

Deploying Oracle Banking Application on WebLogic  
Oracle Banking Corporate Lending  
Release 14.5.4.0.0  
[Feb] [2022]



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# Table of Contents

|           |                                                                                            |             |
|-----------|--------------------------------------------------------------------------------------------|-------------|
| <b>1.</b> | <b>DEPLOYING ORACLE FLEXCUBE ON WEBLOGIC .....</b>                                         | <b>1-1</b>  |
| 1.1       | INTRODUCTION .....                                                                         | 1-1         |
| 1.2       | BUILDING APPLICATION .....                                                                 | 1-1         |
| 1.2.1     | <i>Building Application in Centralized Mode .....</i>                                      | <i>1-1</i>  |
| 1.2.2     | <i>Building Application in Decentralized Mode.....</i>                                     | <i>1-1</i>  |
| 1.3       | DEPLOYING APPLICATION IN ORACLE WEBLOGIC .....                                             | 1-1         |
| 1.3.1     | <i>Deploying Integration Adapter EAR from WebLogic Administration Console .....</i>        | <i>1-1</i>  |
| 1.3.2     | <i>Deploying Dependency Library “Jax-RS” .....</i>                                         | <i>1-7</i>  |
| 1.3.3     | <i>Deploying FCUBS Application from WebLogic Administration Console .....</i>              | <i>1-11</i> |
| 1.3.4     | <i>Deploying Gateway/Scheduler Applications from WebLogic Administration Console .....</i> | <i>1-20</i> |

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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

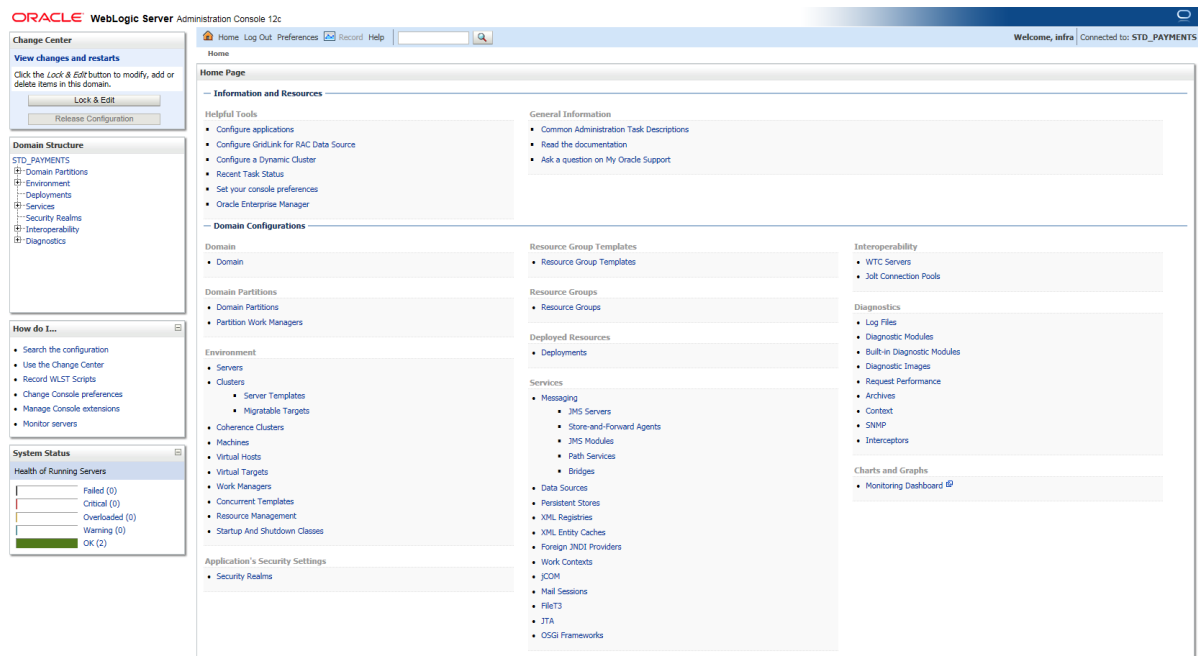
To deploy Oracle FLEXCUBE Application from Oracle WebLogic administration console, follow the steps given below.

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:



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

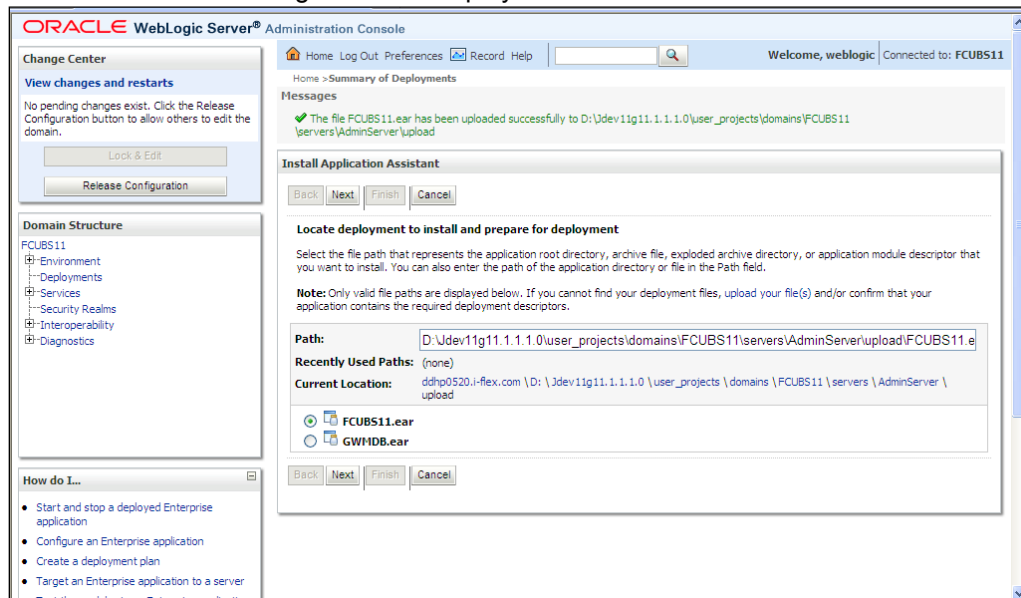


3. You need to deploy an Integration adapter EAR. For e.g. 'OBCLExtAdapter.ear or ExtAdapter.ear'. Go to 'Deployment'.

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

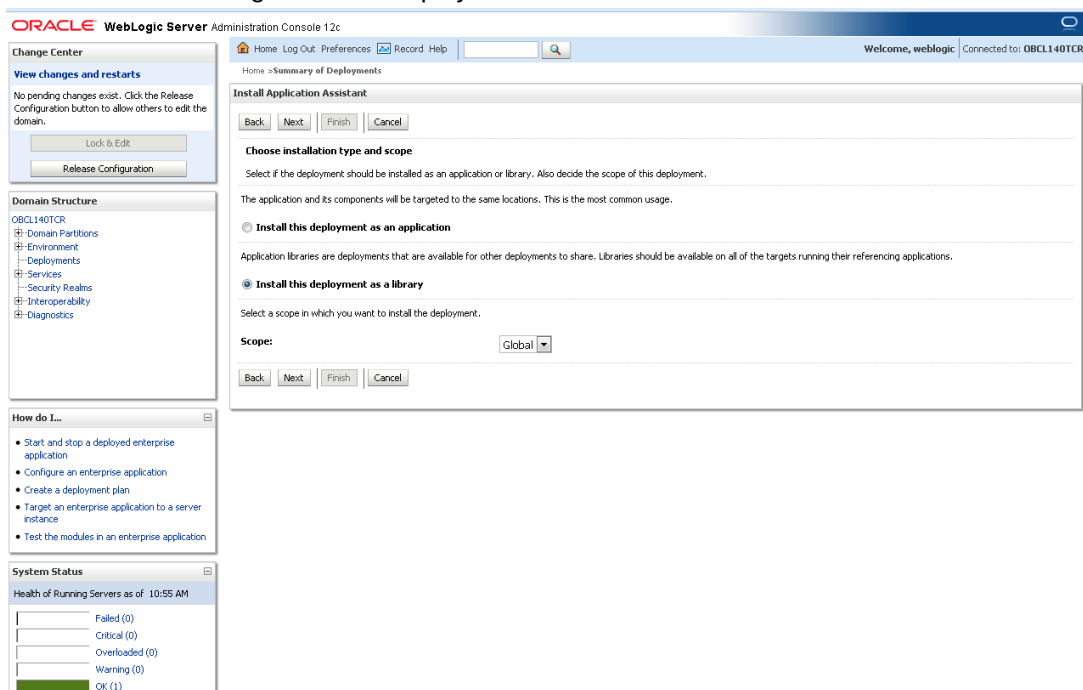


7. Click 'Next'. The following screen is displayed.



8. Select the application Adapter EAR from the list.

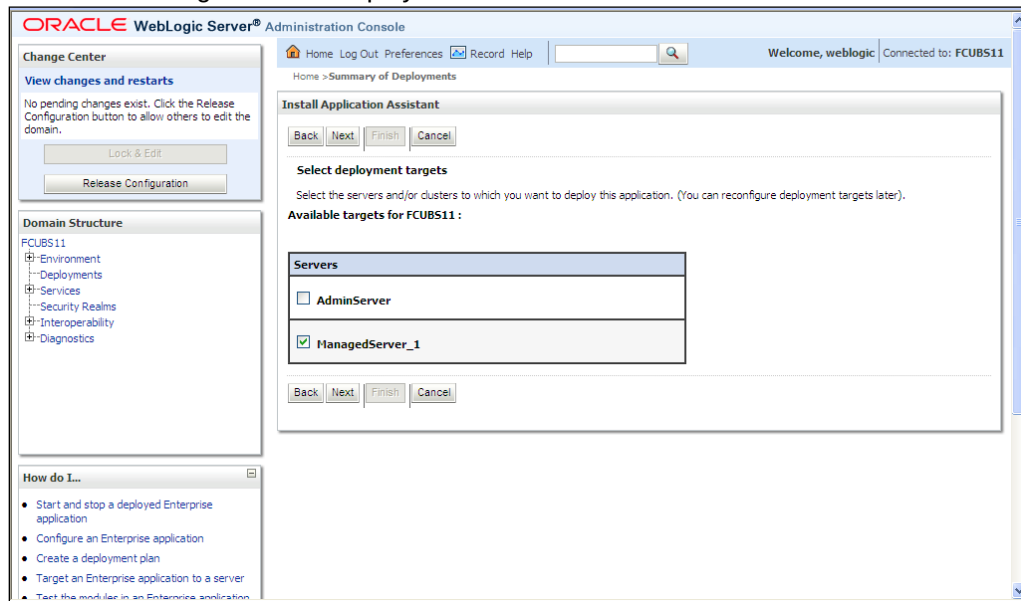
9. Click 'Next'. Following screen is displayed:



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

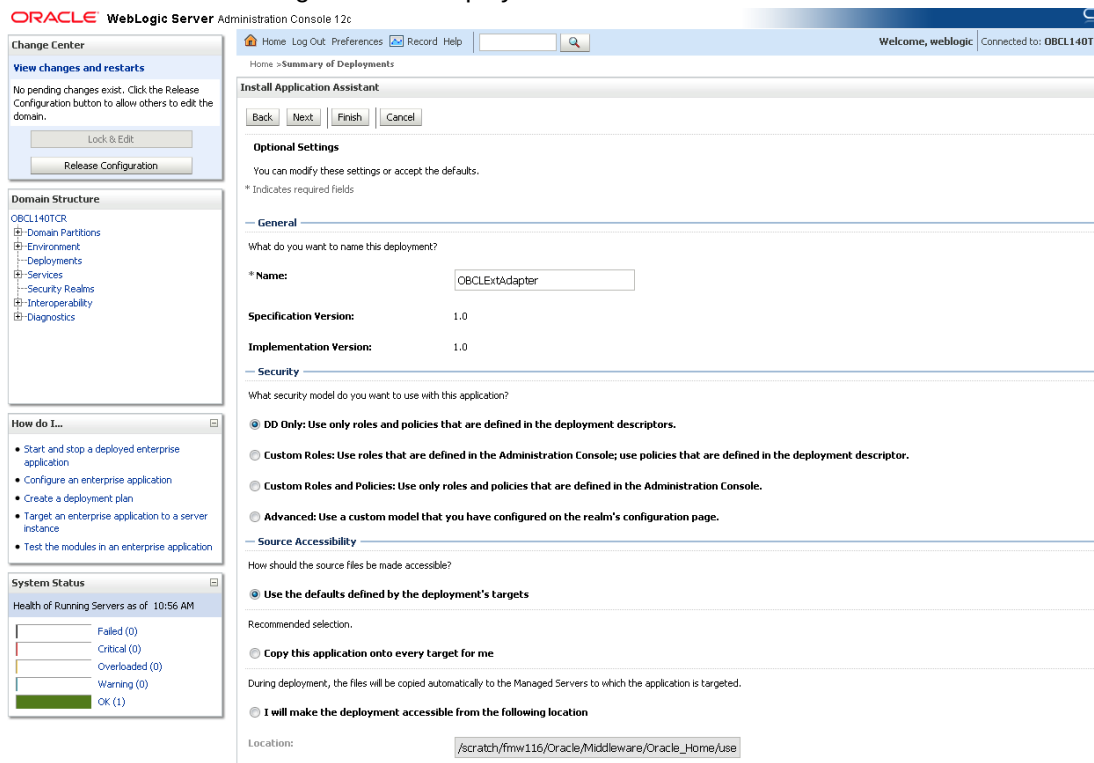
11. Click 'Next'.

12. The following screen is displayed



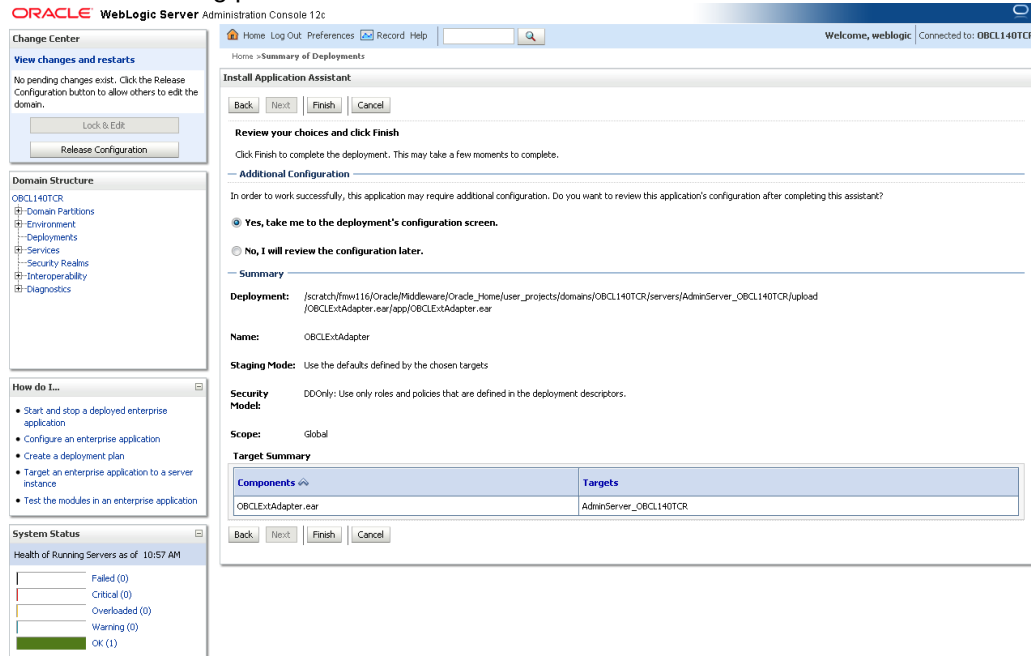
13. Select the target of the application. You can choose the server 'AdminServer' or 'Managed Server(s)'.

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

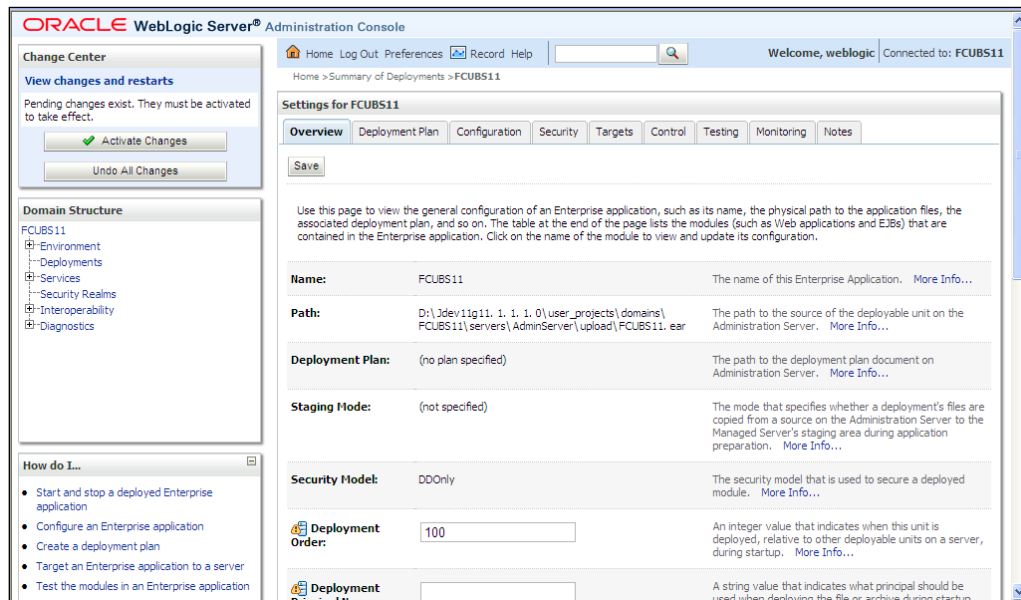


15. Check the deployment name.

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

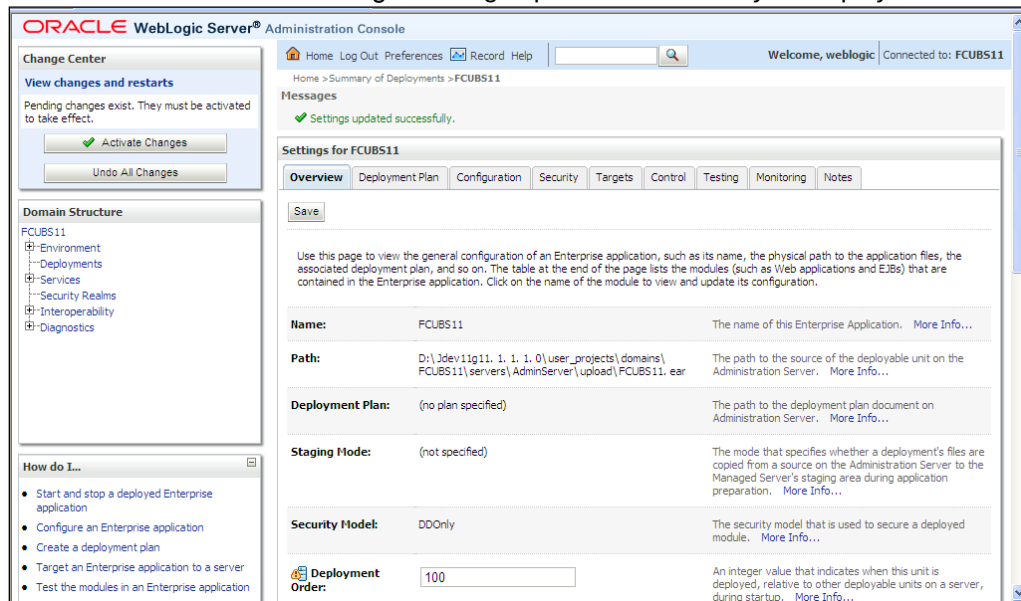


## 17. Click 'Finish' button. The following screen is displayed.





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



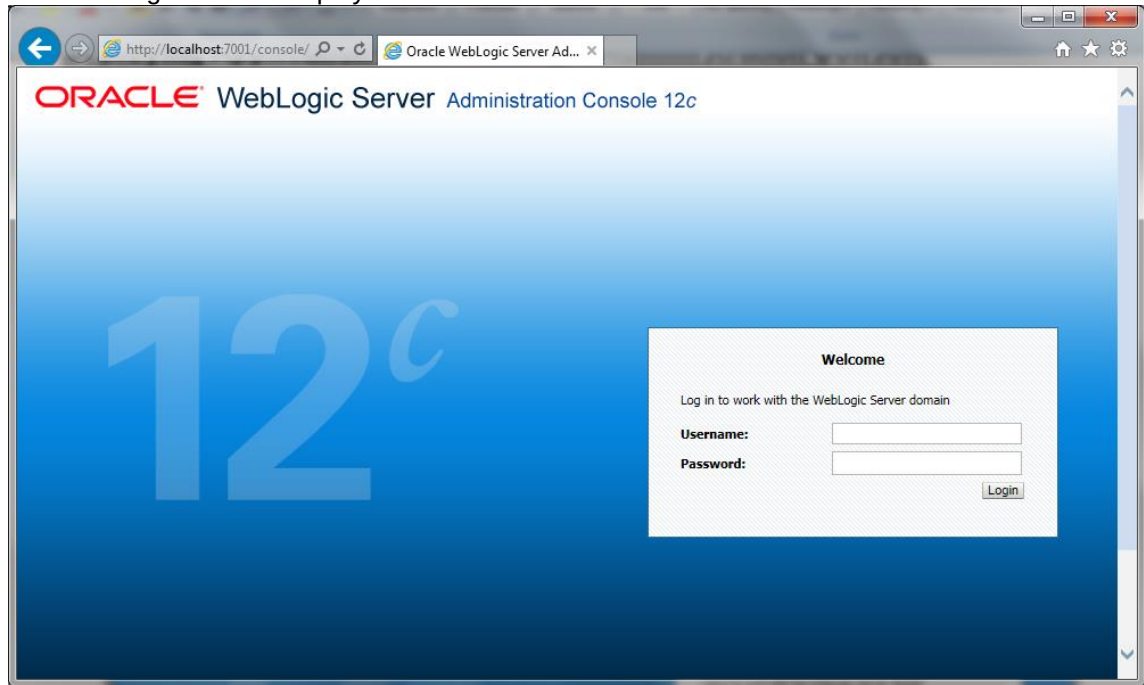
19. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

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

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

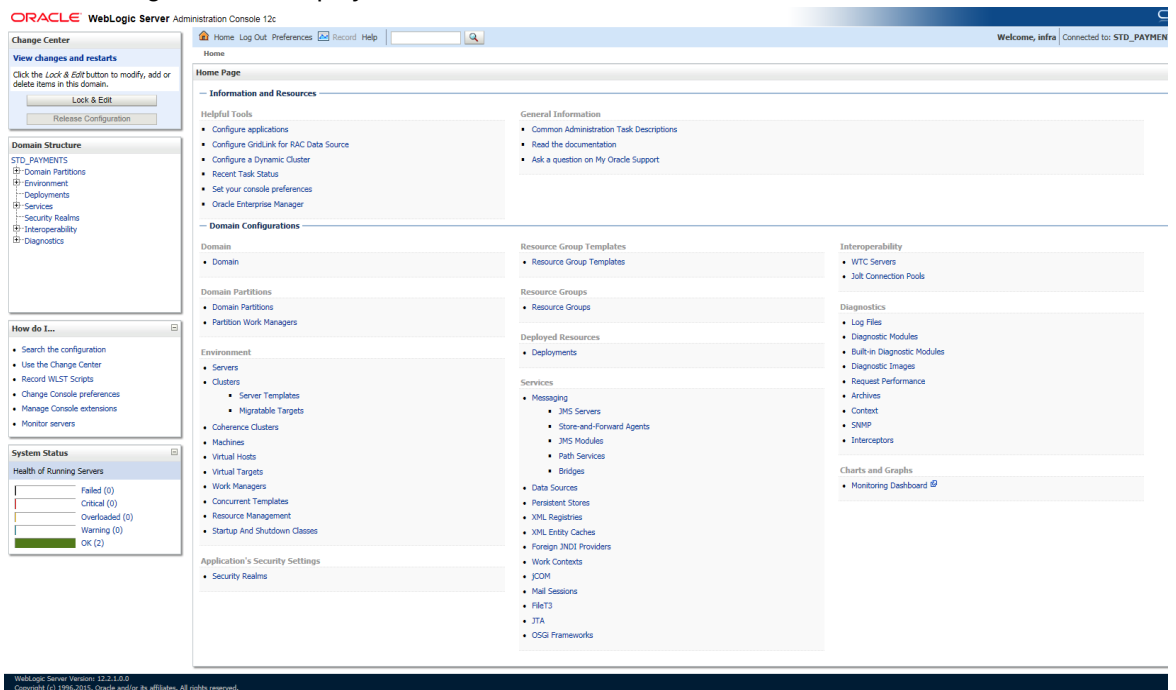
1. Start the Administrative Console of WebLogic application server. You can start this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.  
Eg: <http://10.10.10.10:1001/console>

2. The following screen is displayed:



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

The following screen is displayed:



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\_PAYMENT1

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)

Home Log Out Preferences Record Help

Home > Summary of Deployments

Summary of Deployments

Configuration Control Monitoring

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

You can 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 |
|--------------------------------------------------------------------|--------|--------|------------------------|----------------------------------|--------|-------------------|------------------|
| <input type="checkbox"/> adf.oracle.businesseditor(1.0,12.2.1.0.0) | Active |        | Library                | AdminServer_payments, pm_server1 | Global |                   | 100              |
| <input type="checkbox"/> adf.oracle.domain(1.0,12.2.1.0.0)         | Active |        | Library                | AdminServer_payments, pm_server1 | Global |                   | 100              |
| <input type="checkbox"/> adf.oracle.domain.webapp(1.0,12.2.1.0.0)  | Active |        | Library                | AdminServer_payments, pm_server1 | Global |                   | 100              |
| <input type="checkbox"/> coherence-transaction-rar                 | Active | OK     | Resource Adapter       | AdminServer_payments, pm_server1 | Global |                   | 100              |
| <input type="checkbox"/> CMS Application (12.2.1.0.0)              | Active | OK     | Web Application        | AdminServer_payments, pm_server1 | Global |                   | 5                |
| <input type="checkbox"/> em                                        | Active | OK     | Enterprise Application | AdminServer_payments             | Global |                   | 400              |
| <input type="checkbox"/> emagentsdkimplpriv_jar(12.4.12.1.0.4.0)   | Active |        | Library                | AdminServer_payments             | Global |                   | 100              |
| <input type="checkbox"/> emagentsdkimpl_jar(12.4.12.1.0.4.0)       | Active |        | Library                | AdminServer_payments             | Global |                   | 100              |
| <input type="checkbox"/> emagentsdk_jar(12.4.12.1.0.4.0)           | Active |        | Library                | AdminServer_payments             | Global |                   | 100              |
| <input type="checkbox"/> emas                                      | Active |        | Library                | AdminServer_payments             | Global |                   | 100              |
| <input type="checkbox"/> emcore                                    | Active |        | Library                | AdminServer_payments             | Global |                   | 100              |
| <input type="checkbox"/> emcoreclient_jar                          | Active |        | Library                | AdminServer_payments             | Global |                   | 100              |
| <input type="checkbox"/> emcorecommon_jar                          | Active |        | Library                | AdminServer_payments             | Global |                   | 100              |
| <input type="checkbox"/> emcoreconsole_jar                         | Active |        | Library                | AdminServer_payments             | Global |                   | 100              |
| <input type="checkbox"/> emcoreintask_jar(11.2.0.1.0,12.1.0.0.0)   | Active |        | Library                | AdminServer_payments             | Global |                   | 100              |
| <input type="checkbox"/> emcoresbts_jar                            | Active |        | Library                | AdminServer_payments             | Global |                   | 100              |
| <input type="checkbox"/> emcoresdkimpl_jar(11.2.0.1.0,12.1.0.0.0)  | Active |        | Library                | AdminServer_payments             | Global |                   | 100              |
| <input type="checkbox"/> emcoresdk_jar(11.2.0.1.0,12.1.0.0.0)      | Active |        | Library                | AdminServer_payments             | Global |                   | 100              |
| <input type="checkbox"/> emcore_jar                                | Active |        | Library                | AdminServer_payments             | Global |                   | 100              |
| <input type="checkbox"/> em_common(12.4.12.1.0.4.0)                | Active |        | Library                | AdminServer_payments             | Global |                   | 100              |
| <input type="checkbox"/> em_core_ppc_poso_jar                      | Active |        | Library                | AdminServer_payments             | Global |                   | 100              |

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

Lock & Edit

Release Configuration

Domain Structure

SOADOM3

Domain Partitions

Environment

Deployments

Services

Messaging

Data Sources

Persistent Stores

Foreign JNDI Providers

Work Contexts

XML Registries

XML Entity Caches

JCOM

Mail Sessions

How do I ...

Start and stop a deployed enterprise application

Configure an enterprise application

Create a deployment plan

Target an enterprise application to a server instance

Test the modules in an enterprise application

System Status

Health of Running Servers as of 6:13 PM

Failed (0)

Critical (0)

Overloaded (0)

Warning (0)

OK (2)

Install Application Assistant

Back Next Finish Cancel

Locate deployment to install and prepare for deployment

Select the file path that represents the application root directory, archive file, exploded archive directory, or application module descriptor that you want to install. You can also enter the path of the application directory or file in the Path field.

Note: Only valid file paths are displayed below. If you cannot find your deployment files, Upload your file(s) and/or confirm that your application contains the required deployment descriptors.

Path: /scratch/app/bpm12212/user\_projects/domains/SOADOM3/servers/AdminServer/upload/jax-rs-2.0.war/app/jax-rs-2.0.war

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

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

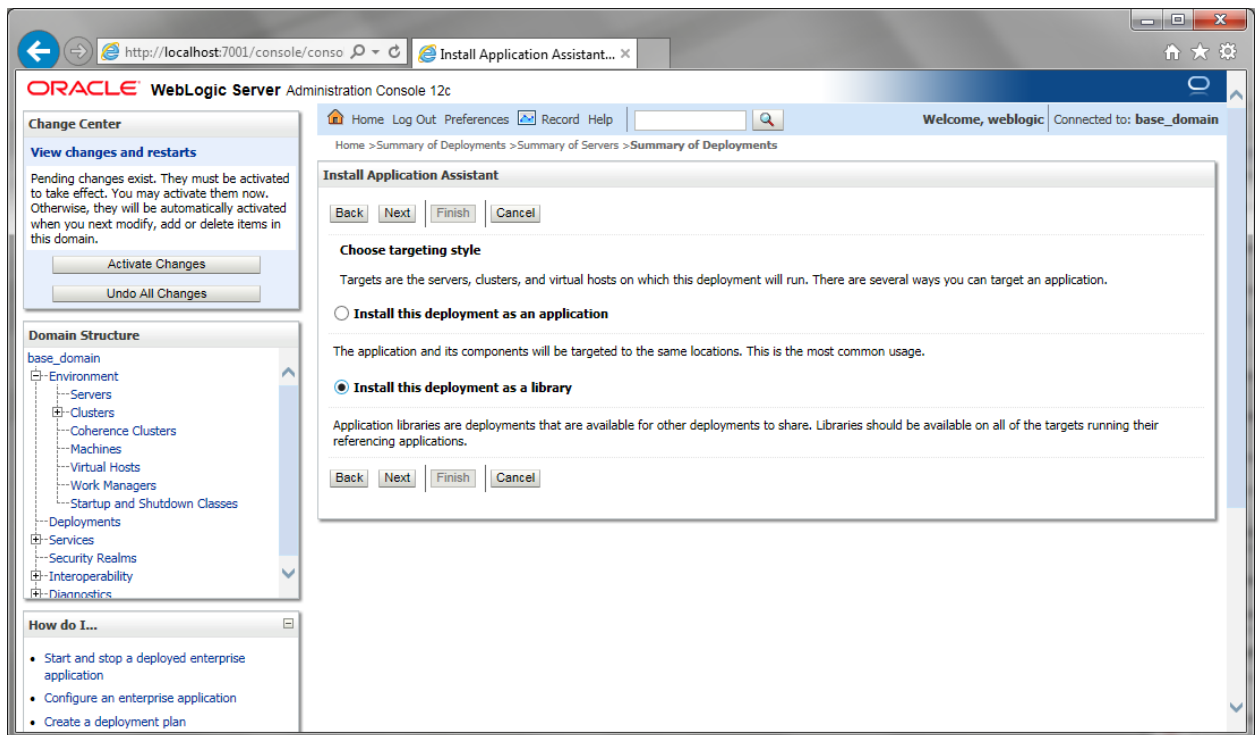
☒ jax-rs-2.0.war

Back Next Finish Cancel

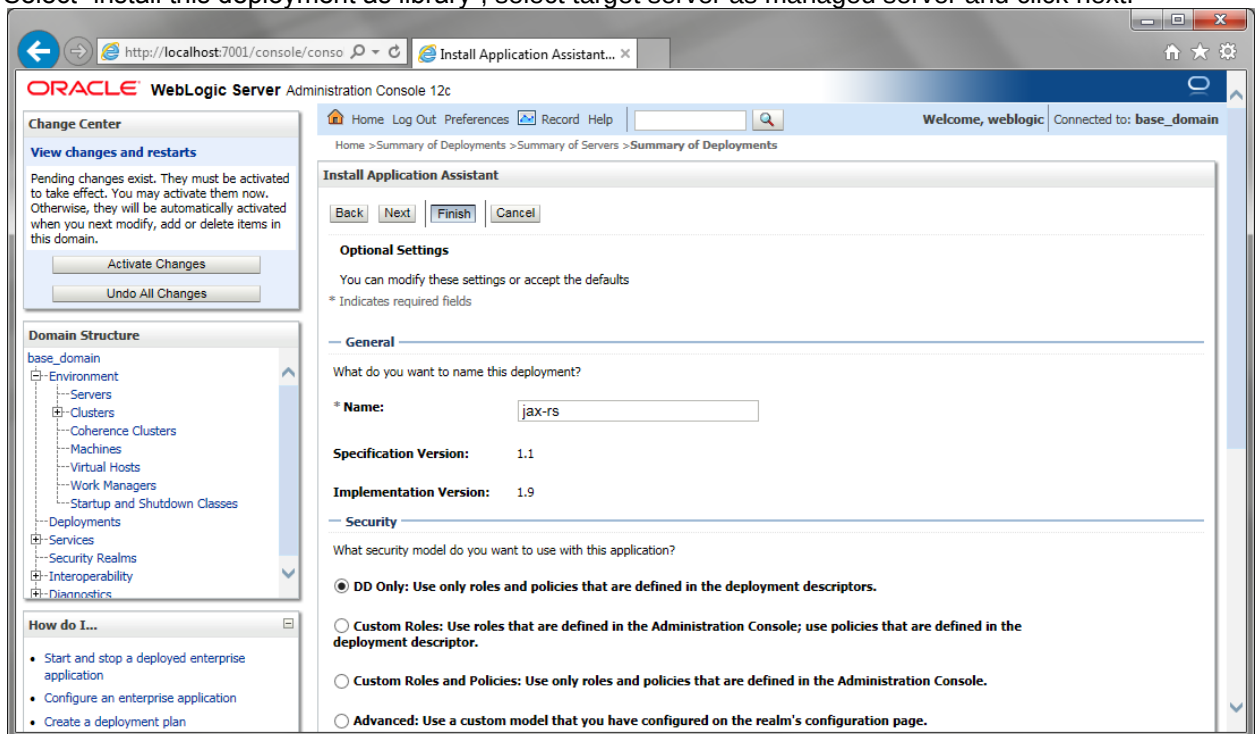
WebLogic Server Version: 12.2.1.2.0

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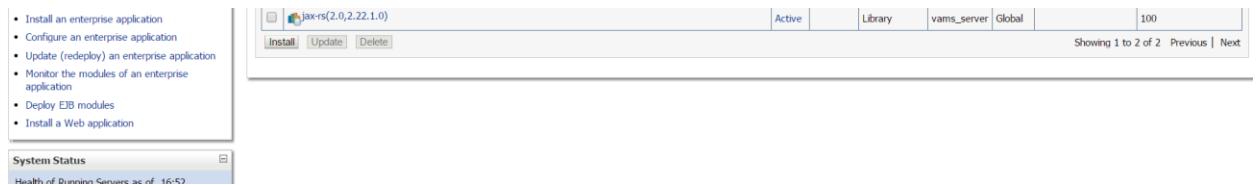
Navigate and select jersey bundle under the path “w\server\common\deployable-libraries\jax-rs-2.0.war” and click next



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”

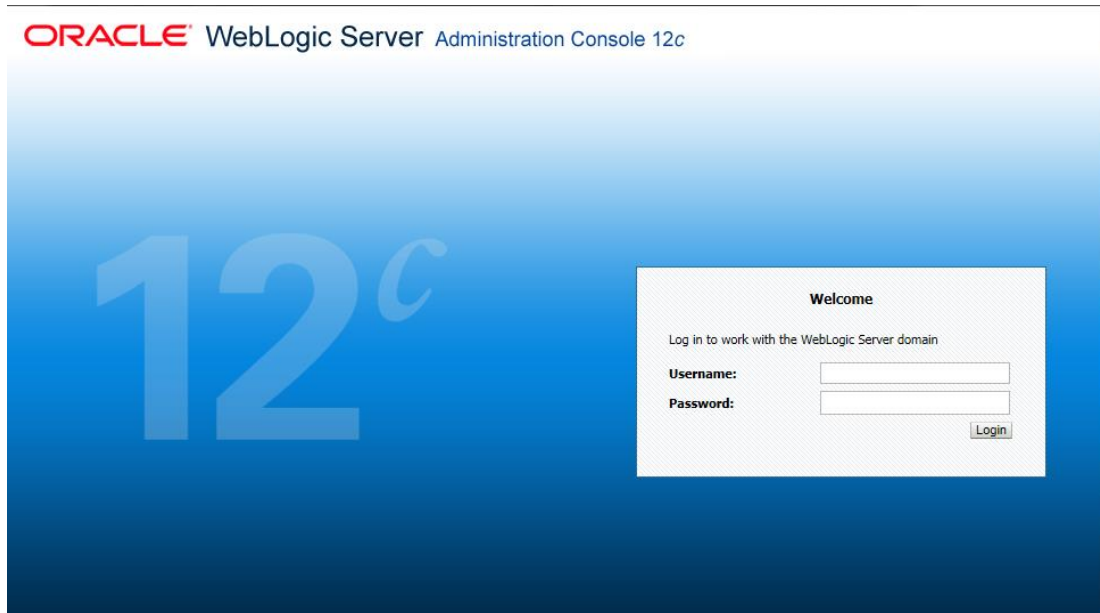
Note :- latest Jax-rs version will be jax-rs(2.0,2.22.1.0)

### 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’.

**WebLogic Server** Administration Console 12c

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

Welcome, infra
Connected to: STD\_PAYMENT

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

Lock & Edit

Release Configuration

**Domain Structure**  
 STD\_PAYMENT  

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

**How do I...**  

- Search the configuration
- Use the Change Center
- Record WLST Scripts
- Change Console preferences
- Manage Console extensions
- Monitor servers

**System Status**  
**Health of Running Servers**  

F

Failed (0)

C

Critical (0)

O

Overloaded (0)

W

Warning (0)

OK (2)

Home

**Home Page**  
 — **Information and Resources**  
 Helpful Tools
 

- Configure applications
- Configure GridLink for RAC Data Source
- Configure a Dynamic Cluster
- Recent Task Status
- Set your console preferences
- Oracle Enterprise Manager

 — **Domain Configurations**  
 Domain
 

- Domain

 Domain Partitions
 

- Domain Partitions
- Partition Work Managers

 Environment
 

- Servers
- Clusters
  - Server Templates
  - Migratable Targets
- Coherence Clusters
- Machines
- Virtual Hosts
- Virtual Targets
- Work Managers
- Concurrent Templates
- Resource Management
- Startup And Shutdown Classes

 Application's Security Settings
 

- Security Realms

General Information
 

- Common Administration Task Descriptions
- Read the documentation
- Ask a question on My Oracle Support

Resource Group Templates
 

- Resource Group Templates

Resource Groups
 

- Resource Groups

Deployed Resources
 

- Deployments

Services
 

- Messaging
  - JMS Servers
  - Store-and-Forward Agents
  - JMS Modules
  - Path Services
  - Bridges
- Data Sources
- Persistent Stores
- XSL Registries
- XSL Entity Caches
- Foreign JNDI Providers
- Work Contexts
- CDOM
- Mail Sessions
- FileT3
- JTA
- OSGI Frameworks

Interoperability
 

- WTC Servers
- Job Connection Pools

Diagnostics
 

- Log Files
- Diagnostic Modules
- Built-in Diagnostic Modules
- Diagnostic Images
- Request Performance
- Archives
- Context
- SNMP
- Interceptors

Charts and Graphs
 

- Monitoring Dashboard

WebLogic Server Version: 12.2.1.0.0

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

**ORACLE WebLogic Server Administration Console 12c**

Change Center

View changes and restarts

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

Rollback Configuration

Domain Structure

- STD\_PARTMENTS
  - Environment
    - Deployments
      - Services
        - Security Realms
          - Interoperability
            - Diagnostics

How To ...

- Install an enterprise application
- Configure an enterprise application
- Update (redploy) an enterprise application
- Monitor the modules of an enterprise application
- Deploy DB module
- Install a Web application

System Status

Health of Running Servers

| Status     | Count |
|------------|-------|
| Failed     | (0)   |
| Critical   | (0)   |
| Overloaded | (0)   |
| Warning    | (0)   |
| OK         | (2)   |

Home Log Out Preferences Record Help

Home - Summary of Deployments

### Summary of Deployments

Configuration Control Monitoring

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

You can update (deploy) 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

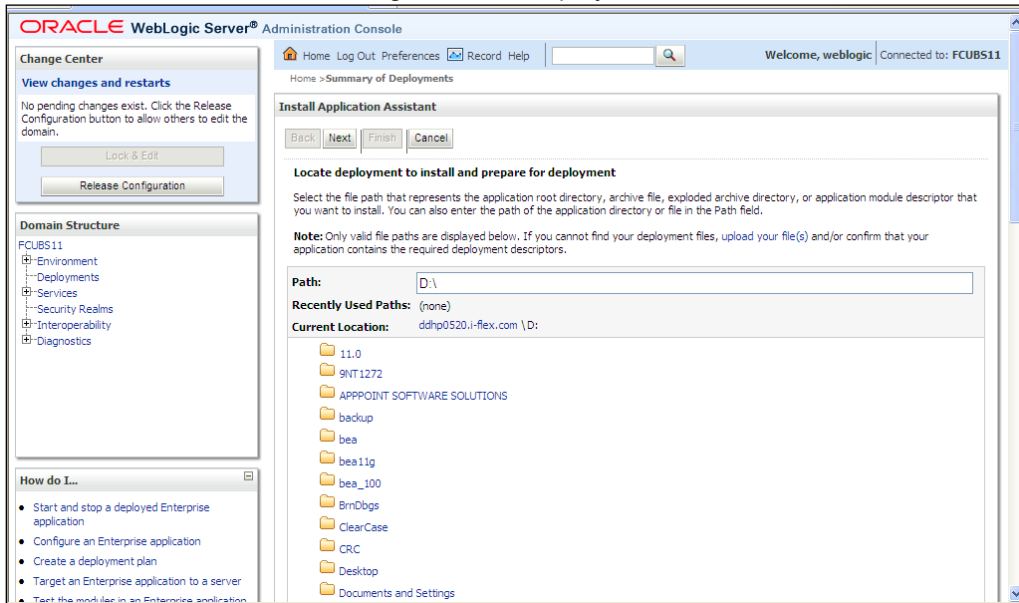
### Deployments

Install Update Delete

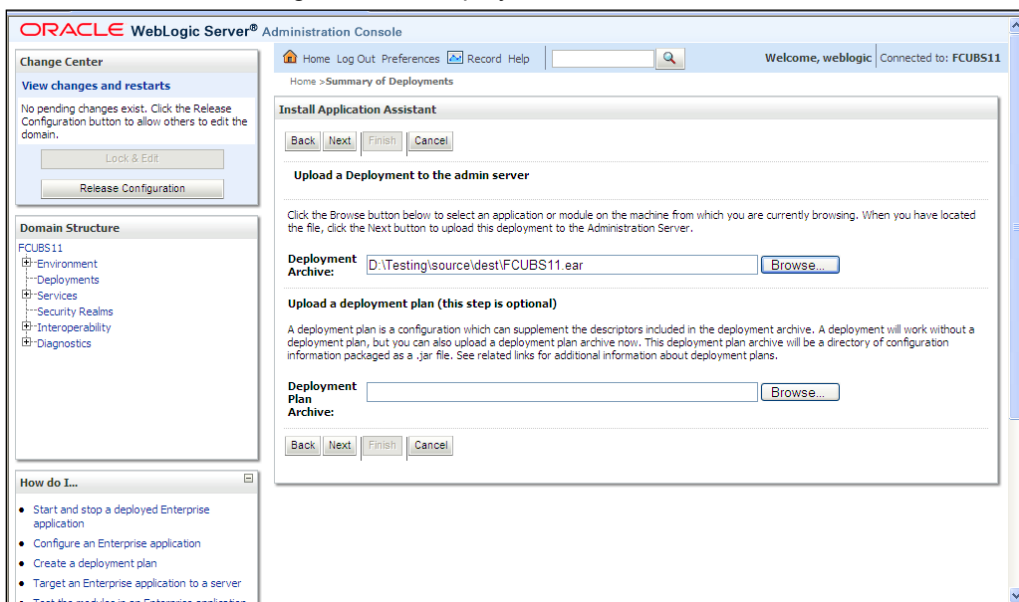
Showing 1 to 60 of 60 Previous | Next

| Name vs                                                                     | State  | Health | Type                   | Targets                         | Scope  | Domain Partitions | Deployment Order |
|-----------------------------------------------------------------------------|--------|--------|------------------------|---------------------------------|--------|-------------------|------------------|
| <input type="checkbox"/> ejf-oracle.businesssector(1.0,12.1.0.0.0)          | Active |        | Library                | AdminServer_payments_pr_server1 | Global |                   | 100              |
| <input type="checkbox"/> ejf-oracle.domain(1.0,12.1.0.0.0)                  | Active |        | Library                | AdminServer_payments_pr_server1 | Global |                   | 100              |
| <input type="checkbox"/> ejf-oracle.domain.webpage(1.0,12.1.0.0.0)          | Active |        | Library                | AdminServer_payments_pr_server1 | Global |                   | 100              |
| <input type="checkbox"/> coherence-transaction-rar                          | Active | ✓ OK   | Resource Adapter       | AdminServer_payments_pr_server1 | Global |                   | 100              |
| <input checked="" type="checkbox"/> CMS Application (12.2.1.0.0)            | Active | ✓ OK   | Web Application        | AdminServer_payments_pr_server1 | Global |                   | 5                |
| <input checked="" type="checkbox"/> CMEn                                    | Active | ✓ OK   | Enterprise Application | AdminServer_payments            | Global |                   | 400              |
| <input checked="" type="checkbox"/> emasgetadimplr_jar(12.4.12.1.0.4.0)     | Active |        | Library                | AdminServer_payments            | Global |                   | 100              |
| <input checked="" type="checkbox"/> emasgetadimplr_jar(12.4.12.1.0.4.0)     | Active |        | Library                | AdminServer_payments            | Global |                   | 100              |
| <input checked="" type="checkbox"/> emasgetad_jar(12.4.12.1.0.4.0)          | Active |        | Library                | AdminServer_payments            | Global |                   | 100              |
| <input checked="" type="checkbox"/> emas                                    | Active |        | Library                | AdminServer_payments            | Global |                   | 100              |
| <input checked="" type="checkbox"/> emasure                                 | Active |        | Library                | AdminServer_payments            | Global |                   | 100              |
| <input checked="" type="checkbox"/> emcoreclient_jar                        | Active |        | Library                | AdminServer_payments            | Global |                   | 100              |
| <input checked="" type="checkbox"/> emcorecommon_jar                        | Active |        | Library                | AdminServer_payments            | Global |                   | 100              |
| <input checked="" type="checkbox"/> emcoreconsole_jar                       | Active |        | Library                | AdminServer_payments            | Global |                   | 100              |
| <input checked="" type="checkbox"/> emcorestdtck_jar(11.2.0.1.0,12.1.0.0.0) | Active |        | Library                | AdminServer_payments            | Global |                   | 100              |
| <input checked="" type="checkbox"/> emcoretpic_jar                          | Active |        | Library                | AdminServer_payments            | Global |                   | 100              |
| <input checked="" type="checkbox"/> emcoresdplm_jar(11.2.0.1.0,12.1.0.0.0)  | Active |        | Library                | AdminServer_payments            | Global |                   | 100              |
| <input checked="" type="checkbox"/> emcoresdk_jar(11.2.0.1.0,12.1.0.0.0)    | Active |        | Library                | AdminServer_payments            | Global |                   | 100              |
| <input checked="" type="checkbox"/> emcore_jar                              | Active |        | Library                | AdminServer_payments            | Global |                   | 100              |
| <input checked="" type="checkbox"/> em_common(12.4,12.1.0.4.0)              | Active |        | Library                | AdminServer_payments            | Global |                   | 100              |

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

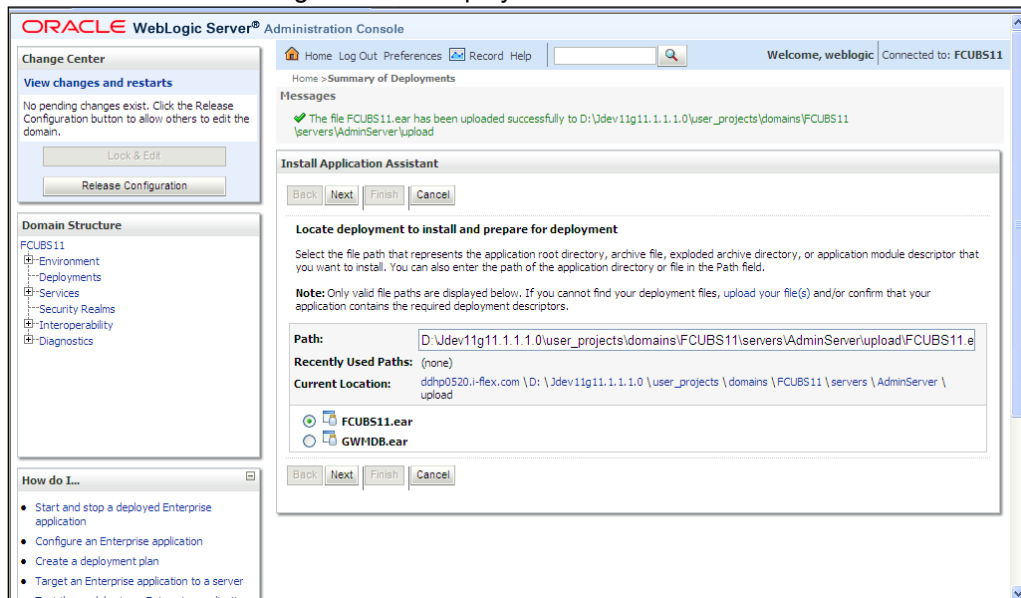


5. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.
6. Click 'Next'. The following screen is displayed:



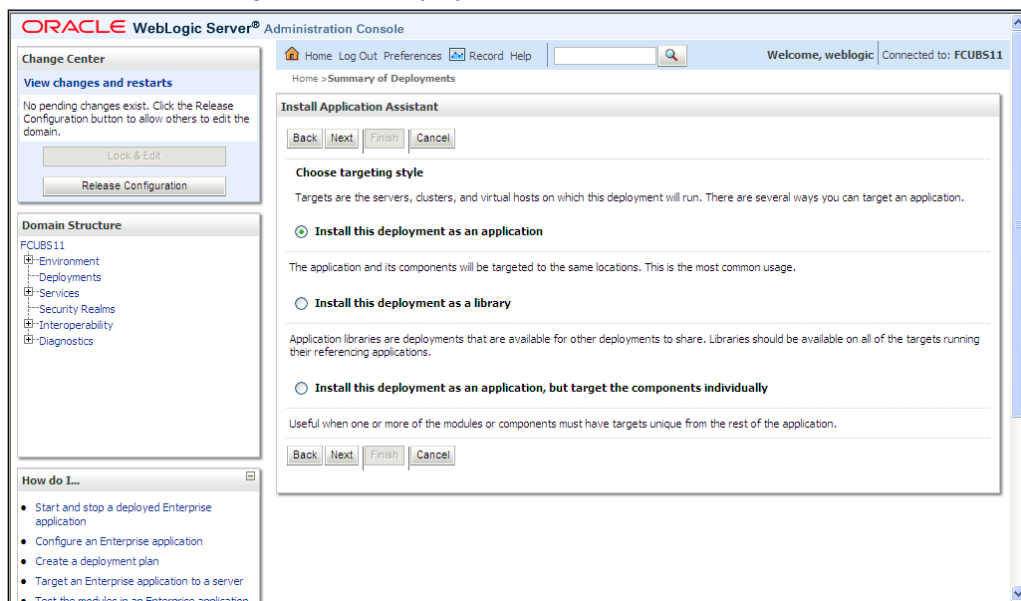
7. Specify the EAR file path. You can use the 'Browse' button to locate the file.

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



9. Select the application FCUBS EAR from the list.

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

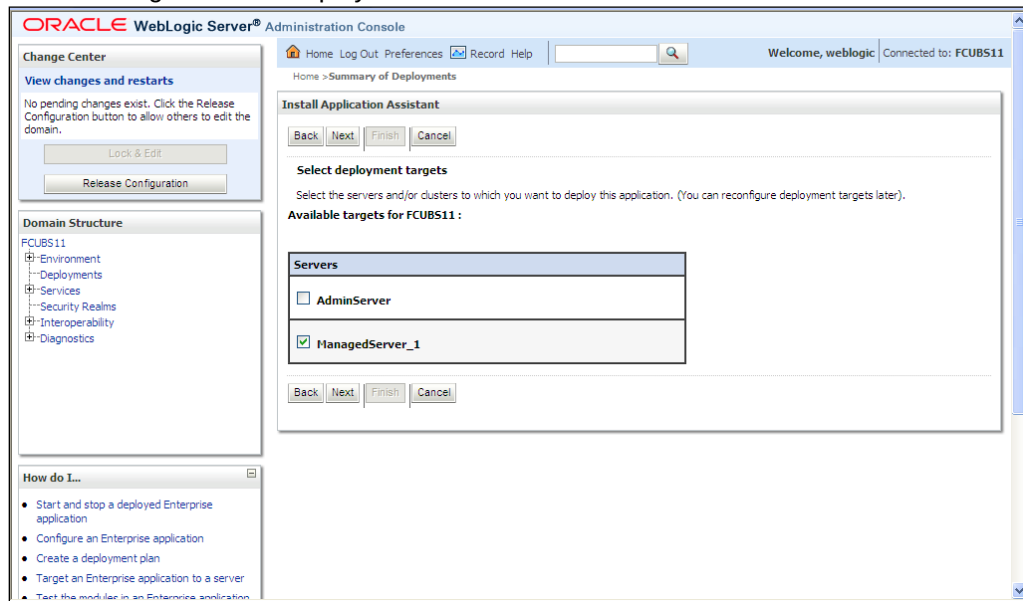


11. Choose the targeting style 'Install this deployment as an application'.

12. Click 'Next'.

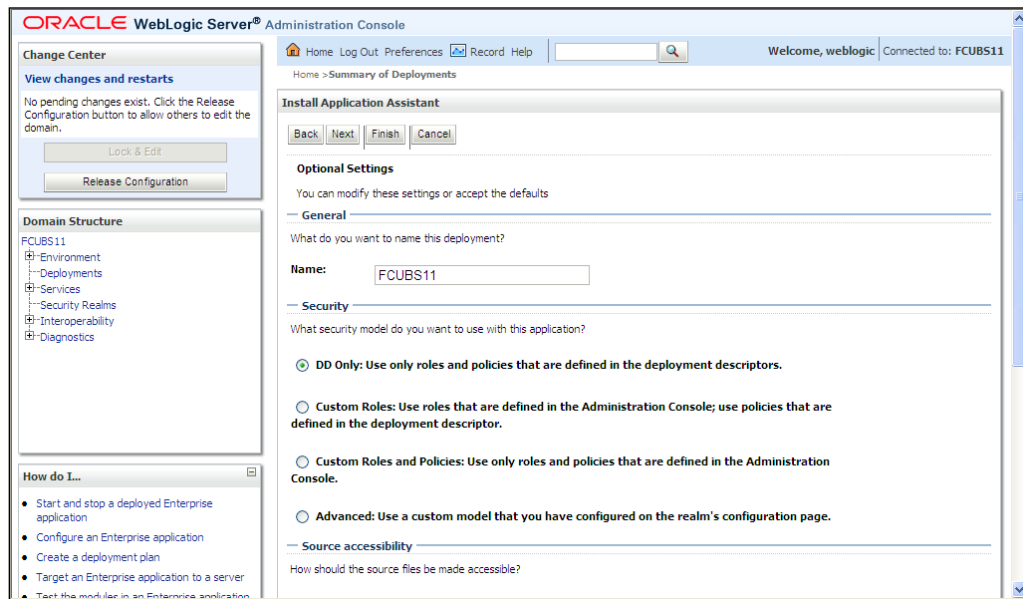


The following screen is displayed



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 'Security' and 'Source accessibility' configuration screens. On the left, there is a navigation pane with 'Security Realms', 'Interoperability', and 'Diagnostics'. Below it, a 'How do I...' section lists tasks like 'Start and stop a deployed Enterprise application'. The 'System Status' section shows 'Health of Running Servers' with a bar chart indicating 'Failed (0)', 'Critical (0)', 'Overloaded (0)', 'Warning (0)', and 'OK (1)'. The main area is divided into two sections: 'Security' and 'Source accessibility'. The 'Security' section asks 'What security model do you want to use with this application?' and offers three options: 'DD Only' (selected), 'Custom Roles', and 'Custom Roles and Policies'. The 'Source accessibility' section asks 'How should the source files be made accessible?' and offers two options: 'Use the defaults defined by the deployment's targets' (selected) and 'Copy this application onto every target for me'. A 'Location' field is set to 'D:\Udev11g11.1.1.0\user\_projects\domains\FCUBS11\src'. At the bottom, there are 'Back', 'Next', 'Finish', and 'Cancel' buttons.

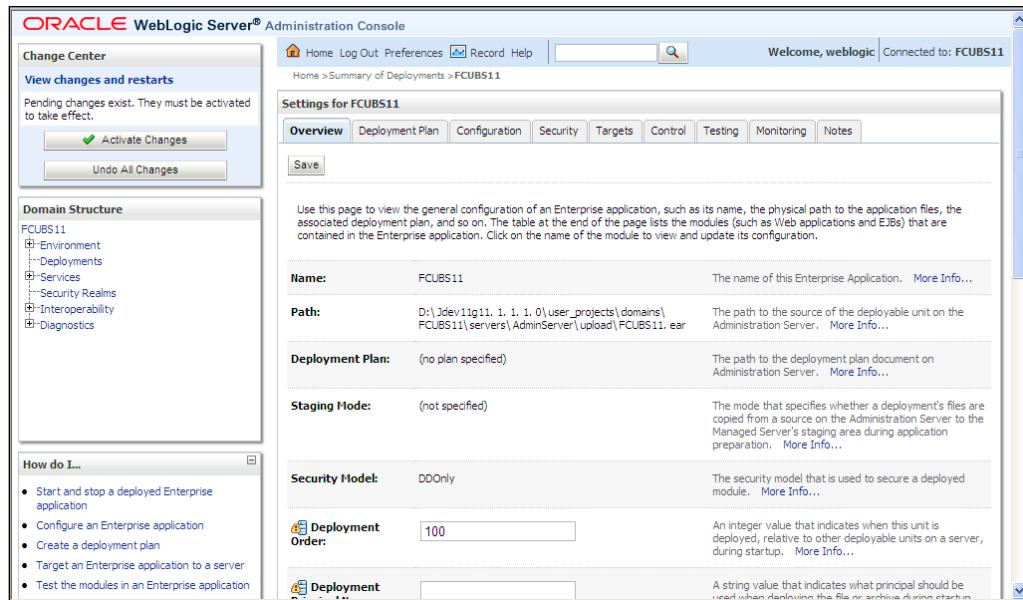
16. Check whether the deployment location is accessible or not.

The following screen is displayed.

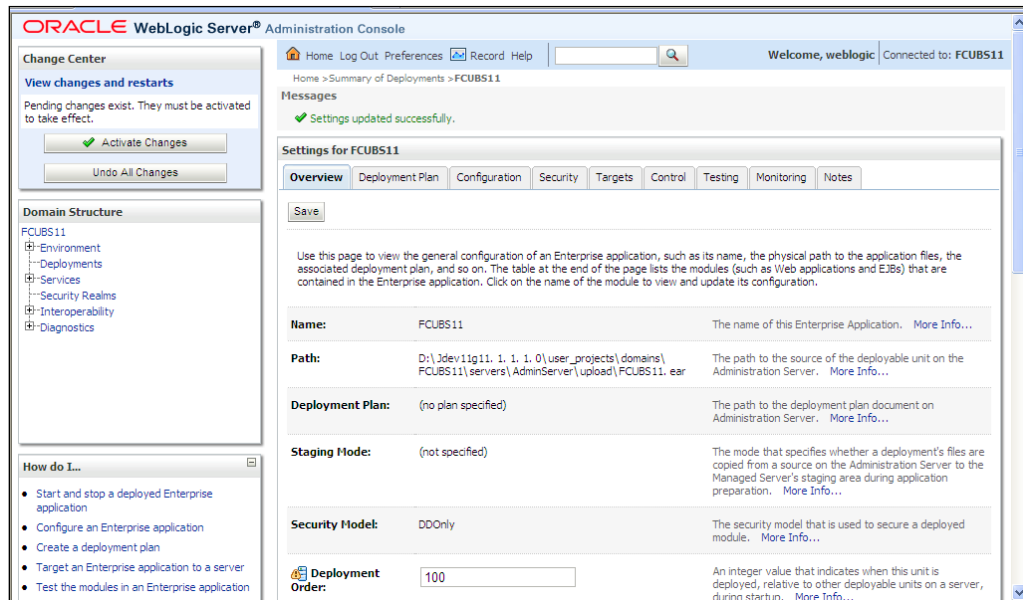
The screenshot shows the 'Install Application Assistant' screen. On the left, there is a navigation pane with 'Domain Structure' showing 'FCUBS11' and its sub-components: 'Environment', 'Deployments', 'Services', 'Security Realms', 'Interoperability', and 'Diagnostics'. Below it, a 'How do I...' section lists tasks like 'Start and stop a deployed Enterprise application'. The 'System Status' section shows 'Health of Running Servers'. The main area is titled 'Review your choices and click Finish'. It includes a 'Summary' section with the following details: 'Deployment: D:\Udev11g11.1.1.0\user\_projects\domains\FCUBS11\servers\AdminServer\upload\FCUBS11.ear', 'Name: FCUBS11', 'Staging mode: Use the defaults defined by the chosen targets', and 'Security Model: DDOnly: Use only roles and policies that are defined in the deployment descriptors'. Below the summary, there is a 'Target Summary' table with two columns: 'Components' and 'Targets'. The table contains one row: 'FCUBS11.ear' under 'Components' and 'ManagedServer\_1' under 'Targets'. At the bottom, there are 'Back', 'Next', 'Finish', and 'Cancel' buttons.

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

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

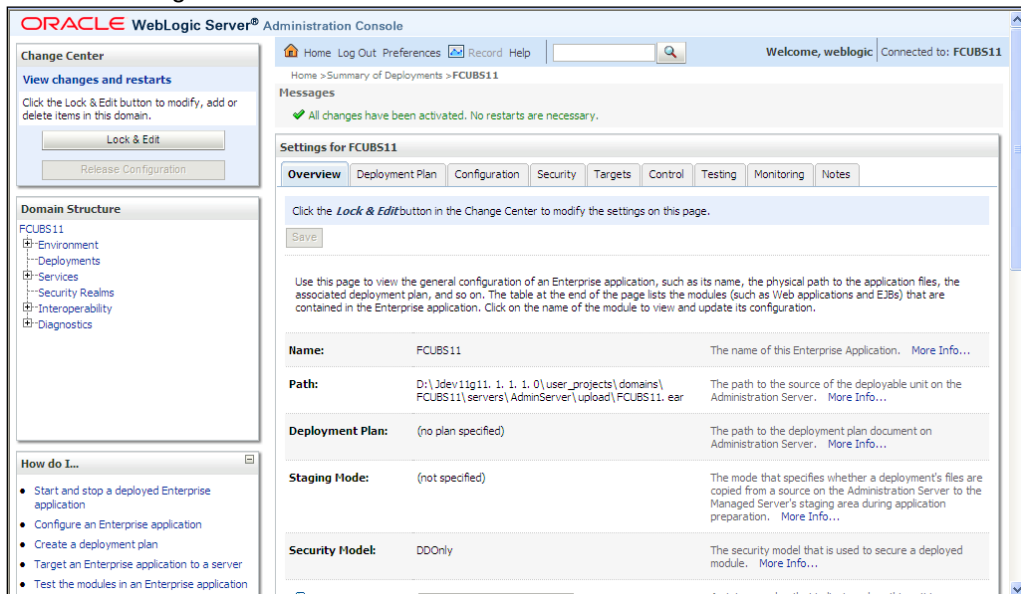


18. Click 'Save' button. The message 'Settings updated successfully' is displayed.

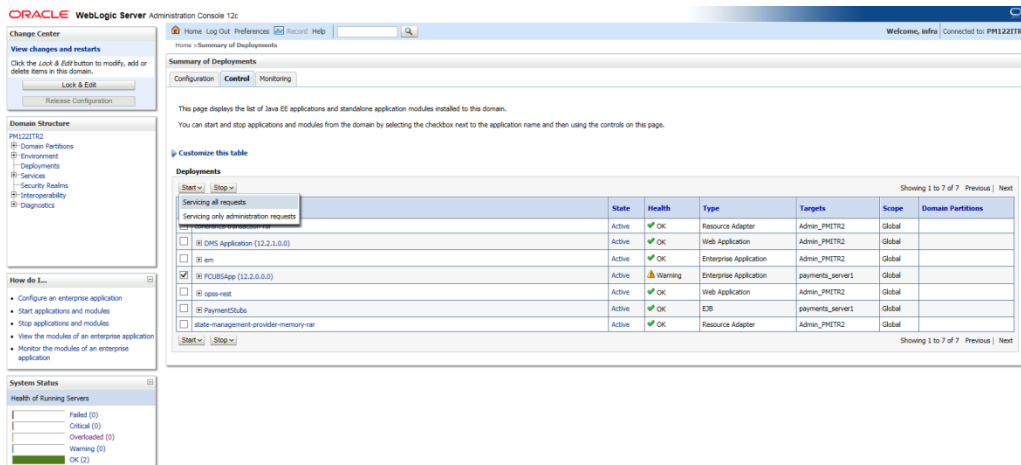


19. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

The screen is given below:

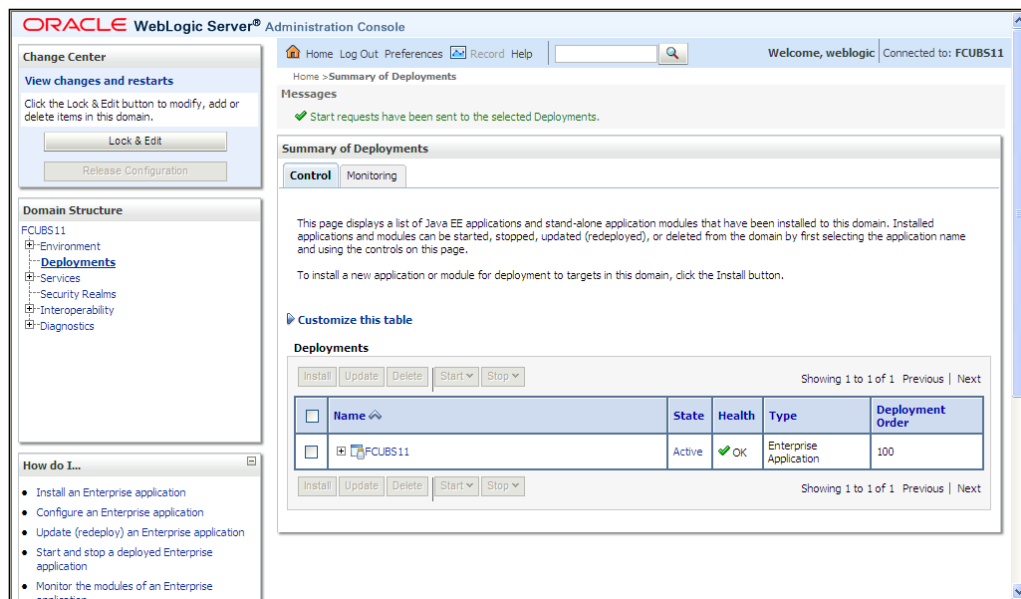
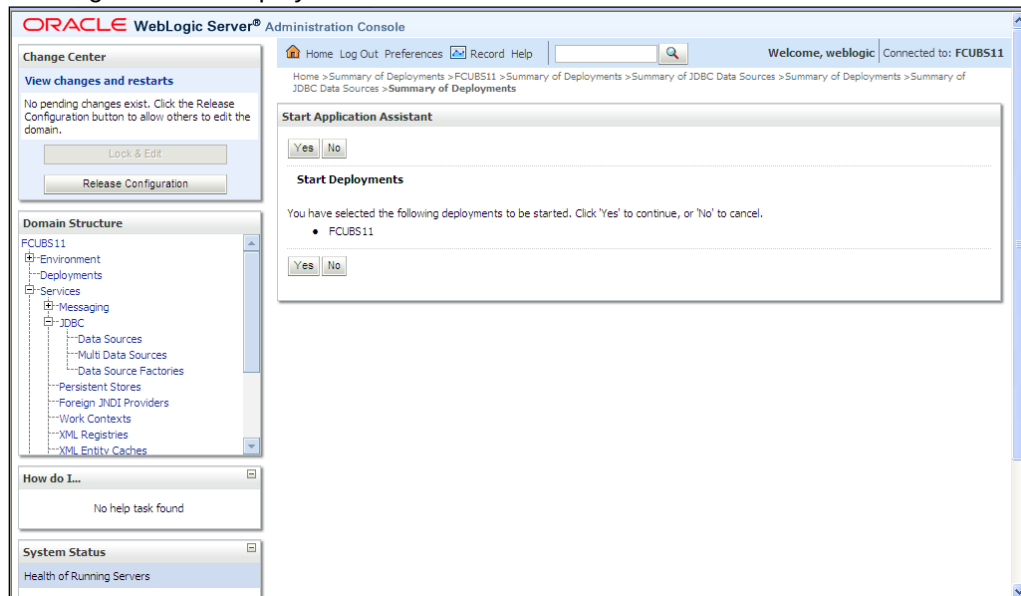


Click 'Deployment' on the left pane. Switch to Control tab .The following screen is displayed.



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'.

**ORACLE** WebLogic Server Administration Console 12c

Welcome, smlr Connected to PR122TTR2

---

**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**

- PR122TTR2
  - Domain Partitions
    - Environment
    - Deployments
    - Servers
    - Security Realms
    - Interoperability
    - Diagnostics

---

**How do I...?**

- Search the configuration
- Use the Change Center
- Record WLST Scripts
- Change Console preferences
- Manage Console extensions
- Monitor servers

---

**System Status**

**Health of Running Servers**

| Status     | Count |
|------------|-------|
| Failed     | (0)   |
| Critical   | (0)   |
| Overloaded | (0)   |
| Warning    | (0)   |
| OK         | (2)   |

---

**Home Page**

### Information and Resources

**Helpful Tools**

- Configure applications
- Configure GridLink for RAC Data Source
- Configure a Dynamic Cluster
- Recent Task Status
- Set your console preferences
- Oracle Enterprise Manager

**General Information**

- Common Administration Task Descriptions
- Read the documentation
- Ask a question on My Oracle Support

---

### Domain Configurations

**Domains**

- Domain

**Domain Partitions**

- Domain Partitions
- Partition Work Managers

**Environment**

- Servers
- Clusters
  - Server Templates
  - Migratable Targets
- Coherence Clusters
- Weblogic
- Virtual Hosts
- Virtual Targets
- Work Managers
- Concurrent Templates
- Resource Management
- Startup And Shutdown Classes

**Application's Security Settings**

- Security Realms

---

**Resource Group Templates**

- Resource Group Templates

**Resource Groups**

- Resource Groups

---

**Deployed Resources**

- Deployments

---

**Servers**

**Messaging**

- JMS Servers
  - Store-and-Forward Agents
- JMS Modules
- Path Services
- Bridges

**Data Sources**

- Persistent Stores
- JDBC Registries
- JMX Entry Caches
- Foreign JNDI Providers

**Work Contexts**

- JCOA
- Mail Sessions
- IMTA
- JTA
- OSG Frameworks

---

**Interoperability**

- WTC Servers
- Sub Connection Pools

---

**Diagnostics**

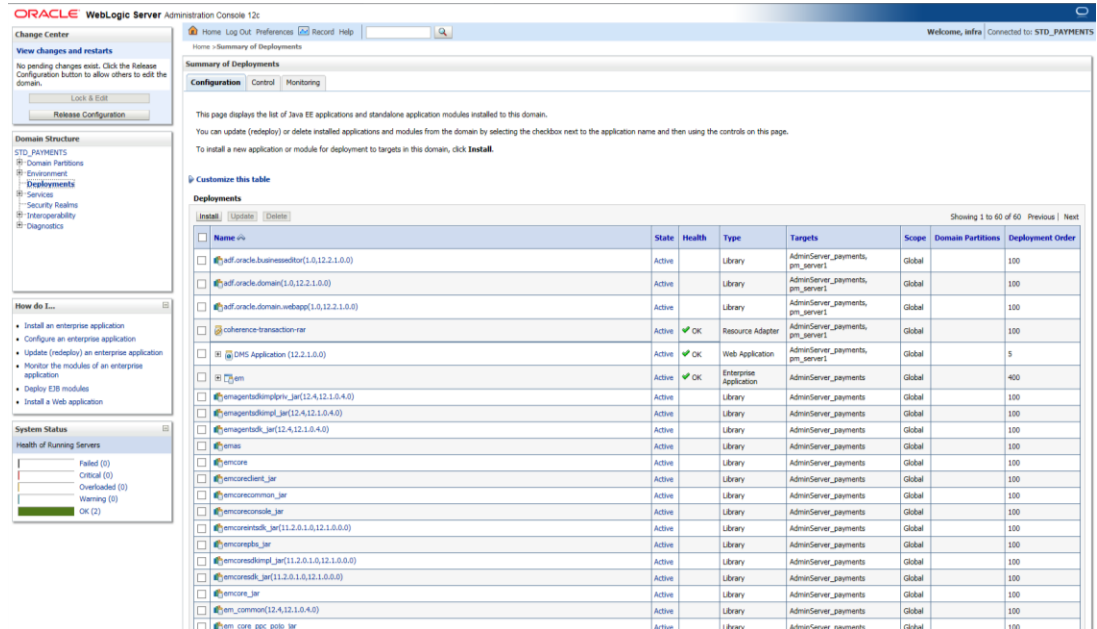
- Log Files
- Diagnostic Modules
  - Built-in Diagnostic Modules
- Diagnostic Images
- Request Performance
- Archives
- Content
- Stack
- Interceptors

---

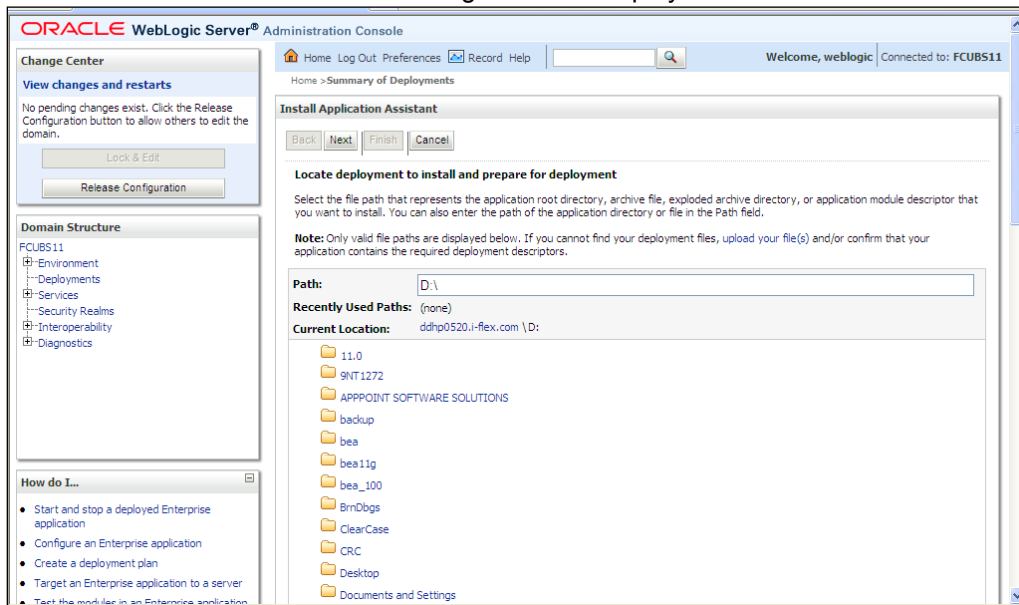
**Charts and Graphs**

- Monitoring Dashboard

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

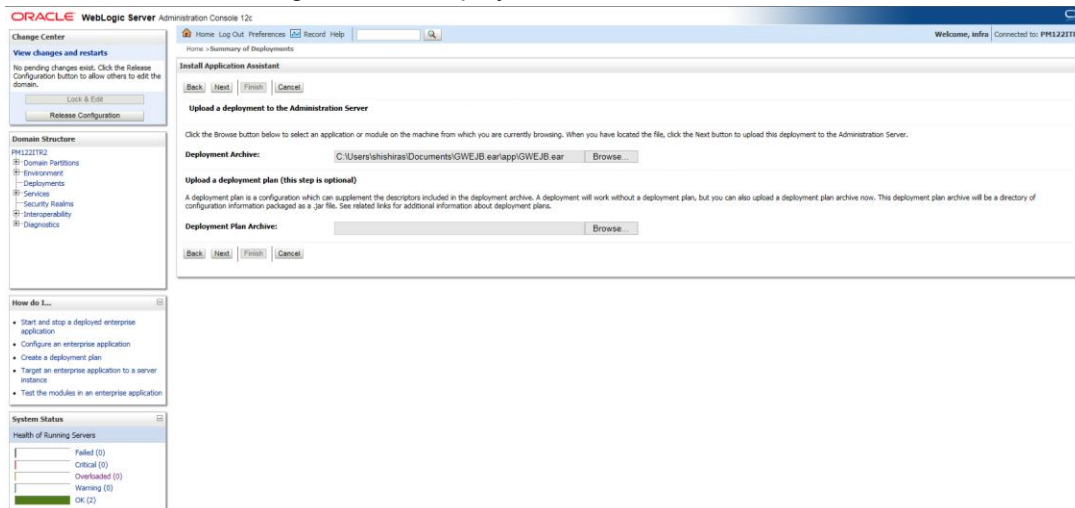


25. Click 'Install' button. The following screen is displayed:



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

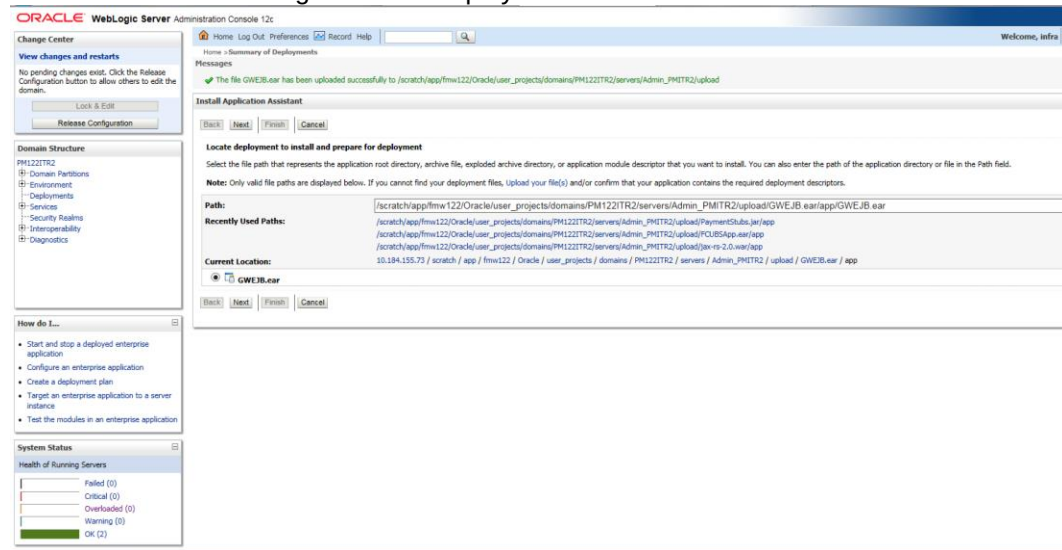
27. Click 'Next'. The following screen is displayed:



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

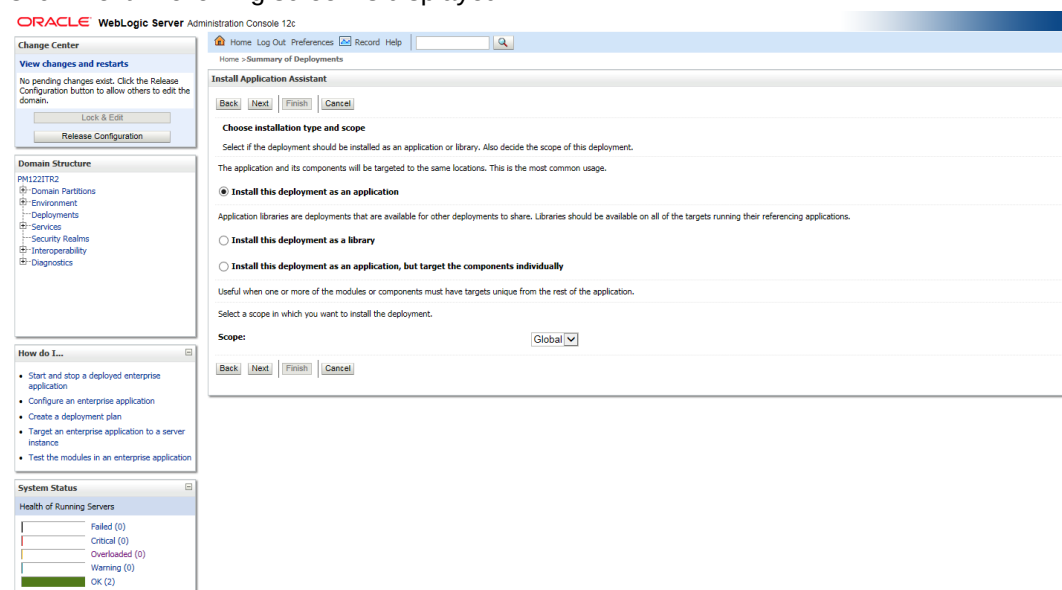


29. Click 'Next'. The following screen is displayed.



30. Select the application from the list.

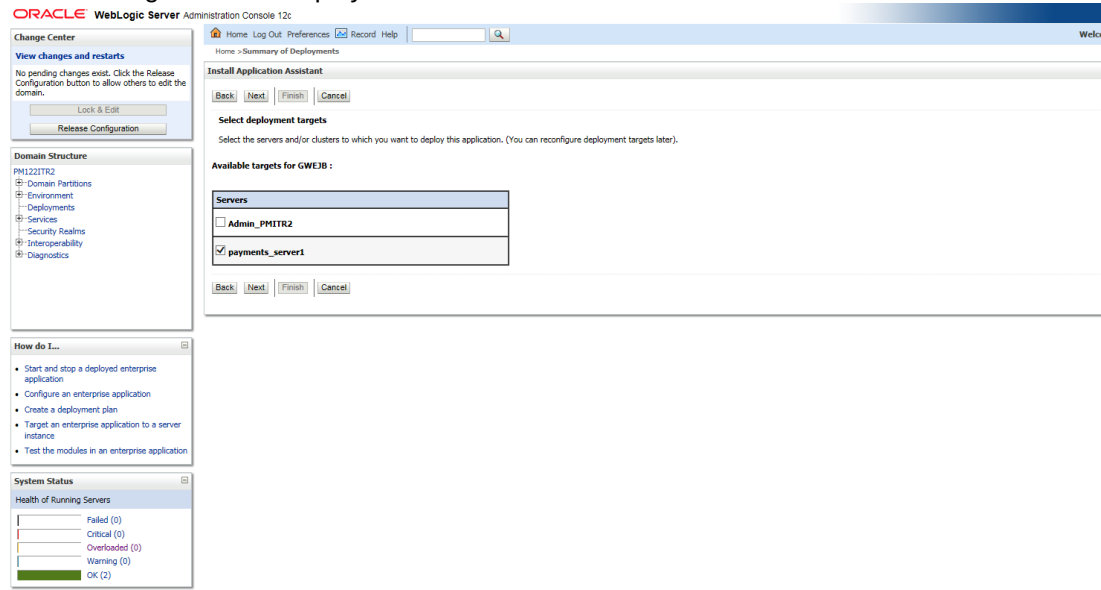
31. Click 'Next'. Following screen is displayed:



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

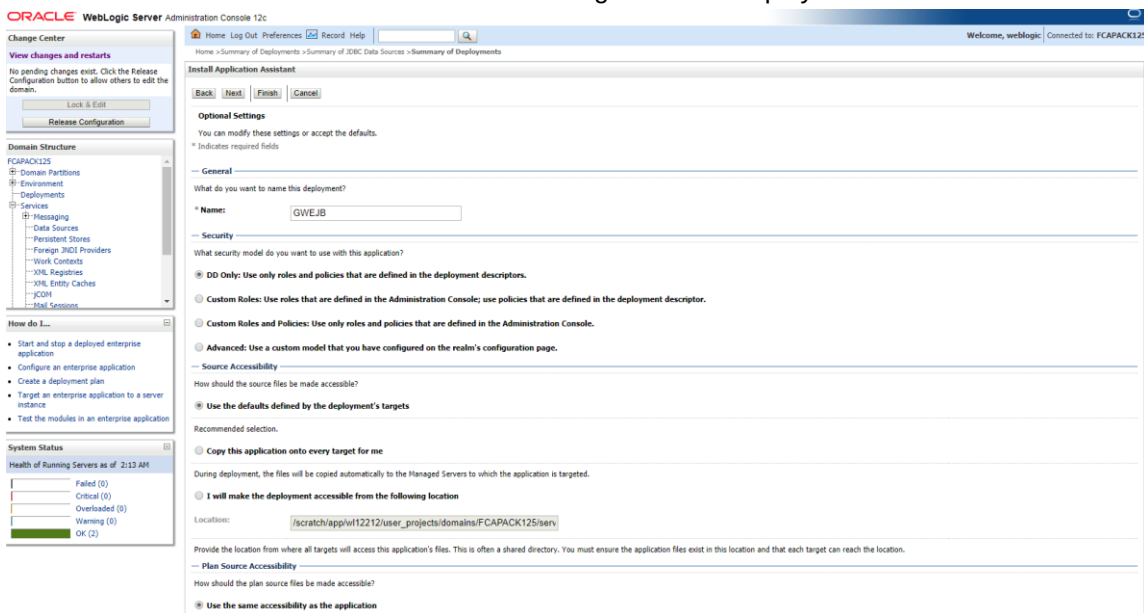
33. Click 'Next'.

The following screen is displayed



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.



36. Check the deployment name.

The remaining portion of the screen is shown below:

**General**

What do you want to name this deployment?

Name:

**Security**

What security model do you want to use with this application?

☒ **DD Only:** Use only roles and policies that are defined in the deployment descriptors.

☐ **Custom Roles:** Use roles that are defined in the Administration Console; use policies that are defined in the deployment descriptor.

☐ **Custom Roles and Policies:** Use only roles and policies that are defined in the Administration Console.

☐ **Advanced:** Use a custom model that you have configured on the realm's configuration page.

**Source Accessibility**

How should the source files be made accessible?

☒ **Use the defaults defined by the deployment's targets**

Recommended selection.

☐ **Copy this application onto every target for me**

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

☐ **I will make the deployment accessible from the following location**

Locations:

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.

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**

**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/PM12212R2/servers/Admin\_PM12212R2/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

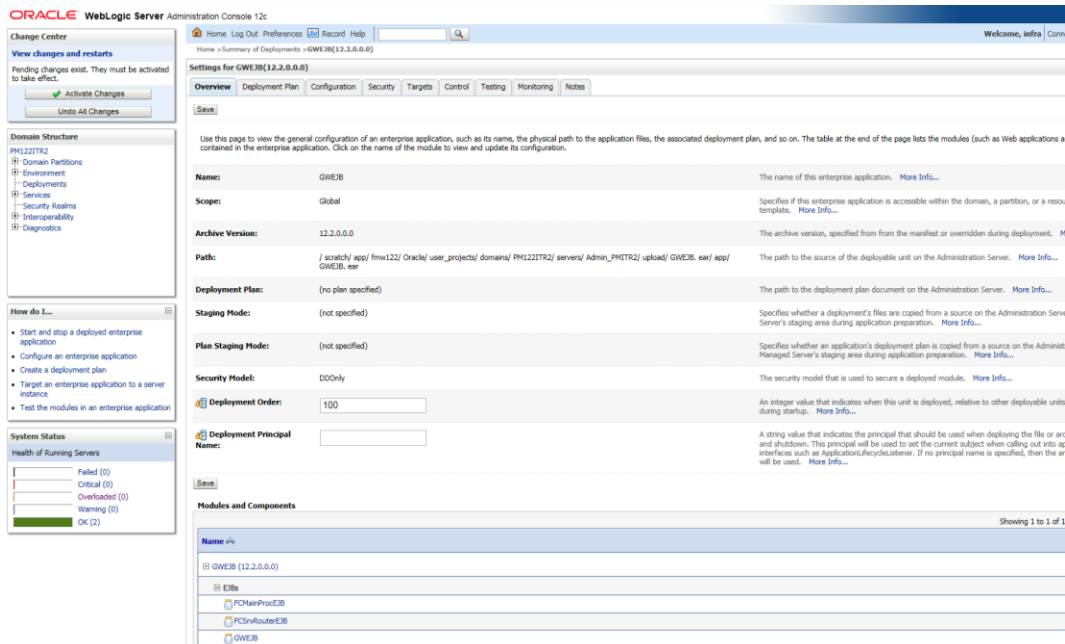
**Security Model:** DDOnly: Use only roles and policies that are defined in the deployment descriptors.

**Scope:** Global

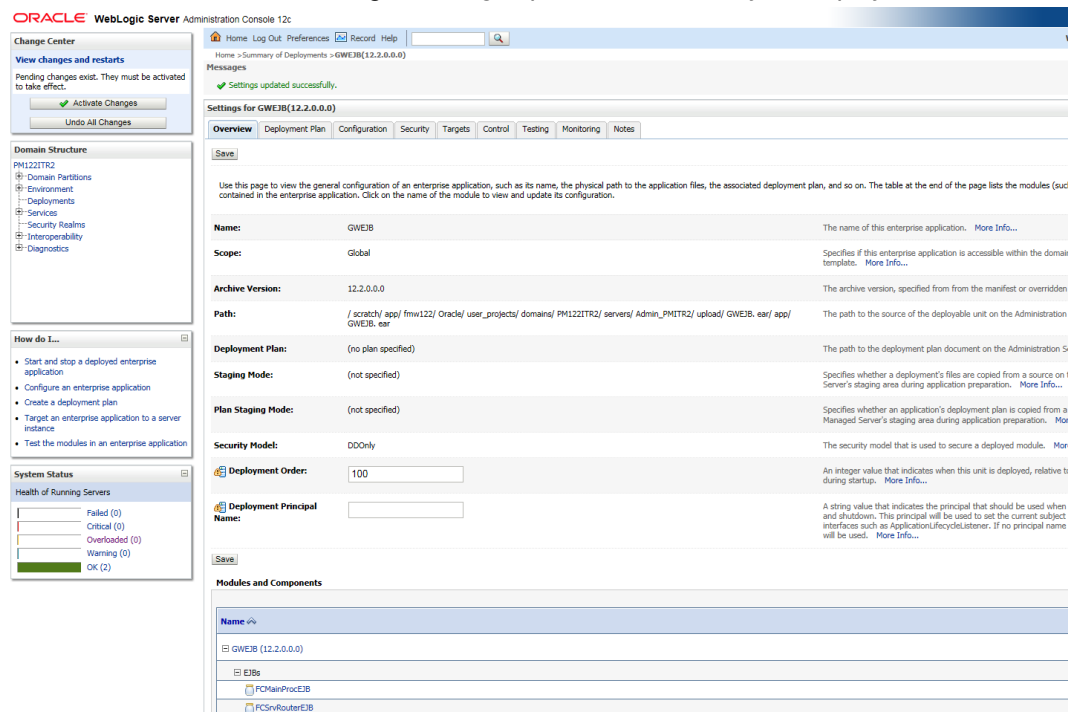
**Target Summary**

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

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



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



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

The screen is given below:

**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  
Click the **Lock & Edit** button in the Change Center to modify the settings on this page.  
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 WebContainer) 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 part 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.                                                                                                                                                                                                                                     |
| <b>Path:</b>                      | /scratch/app/finw122/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.                                                                                                                                                                                                                                                |
| <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 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 and shutdown. This principal will be used to set the current subject when calling interfaces such as ApplicationLifecycleListener. If no principal name is specified, the default principal will be used. <a href="#">More Info...</a> |

**Modules and Components**  
Show

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

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

**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...**  
 • 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  
Showing 1 to 8 of 8 Prev

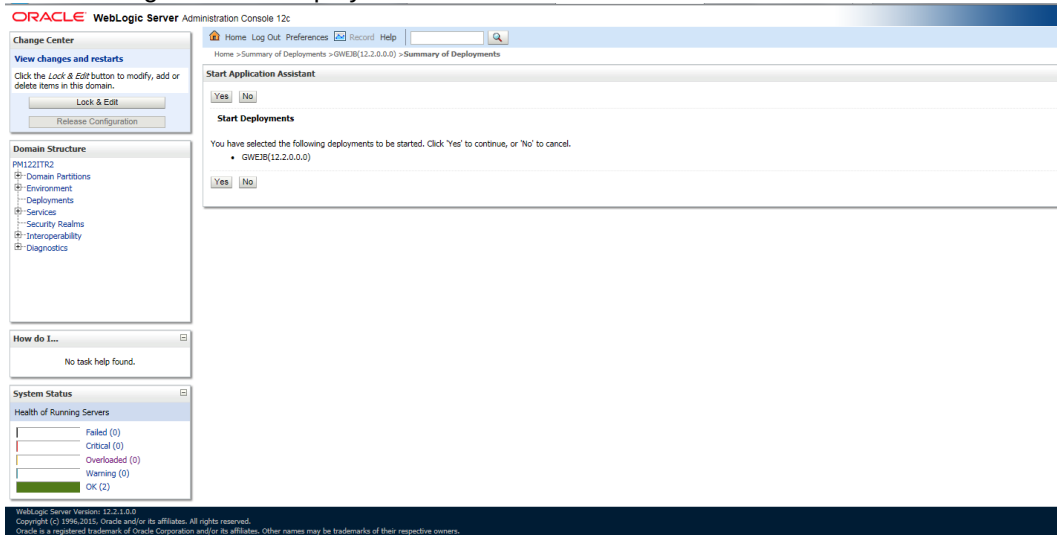
| Name                                   | State    | Health  | Type                   | Targets          | Scope  | Domain Partition |
|----------------------------------------|----------|---------|------------------------|------------------|--------|------------------|
| Servicing all requests                 | Active   | OK      | Resource Adapter       | Admin_PM1TR2     | Global |                  |
| Servicing only administration requests | Active   | OK      | Web Application        | Admin_PM1TR2     | Global |                  |
| DMS Application (12.2.1.0.0)           | Active   | OK      | Enterprise Application | Admin_PM1TR2     | Global |                  |
| en                                     | Active   | OK      | Enterprise Application | payments_server1 | Global |                  |
| FCUBSApp (12.2.0.0.0)                  | Active   | Warning | Enterprise Application | payments_server1 | Global |                  |
| GWEJB (12.2.0.0.0)                     | Prepared | OK      | Enterprise Application | payments_server1 | Global |                  |
| opss-rest                              | Active   | OK      | Web Application        | Admin_PM1TR2     | Global |                  |
| PaymentStubs                           | Active   | OK      | EJB                    | payments_server1 | Global |                  |
| state-management-provider-memory-rar   | Active   | OK      | Resource Adapter       | Admin_PM1TR2     | Global |                  |

Start | Stop  
Showing 1 to 8 of 8 Prev

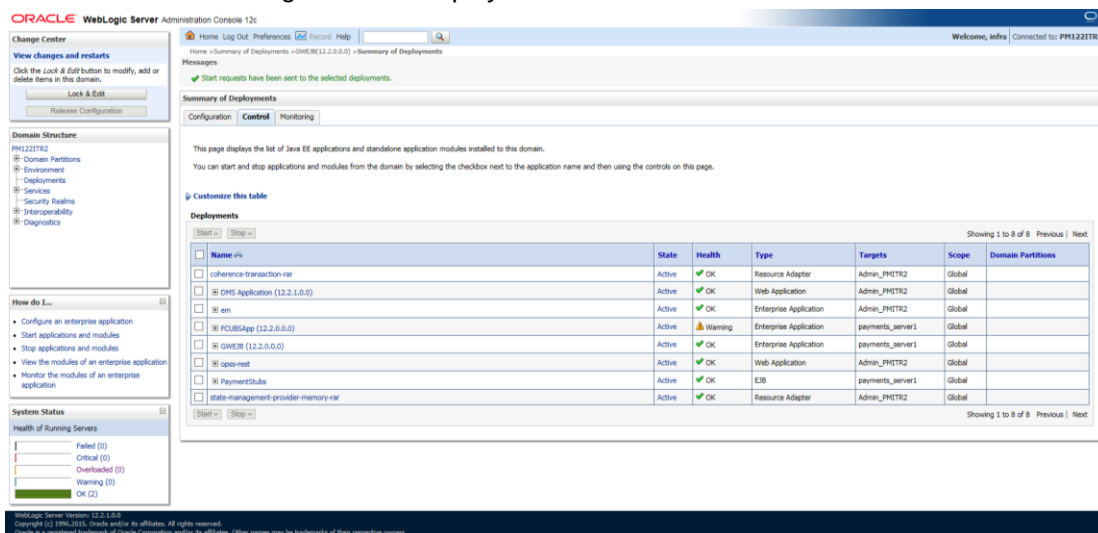
WebLogic Server Version: 12.2.1.0.0  
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40. Click 'Start' drop-down button and select 'Servicing all requests'.

41. The following screen is displayed.



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



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  
[Feb] [2022]  
Version 14.5.4.0.0

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

Worldwide Inquiries:  
Phone: +91 22 6718 3000  
Fax: +91 22 6718 3001  
<https://www.oracle.com/industries/financial-services/index.html>

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