

Deploying Oracle FLEXCUBE Application on WebLogic
Oracle Banking Corporate Lending
Release 14.7.0.0.0
Part No. F72087-01
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1. Deploying Oracle FLEXCUBE on WebLogic

1.1 Introduction

This chapter explains the steps to deploy Oracle FLEXCUBE UBS application into Oracle WebLogic application server in centralized and decentralized modes. In centralized mode, branch and host are setup in a single PC. In decentralized mode, branch and host are setup in different PCs.

1.2 Building Application

For building Oracle FLEXCUBE Application in centralized and decentralized modes, refer to the following chapters.

1.2.1 Building Application in Centralized Mode

Refer to the chapter 'Building Application in Centralized Mode'. This includes the following details:

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

1.2.2 Building Application in Decentralized Mode

Refer to the chapter 'Building Application in Decentralized Mode'. This includes the following details:

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

1.3 Deploying Application in Oracle WebLogic

This section explains the method of deploying Oracle FLEXCUBE Application into Oracle WebLogic application server.

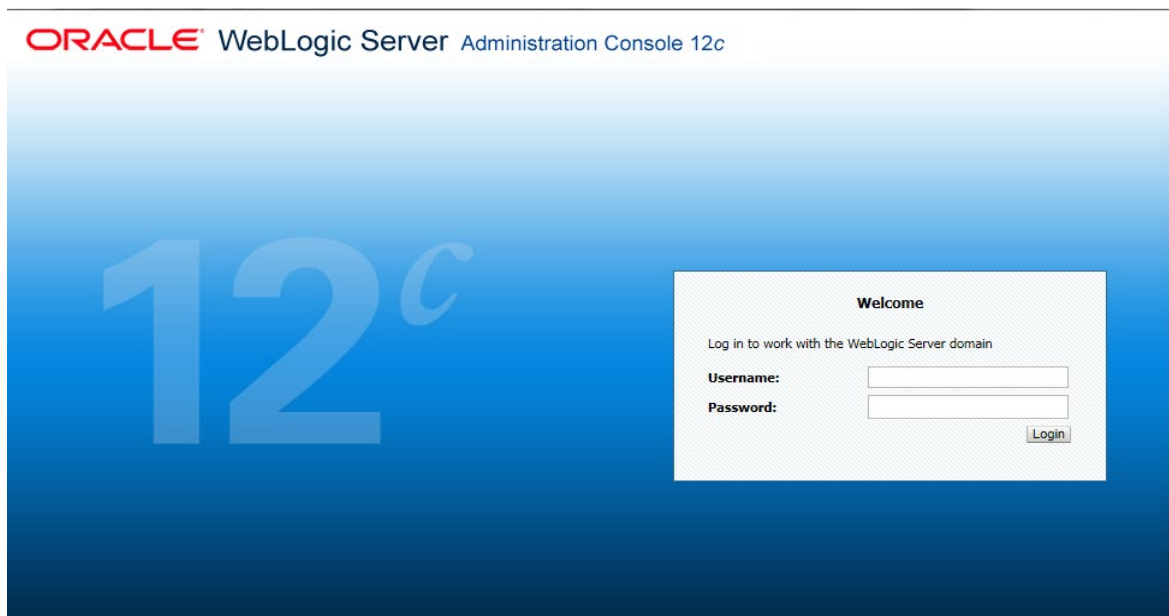
1.3.1 Deploying Integration Adapter EAR from WebLogic Administration Console

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

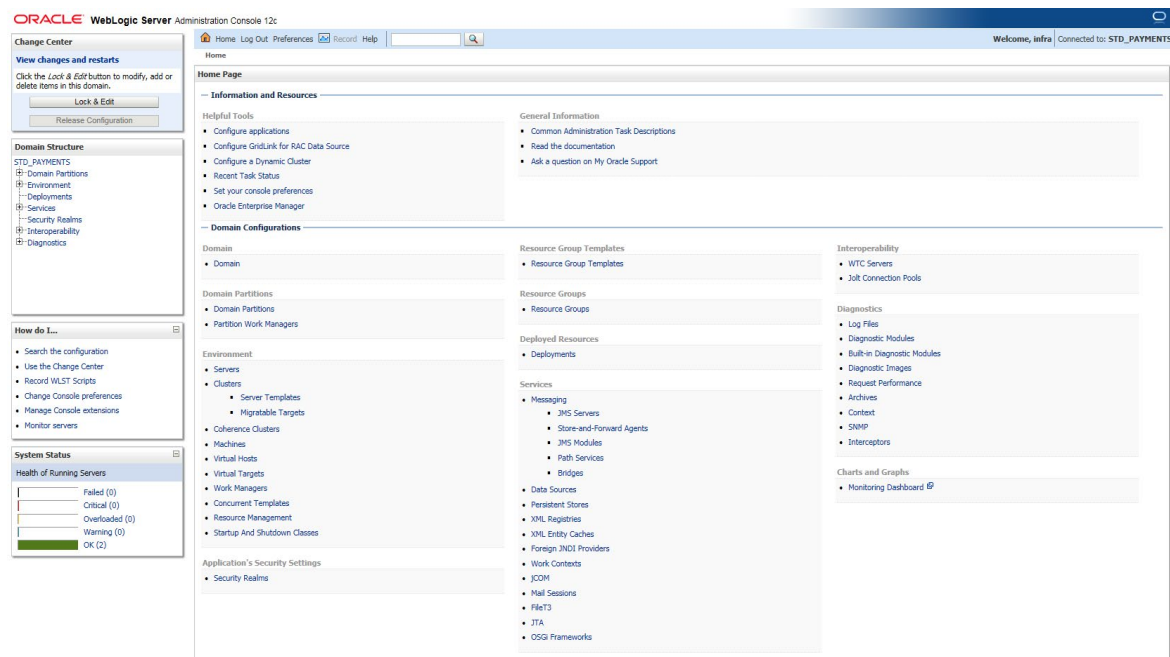
1. Start the Administrative Console of WebLogic application server. You can start this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.

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

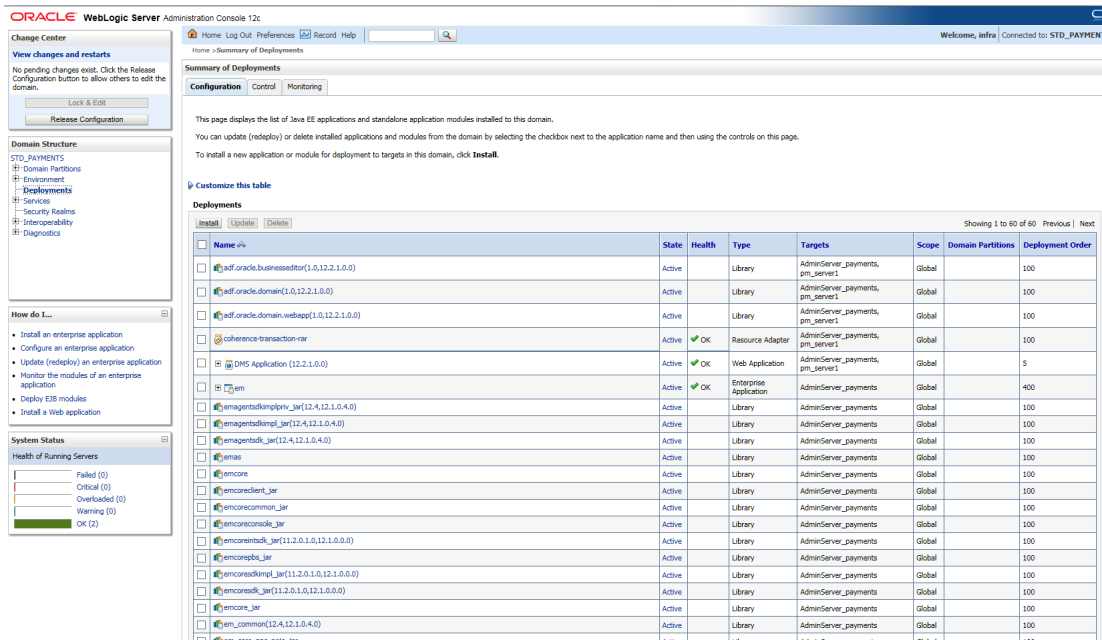
The following screen is displayed:



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

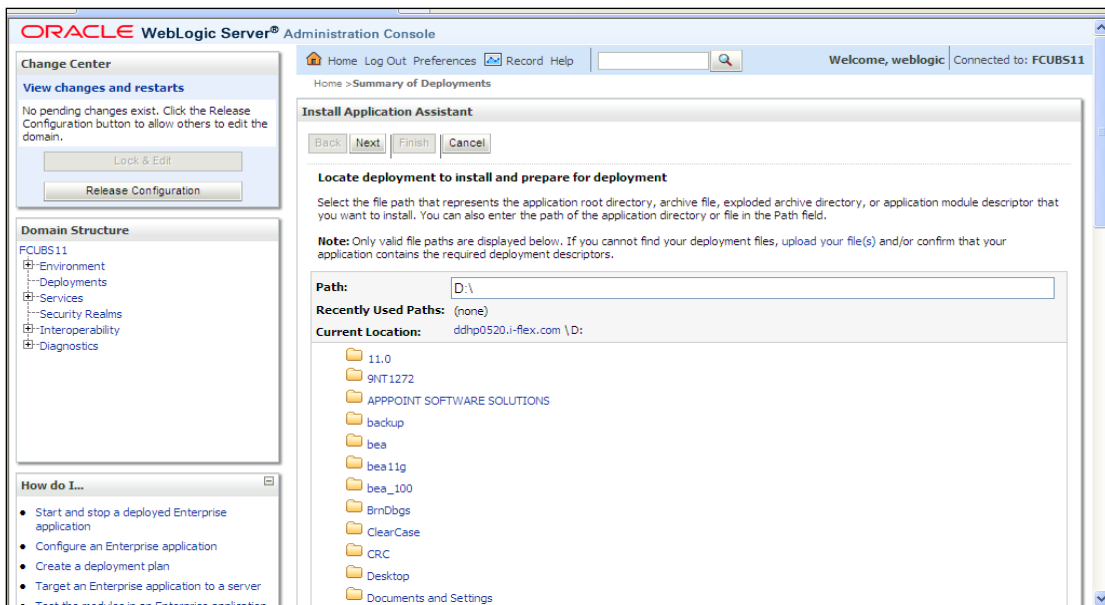


- You need to deploy an Integration adapter EAR. For e.g. 'OBACLExtAdapter.ear' or 'ExtAdapter.ear'. Go to 'Deployment'.
- Click 'Lock & Edit' button to enable the buttons. This action enables the buttons.



5. Click 'Install' button.

The following screen is displayed:

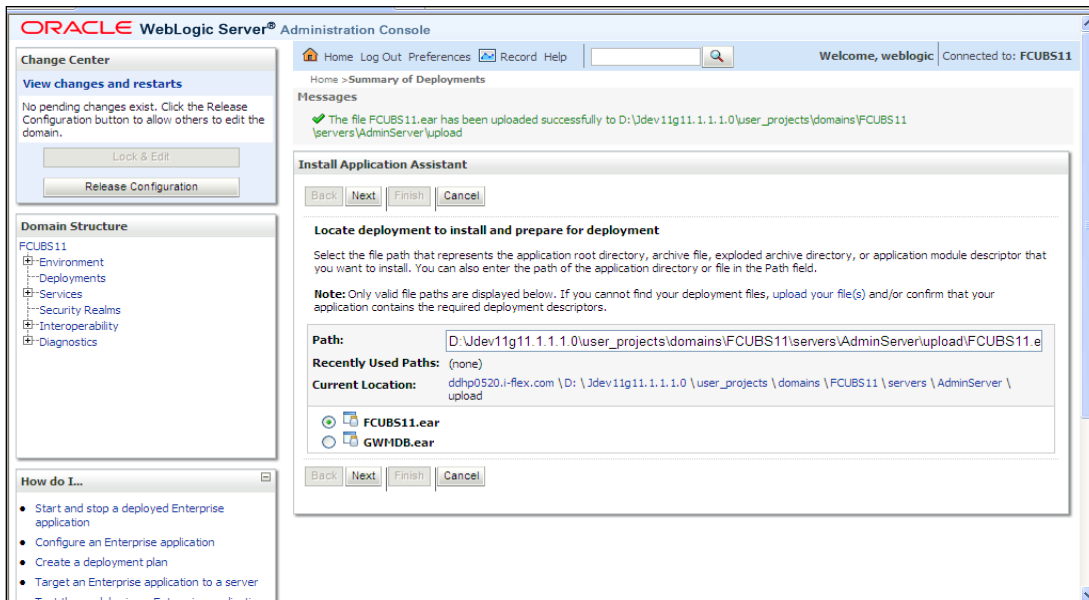


6. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.

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

8. Click 'Next'.

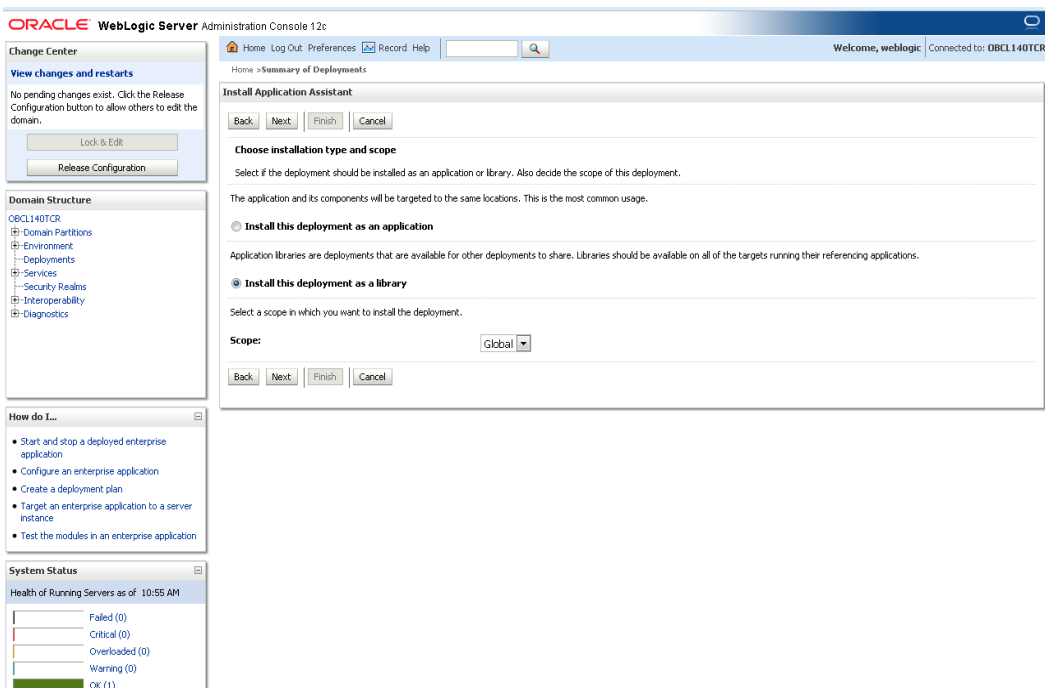
The following screen is displayed.



9. Select the application Adapter EAR from the list.

10. Click 'Next'.

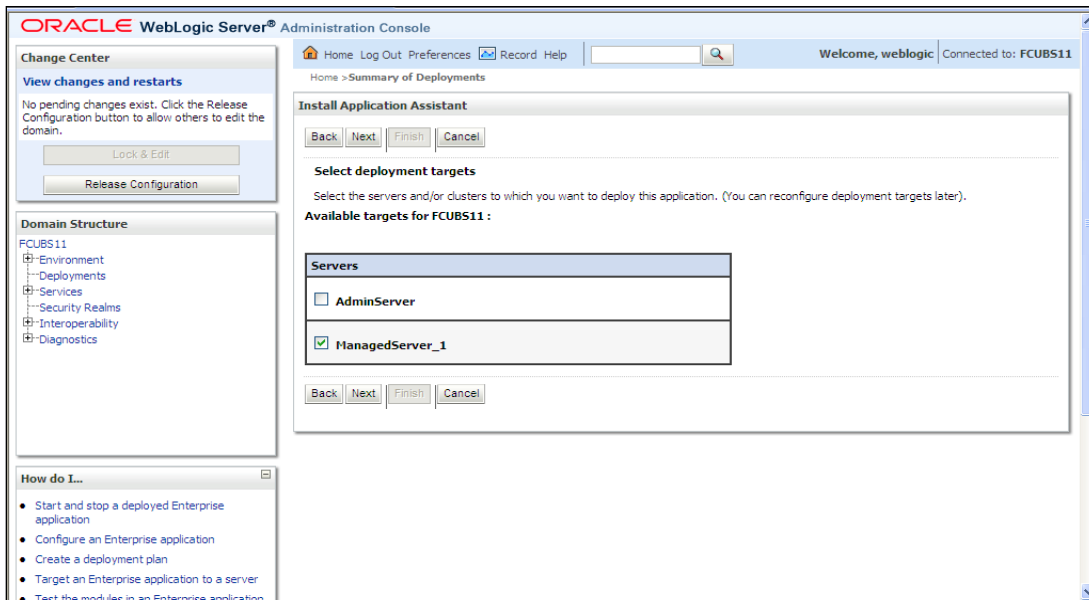
The following screen is displayed.



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

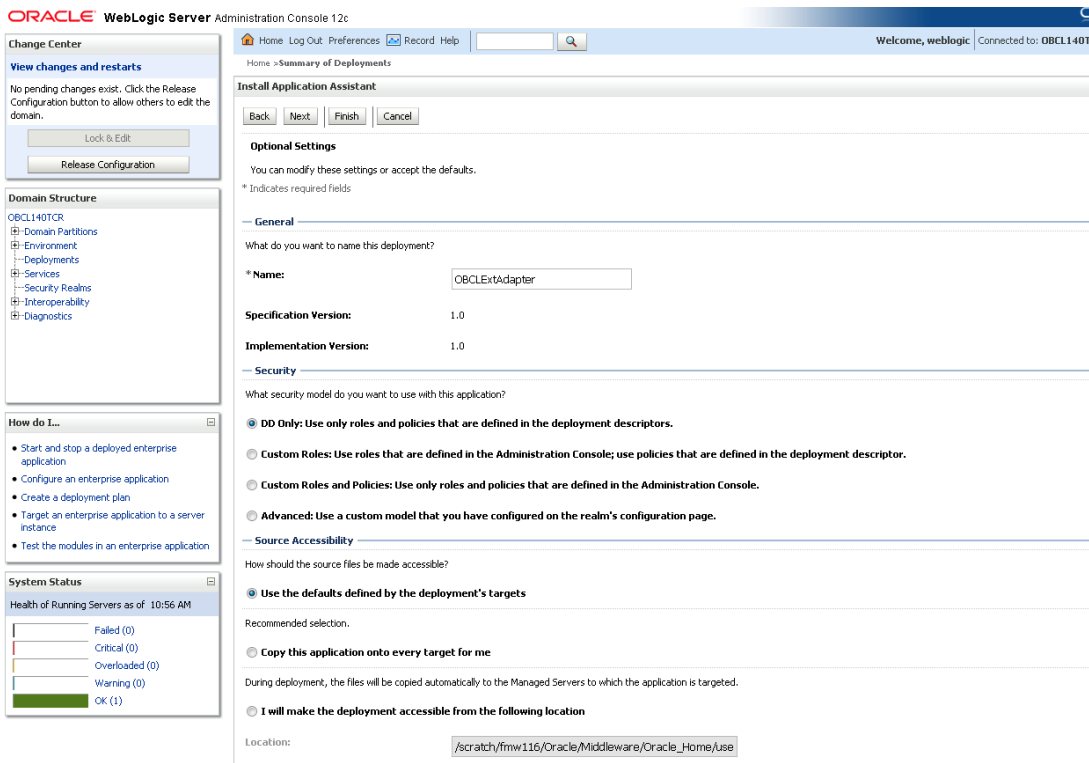
12. Click 'Next'.

The following screen is displayed.



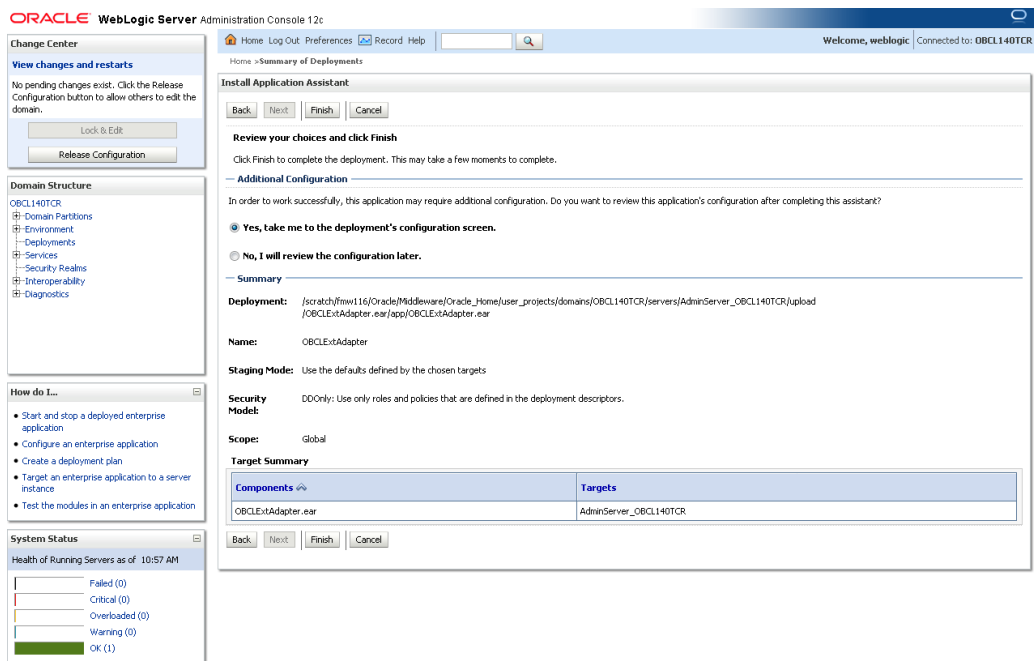
13. Select the target of the application. You can choose the server 'AdminServer' or 'Managed Server(s)'.

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



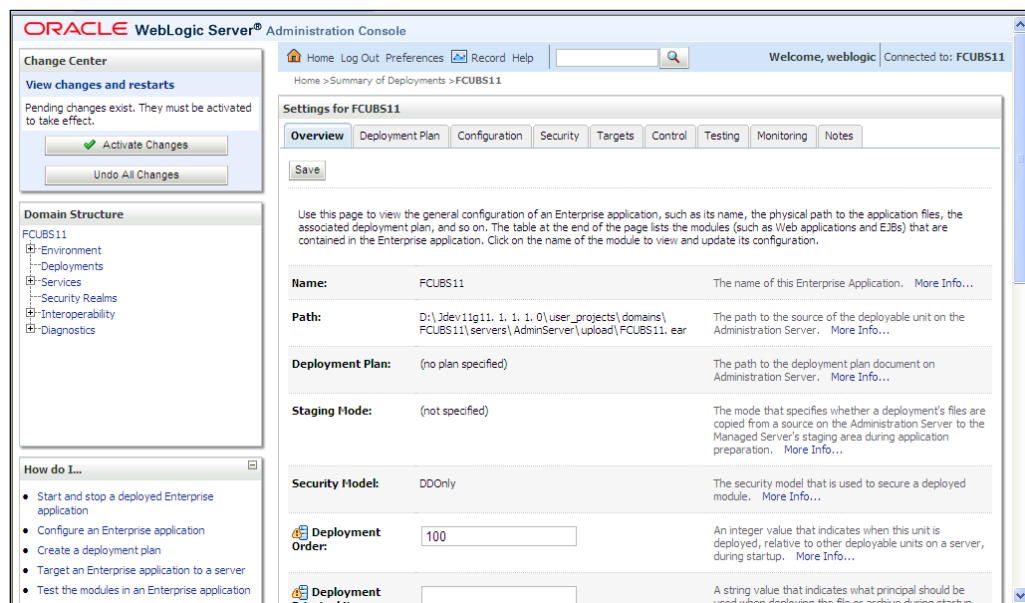
15. Check the deployment name.

The remaining portion of the screen is shown below:



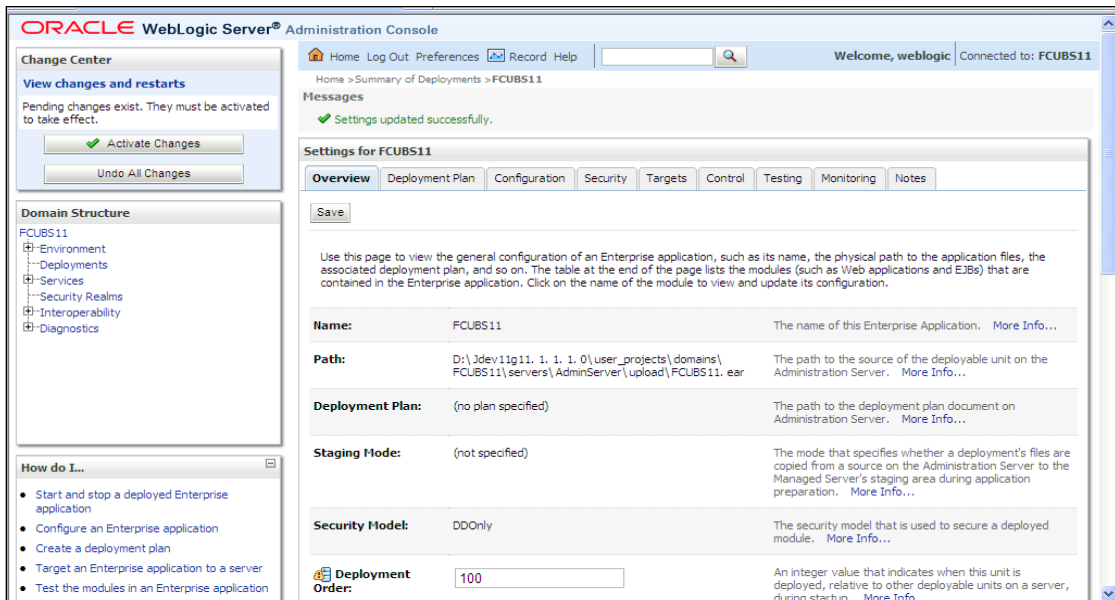
16. Click 'Finish' button.

The following screen is displayed.



17. Click 'Save' button.

The message 'Settings updated successfully' is displayed.



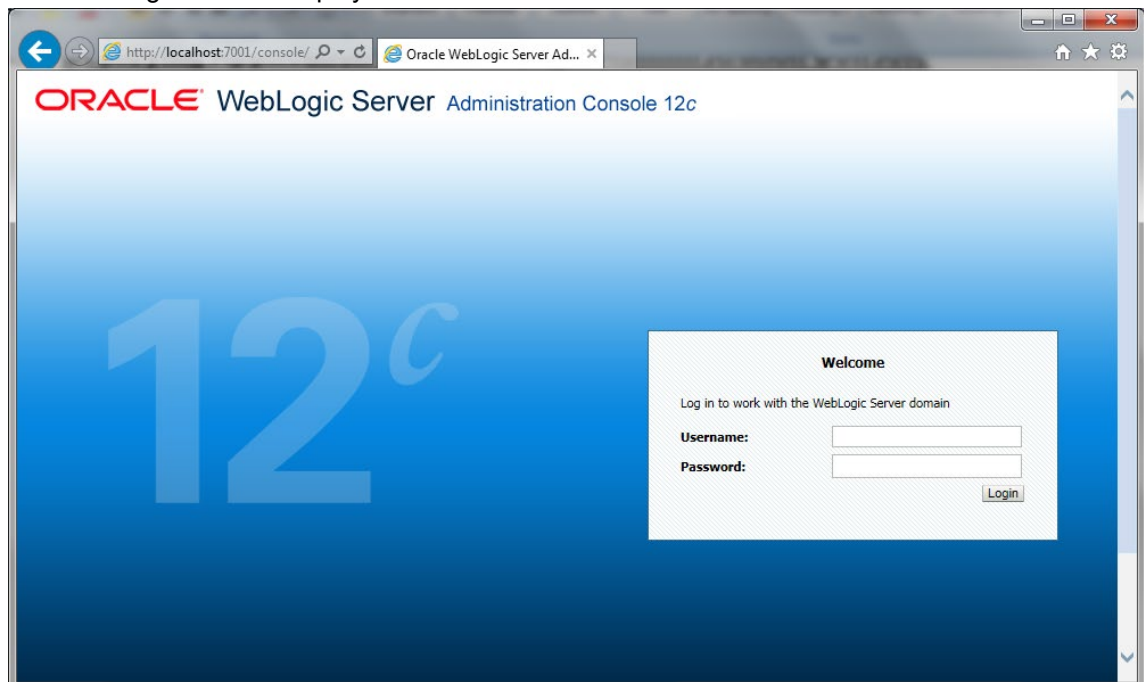
18. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

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>

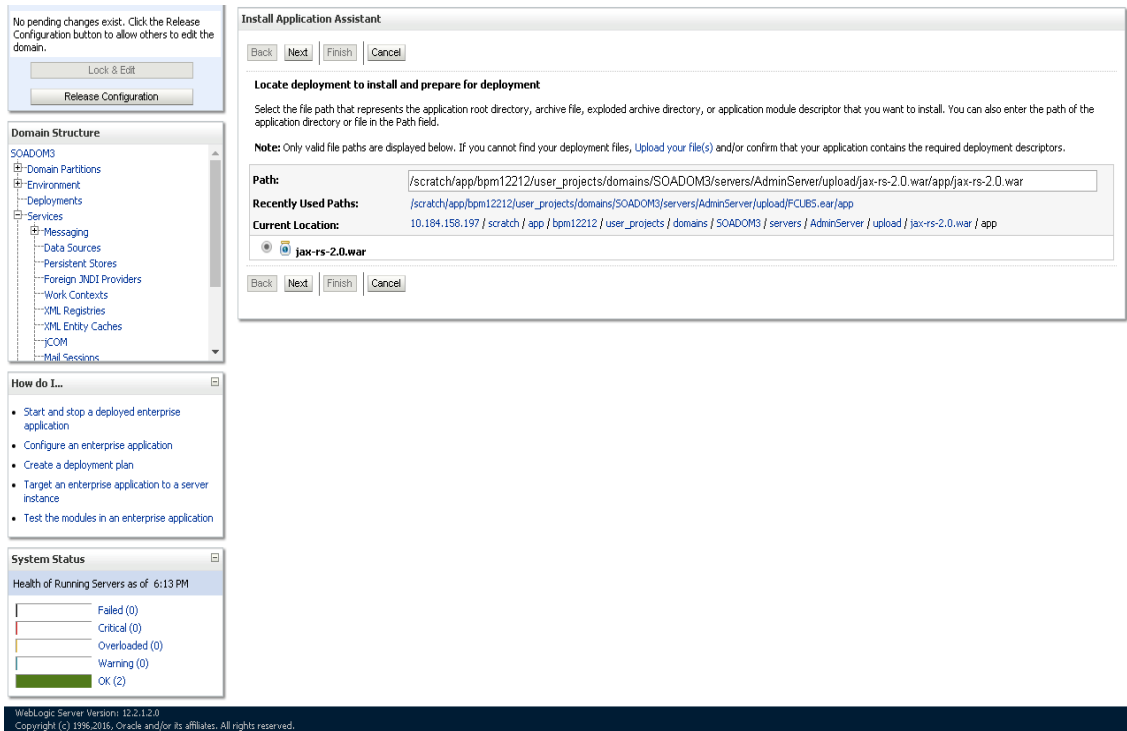
The following screen is displayed:



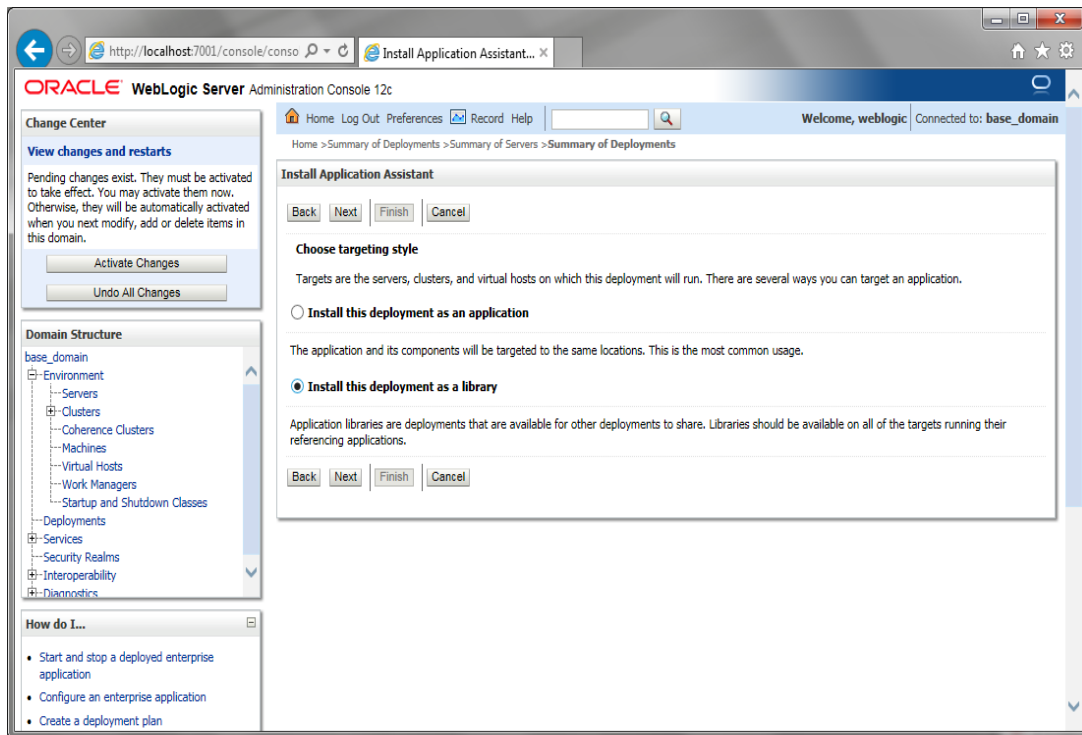
- Specify the WebLogic administrator user name and password. Click 'Log In'.

The following screen is displayed:

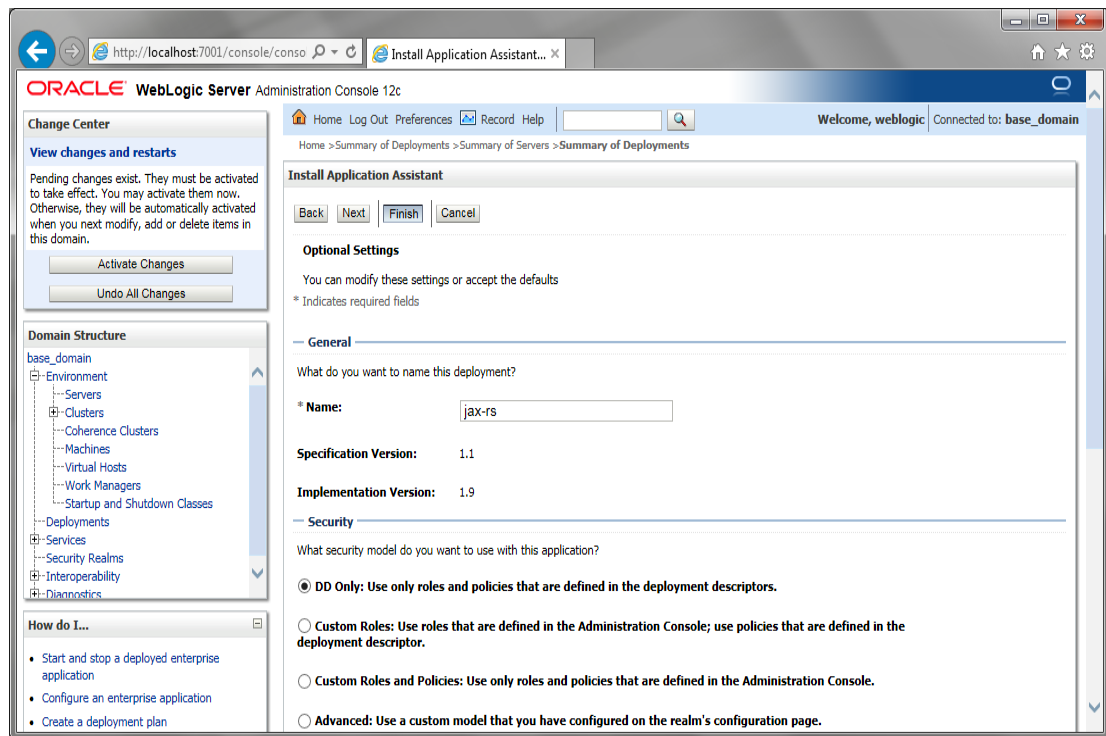
- Click Install button.



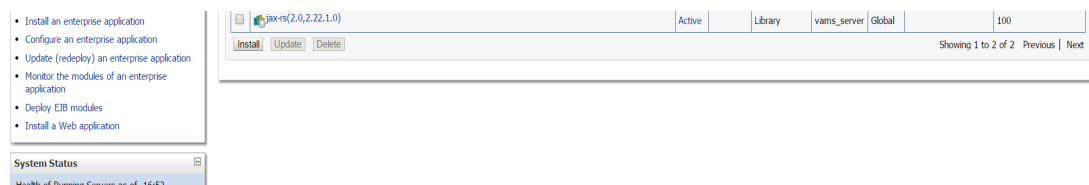
4. Navigate and select jersey bundle under the path "*w\server\common\deployable-libraries\jax-rs-2.0.war*" and click next.



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.

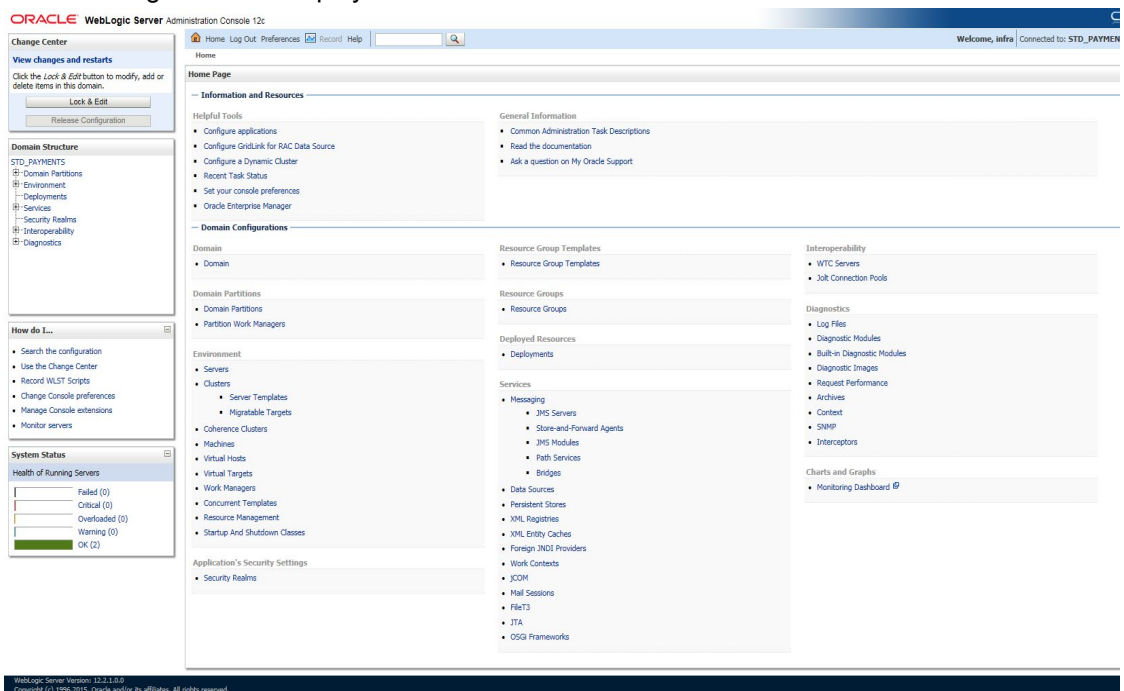
1. Start the Administrative Console of WebLogic application server. You can start this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.
Eg: <http://10.10.10.10:1001/console>

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

How do I...

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

System Status

Health of Running Servers

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

Summary of Deployments

[Configuration] [Control] [Monitoring]

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

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

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

» Customize this table

Deployments

[Install] [Update] [Delete]

Showing 1 to 60 of 60 Previous | Next

☐	Name ↕	State	Health	Type	Targets	Scope	Domain Partitions	Deployment Order
☒	/adf.oracle.businessesoft(10.12.2.1.0.0)	Active		Library	AdminServer_payments_pm_server1	Global		100
☒	/adf.oracle.domain(10.12.2.1.0.0)	Active		Library	AdminServer_payments_pm_server1	Global		100
☒	/adf.oracle.domain.webapp(10.12.2.1.0.0)	Active		Library	AdminServer_payments_pm_server1	Global		100
☒	/coherence-transaction-rar	Active	✓ OK	Resource Adapter	AdminServer_payments_pm_server1	Global		100
☒	/R CMS Application (12.2.1.0.0)	Active	✓ OK	Web Application	AdminServer_payments_pm_server1	Global		5
☒	/R Jem	Active	✓ OK	Enterprise Application	AdminServer_payments	Global		400
☒	/emagentsdkimplsrv_jar(12.4.12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
☒	/emagentsdkimpl_jar(12.4.12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
☒	/emagentsdk_jar(12.4.12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
☒	/emas	Active		Library	AdminServer_payments	Global		100
☒	/emecore	Active		Library	AdminServer_payments	Global		100
☒	/emecoreclient_jar	Active		Library	AdminServer_payments	Global		100
☒	/emecorecommon_jar	Active		Library	AdminServer_payments	Global		100
☒	/emecoreside_jar	Active		Library	AdminServer_payments	Global		100
☒	/emecorestdtsrj(11.2.0.1.0.12.1.0.0.0)	Active		Library	AdminServer_payments	Global		100
☒	/emecoretpbs_jar	Active		Library	AdminServer_payments	Global		100
☒	/emecoresdme_jar(11.2.0.1.0.12.1.0.0.0)	Active		Library	AdminServer_payments	Global		100
☒	/emecoresdk_jar(11.2.0.1.0.12.1.0.0.0)	Active		Library	AdminServer_payments	Global		100
☒	/emcore_jar	Active		Library	AdminServer_payments	Global		100
☒	/em_common(12.4.12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100

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

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

FCUBS11

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

How do I...

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

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:\

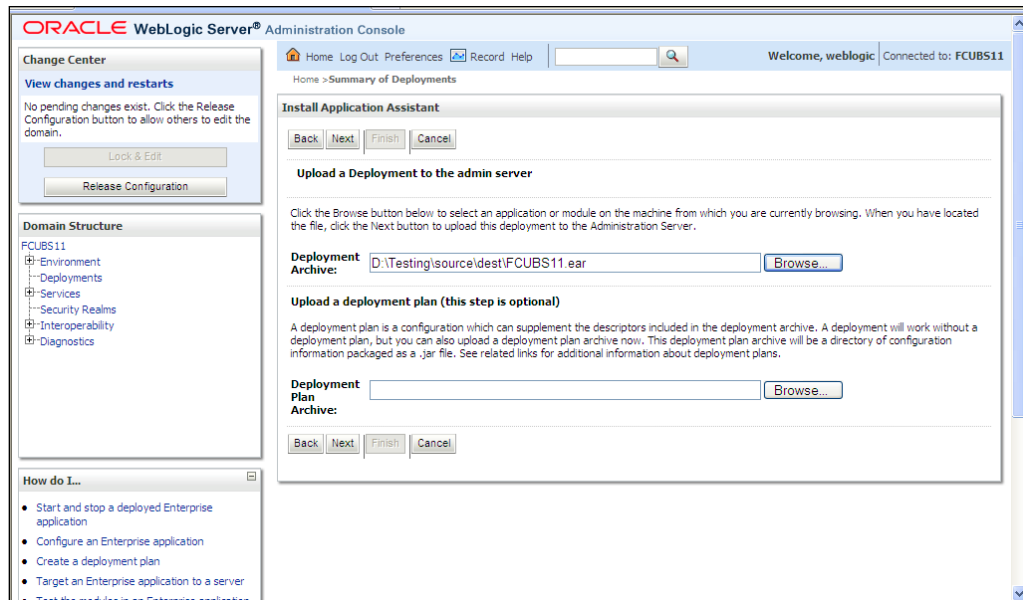
Recently Used Paths: (none)

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

- 11.0
- 9NT1272
- APPOINT SOFTWARE SOLUTIONS
- backup
- bea
- bea1ig
- bea_100
- BrnDbgs
- 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'.

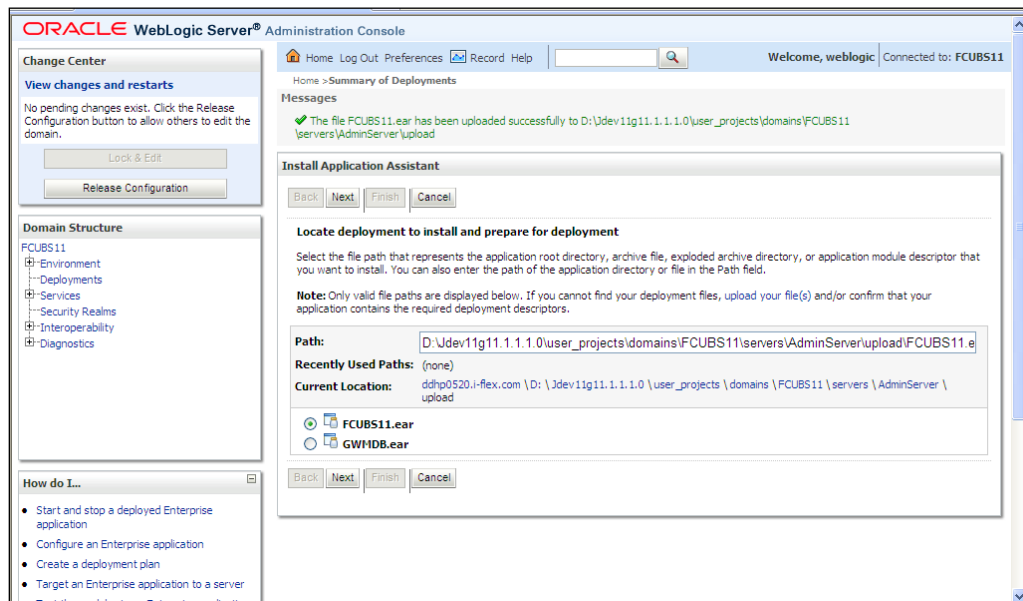
The following screen is displayed:



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

9. Click 'Next'.

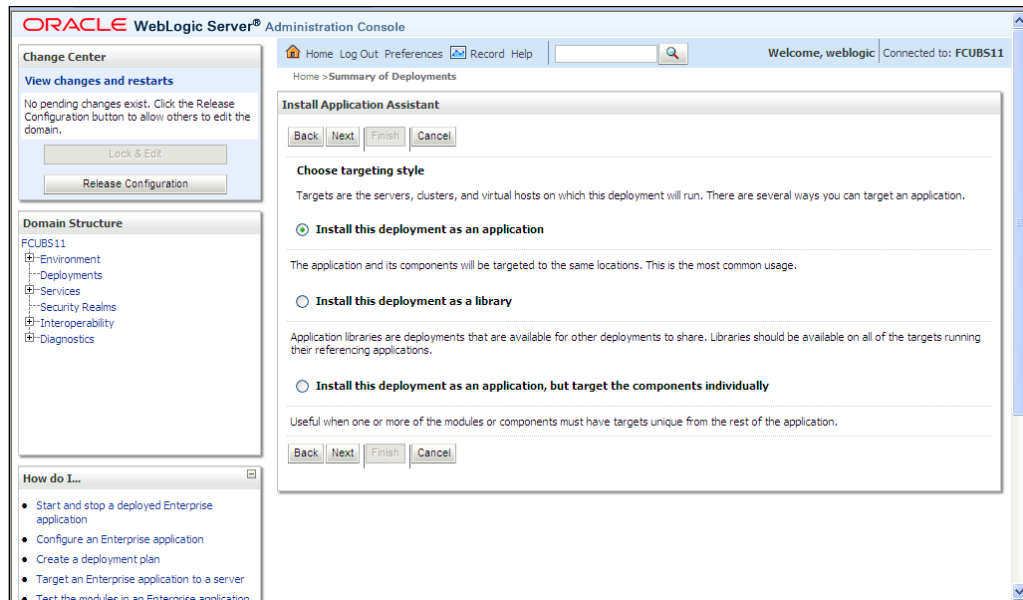
The following screen is displayed.



10. Select the application FCUBS EAR from the list.

11. Click 'Next'.

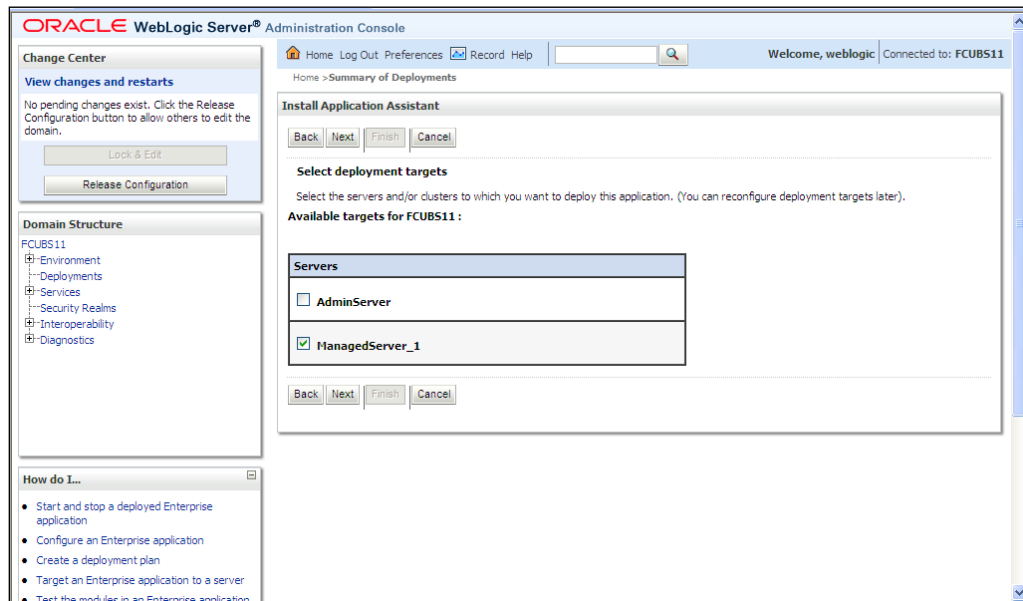
The following screen is displayed:



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

13. Click 'Next'.

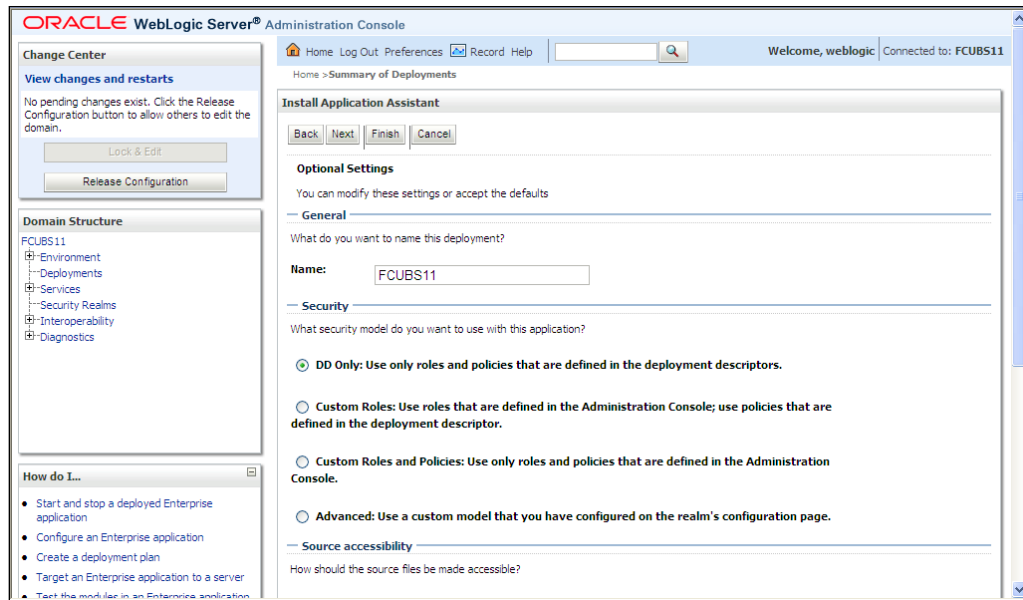
The following screen is displayed



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

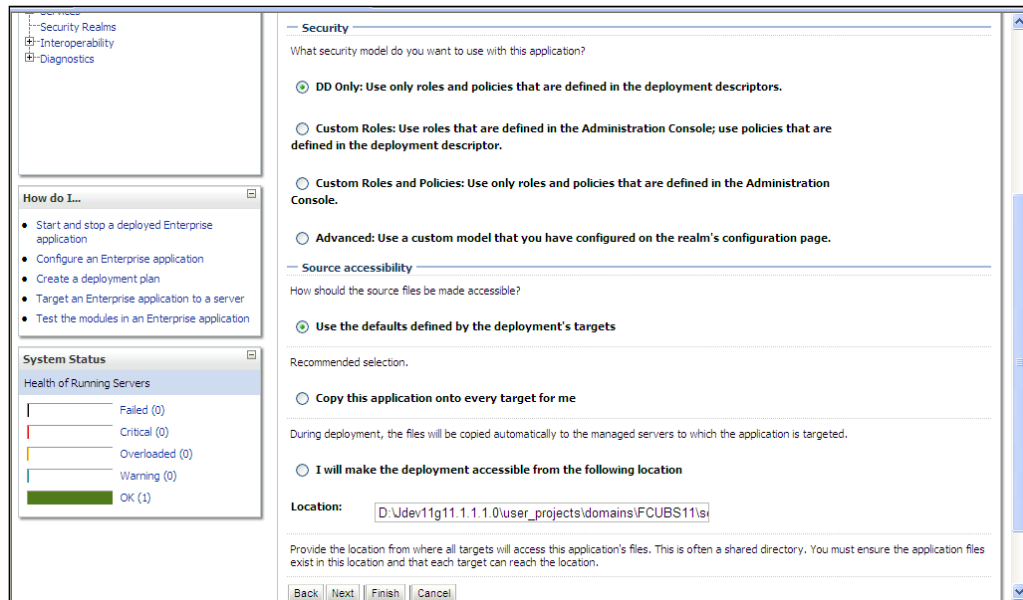
15. Click 'Next'.

The following screen appears.



16. Check the deployment name.

The remaining portion of the screen is shown below:



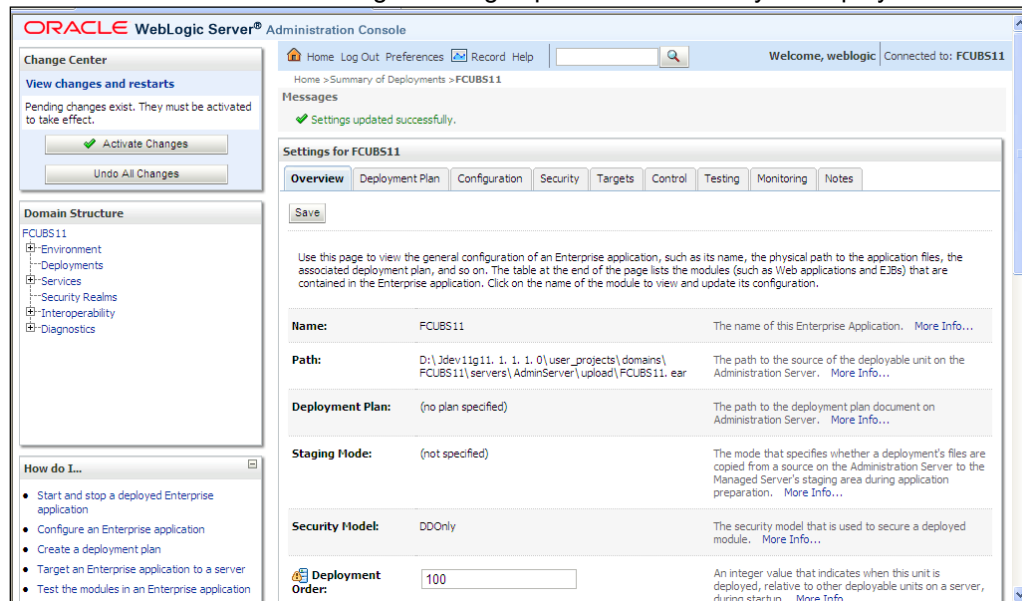
17. Check whether the deployment location is accessible or not.

The following screen is displayed.

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

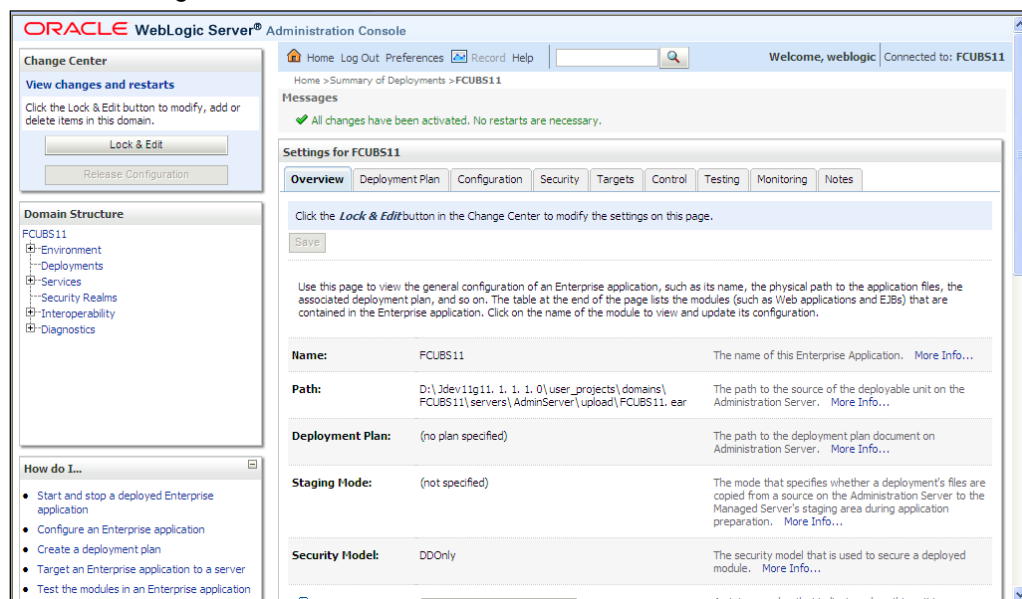
Change **Deployment Order** to **400** if the application includes **BPMN plug-in**.

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

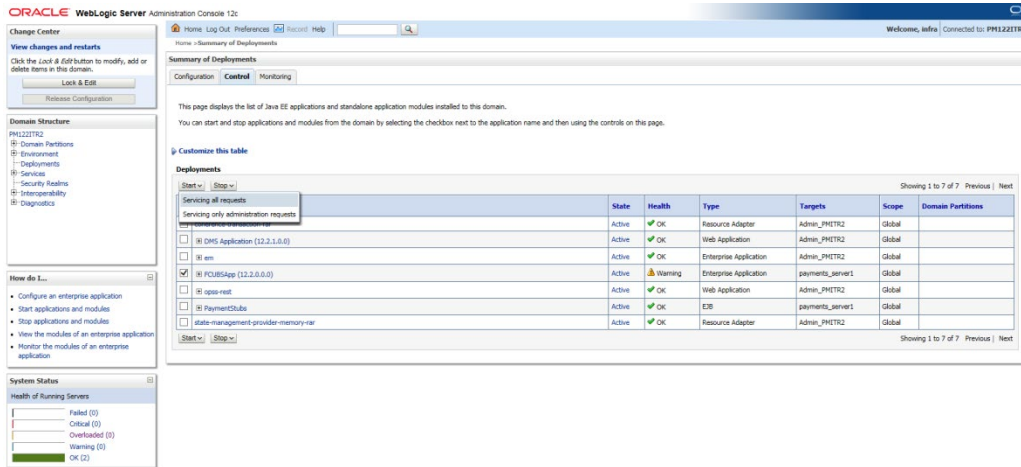


20. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

The screen is given below:

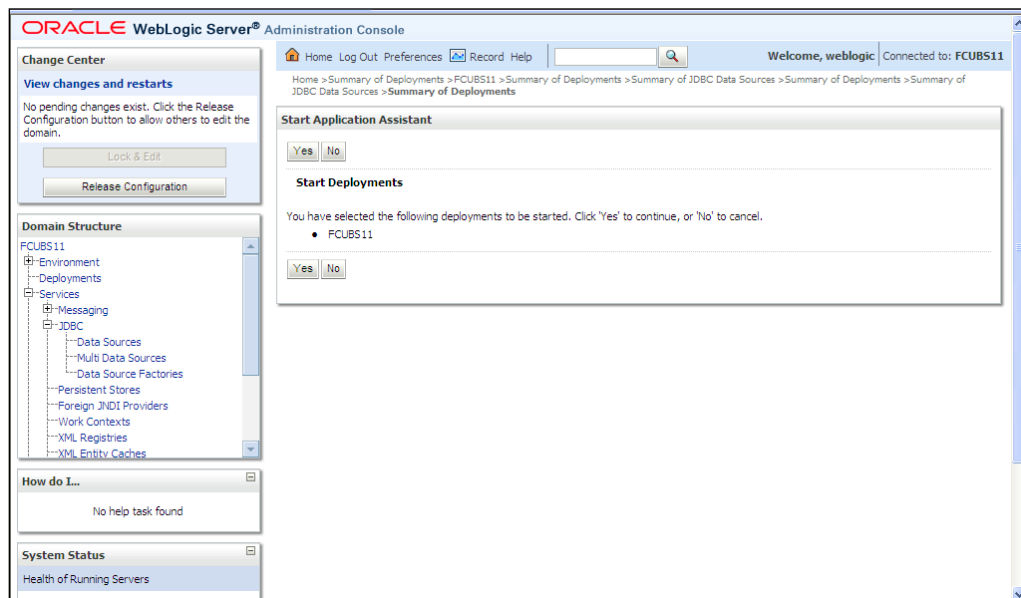


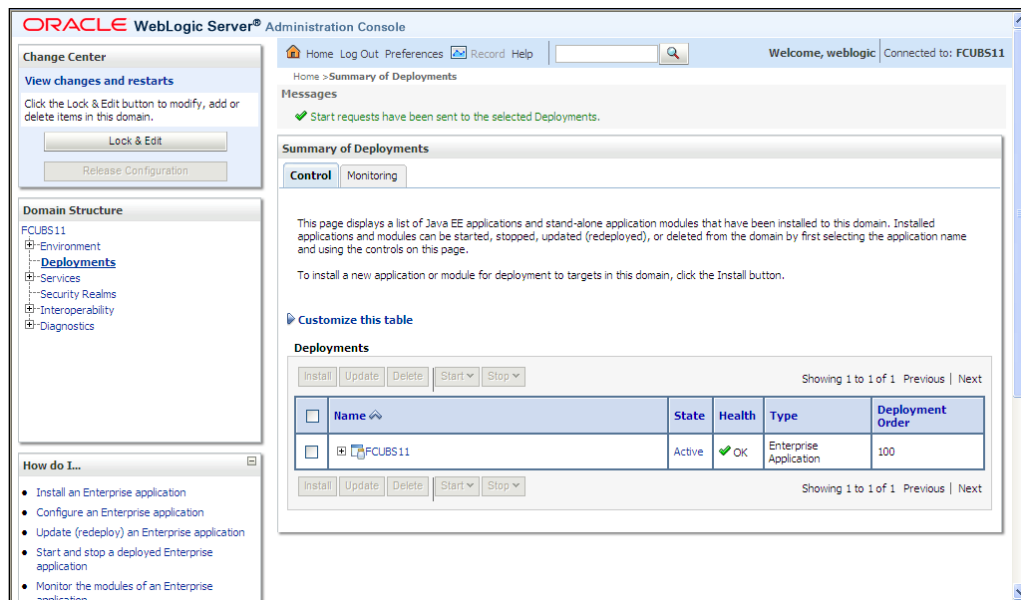
21. Click 'Deployment' on the left pane. Switch to Control tab .The following screen is displayed.



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.

24. While installing Oracle Banking Corporate Lending, repeat the above steps 3 to 21, to deploy OBCLCalcEngine.WAR.

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.

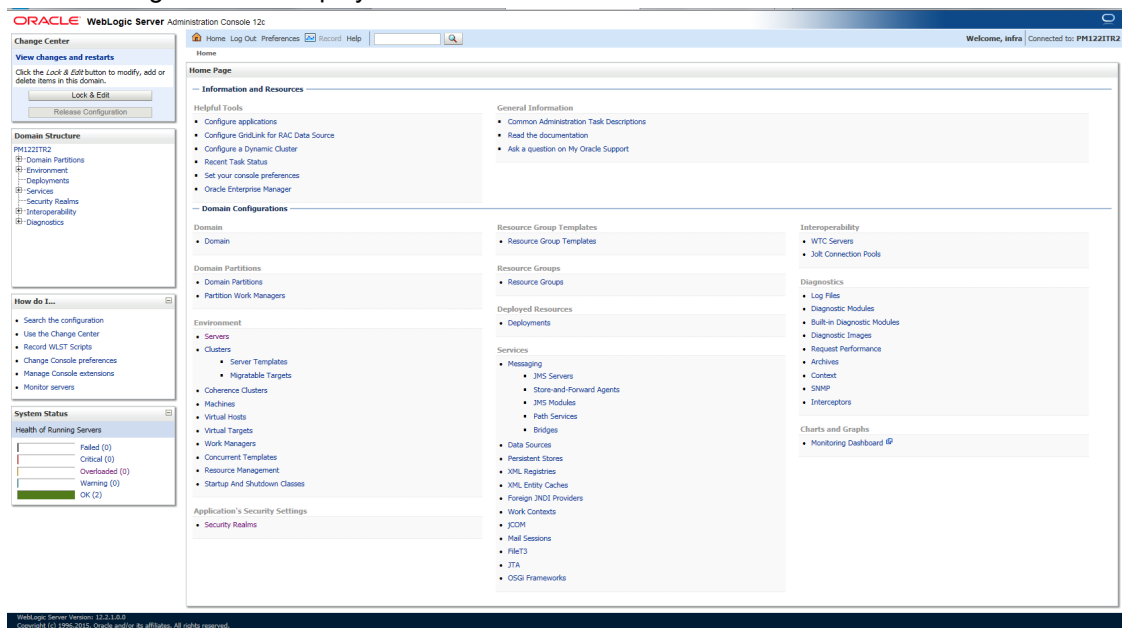
1. Launch Administrative Console of WebLogic application server. You can launch this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.
Eg: <http://10.10.10.10:1001/console>

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
☐			adf.oracle.businesseditor(1.0,12.2.1.0.0)	Active		Library	AdminServer_payments, pm_server1	Global		100
☐			adf.oracle.domain(1.0,12.2.1.0.0)	Active		Library	AdminServer_payments, pm_server1	Global		100
☐			adf.oracle.domain.webapp(1.0,12.2.1.0.0)	Active		Library	AdminServer_payments, pm_server1	Global		100
☐			coherence-transaction-war	Active	OK	Resource Adapter	AdminServer_payments, pm_server1	Global		100
☐			OMS Application (12.2.1.0.0)	Active	OK	Web Application	AdminServer_payments, pm_server1	Global		5
☐			em	Active	OK	Enterprise Application	AdminServer_payments	Global		400
☐			emagentbdiimplpriv_jar(12.4,12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
☐			emagentbdiimpl_jar(12.4,12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
☐			emagentbdi_jar(12.4,12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
☐			emas	Active		Library	AdminServer_payments	Global		100
☐			emcore	Active		Library	AdminServer_payments	Global		100
☐			emcoreclient_jar	Active		Library	AdminServer_payments	Global		100
☐			emcorecommon_jar	Active		Library	AdminServer_payments	Global		100
☐			emcoreconsole_jar	Active		Library	AdminServer_payments	Global		100
☐			emcoresdk_jar(11.2.0.1.0,12.1.0.0.0)	Active		Library	AdminServer_payments	Global		100
☐			emcoresdk_jar	Active		Library	AdminServer_payments	Global		100
☐			emcoresdkimpl_jar(11.2.0.1.0,12.1.0.0.0)	Active		Library	AdminServer_payments	Global		100
☐			emcoresdk_jar(11.2.0.1.0,12.1.0.0.0)	Active		Library	AdminServer_payments	Global		100
☐			emcore_jar	Active		Library	AdminServer_payments	Global		100
☐			em_common(12.4,12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
☐			em_core_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
- 9NT1272
- 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:

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, infra Connected to: PM1221TR2

Home > Summary of Deployments

Install Application Assistant

Back Next Finish Cancel

Upload a deployment to the Administration Server

Click the Browse button below to select an application or module on the machine from which you are currently browsing. When you have located the file, click the Next button to upload this deployment to the Administration Server.

Deployment Archive: C:\Users\ashishras\Documents\GWEJB.ear\app\GWEJB.ear Browse...

Upload a deployment plan (this step is optional)

A deployment plan is a configuration which can supplement the descriptors included in the deployment archive. A deployment will work without a deployment plan, but you can also upload a deployment plan archive now. This deployment plan archive will be a directory of configuration information packaged as a .jar file. See related links for additional information about deployment plans.

Deployment Plan Archive: Browse...

Back Next Finish Cancel

Change Center

View changes and restarts

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

Lock & Edit

Release Configuration

Domain Structure

PM1221TR2

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

How do I...

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

System Status

Health of Running Servers

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

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

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

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, infra Connected to: PM1221TR2

Home > Summary of Deployments

Messages

✓ The file GWEJB.ear has been uploaded successfully to /scratch/app/fmw122/Oracle/user_projects/domains/PM1221TR2/servers/Admin_PMTIR2/upload

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/fmw122/Oracle/user_projects/domains/PM1221TR2/servers/Admin_PMTIR2/upload/GWEJB.ear/app/GWEJB.ear

Recently Used Paths:

- /scratch/app/fmw122/Oracle/user_projects/domains/PM1221TR2/servers/Admin_PMTIR2/upload/merchanthub.jar/app
- /scratch/app/fmw122/Oracle/user_projects/domains/PM1221TR2/servers/Admin_PMTIR2/upload/FOUR5App.ear/app
- /scratch/app/fmw122/Oracle/user_projects/domains/PM1221TR2/servers/Admin_PMTIR2/upload/jax-rs-2.0.war/app
- 10.184.155.73 / scratch / app / fmw122 / Oracle / user_projects / domains / PM1221TR2 / servers / Admin_PMTIR2 / upload / GWEJB.ear / app

Current Location:

GWEJB.ear

Back Next Finish Cancel

Change Center

View changes and restarts

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

Lock & Edit

Release Configuration

Domain Structure

PM1221TR2

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

How do I...

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

System Status

Health of Running Servers

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

10. Select the application from the list.

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

The screenshot shows the Oracle WebLogic Server Administration Console. The left sidebar contains the 'Change Center' with sections for 'View changes and restarts', 'Domain Structure' (showing a tree view of the domain), 'How do I...' (a list of tasks), and 'System Status' (a bar chart showing the health of running servers). The main content area is titled 'Install Application Assistant' and includes a 'Back', 'Next', 'Finish', and 'Cancel' navigation bar. Below this, there are instructions and three radio button options for installation type and scope. The 'Scope' dropdown is set to 'Global'.

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

Domain Structure
PM1221TR2
Domain Partitions
Environment
Deployments
Services
Security Realms
Interoperability
Diagnostics

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

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

Install Application Assistant
Back Next Finish Cancel
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. The left sidebar is identical to the previous screen. The main content area is titled 'Select deployment targets' and includes a 'Back', 'Next', 'Finish', and 'Cancel' navigation bar. Below this, there are instructions and a table of available targets for the application. The 'payments_server1' target is selected.

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
☐ Admin_PM1TR2
☒ 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:

Security

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

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

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

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

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

Source Accessibility

How should the source files be made accessible?

☒ Use the defaults defined by the deployment's targets

Recommended selection.

☐ Copy this application onto every target for me

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

☒ I will make the deployment accessible from the following location

Location:

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

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:

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:

Security

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

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

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

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

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

Source Accessibility

How should the source files be made accessible?

☒ Use the defaults defined by the deployment's targets

Recommended selection.

☐ Copy this application onto every target for me

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

☒ I will make the deployment accessible from the following location

Location:

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

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.

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

Domain Structure
PM1221TR2
Domain Partitions
Environment
Deployments
Services
Security Realms
Interoperability
Diagnostics

How do I...?
Start and stop a deployed enterprise application
Configure an enterprise application
Create a deployment plan
Target an enterprise application to a server instance
Test the modules in an enterprise application

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

Install Application Assistant
Home Log Out Preferences Record Help
Home > Summary of Deployments
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.

Change Center
View changes and restarts
Pending changes exist. They must be activated to take effect.
Activate Changes
Undo All Changes

Domain Structure
PM1221TR2
Domain Partitions
Environment
Deployments
Services
Security Realms
Interoperability
Diagnostics

How do I...?
Start and stop a deployed enterprise application
Configure an enterprise application
Create a deployment plan
Target an enterprise application to a server instance
Test the modules in an enterprise application

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

Settings for GWEJB(12.2.0.0.0)
Home Log Out Preferences Record Help
Home > Summary of Deployments > 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 Server's staging area during application preparation. More Info...
Plan Staging Mode: (not specified) Specifies whether an application's deployment plan is copied from a source on the Administration Server's staging area during application preparation. More Info...
Security Model: 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)
EJBs
PCMainProcEJB
PCSnvRouterEJB
GWEJB

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

The screenshot shows the Oracle WebLogic Server Administration Console. On the left, the 'Change Center' pane displays 'View changes and restarts' with a green checkmark and the message 'Settings updated successfully'. Below this, the 'Domain Structure' and 'System Status' panes are visible. The main content area shows the 'Settings for GWEJB(12.2.0.0.0)' page with the 'Overview' tab selected. The settings table includes fields for Name, Scope, Archive Version, Path, Deployment Plan, Staging Mode, Plan Staging Mode, Security Model, and Deployment Order. A 'Save' button is located at the top of the settings table.

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:

This screenshot is similar to the previous one, showing the 'Settings for GWEJB(12.2.0.0.0)' page. However, the message in the 'Change Center' pane now reads 'All changes have been activated. No restarts are necessary.' The 'Save' button is no longer visible, and the 'Overview' tab remains selected. The configuration settings table is identical to the previous screenshot.

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

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	Web Application	Admin_PMTTR2	Global	
☐	☐	Active	OK	Enterprise Application	Admin_PMTTR2	Global	
☐	☐	Active	Warning	Enterprise Application	payments_server1	Global	
☒	☐	Prepared	OK	Enterprise Application	payments_server1	Global	
☐	☐	Active	OK	Web Application	Admin_PMTTR2	Global	
☐	☐	Active	OK	EJB	payments_server1	Global	
☐	☐	Active	OK	Resource Adapter	Admin_PMTTR2	Global	
Showing 1 to 8 of 8 Prev							

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

The following screen is displayed.

ORACLE WebLogic Server Administration Console 12c

Home > 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
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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
☐ coherence-transaction-rar	Active	OK	Resource Adapter	Admin_PM1TR2	Global	
☐ DMS Application (12.2.1.0.0)	Active	OK	Web Application	Admin_PM1TR2	Global	
☐ em	Active	OK	Enterprise Application	Admin_PM1TR2	Global	
☐ FCLB5App (12.2.0.0.0)	Active	Warning	Enterprise Application	payments_server1	Global	
☐ GWESB (12.2.0.0.0)	Active	OK	Enterprise Application	payments_server1	Global	
☐ ipay-rest	Active	OK	Web Application	Admin_PM1TR2	Global	
☐ PaymentStub	Active	OK	EJB	payments_server1	Global	
☐ state-management-provider-memory-rar	Active	OK	Resource Adapter	Admin_PM1TR2	Global	

Showing 1 to 8 of 8 Previous Next

Health of Running Servers

Failed (0)

Critical (0)

Overloaded (0)

Warning (0)

OK (2)

WebLogic Server Version: 12.2.1.0.0

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This completes the deployment process.

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



Deploying Oracle FLEXCUBE Application on WebLogic
[November] [2022]
Version 14.7.0.0.0

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