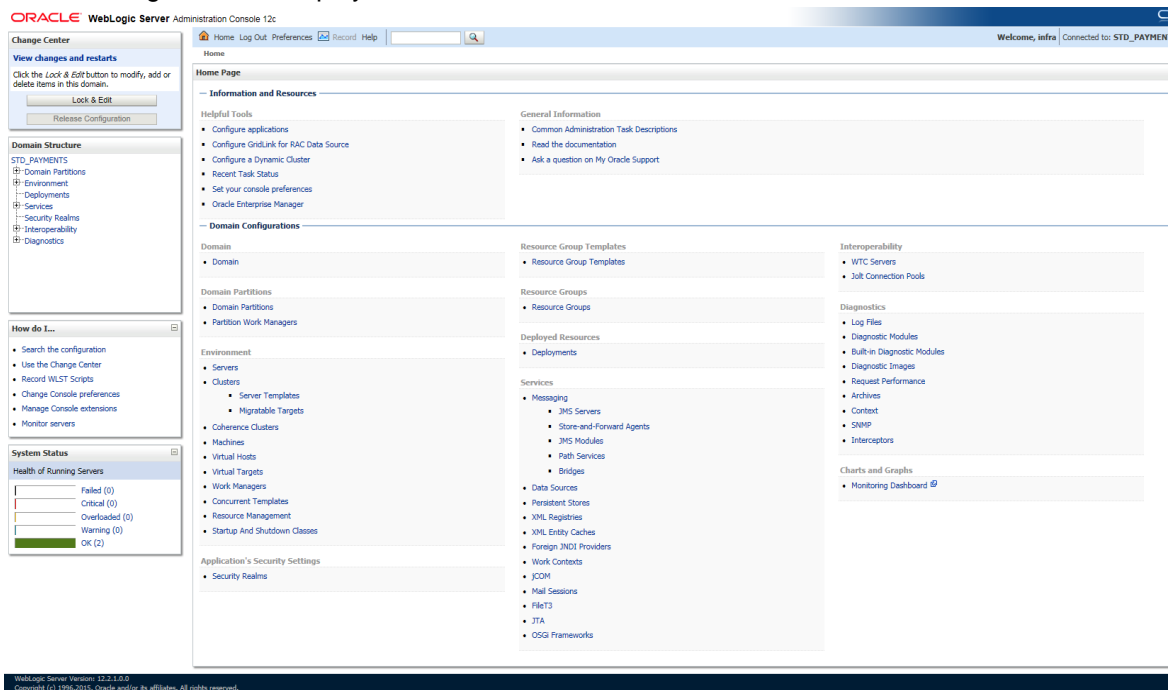
1. Start the Administrative Console of WebLogic application server. You can start this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.  
Eg: <http://10.10.10.10:1001/console>

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

Showing 1 to 60 of 60 Previous Next

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	
emagentsskimpl_jar(12.4,12.1.0.4.0)	Active		Library	AdminServer_payments	Global	100	
emagentsskimpl_jar(12.4,12.1.0.4.0)	Active		Library	AdminServer_payments	Global	100	
emagentssk_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_svc_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

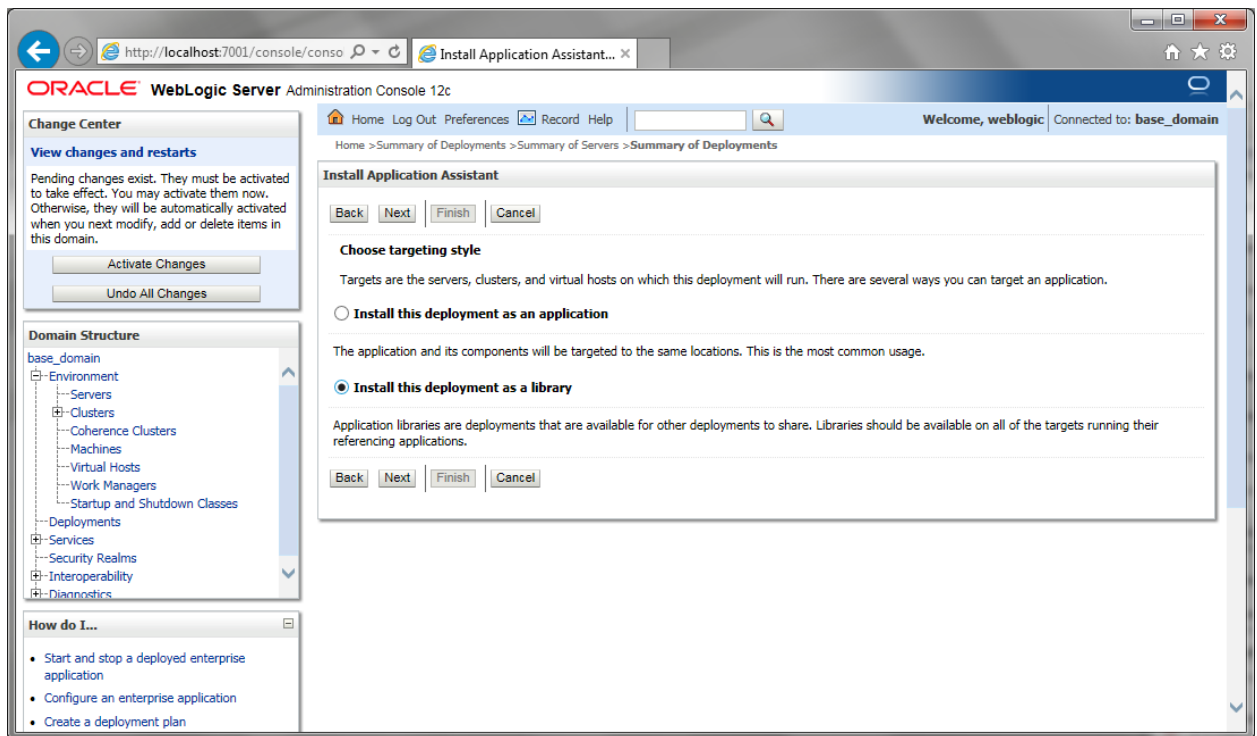
**Recently Used Paths:** /scratch/app/bpm12212/user\_projects/domains/SOADOM3/servers/AdminServer/upload/FCUBS.ear/app

**Current Location:** 10.184.158.197 / scratch / app / bpm12212 / user\_projects / domains / SOADOM3 / servers / AdminServer / upload / jax-rs-2.0.war / app

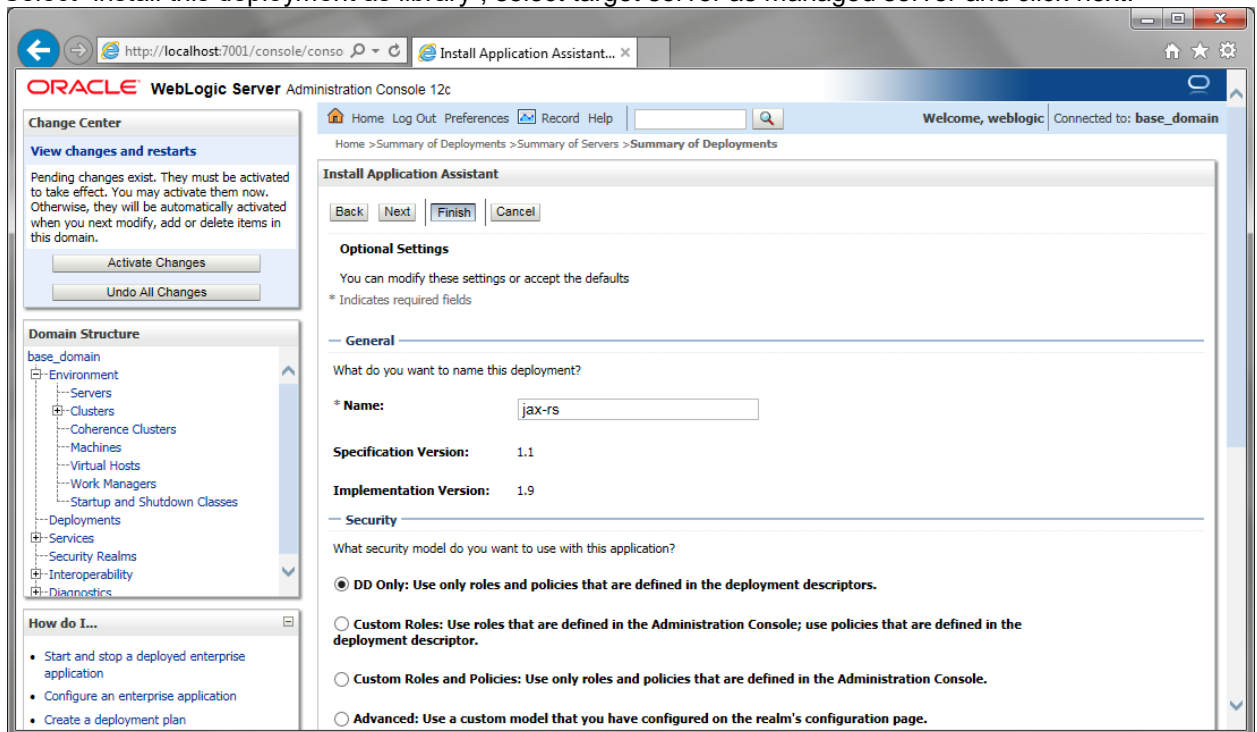
☒ jax-rs-2.0.war

Back | Next | Finish | Cancel

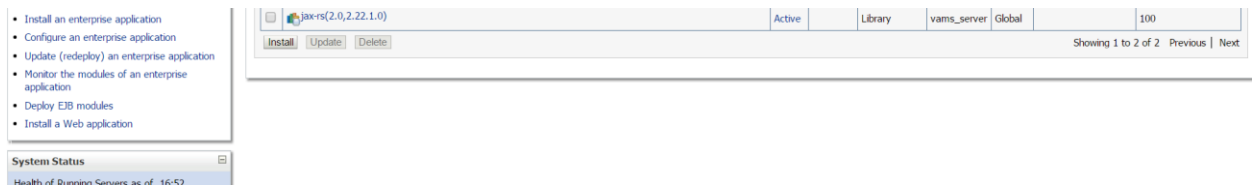
Navigate and select jersey bundle under the path “w\server\common\deployable-libraries\jax-rs-2.0.war” and click next



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”

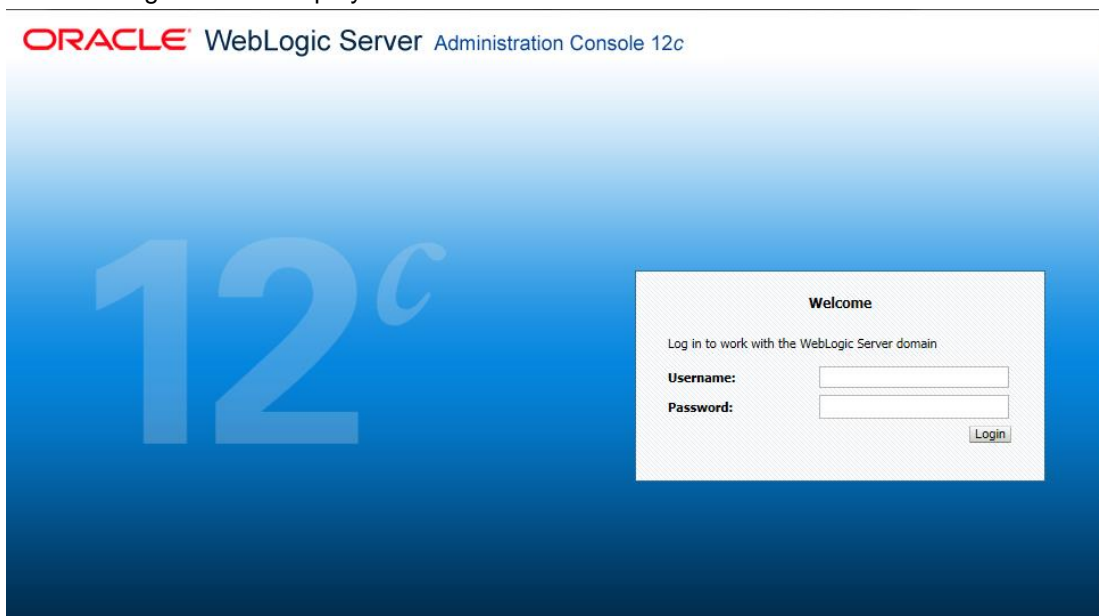
Note :- latest Jax-rs version will be jax-rs(2.0,2.22.1.0)

### 1.3.3 Deploying FCUBS Application from WebLogic Administration Console

To deploy Oracle FLEXCUBE 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:

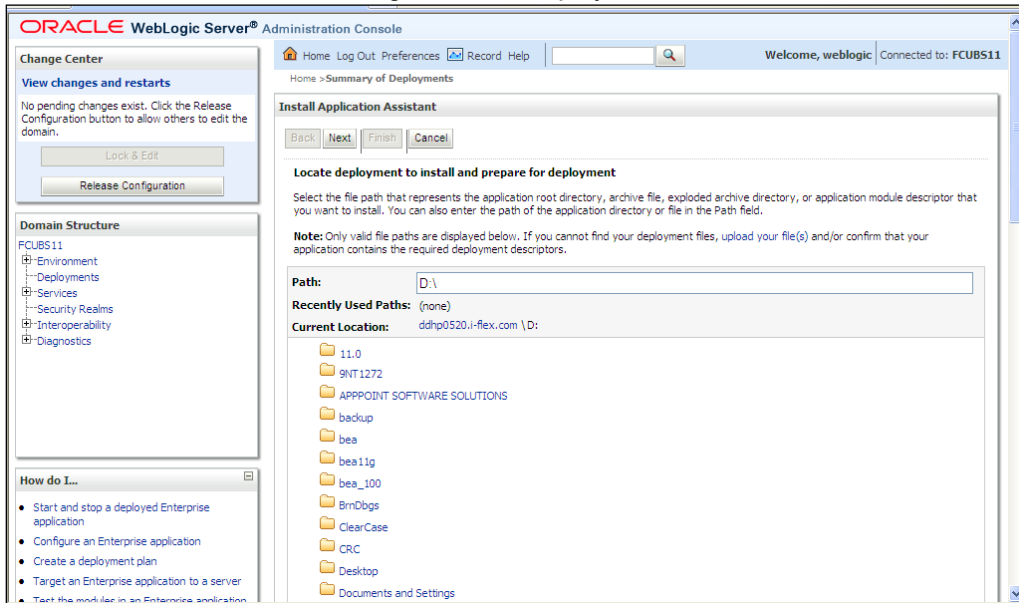
The screenshot displays the Oracle WebLogic Server Administration Console 12c. The top navigation bar includes links for Home, Log Out, Preferences, Record, and Help. The main content area is titled 'Home Page' and is divided into several sections: 'Information and Resources' (with links to Configure applications, Configure GridLink for RAC Data Source, etc.), 'Domain Configurations' (with links to Domain, Domain Partitions, etc.), 'Resource Group Templates' (with links to Resource Group Templates, Resource Groups, etc.), 'Resource Groups' (with links to Deployments, etc.), 'Deployed Resources' (with links to Deployments, etc.), 'Services' (with links to JMS Servers, Store-and-Forward Agents, etc.), 'Interoperability' (with links to WTC Servers, Jolt Connection Pools, etc.), 'Diagnostics' (with links to Log Files, Diagnostic Modules, etc.), and 'Charts and Graphs' (with links to Monitoring Dashboard). The left sidebar contains 'Change Center' (with links to View changes and restarts, Lock & Edit, Release Configuration), 'Domain Structure' (with links to STD\_PAYMENTS, Domain Partitions, Environment, Deployments, Services, Security Realms, Interoperability, Diagnostics), 'How do I...' (with links to Search the configuration, Use the Change Center, Record WLST Scripts, Change Console preferences, Manage Console extensions, Monitor servers), and 'System Status' (with links to 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'.

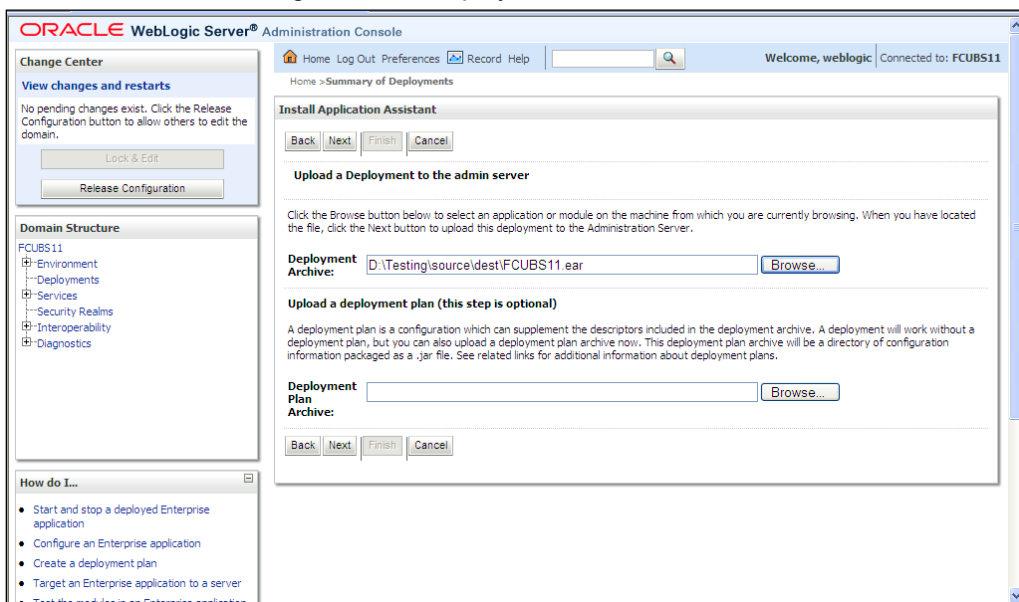
Click 'Lock & Edit' button to enable the buttons. This action enables the buttons.

The screenshot displays the 'Summary of Deployments' page in the Oracle WebLogic Server Administration Console 12c. The page shows a table of deployed applications and modules. The table has columns for 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', 'jmsagentdmp.jar(12.4.12.1.0.4.0)', 'jmsagentdmp.jar(12.4.12.1.0.4.0)', 'jmsagentdmp.jar(12.4.12.1.0.4.0)', 'jms', 'jmscore', 'jmscore.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)', 'jmscore.jar', and 'jmscore.common(12.4.12.1.0.4.0)'. The table also includes a 'Customize this table' link and a 'Showing 1 to 60 of 60' indicator.

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

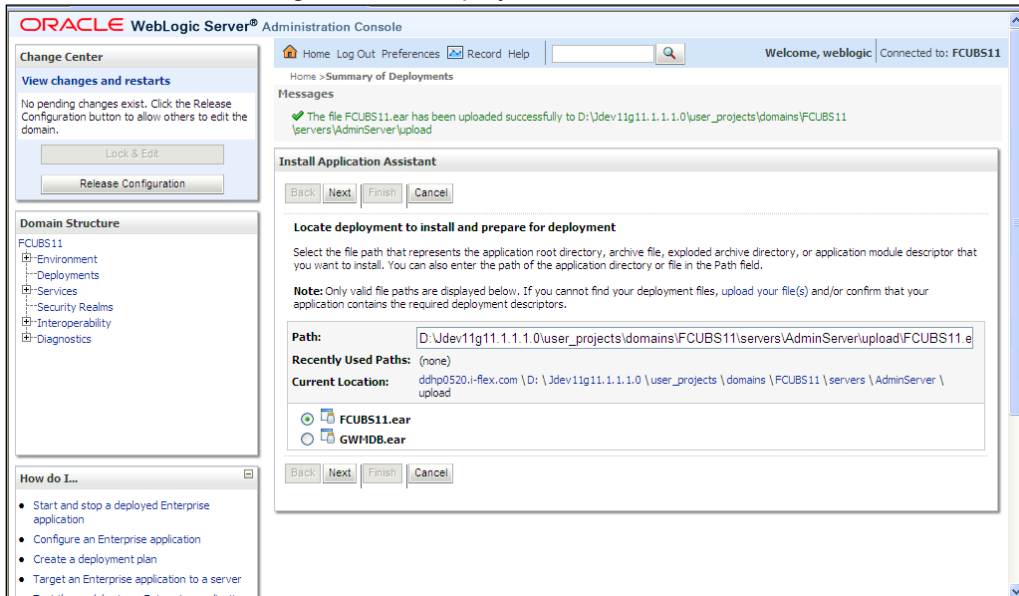


5. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.  
6. Click 'Next'. The following screen is displayed:



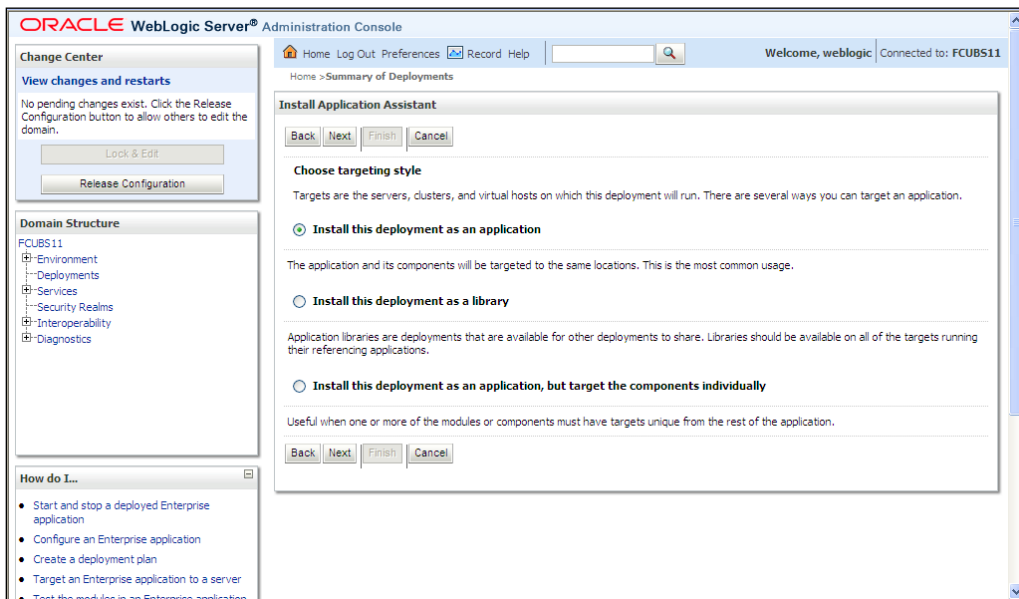
7. Specify the EAR file path. You can use the 'Browse' button to locate the file.

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



9. Select the application FCUBS EAR from the list.

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

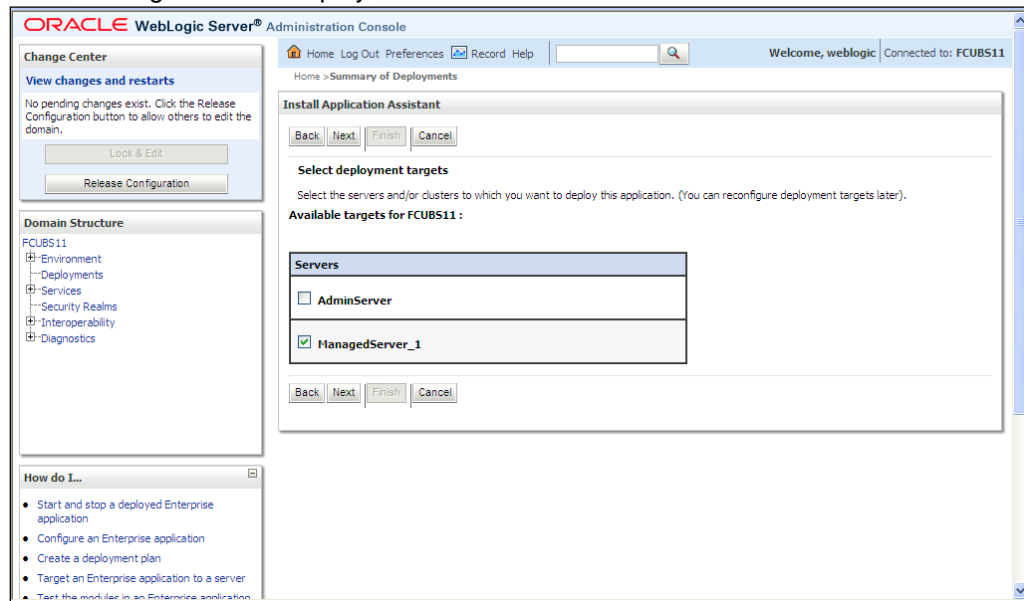


11. Choose the targeting style 'Install this deployment as an application'.

12. Click 'Next'.

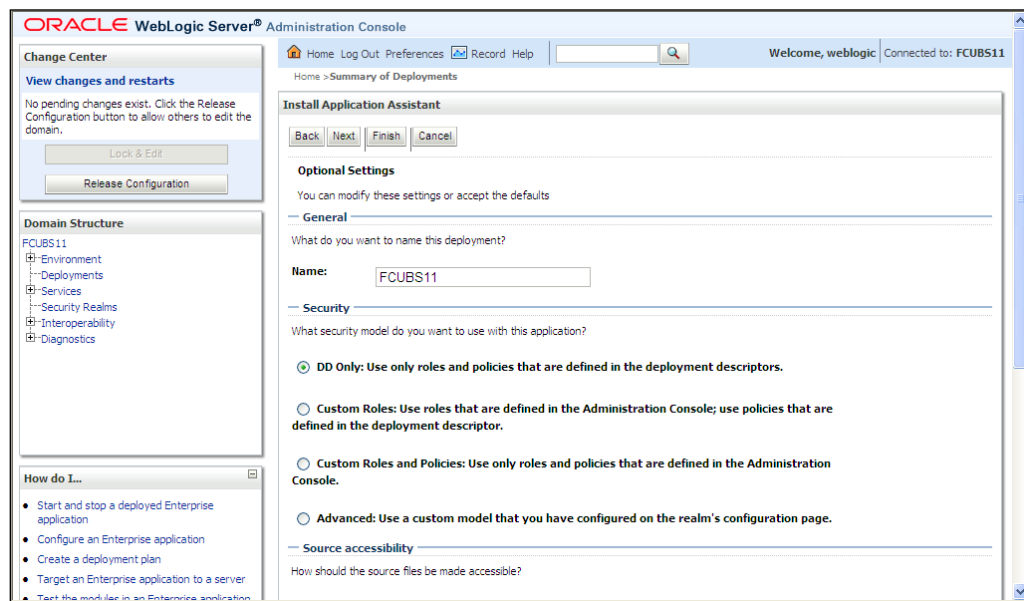


The following screen is displayed



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:**
  - Domain Structure: 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**
    - ☐ **Copy this application onto every target for me**
    - ☐ **I will make the deployment accessible from the following location**

Recommended selection.

During deployment, the files will be copied automatically to the managed servers to which the application is targeted.

**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.

Buttons: Back, Next, Finish, Cancel

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:**
  - Domain Structure: 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:**

Buttons: 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:\dev11g11.1.1.1.0\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.

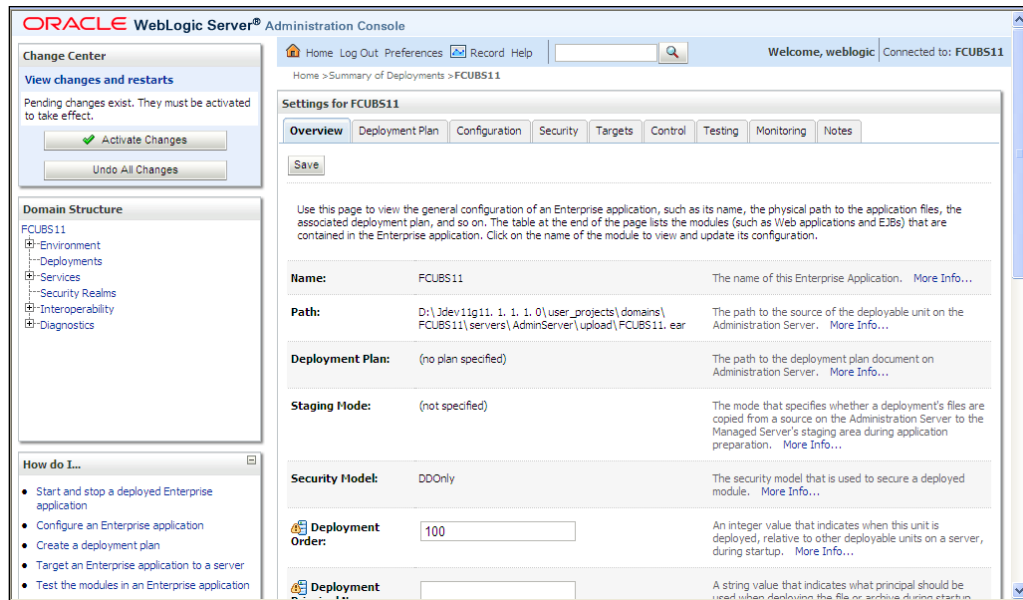
**Target Summary**

Components	Targets
FCUBS11.ear	ManagedServer_1

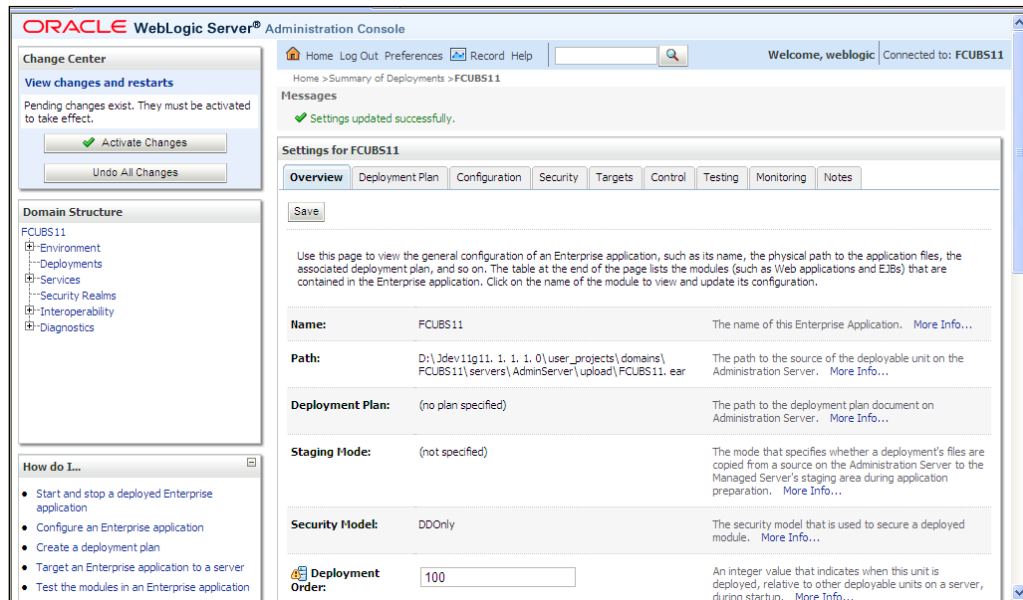
Buttons: Back, Next, Finish, Cancel

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

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

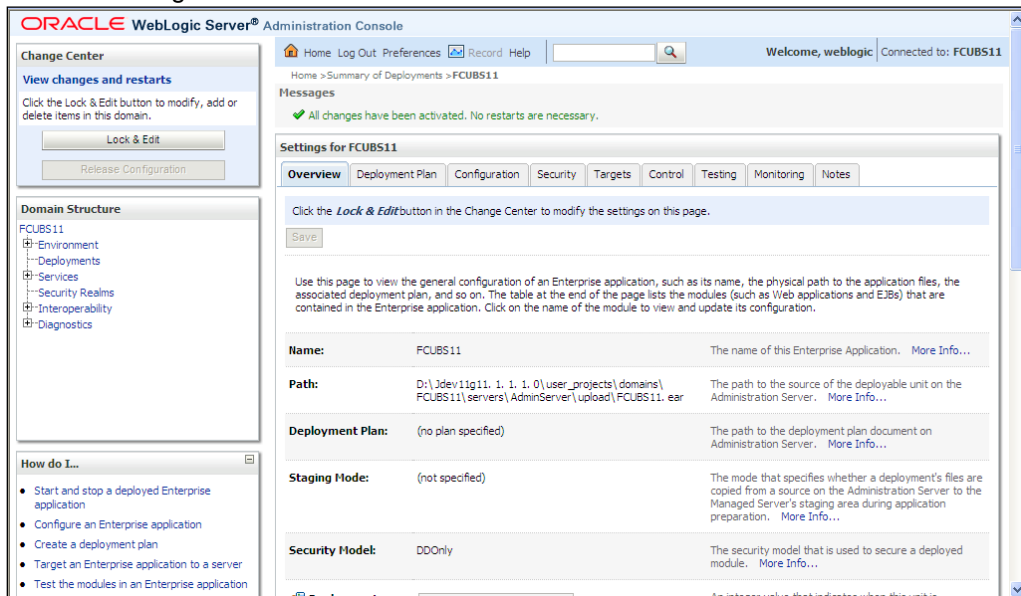


18. Click 'Save' button. The message 'Settings updated successfully' is displayed.

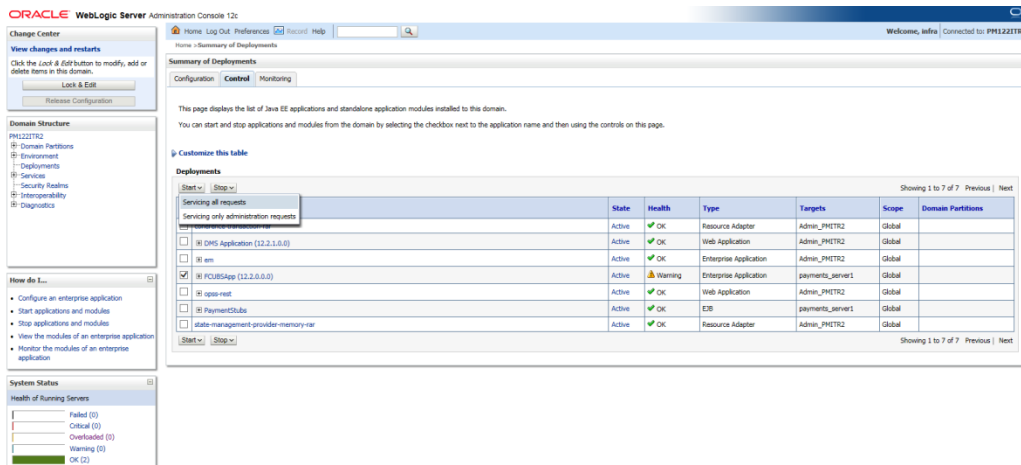


19. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

The screen is given below:

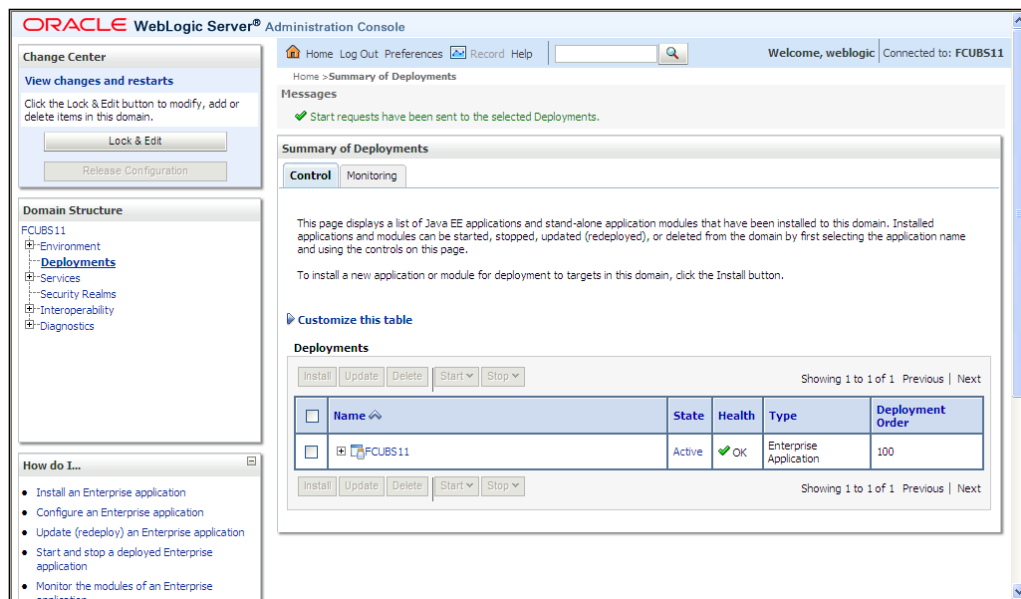
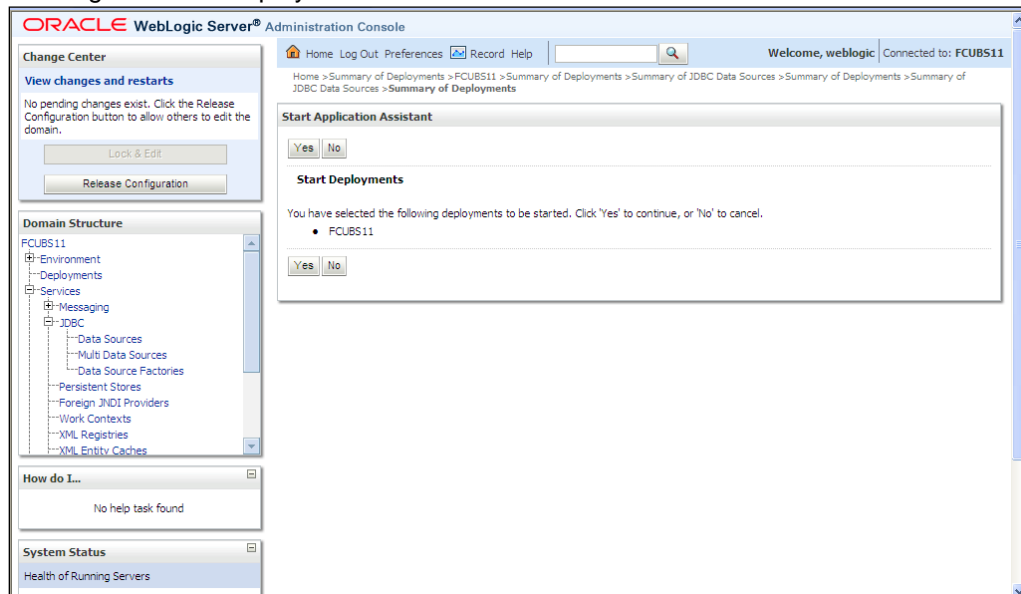


Click 'Deployment' on the left pane. Switch to Control tab .The following screen is displayed.



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

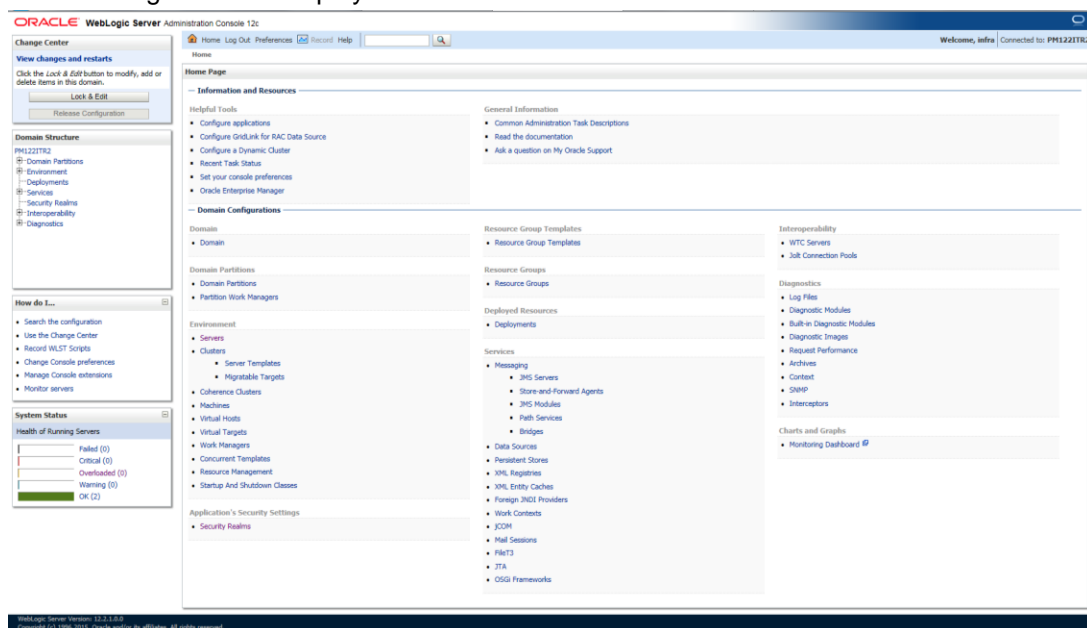
1. Launch Administrative Console of WebLogic application server. You can launch this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.  
Eg: `http://10.10.10.10:1001/console`

22. The following screen is displayed:



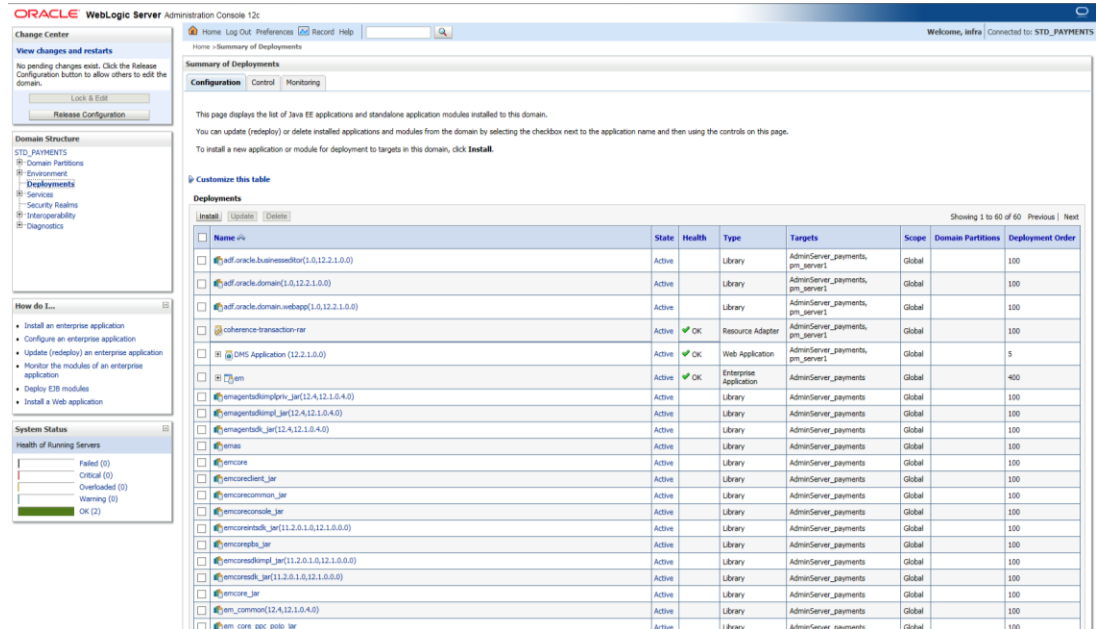
23. Specify the WebLogic administrator user name and password. Click 'Log In'.

The following screen is displayed:

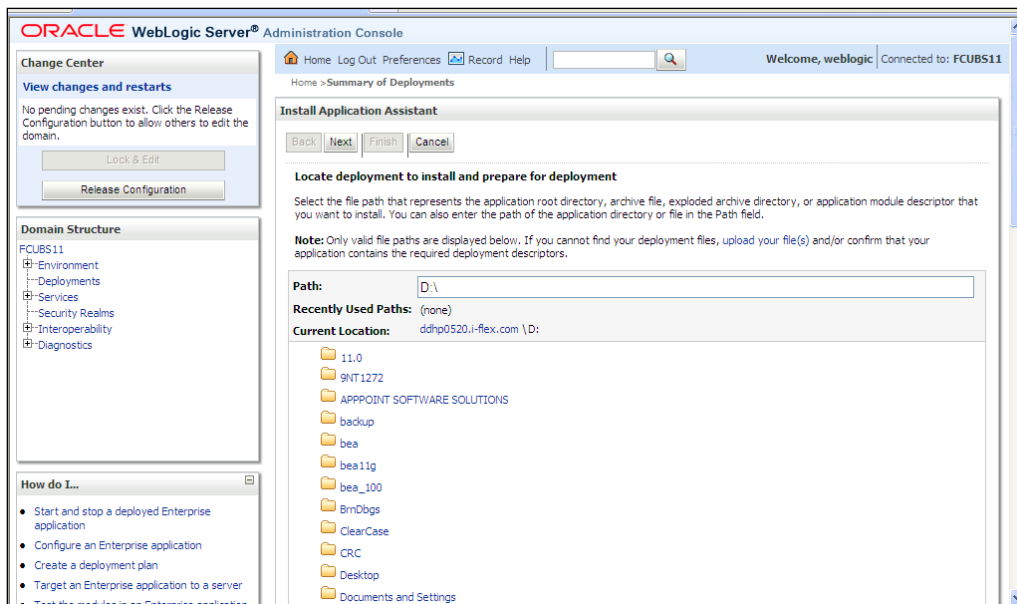


24. You need to deploy an EAR. For e.g. 'GWEJB.ear'. Go to 'Deployment'.

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

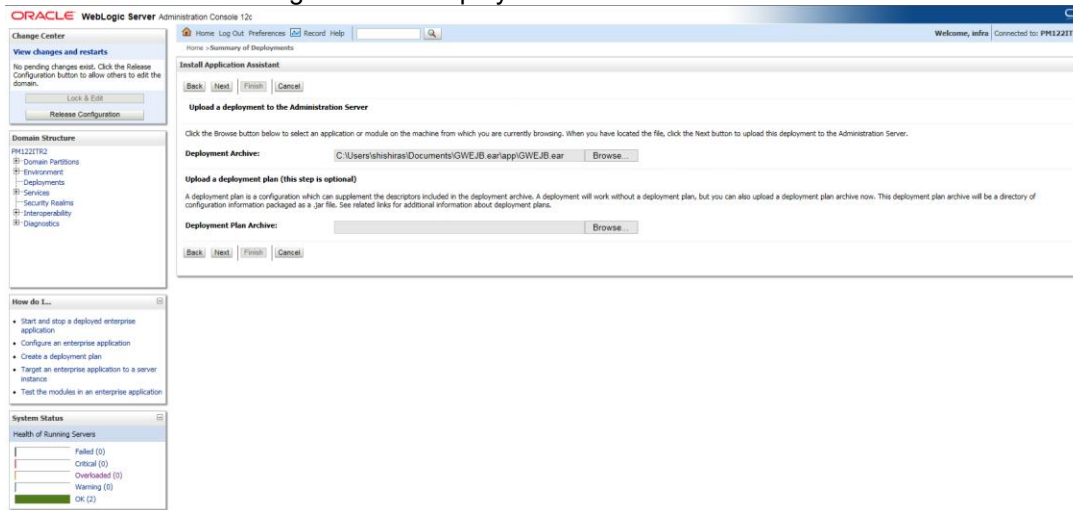


25. Click 'Install' button. The following screen is displayed:



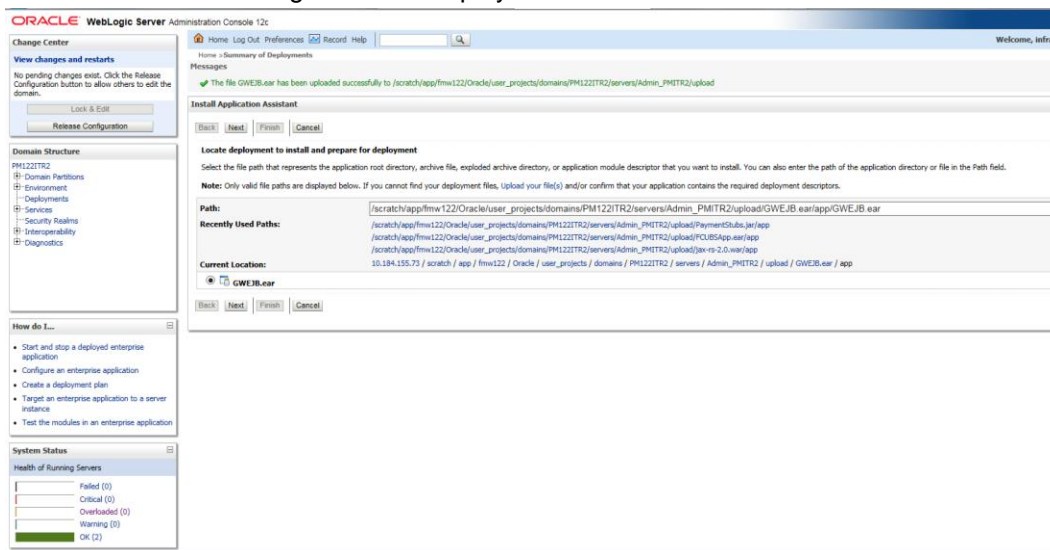
26. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.

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 Oracle WebLogic Server Administration Console 12c. The main window is titled 'Install Application Assistant'. On the left, there is a sidebar with sections: 'Change Center' (with 'View changes and restarts' and 'Release Configuration' buttons), 'Domain Structure' (showing a tree view with 'PM1221TR2' selected), 'How do I...' (with a list of tasks), and 'System Status' (showing 'Health of Running Servers' with a bar chart and counts: Failed (0), Critical (0), Overloaded (0), Warning (0), OK (2)). The main content area has a breadcrumb 'Home > Summary of Deployments' and a search bar. Below this, there are navigation buttons: 'Back', 'Next', 'Finish', and 'Cancel'. The 'Next' button is highlighted. The main content area is titled 'Choose installation type and scope'. It contains the following 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.' Below this, there are three radio buttons: 'Install this deployment as an application' (selected), 'Install this deployment as a library', and 'Install this deployment as an application, but target the components individually'. Below the radio buttons, there is a text area: '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.' Below the text area, there is a text area: '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.' Below the text area, there is a 'Scope:' label and a dropdown menu with 'Global' selected. At the bottom, there are navigation buttons: 'Back', 'Next', 'Finish', and 'Cancel'.

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

33. Click 'Next'.

The following screen is displayed

The screenshot shows the Oracle WebLogic Server Administration Console 12c. The main window is titled 'Select deployment targets'. On the left, there is a sidebar with sections: 'Change Center' (with 'View changes and restarts' and 'Release Configuration' buttons), 'Domain Structure' (showing a tree view with 'PM1221TR2' selected), 'How do I...' (with a list of tasks), and 'System Status' (showing 'Health of Running Servers' with a bar chart and counts: Failed (0), Critical (0), Overloaded (0), Warning (0), OK (2)). The main content area has a breadcrumb 'Home > Summary of Deployments' and a search bar. Below this, there are navigation buttons: 'Back', 'Next', 'Finish', and 'Cancel'. The 'Next' button is highlighted. The main content area is titled 'Select deployment targets'. It contains the following text: 'Select the servers and/or clusters to which you want to deploy this application. (You can reconfigure deployment targets later).' Below this, there is a section titled 'Available targets for GWEJB :'. Below this section, there is a table with two columns: 'Servers' and 'Available targets for GWEJB :'. The table has two rows: 'Admin\_PM1TR2' and 'payments\_server1'. The 'payments\_server1' row is selected. Below the table, there are navigation buttons: 'Back', 'Next', 'Finish', and '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

☐ Use the same accessibility as the application

**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

36. Check the deployment name.

The remaining portion of the screen is shown below:

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

☐ Use the same accessibility as the application

**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.

**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\_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

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, infra Conn

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.

<b>Name:</b>	GWEJB	The name of this enterprise application. <a href="#">More Info...</a>
<b>Scope:</b>	Global	Specifies if this enterprise application is accessible within the domain, a partition, or a resource template. <a href="#">More Info...</a>
<b>Archive Version:</b>	12.2.0.0.0	The archive version, specified from the manifest or overridden during deployment. <a href="#">More Info...</a>
<b>Path:</b>	/scratch/app/fmw122/Oracle/user_projects/domains/PM1221TR2/servers/Admin_PMTIR2/upload/GWEJB.ear/app/GWEJB.ear	The path to the source of the deployable unit on the Administration Server. <a href="#">More Info...</a>
<b>Deployment Plan:</b>	(no plan specified)	The path to the deployment plan document on the Administration Server. <a href="#">More Info...</a>
<b>Staging Mode:</b>	(not specified)	Specifies whether a deployment's files are copied from a source on the Administration Server's staging area during application preparation. <a href="#">More Info...</a>
<b>Plan Staging Mode:</b>	(not specified)	Specifies whether an application's deployment plan is copied from a source on the Administration Server's staging area during application preparation. <a href="#">More Info...</a>
<b>Security Model:</b>	DOOnly	The security model that is used to secure a deployed module. <a href="#">More Info...</a>
<b>Deployment Order:</b>	100	An integer value that indicates when this unit is deployed, relative to other deployable units during startup. <a href="#">More Info...</a>
<b>Deployment Principal Name:</b>		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. <a href="#">More Info...</a>

Save

**Modules and Components**

Showing 1 to 1 of 1

Name
GWEJB (12.2.0.0.0)

Expand Collapse

- PCManProcEJB
- PCServletEJB
- 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 displays a message: 'Settings updated successfully.' Below this, the 'Domain Structure' pane shows a tree view with 'PM1221TR2' expanded, showing 'Domain Partitions', 'Environment', 'Deployments', 'Services', 'Security Realms', 'Interoperability', and 'Diagnostics'. The 'How do I...' pane lists tasks like 'Start and stop a deployed enterprise application'. The 'System Status' pane shows 'Health of Running Servers' with a bar chart indicating 'Failed (0)', 'Critical (0)', 'Overloaded (0)', 'Warning (0)', and 'OK (2)'. The main content area is titled 'Settings for GWEJB (12.2.0.0.0)' and has tabs for 'Overview', 'Deployment Plan', 'Configuration', 'Security', 'Targets', 'Control', 'Testing', 'Monitoring', and 'Notes'. The 'Overview' tab is active, showing a 'Save' button and a message: '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 contained in the enterprise application. Click on the name of the module to view and update its configuration.' Below this is a table with configuration details:

Name:	GWEJB	The name of this enterprise application. <a href="#">More Info...</a>
Scope:	Global	Specifies if this enterprise application is accessible within the domain, template. <a href="#">More Info...</a>
Archive Version:	12.2.0.0.0	The archive version, specified from the manifest or overridden d
Path:	/ scratch/ app/ fmv122/ Oracle/ user_projects/ domains/ PM1221TR2/ servers/ Admin_PM12TR2/ upload/ GWEJB. ear/ app/ GWEJB. ear	The path to the source of the deployable unit on the Administration S
Deployment Plan:	(no plan specified)	The path to the deployment plan document on the Administration Ser
Staging Mode:	(not specified)	Specifies whether a deployment's files are copied from a source on th Server's staging area during application preparation. <a href="#">More Info...</a>
Plan Staging Mode:	(not specified)	Specifies whether an application's deployment plan is copied from a s Managed Server's staging area during application preparation. <a href="#">More Info...</a>
Security Model:	DOOnly	The security model that is used to secure a deployed module. <a href="#">More Info...</a>
Deployment Order:	100	An integer value that indicates when this unit is deployed, relative to during startup. <a href="#">More Info...</a>
Deployment Principal Name:		A string value that indicates the principal that should be used when d and shutdown. This principal will be used to set the current subject w interfaces such as ApplicationLifecycleListener. If no principal name is will be used. <a href="#">More Info...</a>

At the bottom, the 'Modules and Components' section shows a tree view with 'GWEJB (12.2.0.0.0)' expanded, showing '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:

The screenshot shows the Oracle WebLogic Server Administration Console. On the left, the 'Change Center' pane displays a message: 'All changes have been activated. No restarts are necessary.' Below this, the 'Domain Structure' pane shows a tree view with 'PM1221TR2' expanded, showing 'Domain Partitions', 'Environment', 'Deployments', 'Services', 'Security Realms', 'Interoperability', and 'Diagnostics'. The 'How do I...' pane lists tasks like 'Start and stop a deployed enterprise application'. The 'System Status' pane shows 'Health of Running Servers' with a bar chart indicating 'Failed (0)', 'Critical (0)', 'Overloaded (0)', 'Warning (0)', and 'OK (2)'. The main content area is titled 'Settings for GWEJB (12.2.0.0.0)' and has tabs for 'Overview', 'Deployment Plan', 'Configuration', 'Security', 'Targets', 'Control', 'Testing', 'Monitoring', and 'Notes'. The 'Overview' tab is active, showing a 'Save' button and a message: 'Click the Lock & Edit button in the Change Center to modify the settings on this page.' Below this is a table with configuration details:

Name:	GWEJB	The name of this enterprise application. <a href="#">More Info...</a>
Scope:	Global	Specifies if this enterprise application is accessible within the domain, a part template. <a href="#">More Info...</a>
Archive Version:	12.2.0.0.0	The archive version, specified from the manifest or overridden during d
Path:	/ scratch/ app/ fmv122/ Oracle/ user_projects/ domains/ PM1221TR2/ servers/ Admin_PM12TR2/ upload/ GWEJB. ear/ app/ GWEJB. ear	The path to the source of the deployable unit on the Administration Server.
Deployment Plan:	(no plan specified)	The path to the deployment plan document on the Administration Server. f
Staging Mode:	(not specified)	Specifies whether a deployment's files are copied from a source on the Admi Server's staging area during application preparation. <a href="#">More Info...</a>
Plan Staging Mode:	(not specified)	Specifies whether an application's deployment plan is copied from a source c Managed Server's staging area during application preparation. <a href="#">More Info...</a>
Security Model:	DOOnly	The security model that is used to secure a deployed module. <a href="#">More Info...</a>
Deployment Order:	100	An integer value that indicates when this unit is deployed, relative to other d during startup. <a href="#">More Info...</a>
Deployment Principal Name:		A string value that indicates the principal that should be used when deployin and shutdown. This principal will be used to set the current subject when ca interfaces such as ApplicationLifecycleListener. If no principal name is specif will be used. <a href="#">More Info...</a>

At the bottom, the 'Modules and Components' section shows a tree view with 'GWEJB (12.2.0.0.0)' expanded, showing 'EJBs', 'PCMainProcEJB', and 'PCSrvRouterEJB'.

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  
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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

**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**

PM1221TR2

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

**How do I...**

No task help found.

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

**Oracle WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Welcome, infra Connected to: PMS1221R2

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
<input type="checkbox"/> coherence-transaction-war	Active	OK	Resource Adapter	Admin_PMS1R2	Global	
<input type="checkbox"/> DMS Application (12.2.1.0.0)	Active	OK	Web Application	Admin_PMS1R2	Global	
<input type="checkbox"/> em	Active	OK	Enterprise Application	Admin_PMS1R2	Global	
<input type="checkbox"/> FCMBSApp (12.2.0.0.0)	Active	Warning	Enterprise Application	payments_server1	Global	
<input type="checkbox"/> GWSS (12.2.0.0.0)	Active	OK	Enterprise Application	payments_server1	Global	
<input type="checkbox"/> ipay-rest	Active	OK	Web Application	Admin_PMS1R2	Global	
<input type="checkbox"/> PaymentStub	Active	OK	EDB	payments_server1	Global	
<input type="checkbox"/> state-management-provider-memory-war	Active	OK	Resource Adapter	Admin_PMS1R2	Global	

Showing 1 to 8 of 8 Previous Next

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: 12.2.0.0.0  
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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 FLEXCUBE on WebLogic  
[November] [2022]

Version 14.6.2.0.0

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