

Deploying Oracle FLEXCUBE Application on WebLogic  
Oracle FLEXCUBE Universal Banking  
Release 14.7.3.0.0  
Part No. F91985-01  
[February] [2024]



---

# 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>1-10</i>
1.3.4	<i>Deploying Gateway/Scheduler Applications from WebLogic Administration Console .....</i>	<i>1-19</i>

---

# 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.

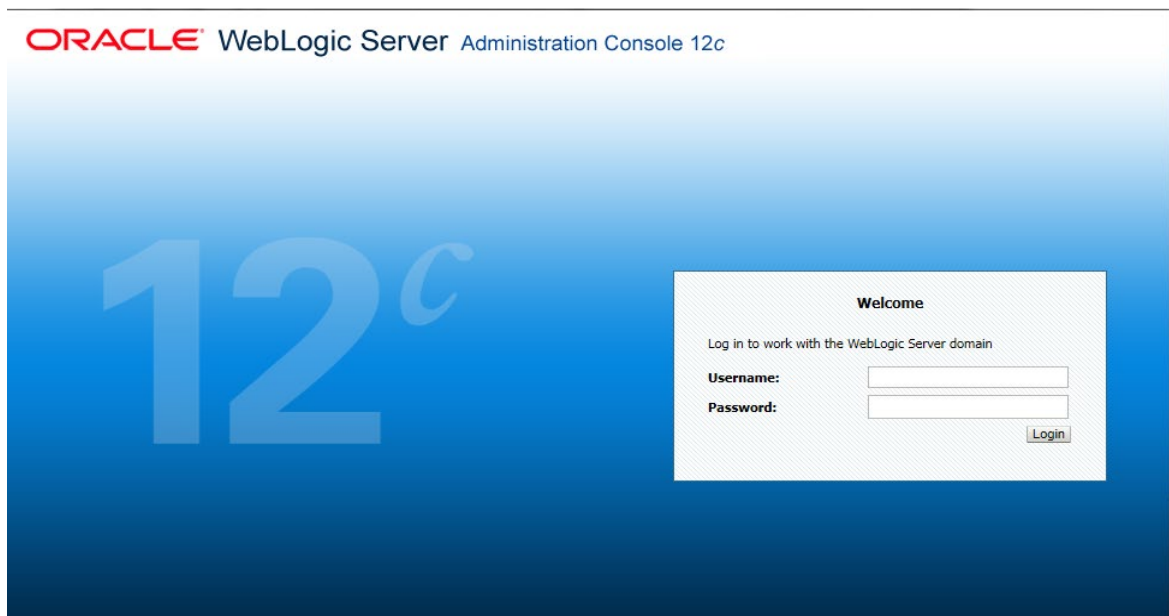
### 1.3.1 Deploying Integration Adapter EAR from WebLogic Administration Console

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

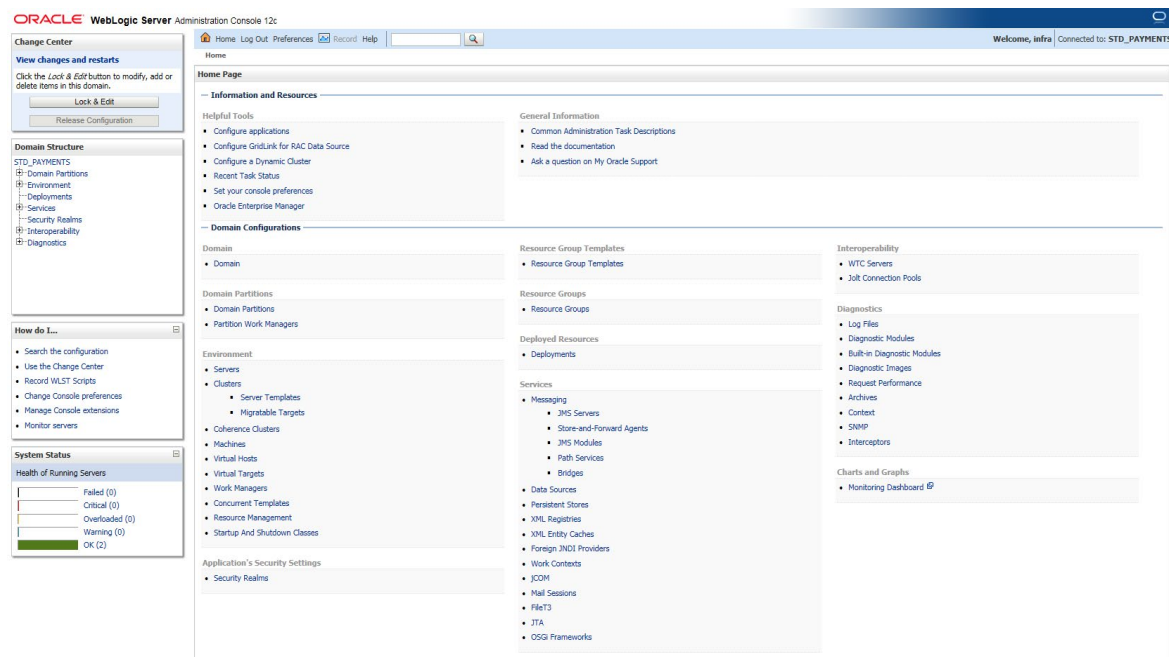
1. Start the Administrative Console of WebLogic application server. You can start this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.

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

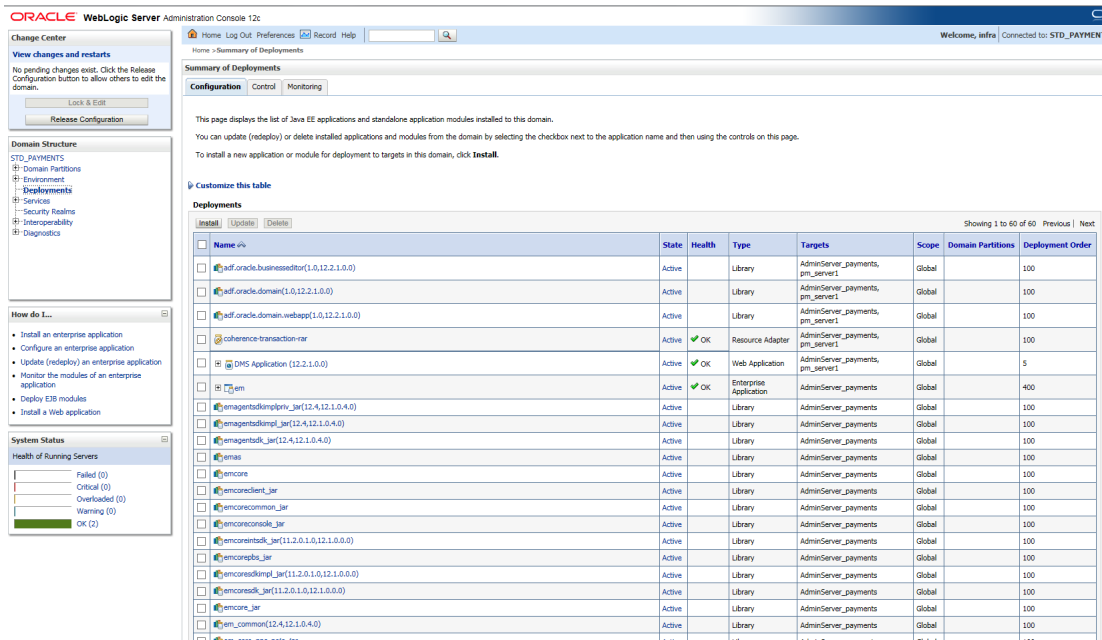
The following screen is displayed:



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

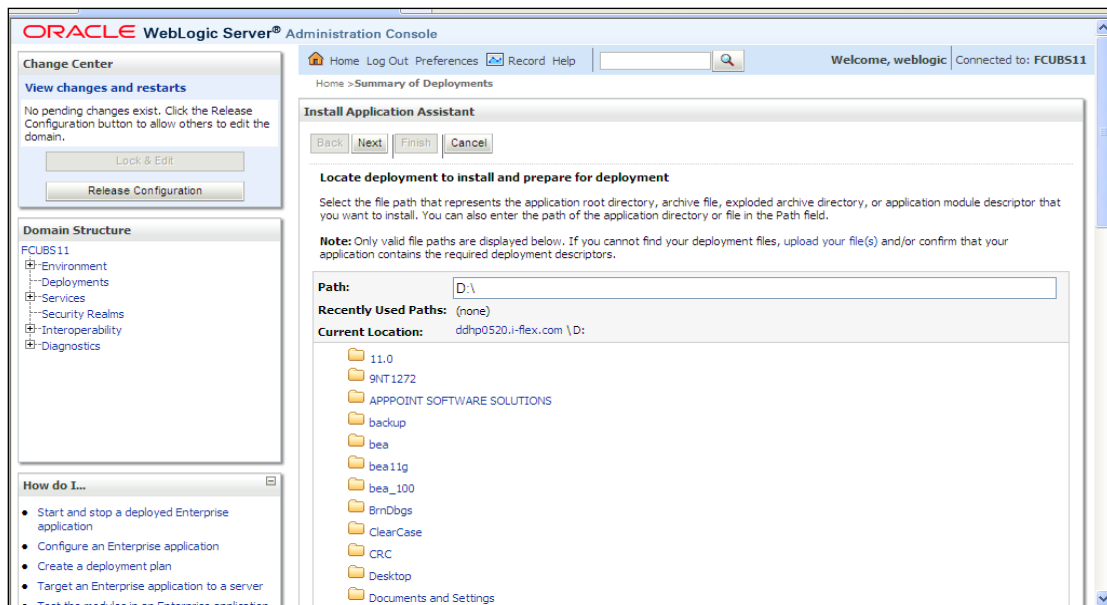


- You need to deploy an Integration adapter EAR. For e.g. 'OBACLExtAdapter.ear' or 'ExtAdapter.ear'. Go to 'Deployment'.
- Click 'Lock & Edit' button to enable the buttons. This action enables the buttons.



5. Click 'Install' button.

The following screen is displayed:

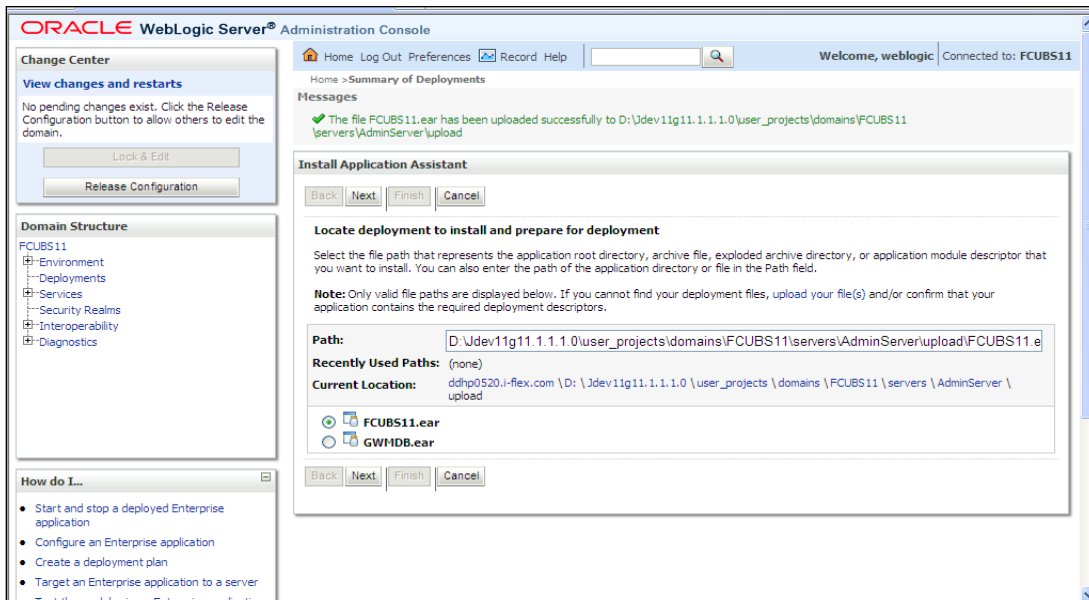


6. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.

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

8. Click 'Next'.

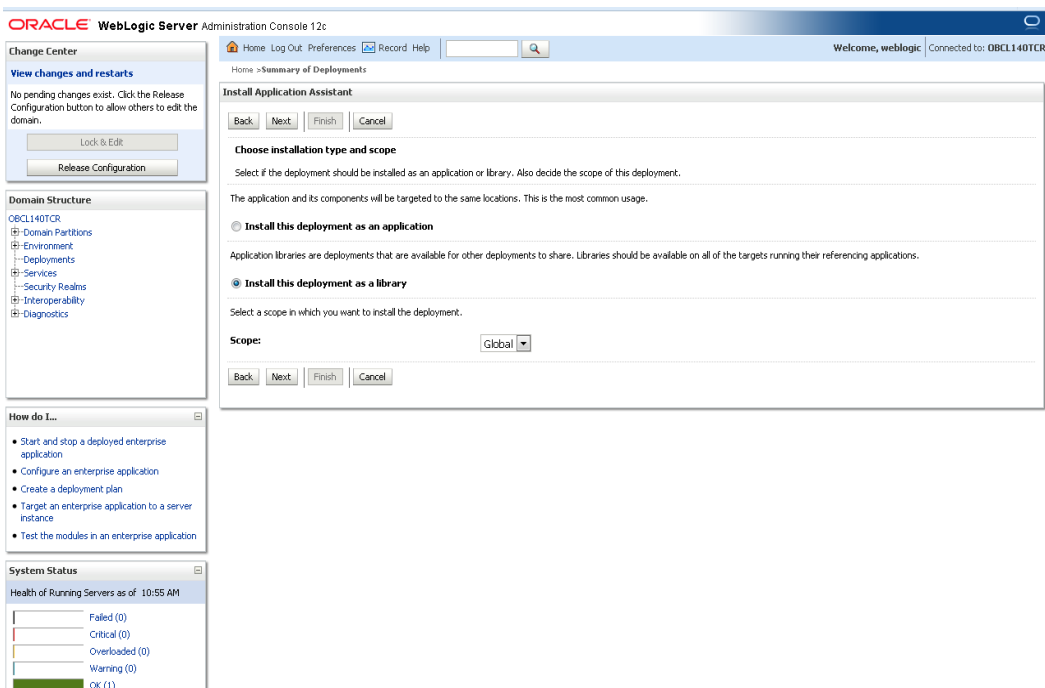
The following screen is displayed.



9. Select the application Adapter EAR from the list.

10. Click 'Next'.

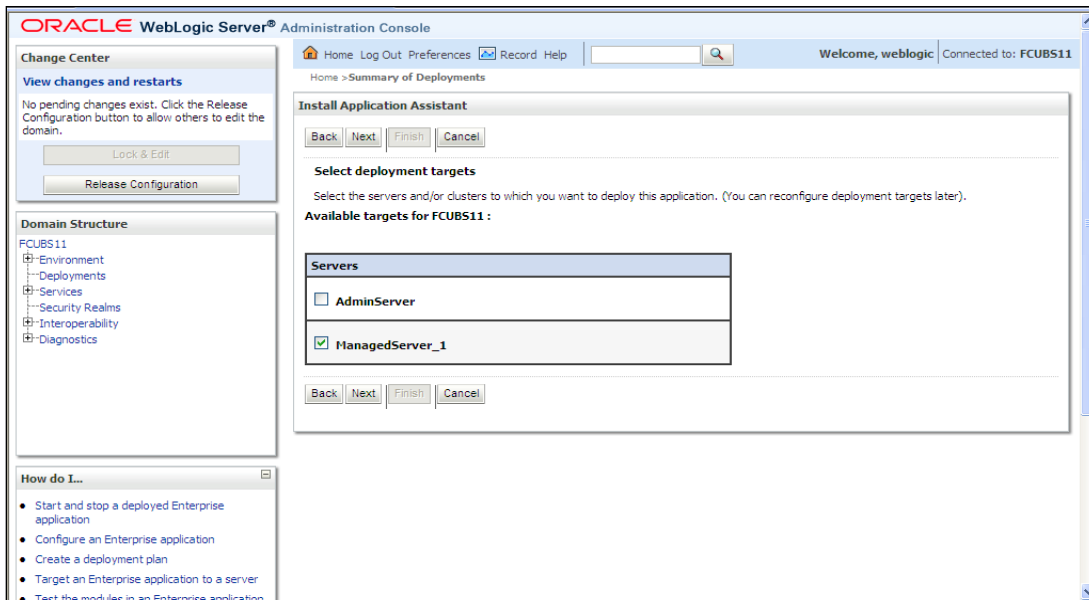
The following screen is displayed.



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

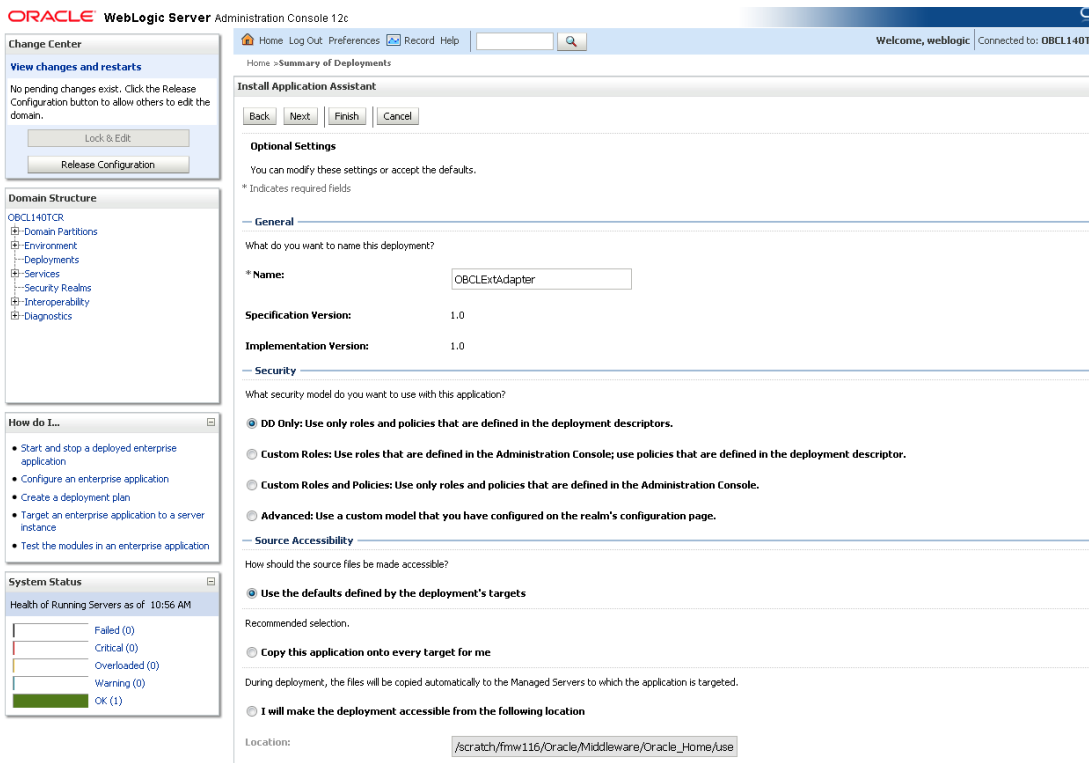
12. Click 'Next'.

The following screen is displayed.



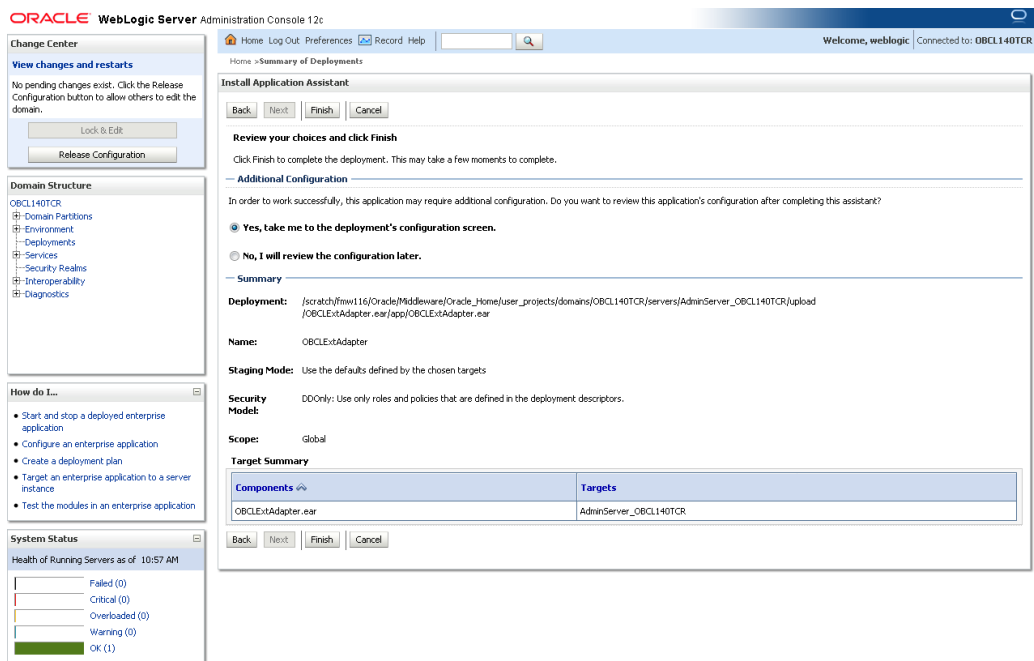
13. Select the target of the application. You can choose the server 'AdminServer' or 'Managed Server(s)'.

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



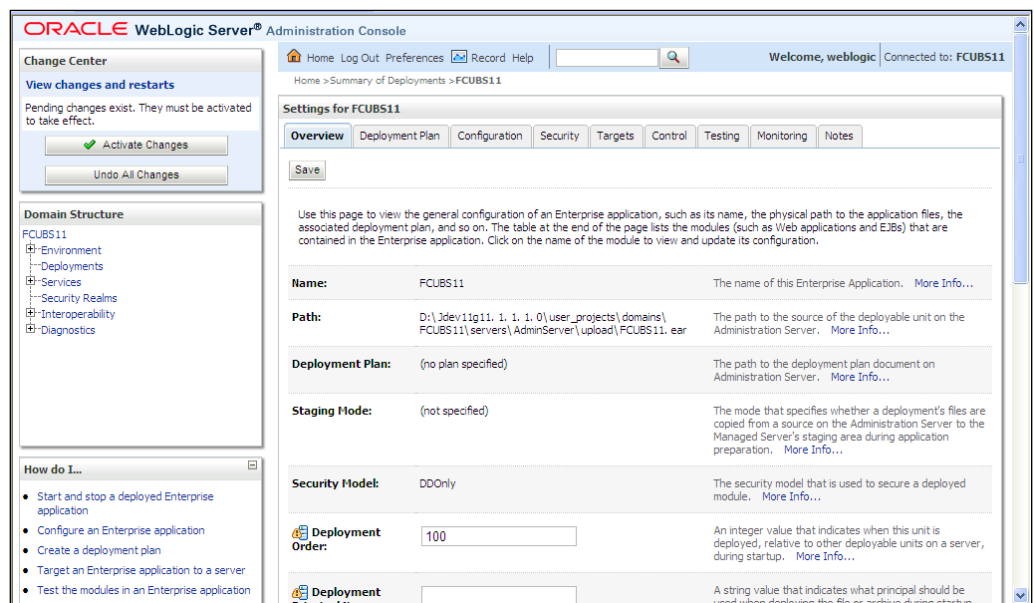
15. Check the deployment name.

The remaining portion of the screen is shown below:



16. Click 'Finish' button.

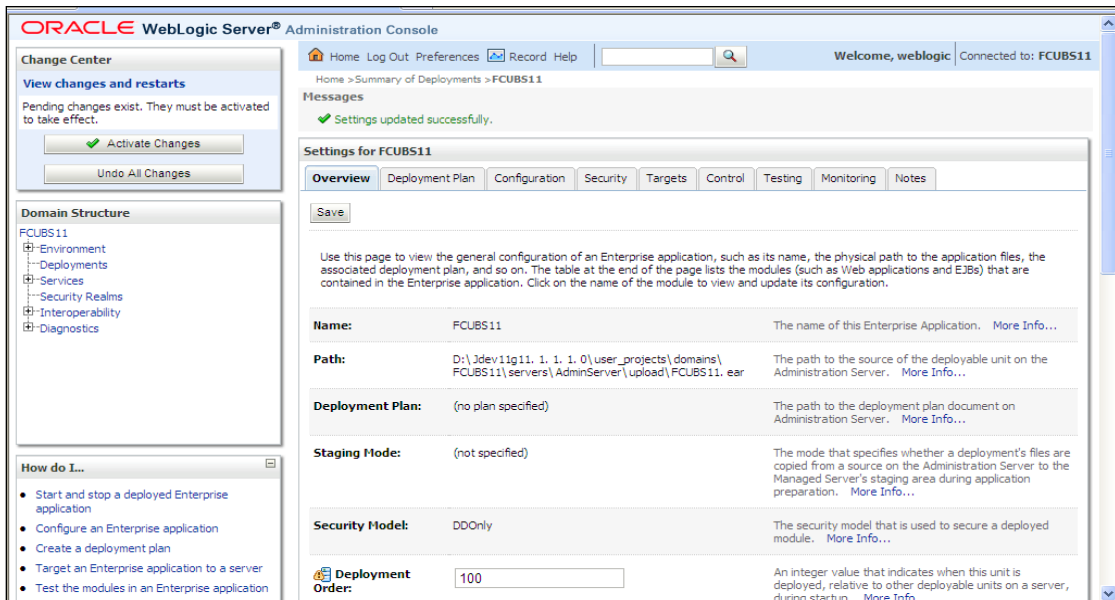
The following screen is displayed.



17. Click 'Save' button.

The message 'Settings updated successfully' is displayed.





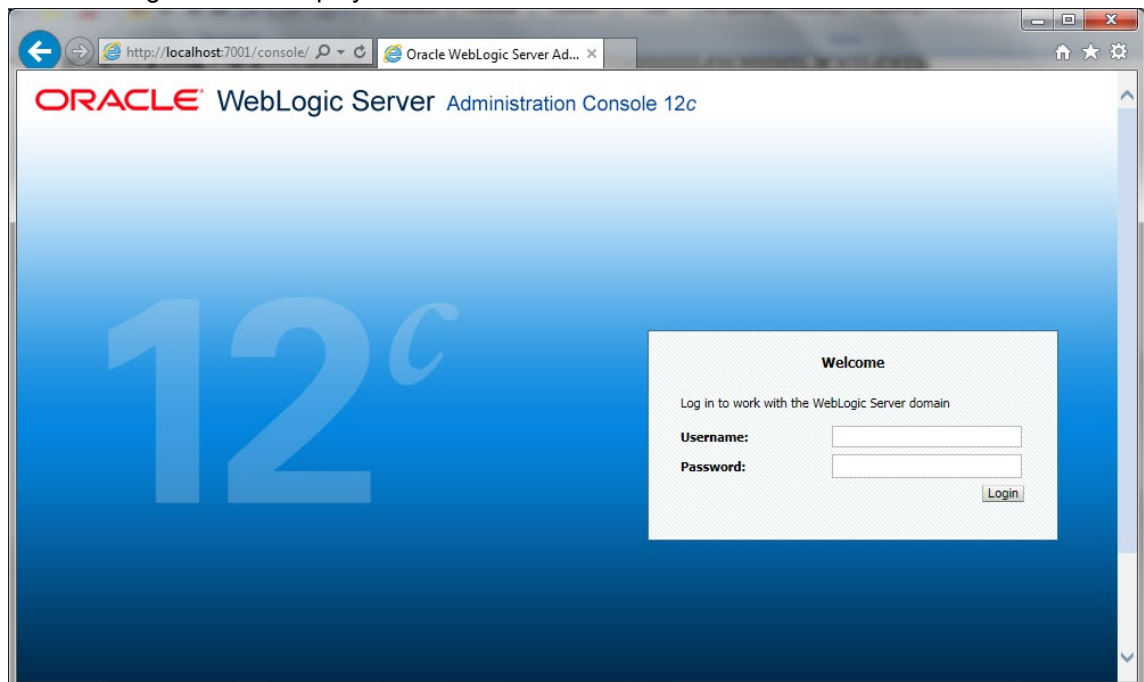
18. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

### 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:



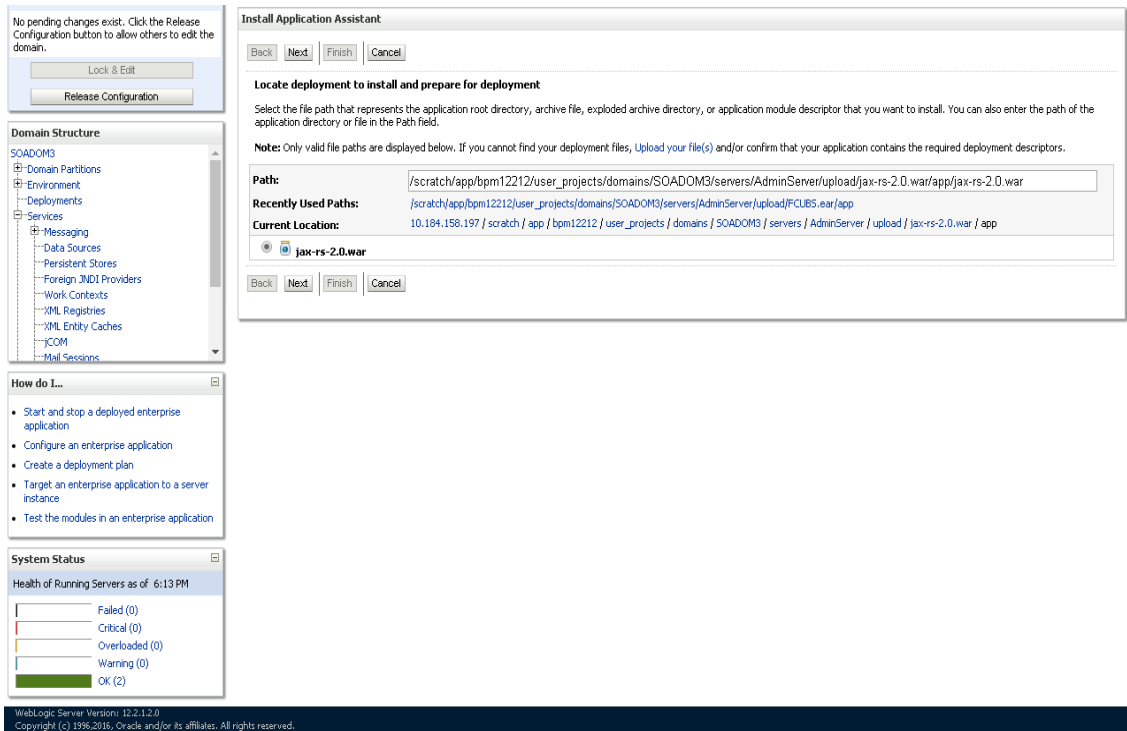
- Specify the WebLogic administrator user name and password. Click 'Log In'.

The following screen is displayed:

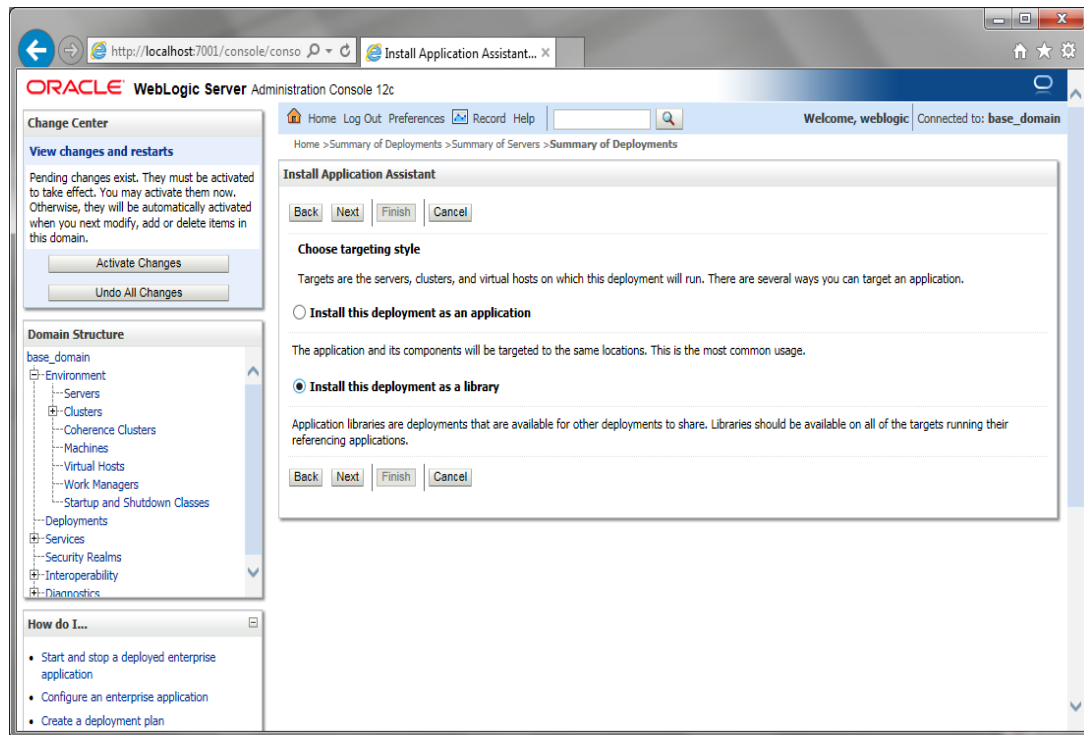
The screenshot displays the Oracle WebLogic Server Administration Console 12c. The top navigation bar includes 'Home', 'Log Out', 'Preferences', 'Record', and 'Help'. The main content area is divided into several sections: 'Information and Resources' with links to 'Helpful Tools' and 'General Information'; 'Domain Configurations' with links to 'Domain', 'Domain Partitions', and 'Partition Work Managers'; 'Resource Group Templates' with links to 'Resource Group Templates' and 'Resource Groups'; 'Deployed Resources' with links to 'Deployments' and 'Services'; and 'Interoperability' with links to 'WTC Servers' and 'Jolt Connection Pools'. The left sidebar contains 'Change Center' with a 'View changes and restarts' section, 'Domain Structure' with a tree view of 'STD\_PAYMENTS', 'How do I...' with a list of tasks, and 'System Status' with a 'Health of Running Servers' section showing 'OK (2)'.

- Click Install button.

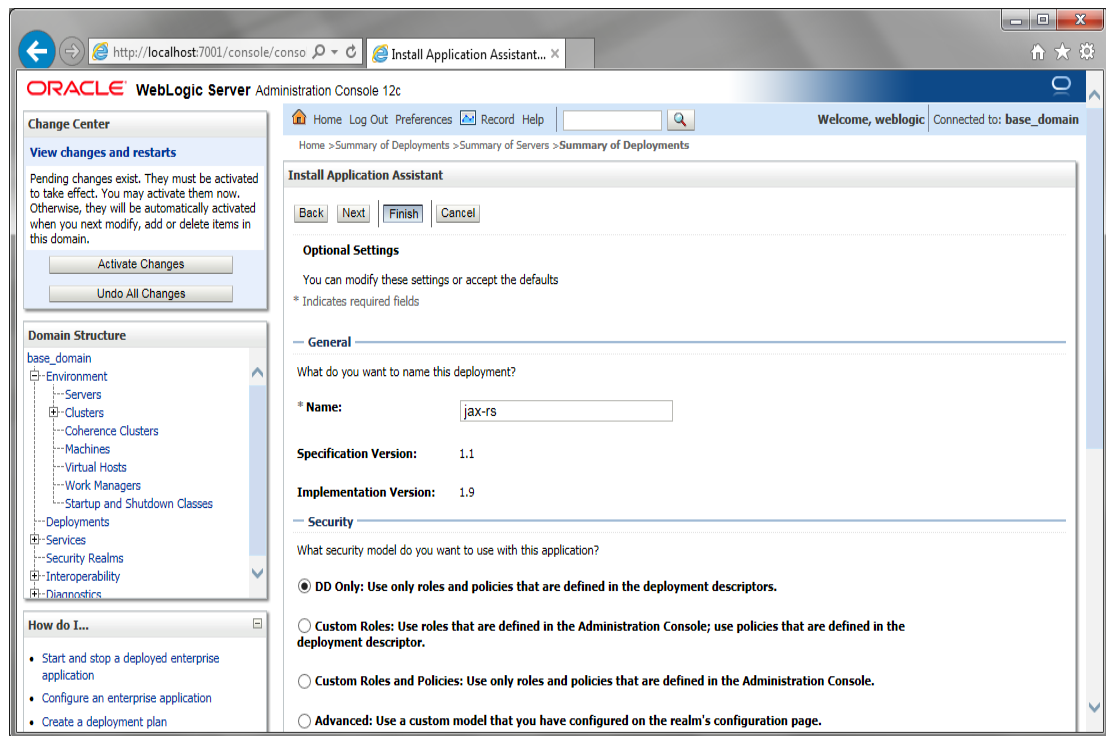
The screenshot displays the 'Summary of Deployments' page in the Oracle WebLogic Server Administration Console 12c. The page shows a table of installed Java EE applications and standalone application modules. The table columns include Name, State, Health, Type, Targets, Scope, Domain Partitions, and Deployment Order. The 'Install' button is highlighted in the top left of the table. The table lists various applications such as 'adcf.oracle.businesseditor(1.0,12.2.1.0.0)', 'adcf.oracle.domain(1.0,12.2.1.0.0)', 'adcf.oracle.domain.webapp(1.0,12.2.1.0.0)', 'coherence-transaction-war', 'DMS Application (12.2.1.0.0)', 'em', 'emagentsdkimplpriv\_jar(12.4,12.1.0.4.0)', 'emagentsdkimpl\_jar(12.4,12.1.0.4.0)', 'emagentsdk\_jar(12.4,12.1.0.4.0)', 'emas', 'emcore', 'emcoreclient\_jar', 'emcorecommon\_jar', 'emcoreconsole\_jar', 'emcoreentsdk\_jar(11.2.0.1.0,12.1.0.0.0)', 'emcoreents\_jar', 'emcoresdkimpl\_jar(11.2.0.1.0,12.1.0.0.0)', 'emcoresdk\_jar(11.2.0.1.0,12.1.0.0.0)', 'emcore\_jar', and 'em\_common(12.4,12.1.0.4.0)'. The 'Install' button is highlighted in the top left of the table.



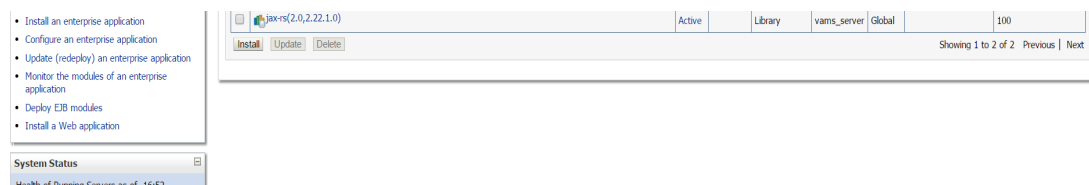
4. Navigate and select jersey bundle under the path “w\server\common\deployable-libraries\jax-rs-2.0.war” and click next.



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.

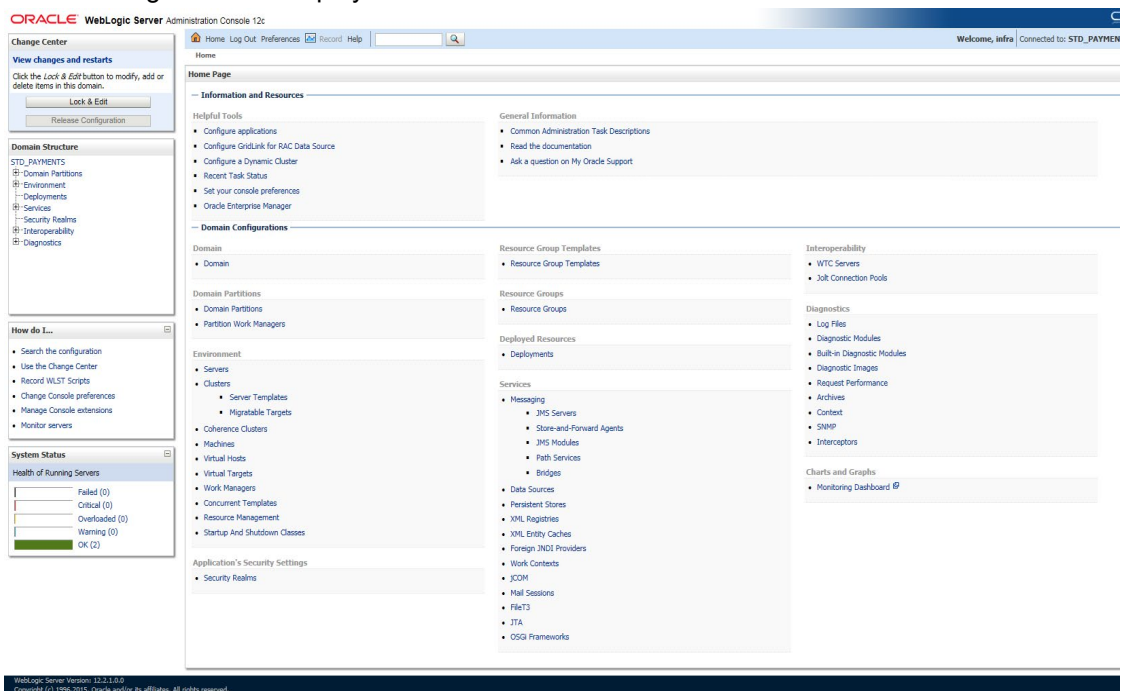
1. Start the Administrative Console of WebLogic application server. You can start this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.  
Eg: <http://10.10.10.10:1001/console>

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'.

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

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Record Help [Search]

Welcome, jwfr Connected to STD\_PAYMENT

---

**Change Center**

**View changes and restarts**

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

[Lock & Edit] [Release Configuration]

---

**Domain Structure**

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

---

**How do I...**

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

---

**System Status**

Health of Running Servers

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

---

**Summary of Deployments**

[Configuration] [Control] [Monitoring]

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

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

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

» Customize this table

**Deployments**

[Install] [Update] [Delete]

Showing 1 to 60 of 60 Previous | Next

<input type="checkbox"/>	Name ↕	State	Health	Type	Targets	Scope	Domain Partitions	Deployment Order
<input checked="" type="checkbox"/>	/adcf_oracle.businessesdcr(1.0,12.2.1.0.0)	Active		Library	AdminServer_payments_pm_server1	Global		100
<input checked="" type="checkbox"/>	/adcf_oracle.domain(1.0,12.2.1.0.0)	Active		Library	AdminServer_payments_pm_server1	Global		100
<input checked="" type="checkbox"/>	/adcf_oracle.domain.webapp(1.0,12.2.1.0.0)	Active		Library	AdminServer_payments_pm_server1	Global		100
<input checked="" type="checkbox"/>	/coherence-transaction-rar	Active	✓ OK	Resource Adapter	AdminServer_payments_pm_server1	Global		100
<input checked="" type="checkbox"/>	/R CMS Application (12.2.1.0.0)	Active	✓ OK	Web Application	AdminServer_payments_pm_server1	Global		5
<input checked="" type="checkbox"/>	/R J2eeM	Active	✓ OK	Enterprise Application	AdminServer_payments	Global		400
<input checked="" type="checkbox"/>	/emagentsdkimplsrv_jar(12.4.12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
<input checked="" type="checkbox"/>	/emagentsdkimpl_jar(12.4.12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
<input checked="" type="checkbox"/>	/emagentsdk_jar(12.4.12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
<input checked="" type="checkbox"/>	/emajas	Active		Library	AdminServer_payments	Global		100
<input checked="" type="checkbox"/>	/emajcore	Active		Library	AdminServer_payments	Global		100
<input checked="" type="checkbox"/>	/emajcoreclient_jar	Active		Library	AdminServer_payments	Global		100
<input checked="" type="checkbox"/>	/emajcorecommon_jar	Active		Library	AdminServer_payments	Global		100
<input checked="" type="checkbox"/>	/emajcoreside_jar	Active		Library	AdminServer_payments	Global		100
<input checked="" type="checkbox"/>	/emajcorestdtsr_jar(11.2.0.1.0,12.1.0.0.0)	Active		Library	AdminServer_payments	Global		100
<input checked="" type="checkbox"/>	/emajcoretbs_jar	Active		Library	AdminServer_payments	Global		100
<input checked="" type="checkbox"/>	/emajcoresdme_jar(11.2.0.1.0,12.1.0.0.0)	Active		Library	AdminServer_payments	Global		100
<input checked="" type="checkbox"/>	/emajcoresdk_jar(11.2.0.1.0,12.1.0.0.0)	Active		Library	AdminServer_payments	Global		100
<input checked="" type="checkbox"/>	/emajcore_jar	Active		Library	AdminServer_payments	Global		100
<input checked="" type="checkbox"/>	/emaj_common(12.4.12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100

5. Click 'Install' button.

The following screen is displayed:

**ORACLE WebLogic Server® Administration Console**

Home Log Out Preferences Record Help Welcome, weblogic Connected to: FCUBS11  
Home > Summary of Deployments

### 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: D:\

**Recently Used Paths:** (none)

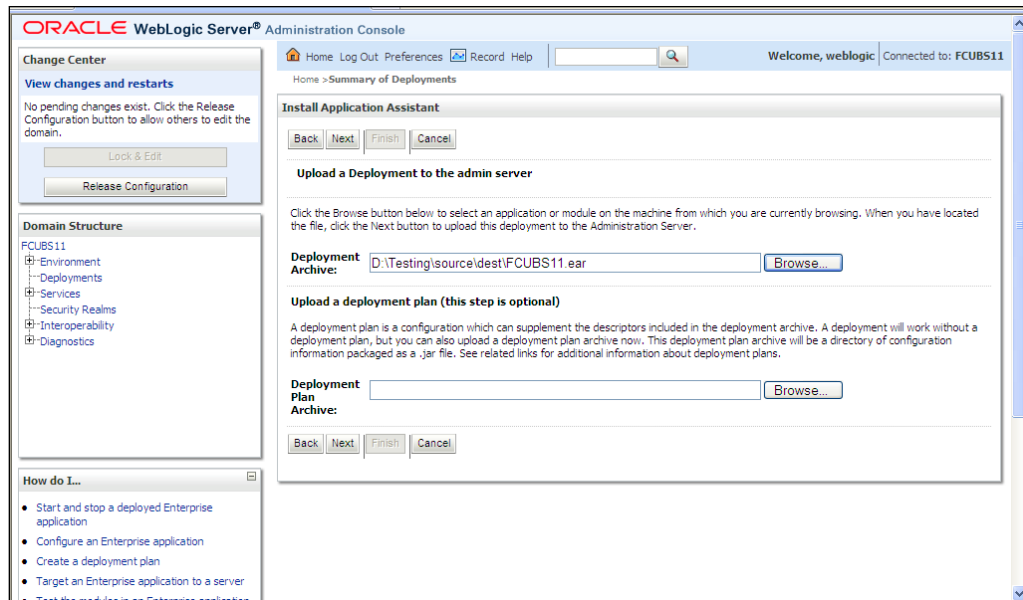
**Current Location:** ddhp0520.i-flex.com \D:

- 11.0
- 9NT1272
- APPOINT SOFTWARE SOLUTIONS
- backup
- bea
- bealig
- bea\_100
- BrdBgs
- ClearCase
- CRC
- Desktop
- Documents and Settings

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

7. Click 'Next'.

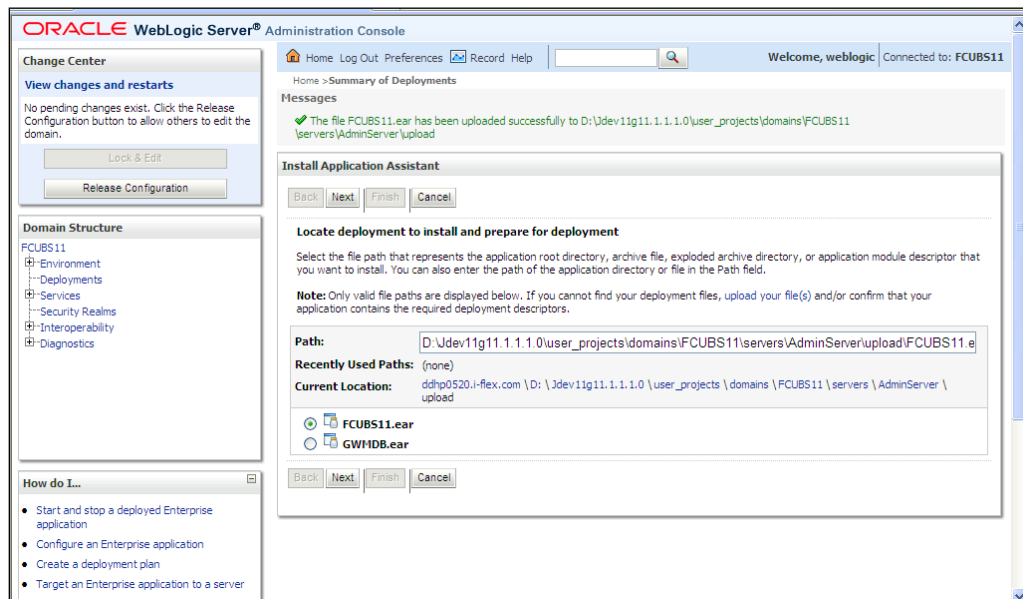
The following screen is displayed:



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

9. Click 'Next'.

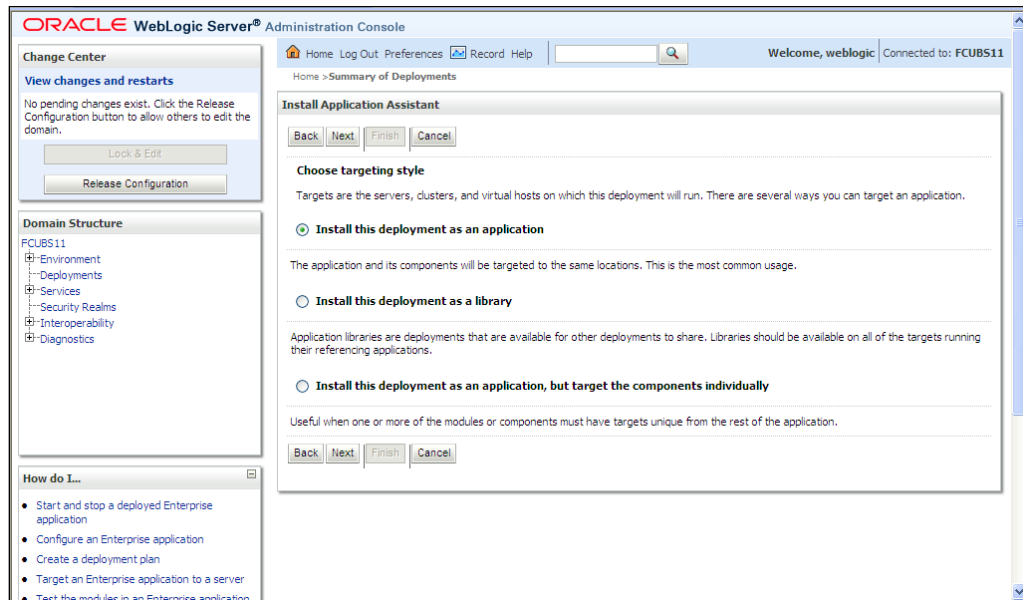
The following screen is displayed.



10. Select the application FCUBS EAR from the list.

11. Click 'Next'.

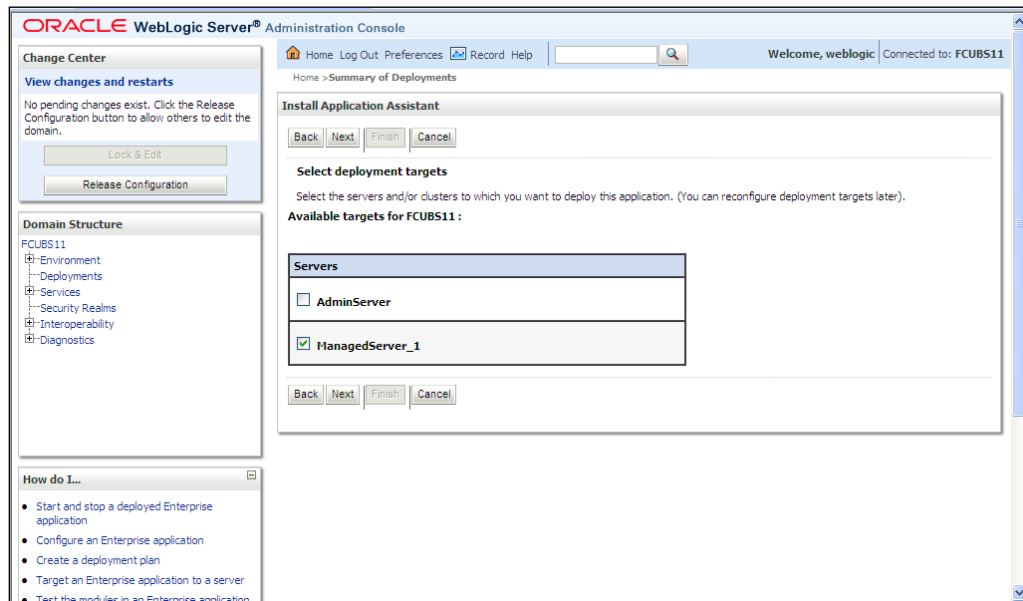
The following screen is displayed:



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

13. Click 'Next'.

The following screen is displayed

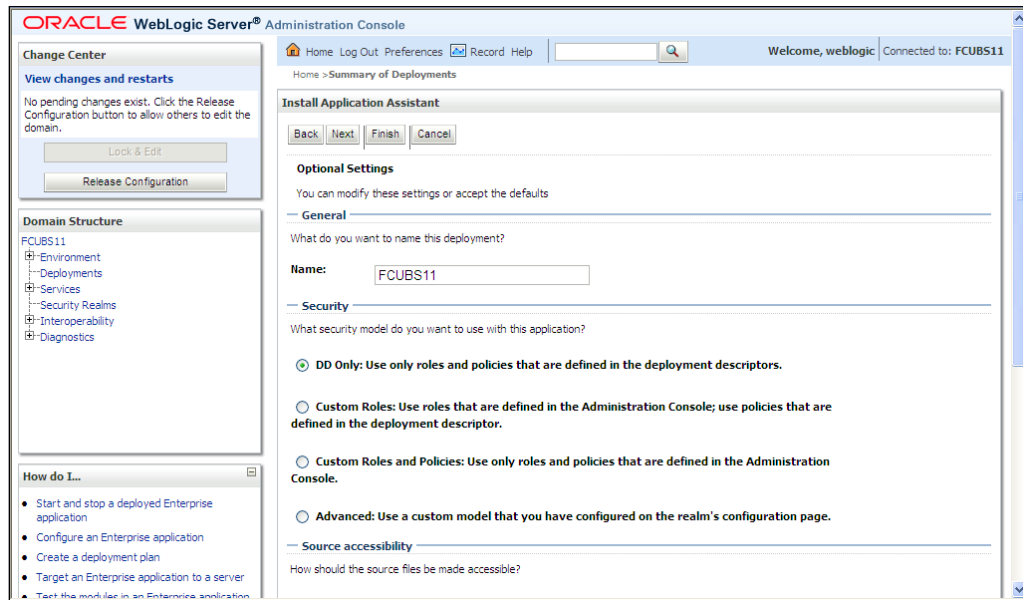


14. Select the target of the application. You can choose the server 'AdminServer' or 'Managed Server(s)'.

15. Click 'Next'.

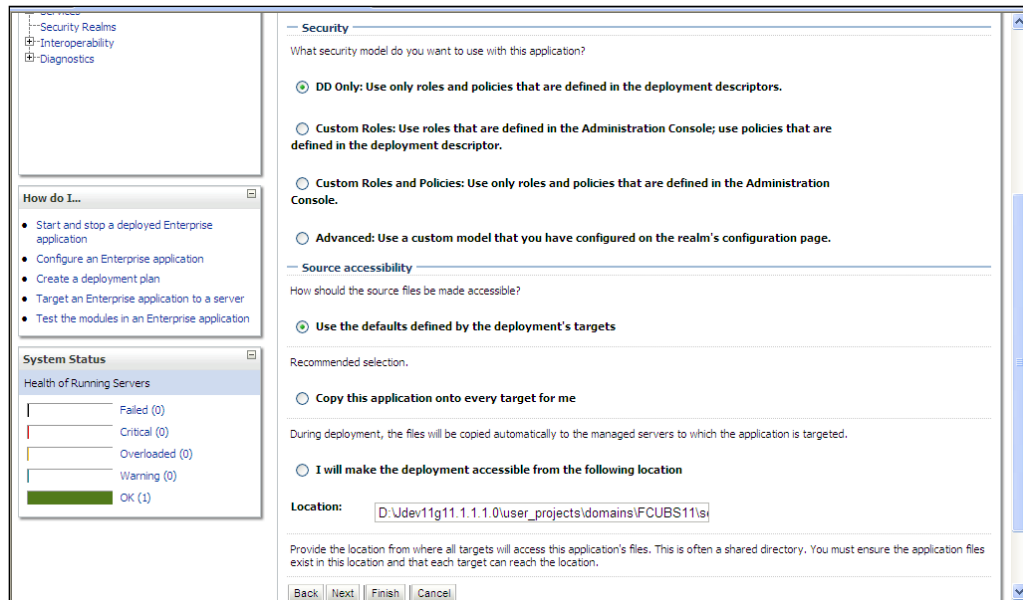
The following screen appears.





16. Check the deployment name.

The remaining portion of the screen is shown below:



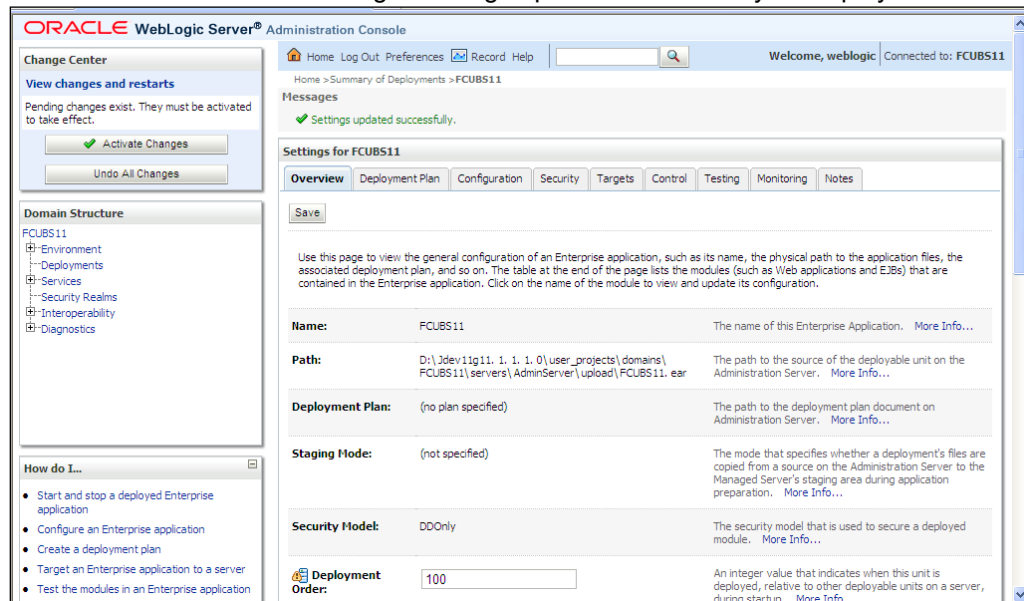
17. Check whether the deployment location is accessible or not.

The following screen is displayed.

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

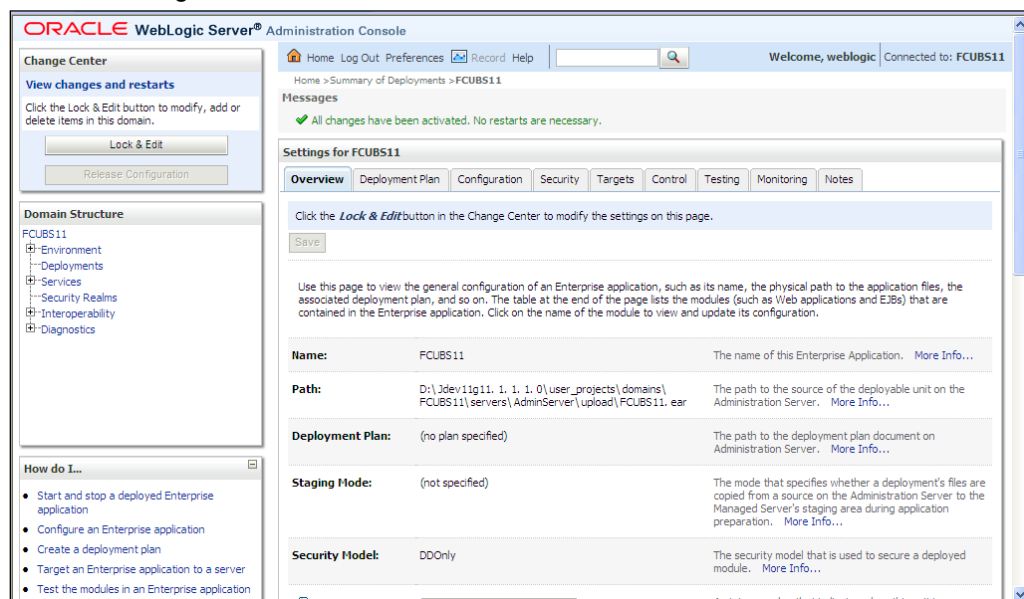
Change **Deployment Order** to **400** if the application includes **BPMN plug-in**.

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

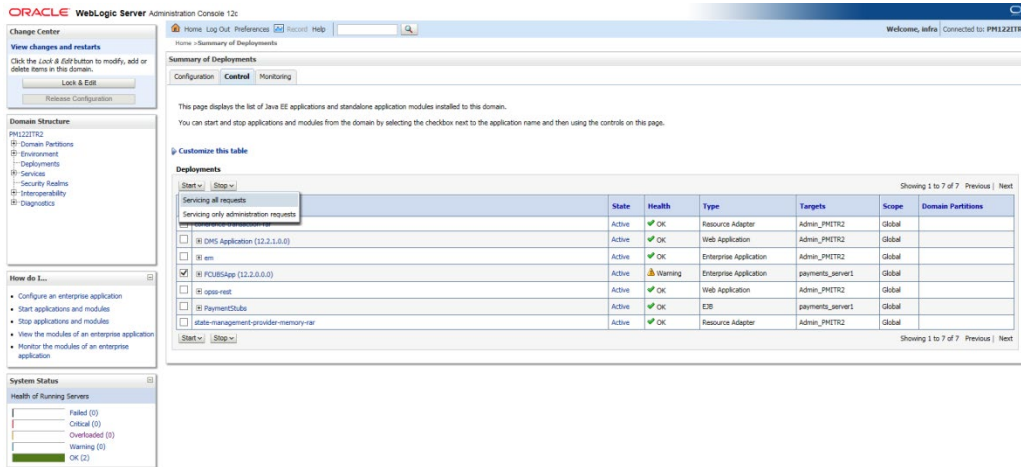


20. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

The screen is given below:

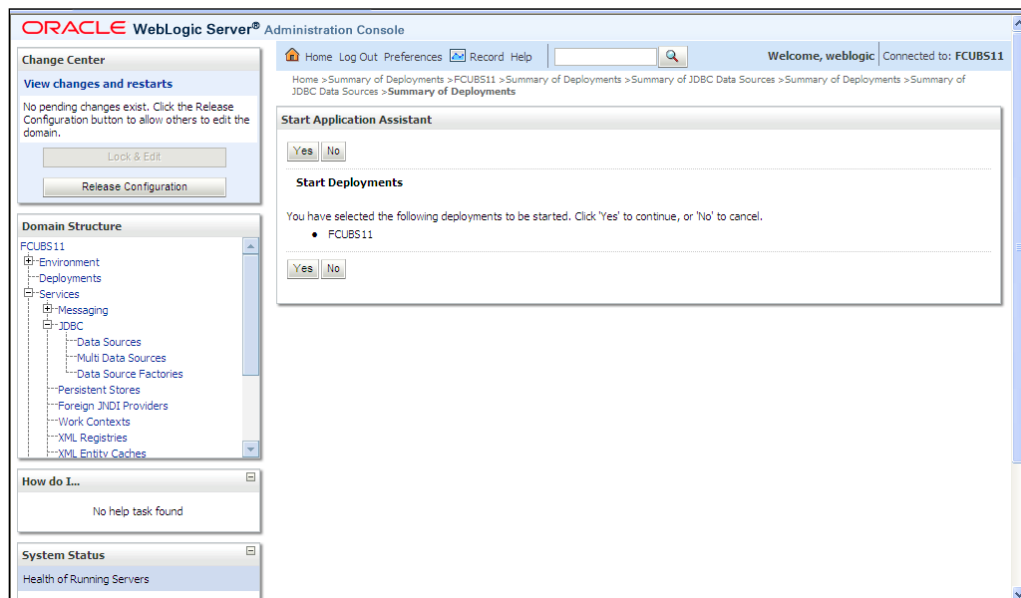


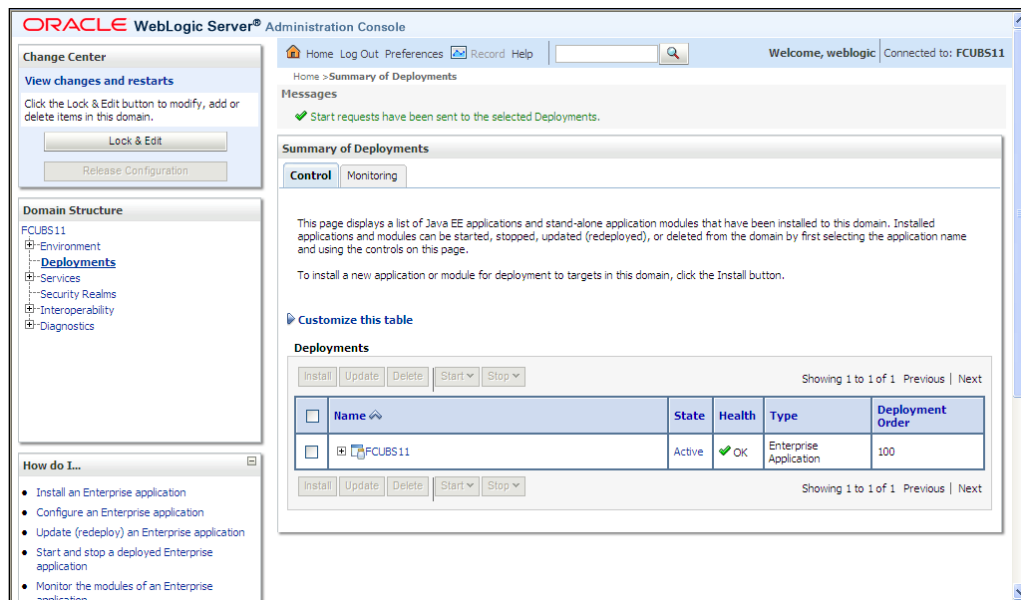
21. Click 'Deployment' on the left pane. Switch to Control tab .The following screen is displayed.



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.

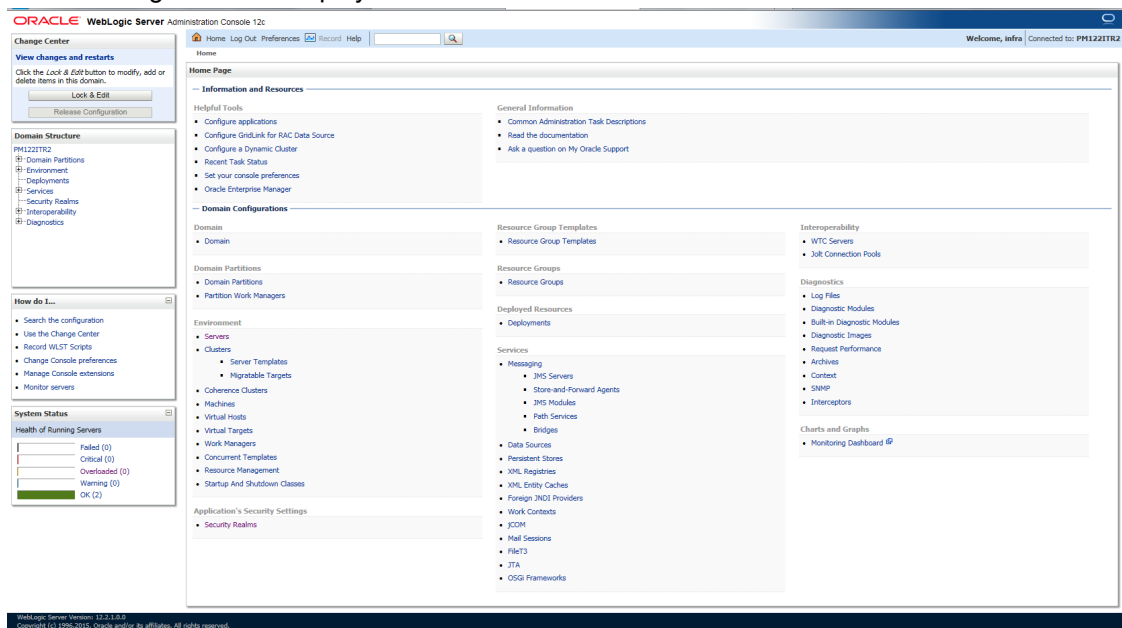
1. Launch Administrative Console of WebLogic application server. You can launch this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.  
Eg: <http://10.10.10.10:1001/console>

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'.

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

**Summary of Deployments**

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**

Install	Update	Delete	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-war	Active	OK	Resource Adapter	AdminServer_payments, pm_server1	Global		100
<input type="checkbox"/>			OMS 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"/>			emagentbdiimplpriv_jar(12.4,12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
<input type="checkbox"/>			emagentbdiimpl_jar(12.4,12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
<input type="checkbox"/>			emagentbdi_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"/>			emcoresdk_jar(11.2.0.1.0,12.1.0.0.0)	Active		Library	AdminServer_payments	Global		100
<input type="checkbox"/>			emcoresdk_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_rpc_pop_jar	Active		Library	AdminServer_payments	Global		100

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

**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:** D:\

**Recently Used Paths:** (none)

**Current Location:** ddhp0520.i-flex.com \D:

- 11.0
- 9NT 1272
- APPOINT SOFTWARE SOLUTIONS
- backup
- bea
- bea11g
- bea\_100
- BrdBgs
- ClearCase
- CRC
- Desktop
- Documents and Settings

- 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. On the left, there are three panels: 'Change Center' with 'View changes and restarts' and 'Release Configuration' buttons; 'Domain Structure' showing a tree view with 'PM1221TR2' selected; and 'System Status' showing 'Health of Running Servers' with a bar chart indicating 'OK (2)'. The main area is titled 'Install Application Assistant' and contains the following content:

Home Log Out Preferences Record Help

Home > Summary of Deployments

Back Next Finish Cancel

**Choose installation type and scope**

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

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

☒ **Install this deployment as an application**

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

☐ **Install this deployment as a library**

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

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

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

Scope: Global

Back Next Finish Cancel

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

13. Click 'Next'.

The following screen is displayed

The screenshot shows the Oracle WebLogic Server Administration Console. On the left, there are three panels: 'Change Center' with 'View changes and restarts' and 'Release Configuration' buttons; 'Domain Structure' showing a tree view with 'PM1221TR2' selected; and 'System Status' showing 'Health of Running Servers' with a bar chart indicating 'OK (2)'. The main area is titled 'Select deployment targets' and contains the following content:

Home Log Out Preferences Record Help

Home > Summary of Deployments

Back Next Finish Cancel

**Select deployment targets**

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

**Available targets for GWEJB :**

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

Back Next Finish Cancel

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.

**ORACLE WebLogic Server Administration Console 12c**

Home > Summary of Deployments > Summary of JDBC Data Sources > Summary of Deployments

Welcome, weblogic Connected to: FCAPACK125

**Change Center**

View changes and restarts

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

Lock & Edit  
Release Configuration

**Domain Structure**

FCAPACK125

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

**How do I...?**

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

**System Status**

Health of Running Servers as of 2:13 AM

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

**Install Application Assistant**

Back Next Finish Cancel

**Optional Settings**

You can modify these settings or accept the defaults.

\* Indicates required fields

**General**

What do you want to name this deployment?

\* Name: GWEJB

**Security**

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

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

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

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

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

**Source Accessibility**

How should the source files be made accessible?

☒ Use the defaults defined by the deployment's targets

Recommended selection.

☐ Copy this application onto every target for me

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

☐ I will make the deployment accessible from the following location

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

Provide the location from where all targets will access this application's files. This is often a shared directory. You must ensure the application files exist in this location and that each target can reach the location.

**Plan Source Accessibility**

How should the plan source files be made accessible?

☒ Use the same accessibility as the application

Recommended selection.

☐ Copy this plan onto every target for me

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

☐ Do not copy this plan to targets

You must ensure the plan files exist in the shared location and that each target can reach the location.

Back Next Finish Cancel

## 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 2:13 AM

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

**General**

What do you want to name this deployment?

\* Name: GWEJB

**Security**

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

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

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

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

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

**Source Accessibility**

How should the source files be made accessible?

☒ Use the defaults defined by the deployment's targets

Recommended selection.

☐ Copy this application onto every target for me

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

☐ I will make the deployment accessible from the following location

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

Provide the location from where all targets will access this application's files. This is often a shared directory. You must ensure the application files exist in this location and that each target can reach the location.

**Plan Source Accessibility**

How should the plan source files be made accessible?

☒ Use the same accessibility as the application

Recommended selection.

☐ Copy this plan onto every target for me

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

☐ Do not copy this plan to targets

You must ensure the plan files exist in the shared location and that each target can reach the location.

Back Next Finish Cancel

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/PM1221TR2/servers/Admin\_PM1221TR2/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:** DDOOnly: 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)

**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 resor template. [More Info...](#)

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

**Path:** /scratch/app/fmw122/Oracle/user\_projects/domains/PM1221TR2/servers/Admin\_PM1221TR2/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 Serv 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 Administ Managed Server's staging area during application preparation. [More Info...](#)

**Security Model:** DDOOnly 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 an and shutdown. This principal will be used to set the current subject when calling out into as interfaces such as ApplicationLifecycleListener. If no principal name is specified, then the is will be used. [More Info...](#)

Save

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

Name
GWEJB (12.2.0.0.0)
<ul style="list-style-type: none"> <li>PCManProcEB</li> <li>PCSnRouterEB</li> <li>GWEJB</li> </ul>

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

The screenshot shows the Oracle WebLogic Server Administration Console. The left pane contains the 'Change Center' with a message 'Pending changes exist. They must be activated to take effect.' and buttons for 'Activate Changes' and 'Undo All Changes'. Below this is the 'Domain Structure' tree and a 'How do I...' section. The main pane displays the 'Settings for GWEJB(12.2.0.0.0)' page. The 'Overview' tab is selected, showing a table of configuration settings. A message at the top of the main pane states 'Settings updated successfully'.

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:

The screenshot shows the Oracle WebLogic Server Administration Console. The left pane contains the 'Change Center' with a message 'Click the Lock & Edit button to modify, add or delete items in this domain.' and buttons for 'Lock & Edit' and 'Release Configuration'. Below this is the 'Domain Structure' tree and a 'How do I...' section. The main pane displays the 'Settings for GWEJB(12.2.0.0.0)' page. The 'Overview' tab is selected, showing a table of configuration settings. A message at the top of the main pane states 'All changes have been activated. No restarts are necessary'.

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

**ORACLE WebLogic Server Administration Console 12c**

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

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

	State	Health	Type	Targets	Scope	Domain Partition
Servicing all requests	Active	OK	Resource Adapter	Admin_PMTTR2	Global	
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"/> PaymentStubs	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

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

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

The following screen is displayed.

**ORACLE WebLogic Server Administration Console 12c**

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

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...**  
No task help found.

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

**Start Application Assistant**  
Yes No

**Start Deployments**  
You have selected the following deployments to be started. Click 'Yes' to continue, or 'No' to cancel.  
GWEJB(12.2.0.0.0)  
Yes No

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

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

**Oracle WebLogic Server Administration Console 12c**

Home Log Out: Preferences Record Help

Welcome, infra Connected to: PM1221TR2

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-rar	Active	OK	Resource Adapter	Admin_PM1TR2	Global	
<input type="checkbox"/> DMS Application (12.2.1.0.0)	Active	OK	Web Application	Admin_PM1TR2	Global	
<input type="checkbox"/> em	Active	OK	Enterprise Application	Admin_PM1TR2	Global	
<input type="checkbox"/> FCLB5App (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"/> ipay-rest	Active	OK	Web Application	Admin_PM1TR2	Global	
<input type="checkbox"/> PaymentStub	Active	OK	ESB	payments_server1	Global	
<input type="checkbox"/> state-management-provider-memory-rar	Active	OK	Resource Adapter	Admin_PM1TR2	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  
Copyright (c) 1996, 2010, Oracle and/or its affiliates. All rights reserved.  
Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

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  
[February] [2024]  
Version 14.7.3.0.0

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

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

Copyright © [2007], [2024], Oracle and/or its affiliates. All rights reserved.

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

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

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

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

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

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