

Deploying Oracle FLEXCUBE Application on WebLogic  
Oracle FLEXCUBE Universal Banking  
Release 14.8.1.0.0  
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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.

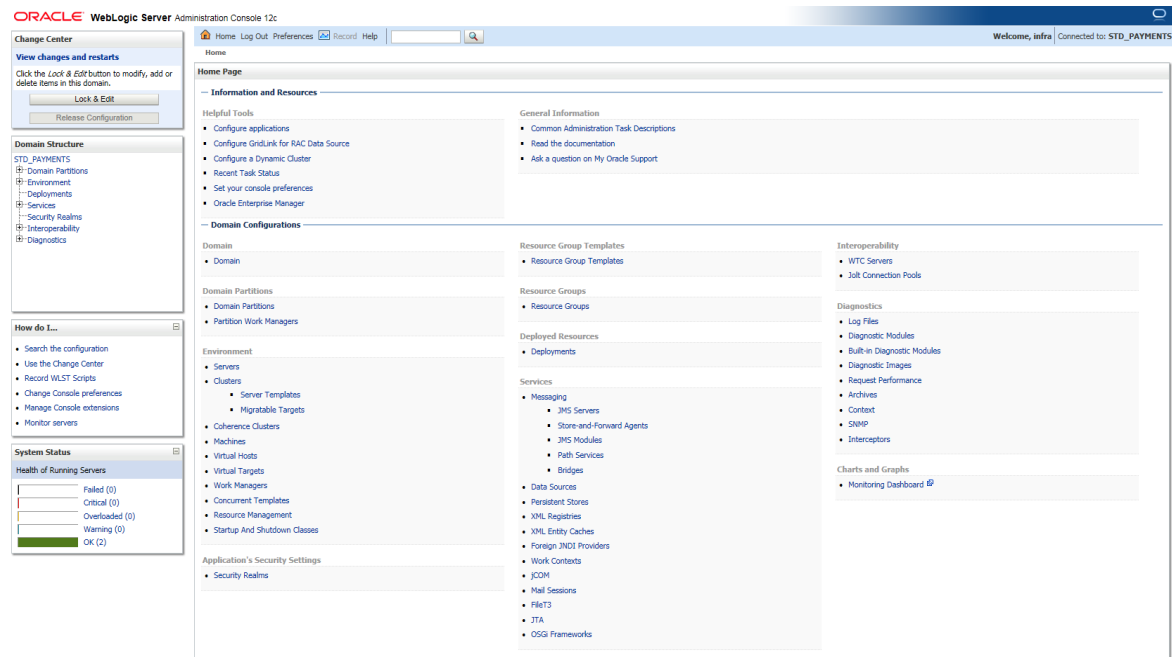
1. Start the Administrative Console of WebLogic application server. You can start this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.

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

The following screen is displayed:

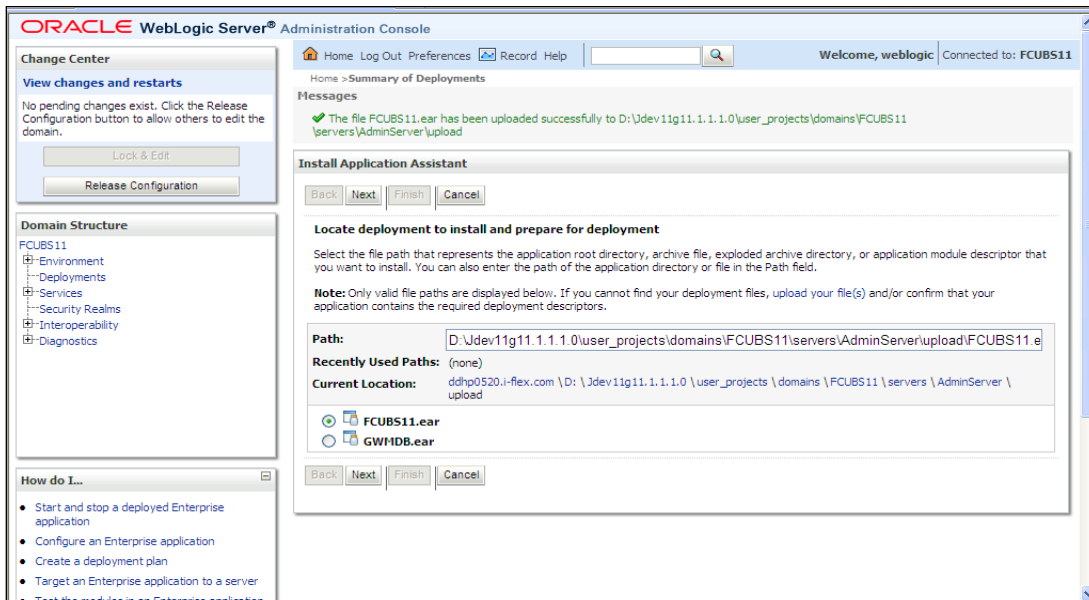


- Specify the WebLogic administrator user name and password. Click 'Log In'.



- 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.

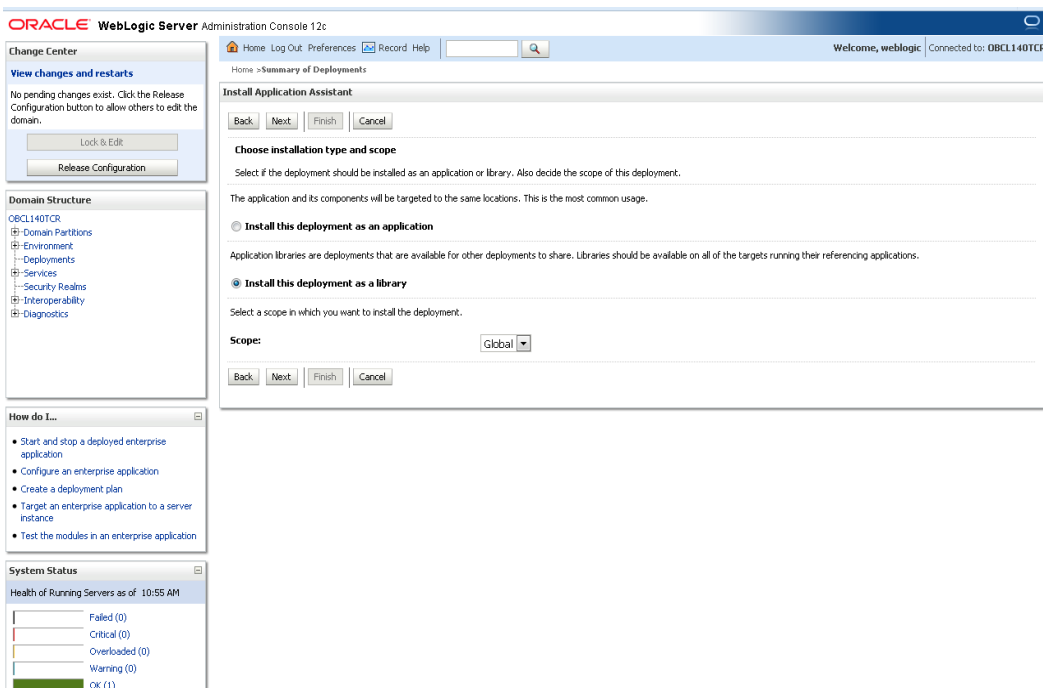




9. Select the application Adapter EAR from the list.

10. Click 'Next'.

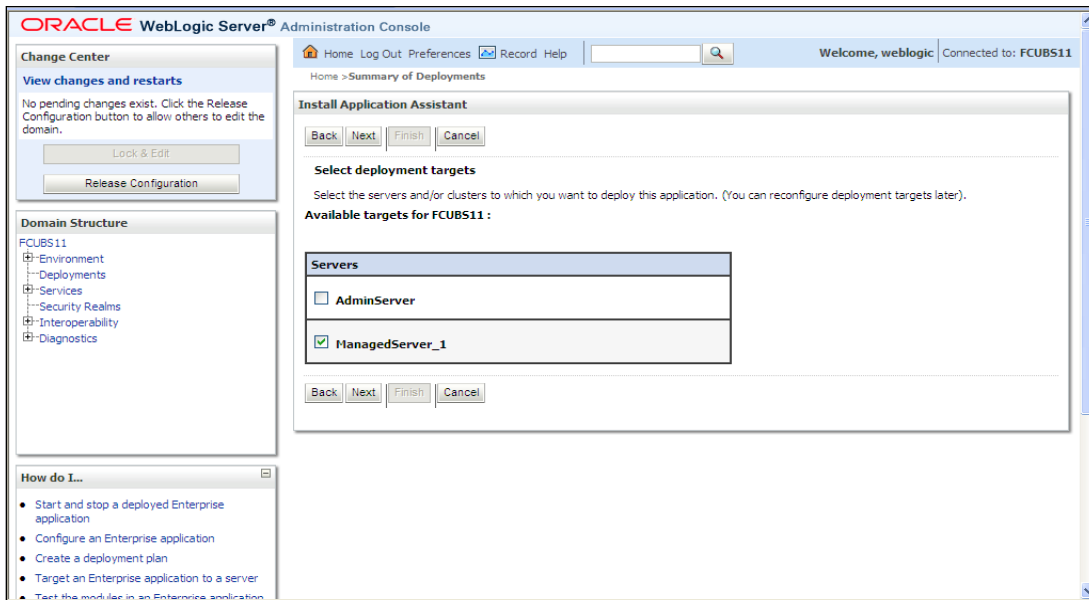
The following screen is displayed.



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

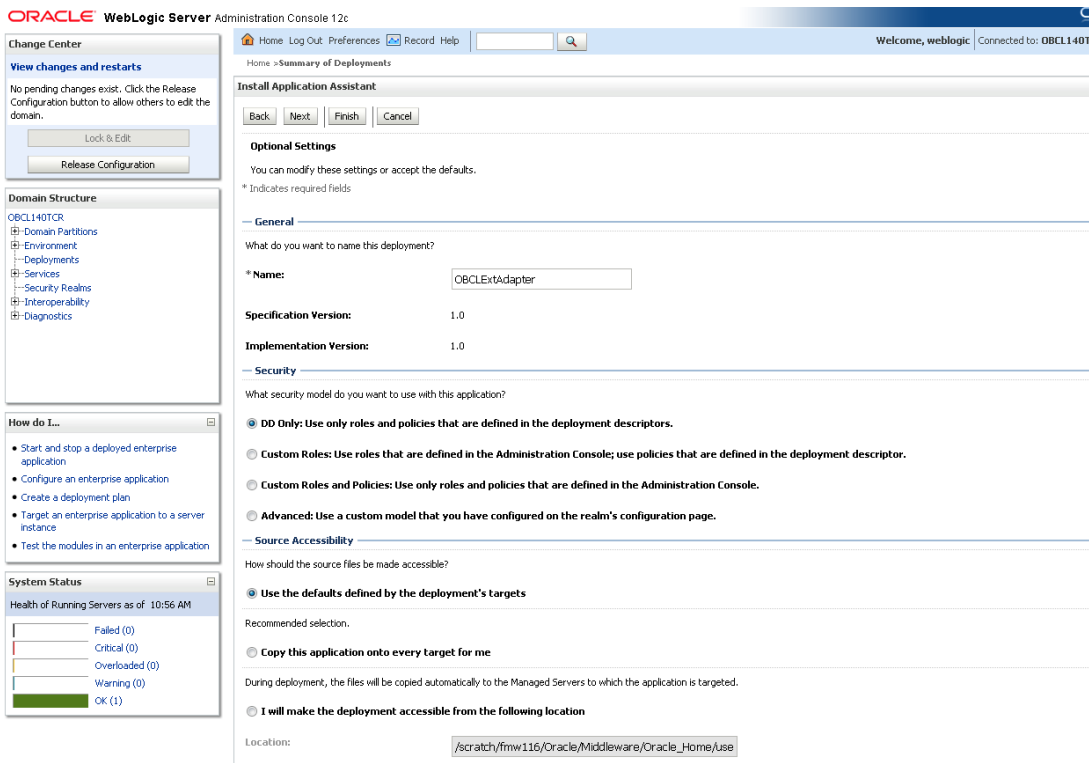
12. Click 'Next'.

The following screen is displayed.



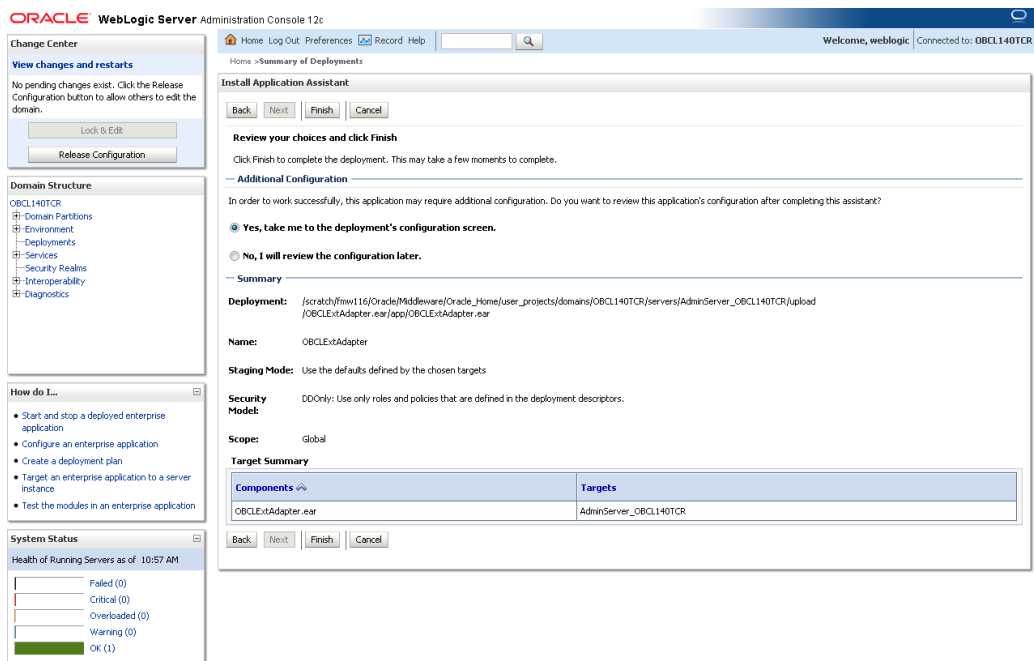
13. Select the target of the application. You can choose the server 'AdminServer' or 'Managed Server(s)'.

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



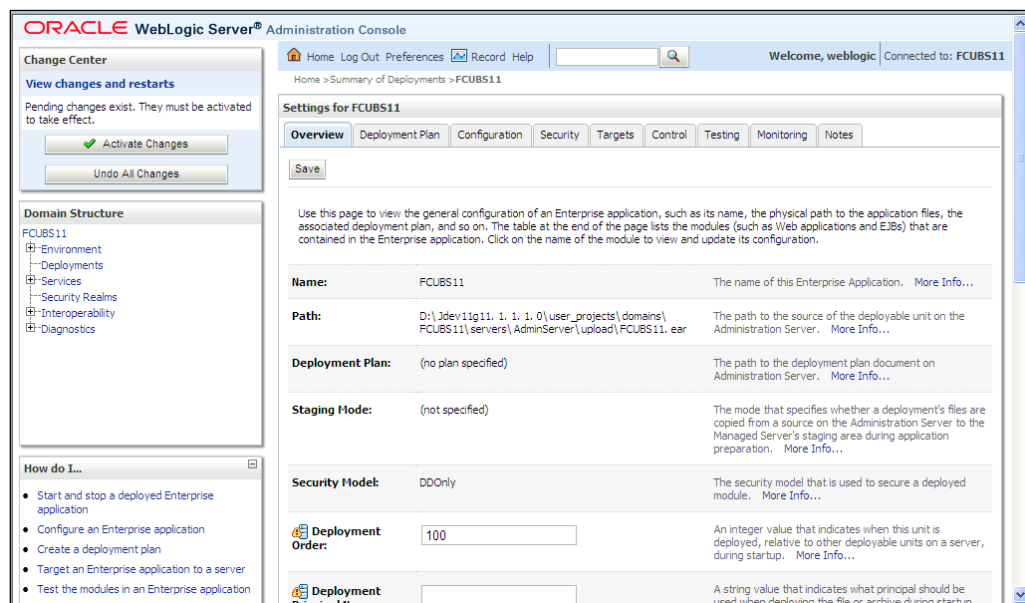
15. Check the deployment name.

The remaining portion of the screen is shown below:



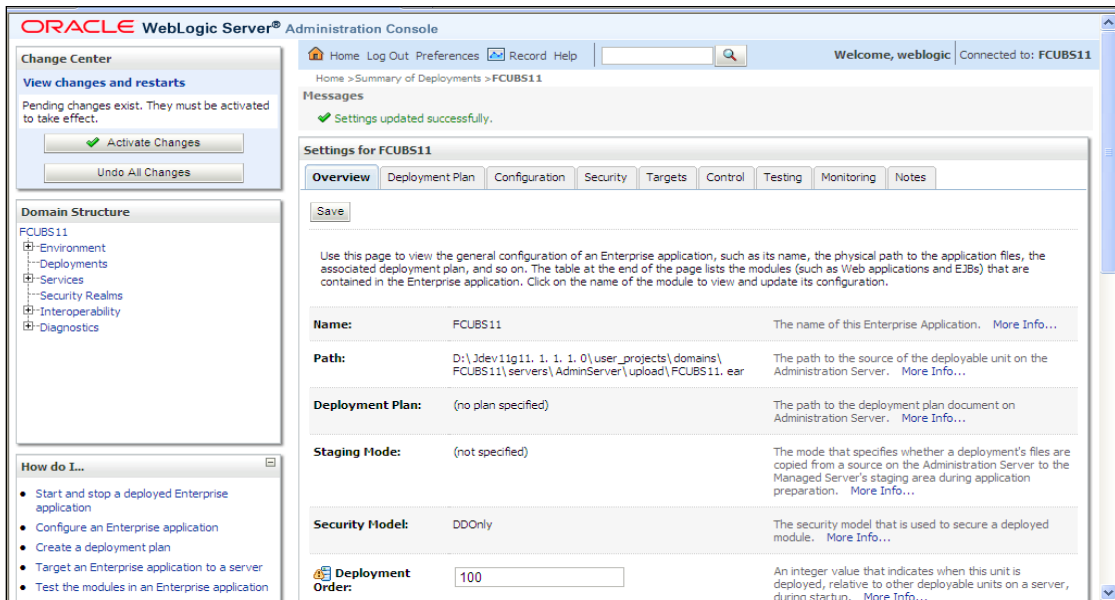
16. Click 'Finish' button.

The following screen is displayed.



17. Click 'Save' button.

The message 'Settings updated successfully' is displayed.



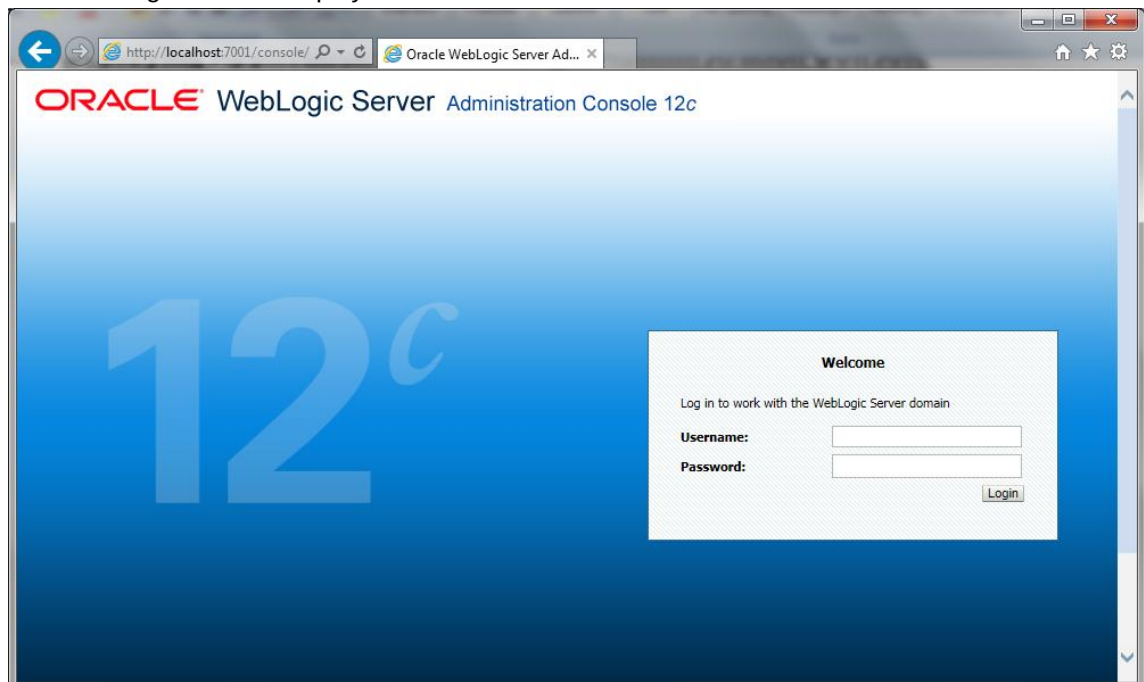
18. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

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

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

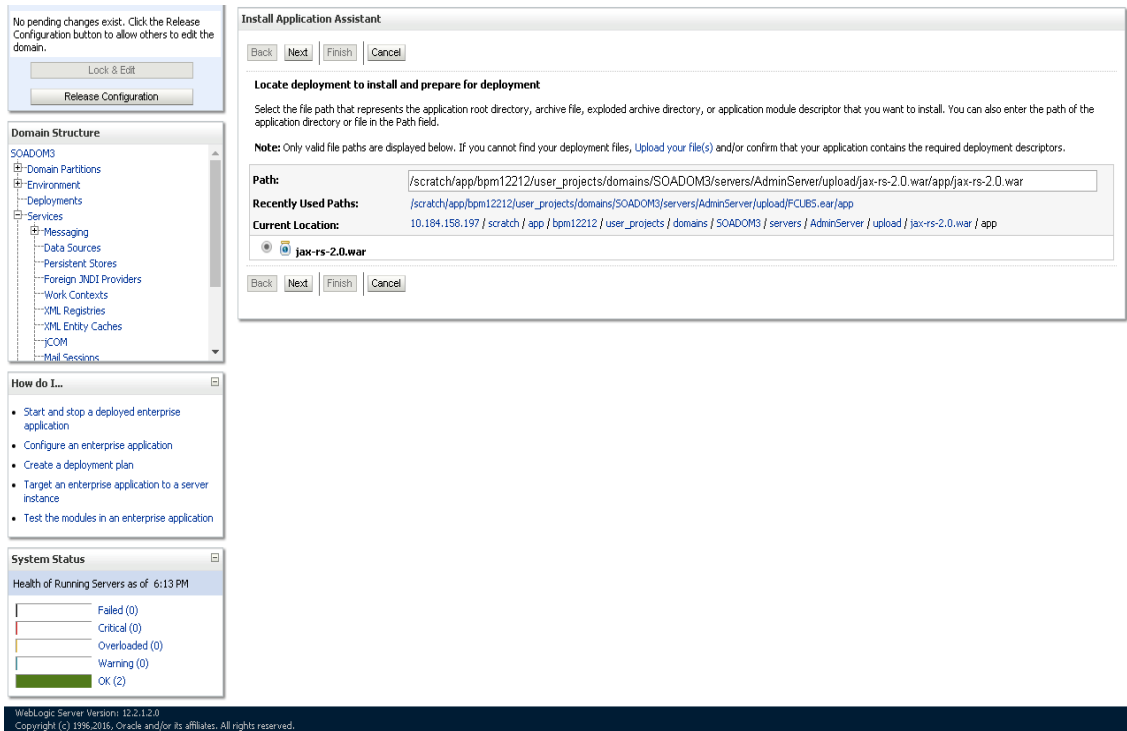
1. Start the Administrative Console of WebLogic application server. You can start this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.  
Eg: <http://10.10.10.10:1001/console>

The following screen is displayed:

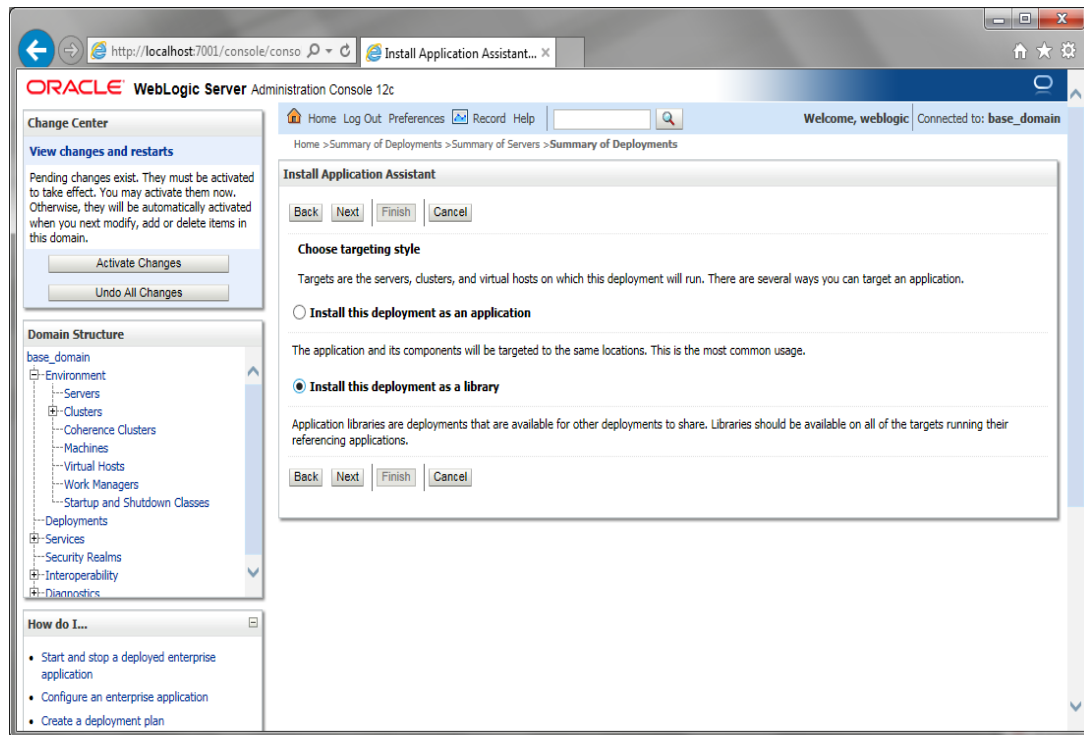


- The following screen is displayed:

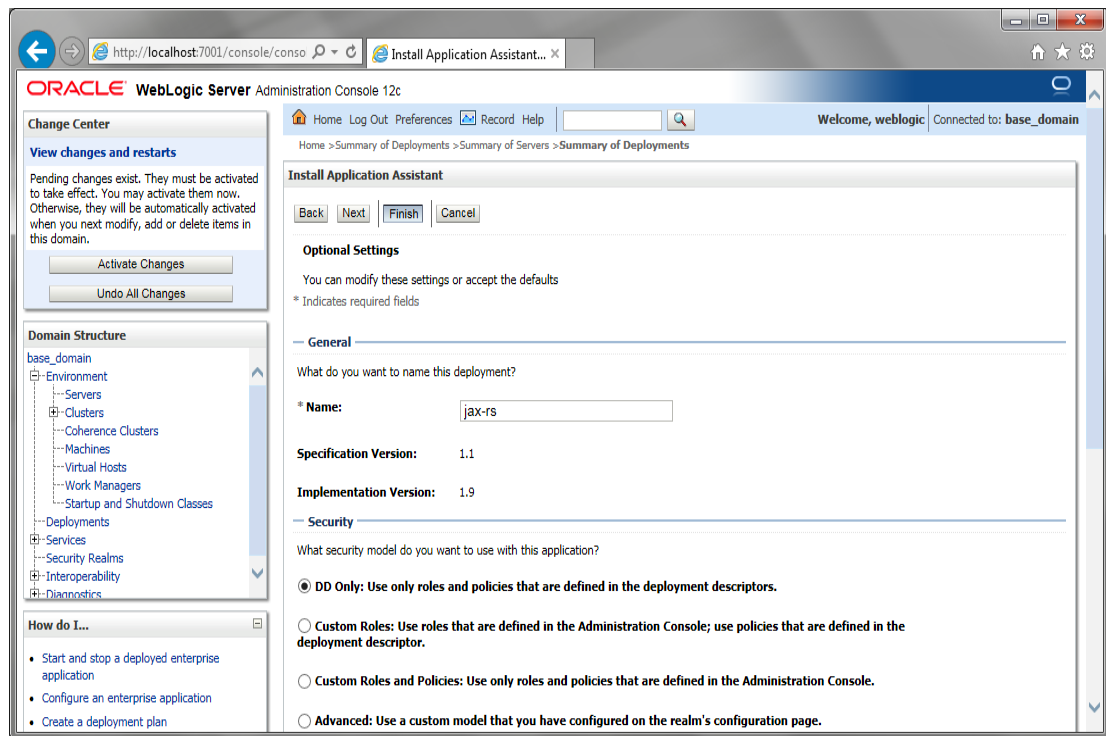




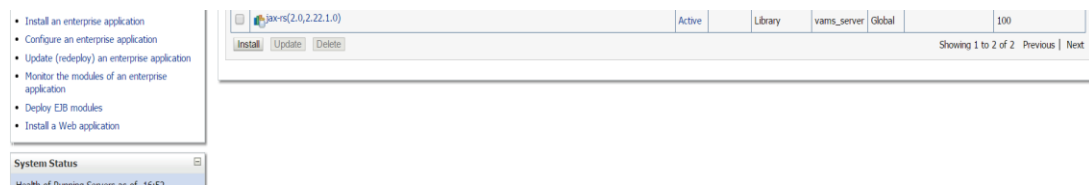
4. Navigate and select jersey bundle under the path “*w\server\common\deployable-libraries\jax-rs-2.0.war*” and click next.



5. Select “install this deployment as library”, select target server as managed server and click next.



6. 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.

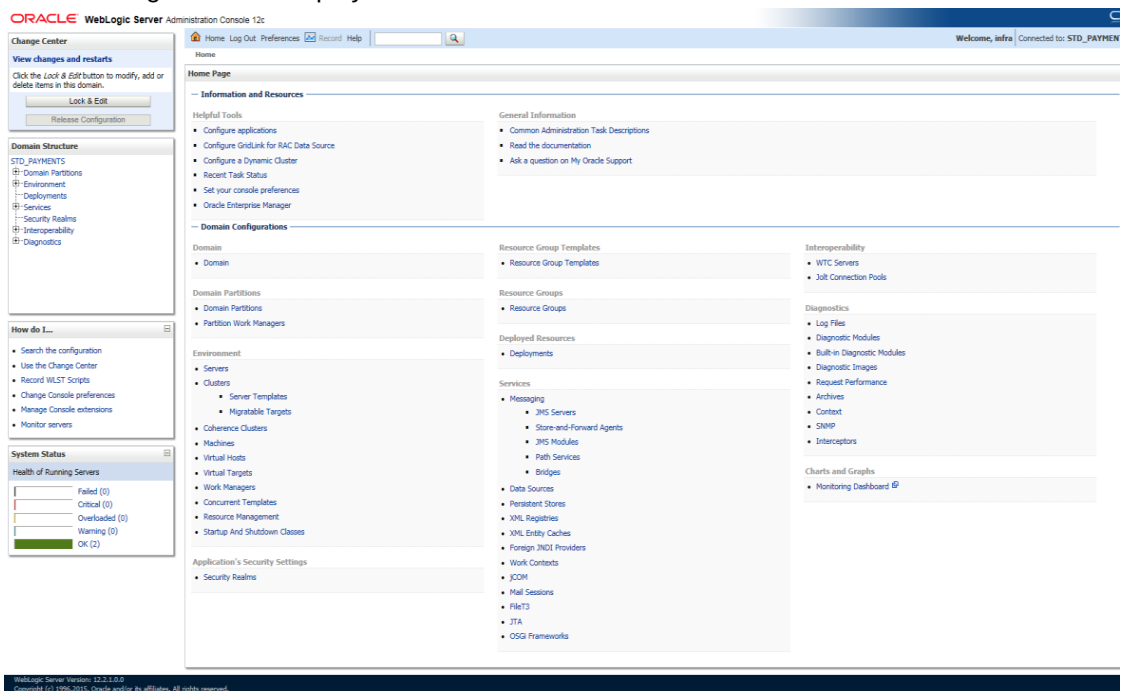
1. Start the Administrative Console of WebLogic application server. You can start this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.  
Eg: <http://10.10.10.10:1001/console>

The following screen is displayed:



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

The following screen is displayed:



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

- ORACLE** WebLogic Server Administration Console 12c

Change Center  
View changes and restarts  
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.  
Lock & Edit  
Release Configuration

Domain Structure  
STD\_PAYMENTS  
[-] Domain Partitions  
[-] Environments  
[-] Deployments  
[-] Services  
[-] Security Realms  
[-] Interoperability  
[-] Diagnostics

How do I...  
• Install an enterprise application  
• Configure an enterprise application  
• Update (redeploy) an enterprise application  
• Monitor the modules of an enterprise application  
• Deploy EJB modules  
• Install a Web application

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

Home » Summary of Deployments  
Record Help

### Summary of Deployments

**Configuration** Control Monitoring

This page displays the list of Java EE applications and standalone application modules installed to this domain.

You can update (redeploy) or delete installed applications and modules from the domain by selecting the checkbox next to the application name and then using the controls on this page.

To install a new application or module for deployment to targets in this domain, click **Install**.

Customize this table

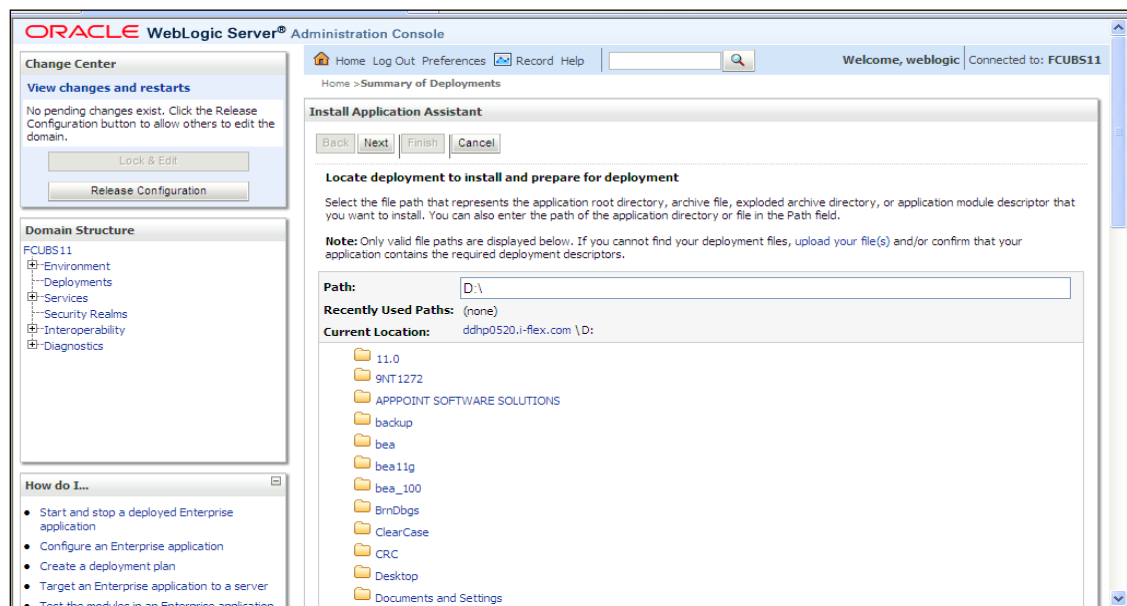
Deployments

Install | Update | Delete

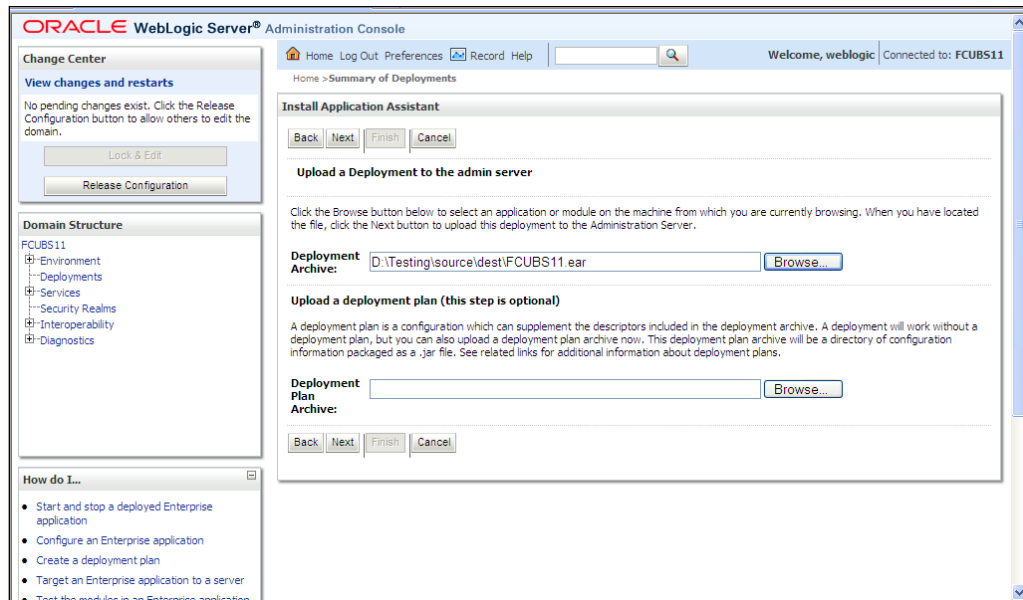
Showing 1 to 60 of 60 Previous Next

| Name                                       | State  | Health | Type                   | Targets                          | Scope  | Domain Partitions | Deployment Order |
|--------------------------------------------|--------|--------|------------------------|----------------------------------|--------|-------------------|------------------|
| self.oracle.businesseditor(1.0,12.2.1.0.0) | Active |        | Library                | AdminServer_payments, pm_server1 | Global |                   | 100              |
| self.oracle.domain(1.0,12.2.1.0.0)         | Active |        | Library                | AdminServer_payments, pm_server1 | Global |                   | 100              |
| self.oracle.domain.webapp(1.0,12.2.1.0.0)  | Active |        | Library                | AdminServer_payments, pm_server1 | Global |                   | 100              |
| coherence.transaction-war                  | Active | OK     | Resource Adapter       | AdminServer_payments, pm_server1 | Global |                   | 100              |
| DHS 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              |
| emagentcdkimplpriv_jar(12.4.12.1.0.4.0)    | Active |        | Library                | AdminServer_payments             | Global |                   | 100              |
| emagentcdkimpl_jar(12.4.12.1.0.4.0)        | Active |        | Library                | AdminServer_payments             | Global |                   | 100              |
| emagentcdk_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              |
| emcoresdk_jar(11.2.0.1.0,12.1.0.0.0)       | Active |        | Library                | AdminServer_payments             | Global |                   | 100              |
| emcoreimpl_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_core_common(12.4.12.1.0.4.0)            | Active |        | Library                | AdminServer_payments             | Global |                   | 100              |
| em_core_impl_and_priv.jar                  | Active |        | Library                | AdminServer_payments             | Global |                   | 100              |

- The following screen is displayed:



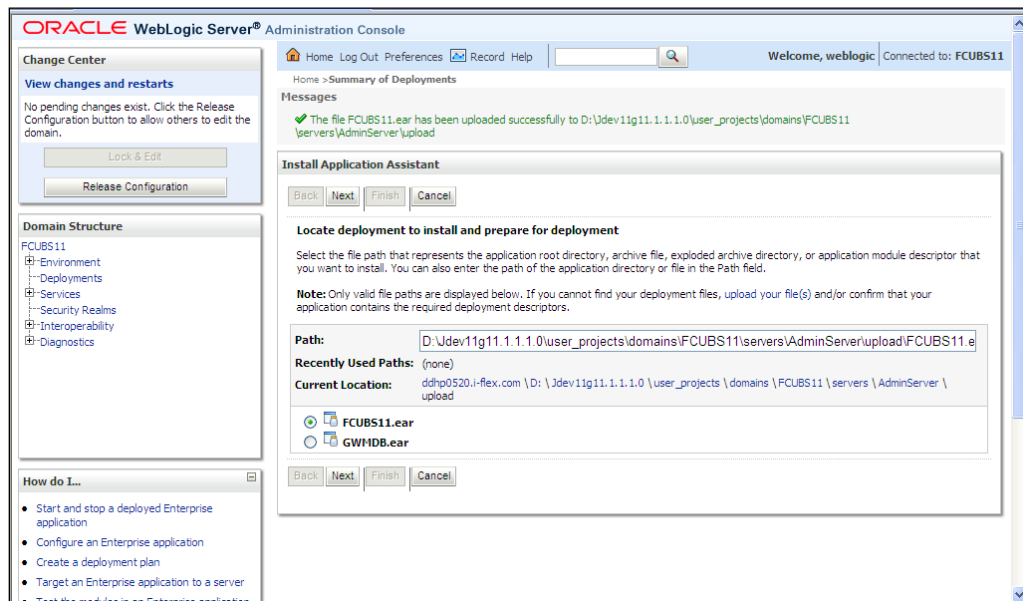
- The following screen is displayed:



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

9. Click 'Next'.

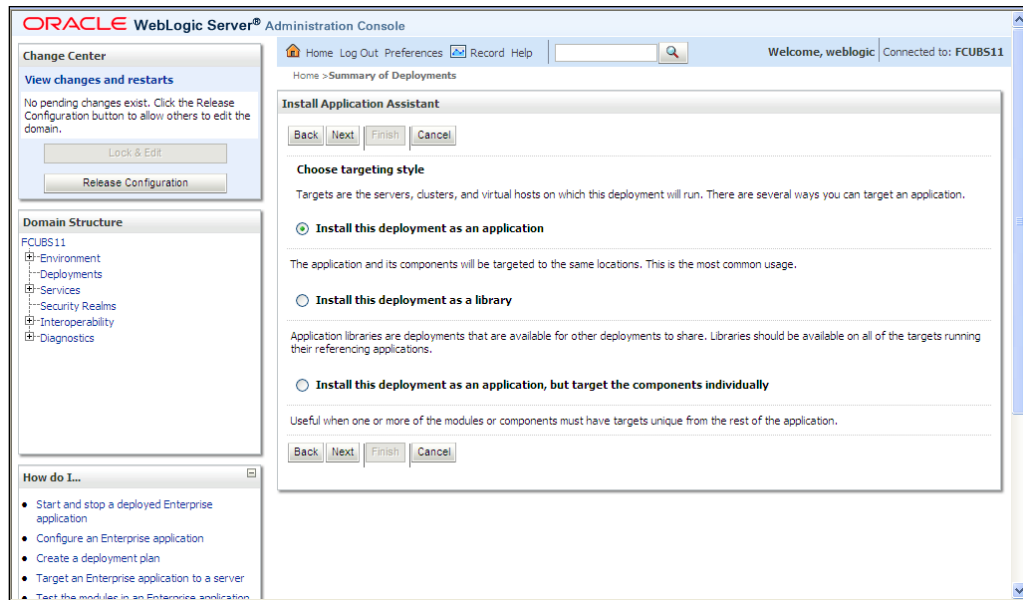
The following screen is displayed.



10. Select the application FCUBS EAR from the list.

11. Click 'Next'.

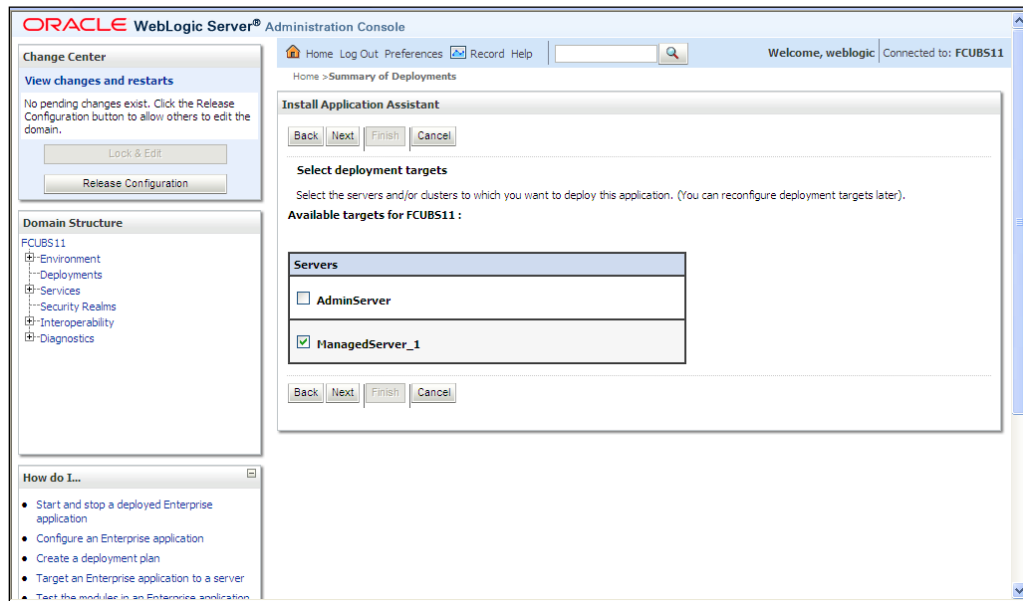
The following screen is displayed:



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

13. Click 'Next'.

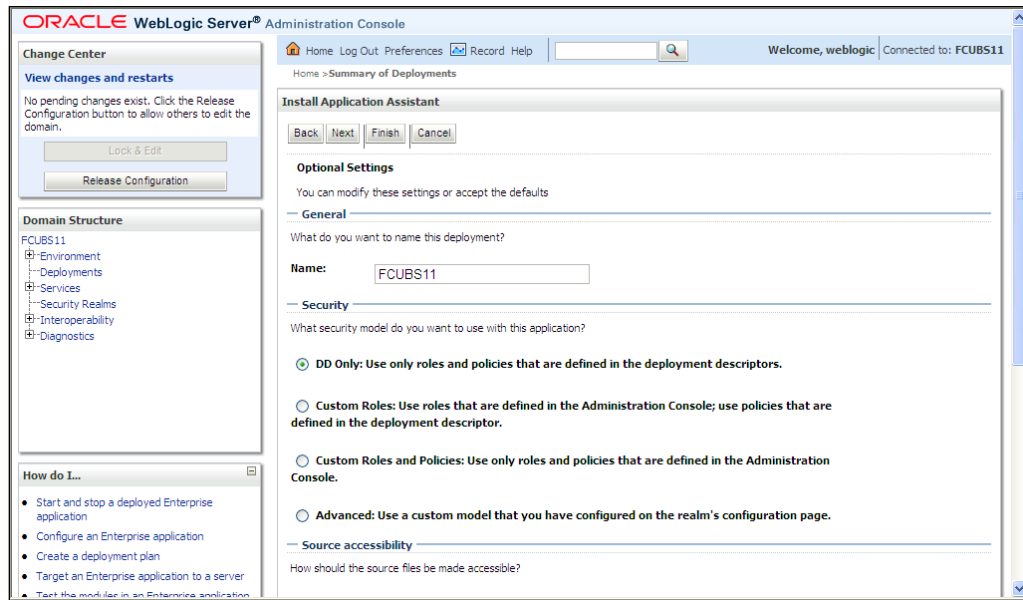
The following screen is displayed



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

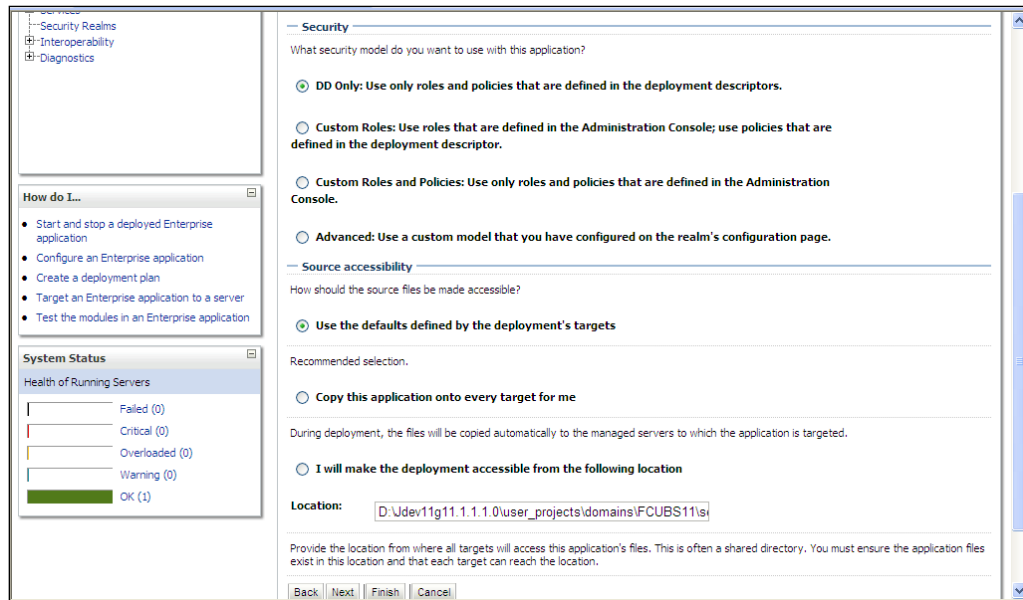
15. Click 'Next'.

The following screen appears.



16. Check the deployment name.

The remaining portion of the screen is shown below:



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

The following screen is displayed.

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

Lock & Edit  
Release Configuration

**Domain Structure**

FCUBS11

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

**How do I...**

- Start and stop a deployed Enterprise application
- Configure an Enterprise application
- Create a deployment plan
- Target an Enterprise application to a server
- Test the modules in an Enterprise application

**System Status**

Health of Running Servers

**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:\dev\11g11.1.1.0\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

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

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

**ORACLE WebLogic Server® Administration Console**

Home Log Out Preferences Record Help Welcome, weblogic Connected to: FCUBS11

Home > Summary of Deployments > FCUBS11

**Settings for FCUBS11**

Overview Deployment Plan Configuration Security Targets Control Testing Monitoring Notes

Save

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

**Name:** FCUBS11 The name of this Enterprise Application. [More Info...](#)

**Path:** D:\dev\11g11.1.1.0\user\_projects\domains\FCUBS11\servers\AdminServer\upload\FCUBS11.ear The path to the source of the deployable unit on the Administration Server. [More Info...](#)

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

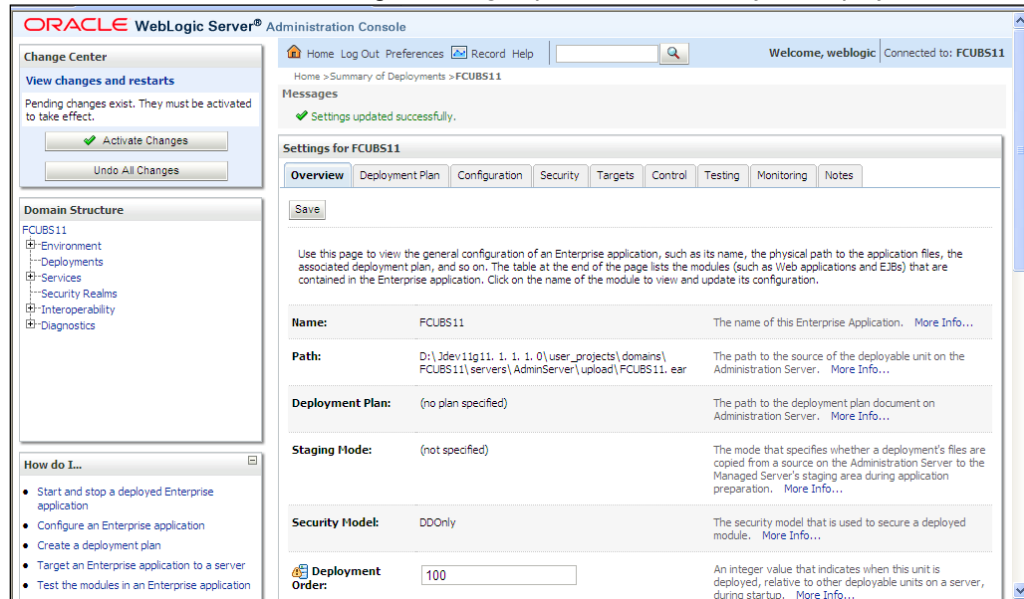
**Staging Mode:** (not specified) The mode that specifies whether a deployment's files are copied from a source on the Administration Server to the Managed Server's staging area during application preparation. [More Info...](#)

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

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

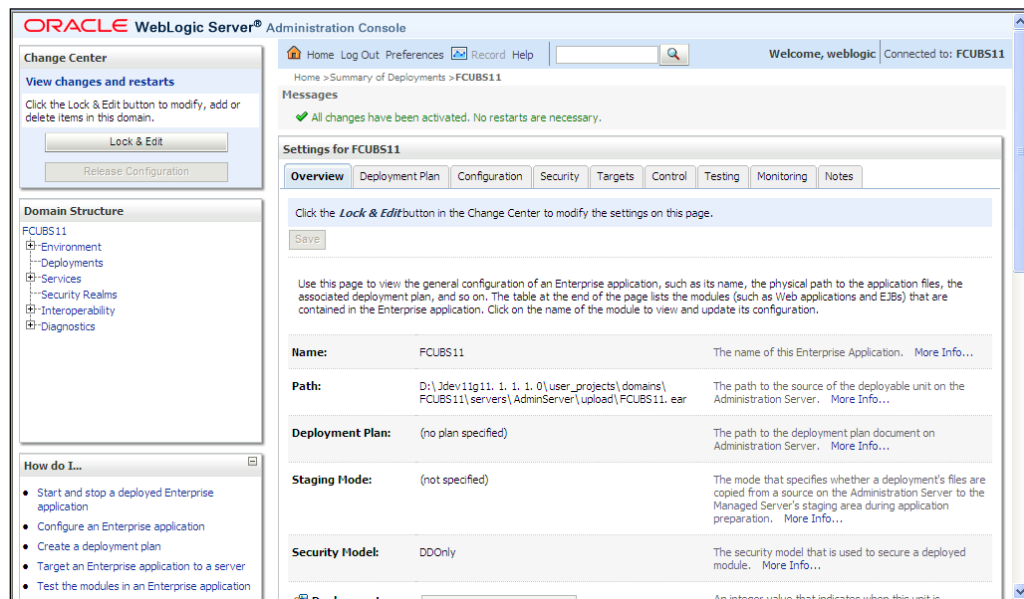
**Deployment:** A string value that indicates what principal should be used when deploying the file or archive during startup.

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

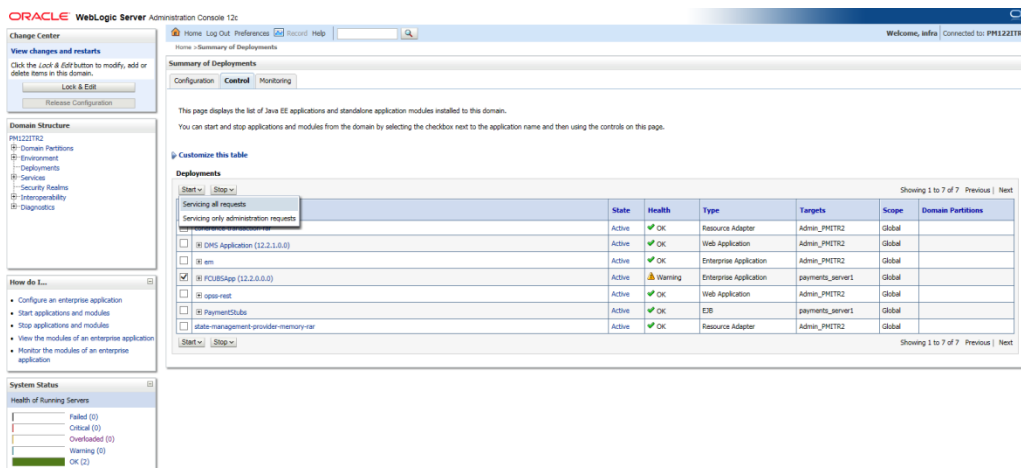


20. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

The screen is given below:

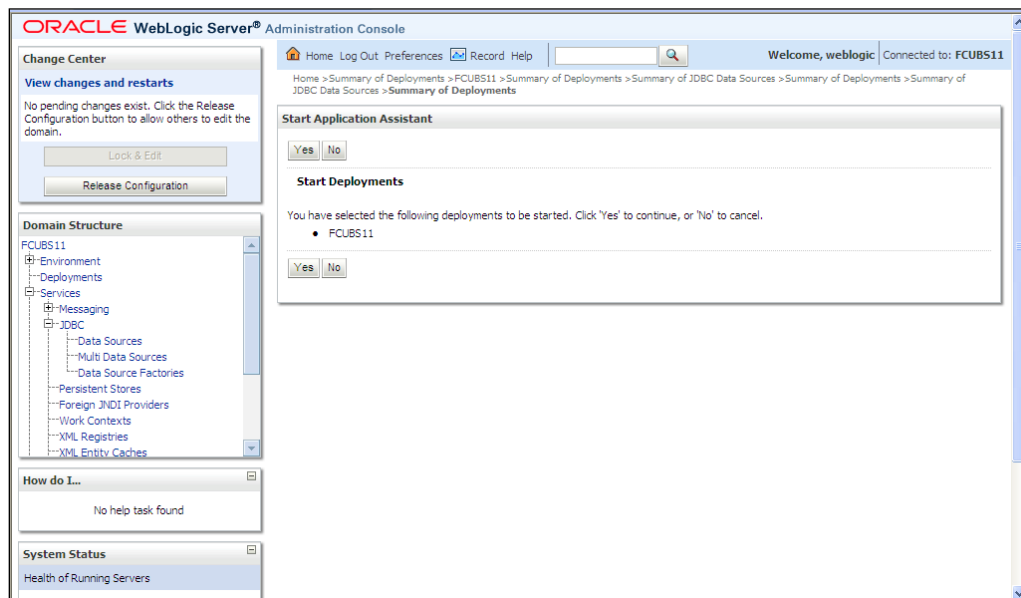


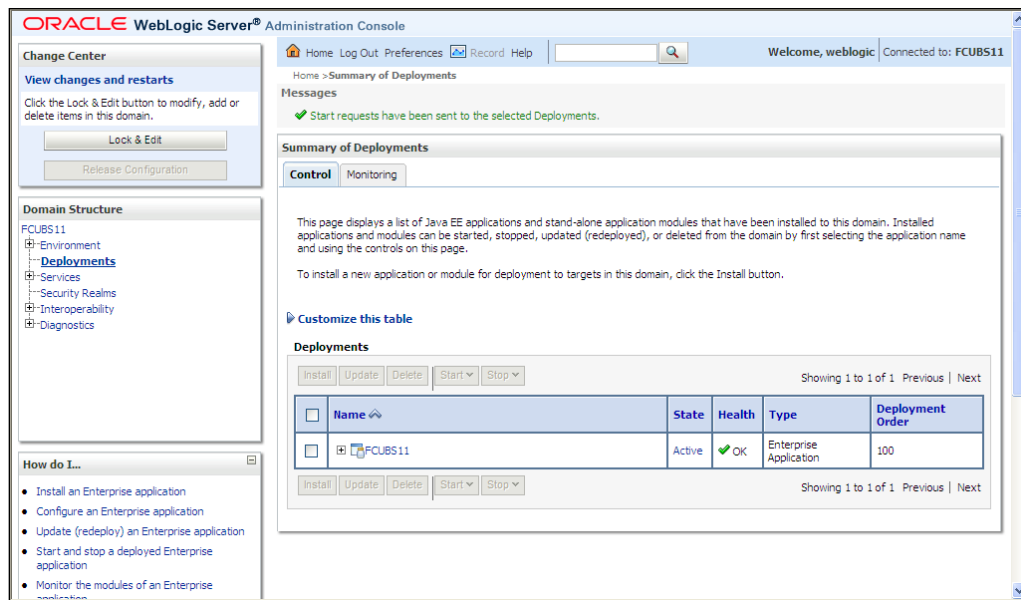
21. Click 'Deployment' on the left pane. Switch to Control tab .The following screen is displayed.



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

The following screen is displayed.





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

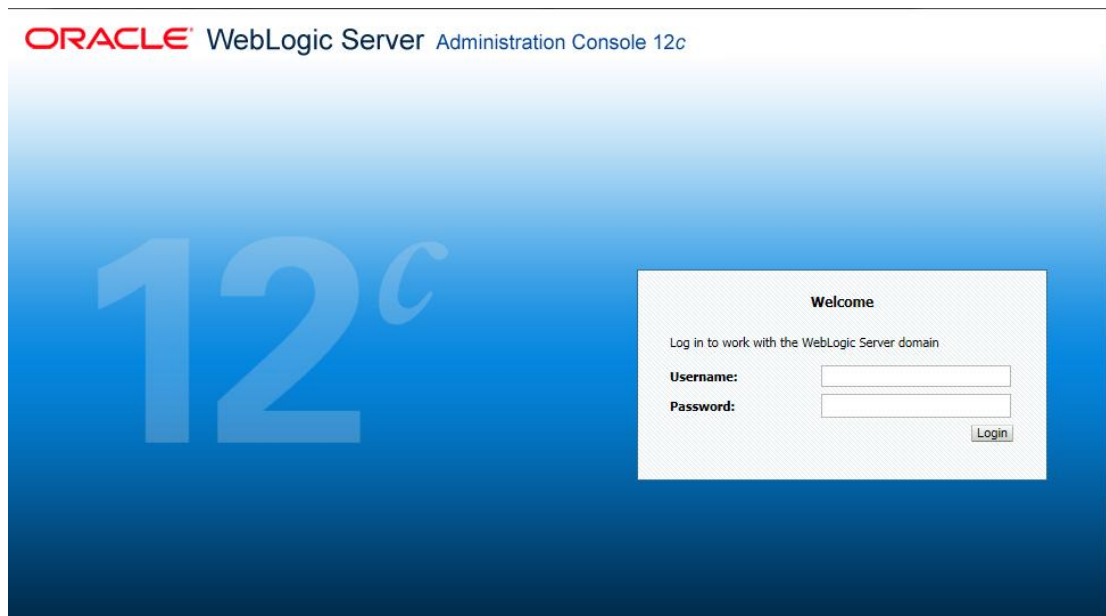
This completes the deployment process.

#### 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.

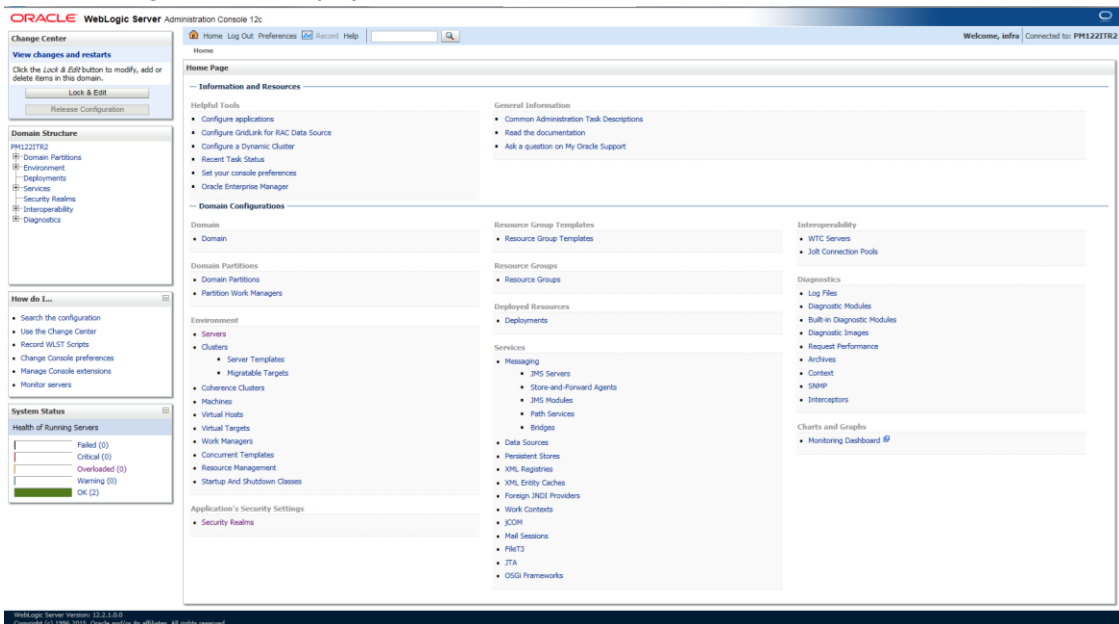
1. Launch Administrative Console of WebLogic application server. You can launch this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.  
Eg: <http://10.10.10.10:1001/console>

The following screen is displayed:



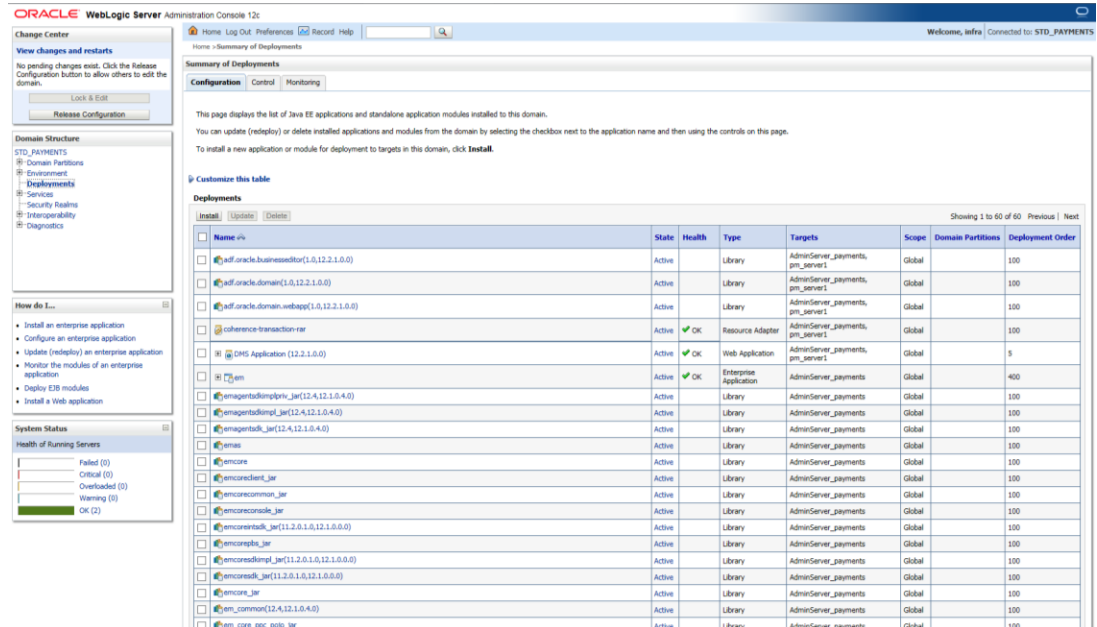
2. Specify the WebLogic administrator user name and password. Click 'Log In'.

The following screen is displayed:

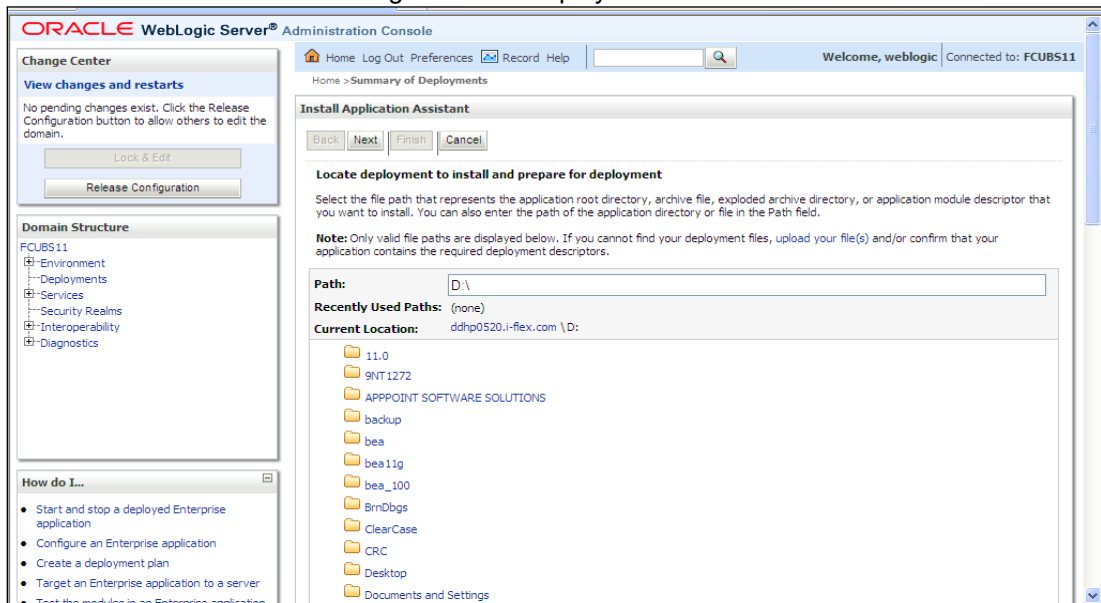


3. You need to deploy an EAR. For e.g. 'GWEJB.ear'. Go to 'Deployment'.

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

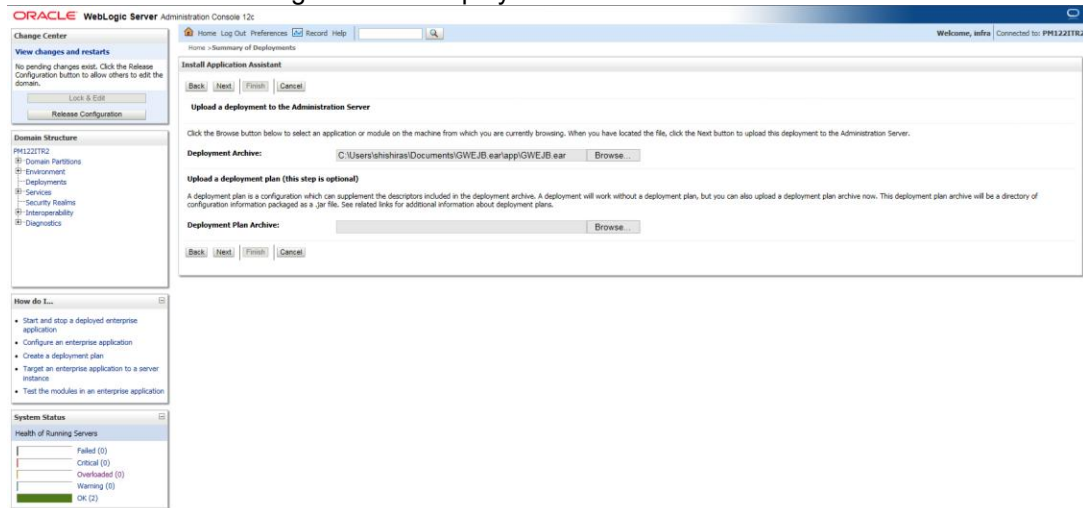


5. Click 'Install' button. The following screen is displayed:



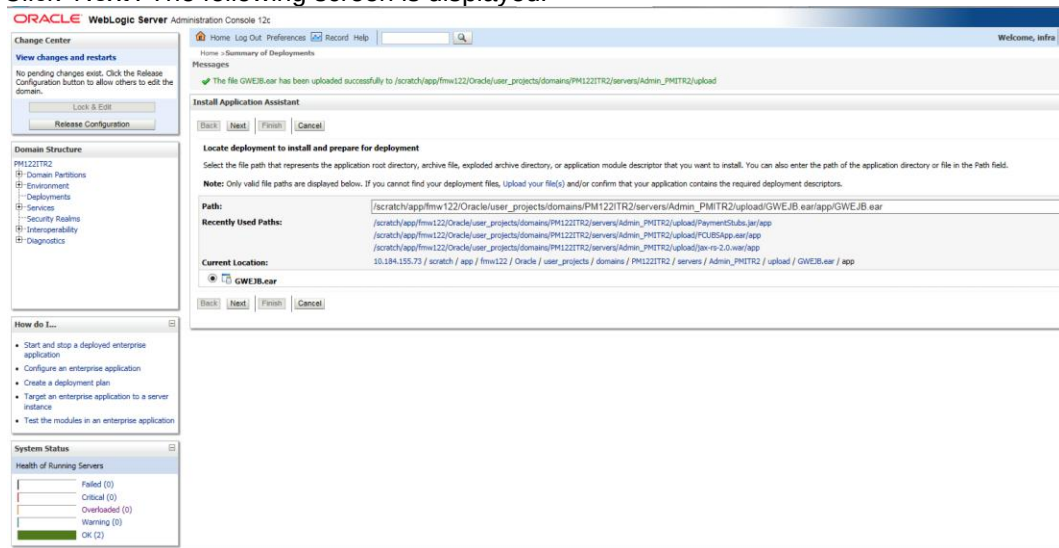
6. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.

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



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

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



10. Select the application from the list.

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

The screenshot shows the Oracle WebLogic Server Administration Console 12c. The left sidebar contains the 'Change Center' with sections for 'View changes and restarts', 'Domain Structure' (showing a tree for PM1221TR2), 'How do I...', and 'System Status' (showing health of running servers). The main content area is titled 'Install Application Assistant' and includes navigation buttons (Back, Next, Finish, Cancel). It prompts the user to 'Choose installation type and scope', offering three options: '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'. A 'Scope' dropdown is set to 'Global'.

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

13. Click 'Next'.

The following screen is displayed

The screenshot shows the 'Select deployment targets' screen in the Oracle WebLogic Server Administration Console 12c. The left sidebar is identical to the previous screen. The main content area shows 'Available targets for GWEJB' with a table of servers. The 'payments\_server1' target is selected with a checkmark, while 'Admin\_PM1TR2' is not. Navigation buttons (Back, Next, Finish, Cancel) are at the bottom.

| Servers                             |                  |
|-------------------------------------|------------------|
| <input type="checkbox"/>            | Admin_PM1TR2     |
| <input checked="" type="checkbox"/> | payments_server1 |

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

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

**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 2:12 AM  
Failed (0)  
Critical (0)  
Overloaded (0)  
Warning (0)  
OK (2)

**Home** | **Log Out** | **Preferences** | **Record** | **Help**  
Welcome, weblogic | Connected to: FCAPACK125

**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**  
Location: /scratch/app/vt12212/user\_projects/domains/FCAPACK125/serv

**Plan Source Accessibility**  
How should the plan source files be made accessible?  
☒ **Use the same accessibility as the application**  
Recommended selection.  
☐ **Copy this plan onto every target for me**  
During deployment, the plan files will be copied automatically to the Managed Servers to which the application is targeted.  
☒ **Do not copy this plan to targets**  
You must ensure the plan files exist in the shared location and that each target can reach the location.  
Back | Next | Finish | Cancel

16. Check the deployment name.

The remaining portion of the screen is shown below:

**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 2:12 AM  
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**  
Location: /scratch/app/vt12212/user\_projects/domains/FCAPACK125/serv

**Plan Source Accessibility**  
How should the plan source files be made accessible?  
☒ **Use the same accessibility as the application**  
Recommended selection.  
☐ **Copy this plan onto every target for me**  
During deployment, the plan files will be copied automatically to the Managed Servers to which the application is targeted.  
☒ **Do not copy this plan to targets**  
You must ensure the plan files exist in the shared location and that each target can reach the location.  
Back | Next | Finish | Cancel

17. Check whether the deployment location is accessible or not. The following screen is displayed.

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Home > 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/PM122TR2/servers/Admin\_PM12TR2/upload/GWEJB.ear/app/GWEJB.ear

**Name:** GWEJB

**Staging Mode:** Use the defaults defined by the chosen targets

**Plan Staging Mode:** Use the same accessibility as the application

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

**Scope:** Global

**Target Summary**

| Components | Targets          |
|------------|------------------|
| GWEJB.ear  | payments_server1 |

Back Next Finish Cancel

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

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Home > Summary of Deployments > GWEJB(12.2.0.0.0)

Welcome, infra Conn

**Settings for GWEJB(12.2.0.0.0)**

Overview Deployment Plan Configuration Security Targets Control Testing Monitoring Notes

Save

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

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

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

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

**Path:** /scratch/app/fmw122/Oracle/user\_projects/domains/PM122TR2/servers/Admin\_PM12TR2/upload/GWEJB.ear/app/GWEJB.ear The path to the source of the deployable unit on the Administration Server. [More Info...](#)

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

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

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

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

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

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

Save

**Modules and Components** Showing 1 to 1 of 1

| Name               |
|--------------------|
| GWEJB (12.2.0.0.0) |

Edit

- PCNahProcEB
- PCNahRouterEB
- GWEJB

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

**Change Center**  
View changes and restarts  
Pending changes exist. They must be activated to take effect.  
[Activate Changes](#)  
[Undo All Changes](#)

**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)

**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 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, template. <a href="#">More Info...</a>                                                                                                                                                  |
| <b>Archive Version:</b>           | 12.2.0.0.0                                                                                                                    | The archive version, specified from from the manifest or overridden d                                                                                                                                                                                             |
| <b>Path:</b>                      | / scratch/ app/ fmw122/ Oracle/ user_projects/ domains/ PM1221TR2/ servers/ Admin_PM1TR2/ upload/ GWEJB. ear/ app/ GWEJB. ear | The path to the source of the deployable unit on the Administration S                                                                                                                                                                                             |
| <b>Deployment Plan:</b>           | (no plan specified)                                                                                                           | The path to the deployment plan document on the Administration Ser                                                                                                                                                                                                |
| <b>Staging Mode:</b>              | (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>                                                                                                          |
| <b>Plan Staging Mode:</b>         | (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>                                                                                                  |
| <b>Security Model:</b>            | DDOnly                                                                                                                        | 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 during startup. <a href="#">More Info...</a>                                                                                                                                              |
| <b>Deployment Principal Name:</b> |                                                                                                                               | 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 v interfaces such as ApplicationLifecycleListener. If no principal name is will be used. <a href="#">More Info...</a> |

[Save](#)

**Modules and Components**

| Name               |
|--------------------|
| GWEJB (12.2.0.0.0) |
| EJBs               |
| PCMainProcEJB      |
| PCSnvRouterEJB     |

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

The screen is given below:

**Change Center**  
View changes and restarts  
Click the [Lock & Edit](#) button to modify, add or delete items in this 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)

**Settings for GWEJB(12.2.0.0.0)**  
Overview | Deployment Plan | Configuration | Security | Targets | Control | Testing | Monitoring | Notes

[Save](#)

Click the [Lock & Edit](#) button in the Change Center to modify the settings on this page.

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 Wel 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 parti template. <a href="#">More Info...</a>                                                                                                                                                             |
| <b>Archive Version:</b>           | 12.2.0.0.0                                                                                                                    | The archive version, specified from from the manifest or overridden during c                                                                                                                                                                                                         |
| <b>Path:</b>                      | / scratch/ app/ fmw122/ Oracle/ user_projects/ domains/ PM1221TR2/ servers/ Admin_PM1TR2/ upload/ GWEJB. ear/ app/ GWEJB. ear | The path to the source of the deployable unit on the Administration Server.                                                                                                                                                                                                          |
| <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 Admi 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 Managed Server's staging area during application preparation. <a href="#">More Info...</a>                                                                                                                |
| <b>Security Model:</b>            | DDOnly                                                                                                                        | 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 d during startup. <a href="#">More Info...</a>                                                                                                                                                         |
| <b>Deployment Principal Name:</b> |                                                                                                                               | A string value that indicates the principal that should be used when deploy and shutdown. This principal will be used to set the current subject when ca interfaces such as ApplicationLifecycleListener. If no principal name is specifi will be used. <a href="#">More Info...</a> |

**Modules and Components**

| Name               |
|--------------------|
| GWEJB (12.2.0.0.0) |
| EJBs               |
| PCMainProcEJB      |
| PCSnvRouterEJB     |

21. 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

**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**  
PH1221TR2  
Domain Partitions  
Environment  
Deployments  
Services  
Security Realms  
Interoperability  
Diagnostics

**How do I...**  
Configure an enterprise application  
Start applications and modules  
Stop applications and modules  
View the modules of an enterprise application  
Monitor the modules of an enterprise application

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

**Summary of Deployments**  
Configuration Control Monitoring

This page displays the list of Java EE applications and standalone application modules installed to this domain.  
You can start and stop applications and modules from the domain by selecting the checkbox next to the application name and then using the controls on this page.

**Customize this table**

**Deployments**  
Start Stop  
Servicing all requests  
Servicing only administration requests

|                                                                            | State    | Health  | Type                   | Targets          | Scope  | Domain Partition |
|----------------------------------------------------------------------------|----------|---------|------------------------|------------------|--------|------------------|
| <input checked="" type="checkbox"/> Servicing all requests                 | Active   | OK      | Resource Adapter       | Admin_PMTTR2     | Global |                  |
| <input checked="" type="checkbox"/> Servicing only administration requests | Active   | OK      | Resource Adapter       | Admin_PMTTR2     | Global |                  |
| <input type="checkbox"/> DMS Application (12.2.1.0.0)                      | Active   | OK      | Web Application        | Admin_PMTTR2     | Global |                  |
| <input type="checkbox"/> em                                                | Active   | OK      | Enterprise Application | Admin_PMTTR2     | 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"/> ops-rest                                          | Active   | OK      | Web Application        | Admin_PMTTR2     | Global |                  |
| <input type="checkbox"/> PaymentSlubs                                      | Active   | OK      | EJB                    | payments_server1 | Global |                  |
| <input type="checkbox"/> state-management-provider-memory-rar              | Active   | OK      | Resource Adapter       | Admin_PMTTR2     | Global |                  |

Showing 1 to 8 of 8 Prev

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

The following screen is displayed.

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

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**  
PH1221TR2  
Domain Partitions  
Environment  
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)

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

**Oracle WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help

Home > Summary of Deployments > GWESB (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_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"/> FOCUSApp (12.2.0.0.0)                | Active | Warning | Enterprise Application | payments_server1 | Global |                   |
| <input type="checkbox"/> GWESB (12.2.0.0.0)                   | Active | OK      | Enterprise Application | payments_server1 | Global |                   |
| <input type="checkbox"/> ipas-rest                            | Active | OK      | Web Application        | Admin_PMTIR2     | Global |                   |
| <input type="checkbox"/> PaymentModule                        | Active | OK      | ESB                    | payments_server1 | Global |                   |
| <input type="checkbox"/> state-management-provider-memory-war | Active | OK      | Resource Adapter       | Admin_PMTIR2     | Global |                   |

Showing 1 to 8 of 8 Previous Next

Start Stop

**System Status**

**Health of Running Servers**

Failed (0)

Critical (0)

Overloaded (0)

Warning (0)

OK (2)

WebLogic Server version 12.2.1.0.0

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This completes the deployment process.

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



Deploying Oracle FLEXCUBE Application on WebLogic  
[October] [2025]  
Version 14.8.1.0.0

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