

Deploying Oracle Banking Application on WebLogic
Oracle Banking Corporate Lending
Release 14.5.3.0.0
[Nov] [2021]



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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.

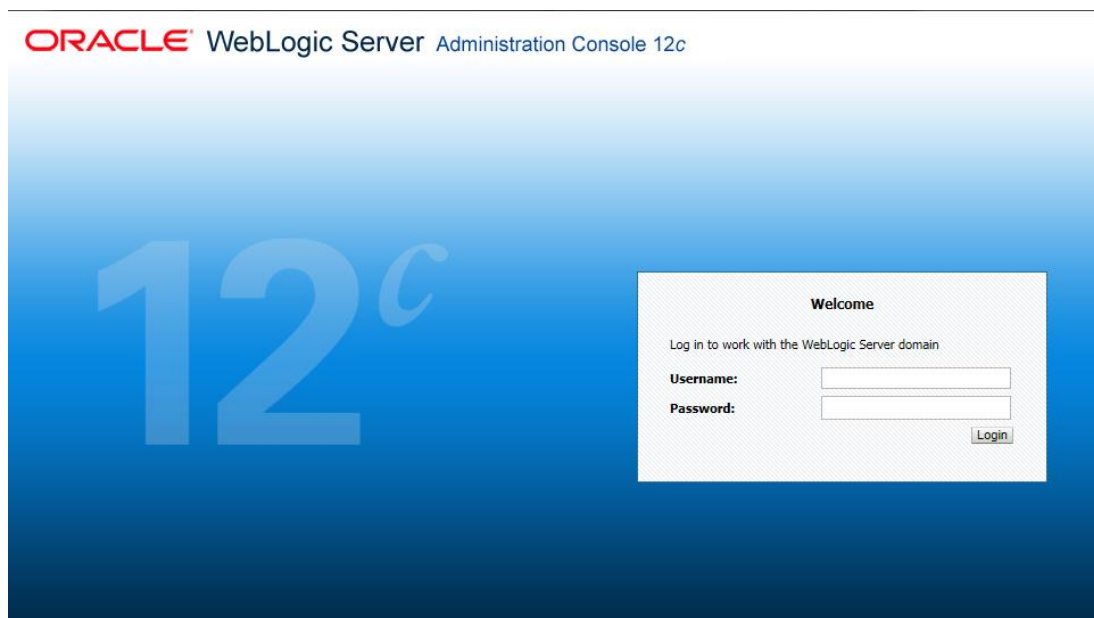
1.3.1 Deploying Integration Adapter EAR from WebLogic Administration Console

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

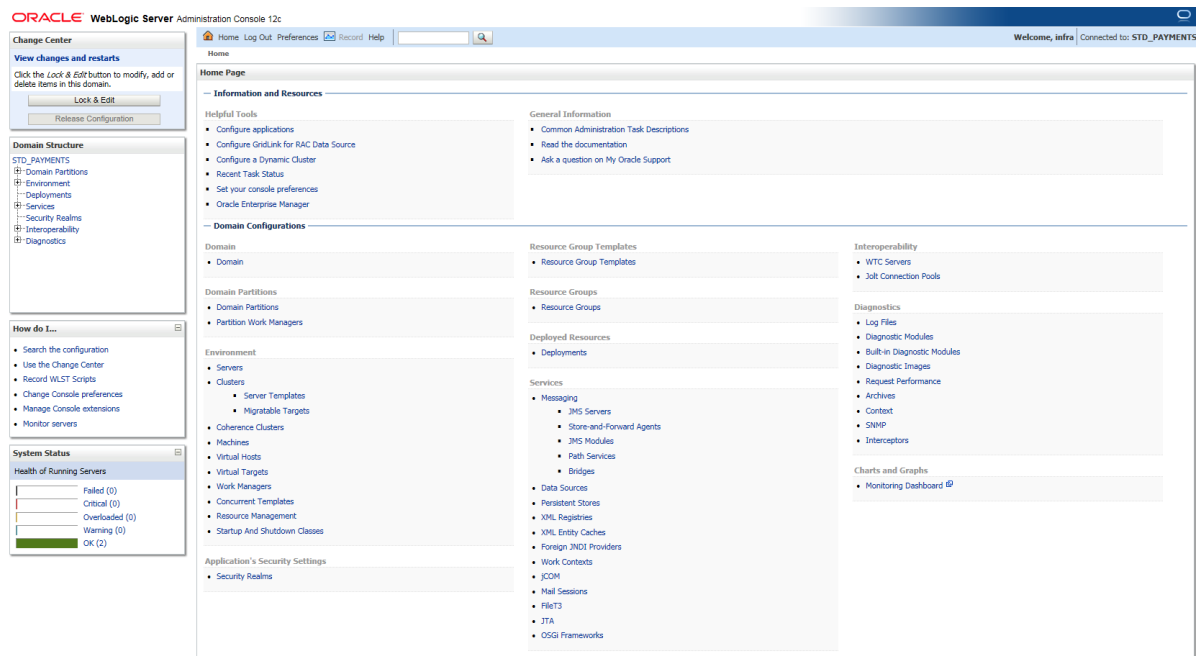
1. Start the Administrative Console of WebLogic application server. You can start this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.

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

The following screen is displayed:



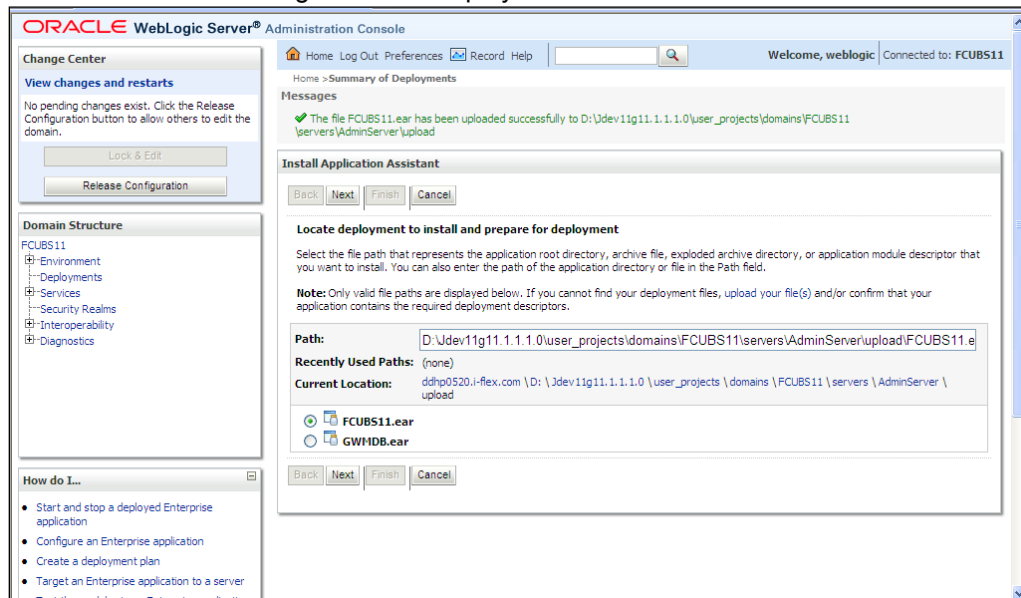
2. Specify the WebLogic administrator user name and password. Click 'Log In'.



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

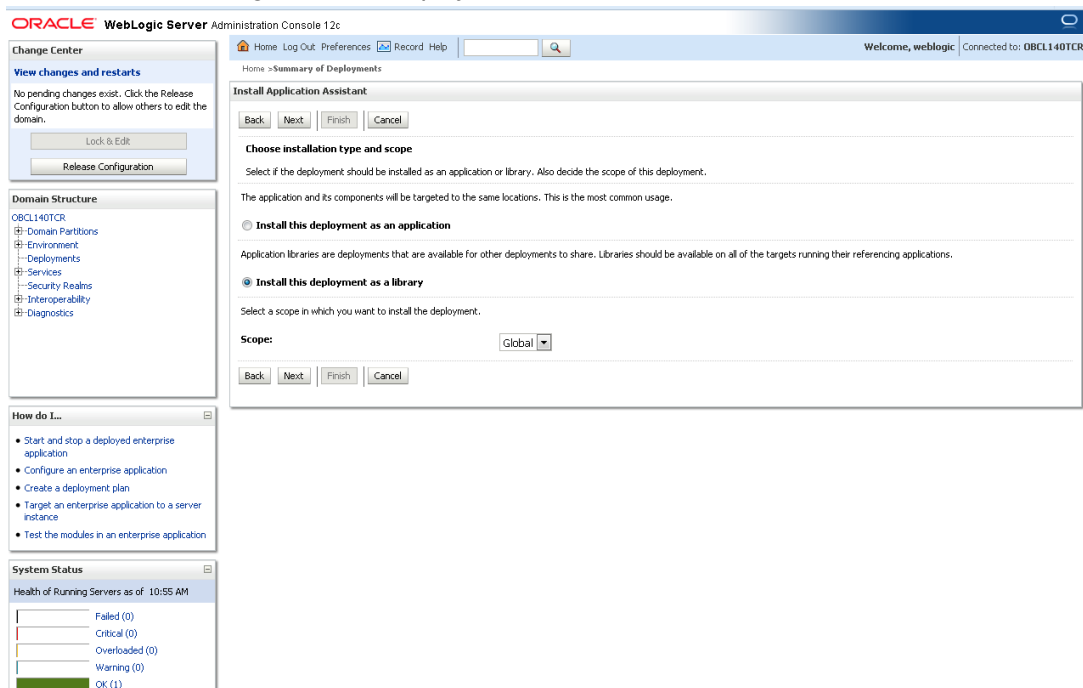
Click 'Lock & Edit' button to enable the buttons. This action enables the buttons.

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



8. Select the application Adapter EAR from the list.

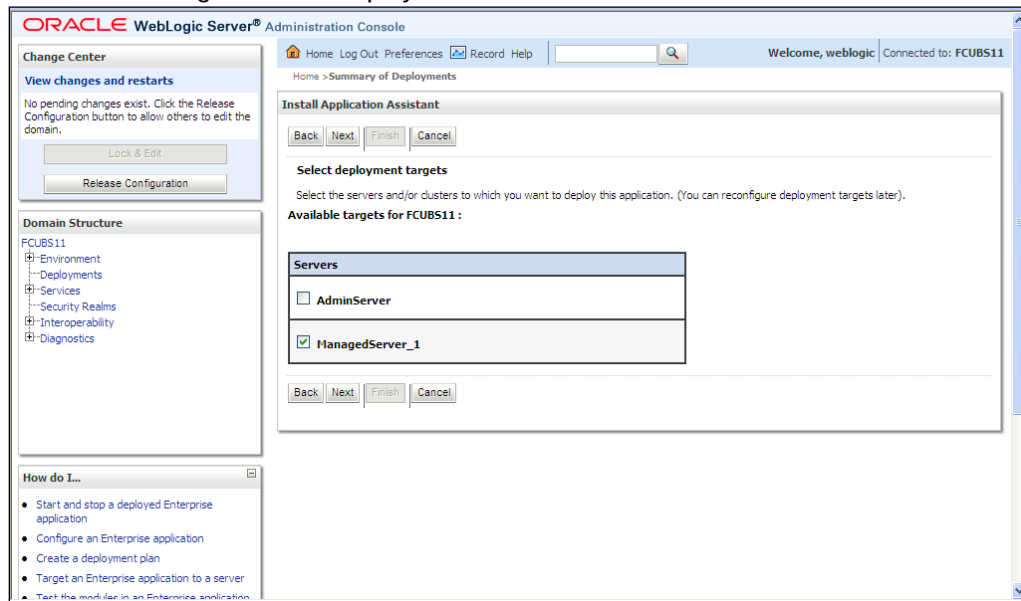
9. Click 'Next'. Following screen is displayed:



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

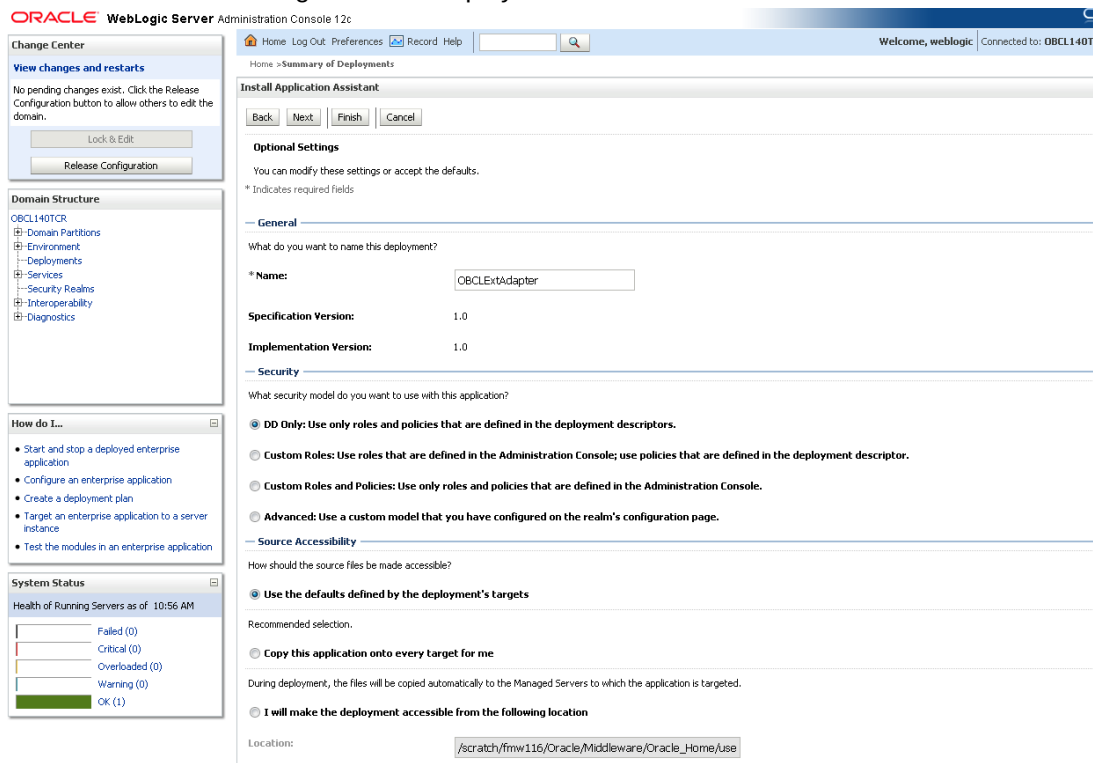
11. Click 'Next'.

12. The following screen is displayed



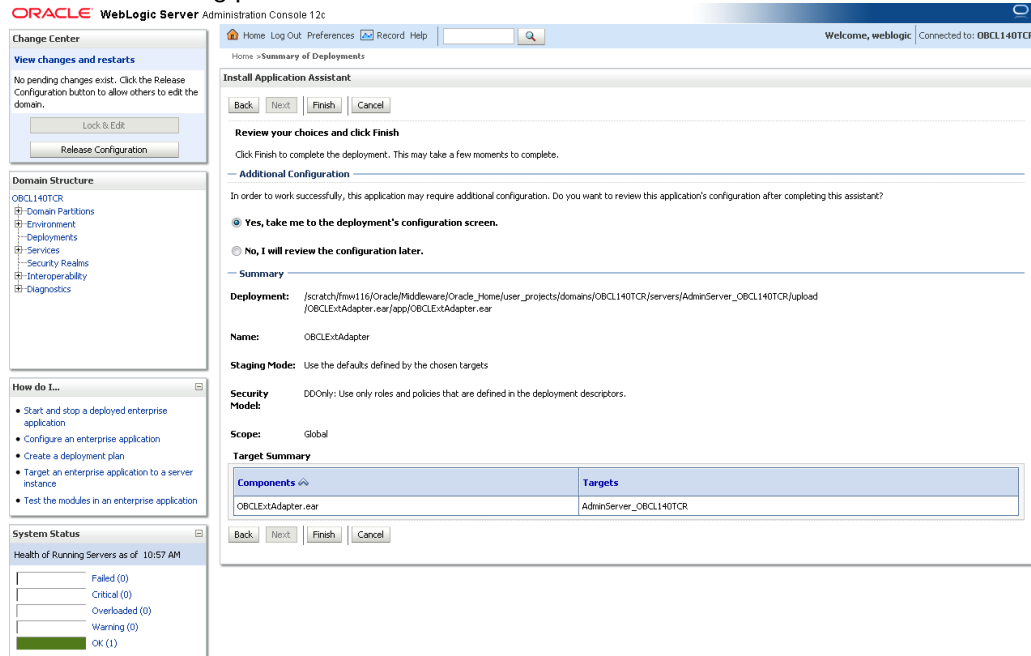
13. Select the target of the application. You can choose the server 'AdminServer' or 'Managed Server(s)'.

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

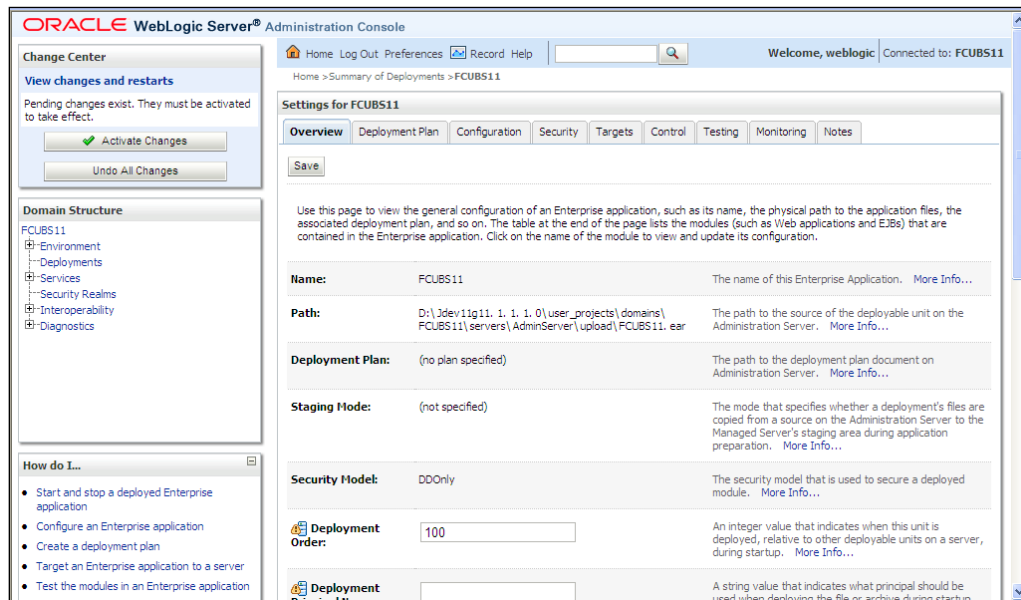


15. Check the deployment name.

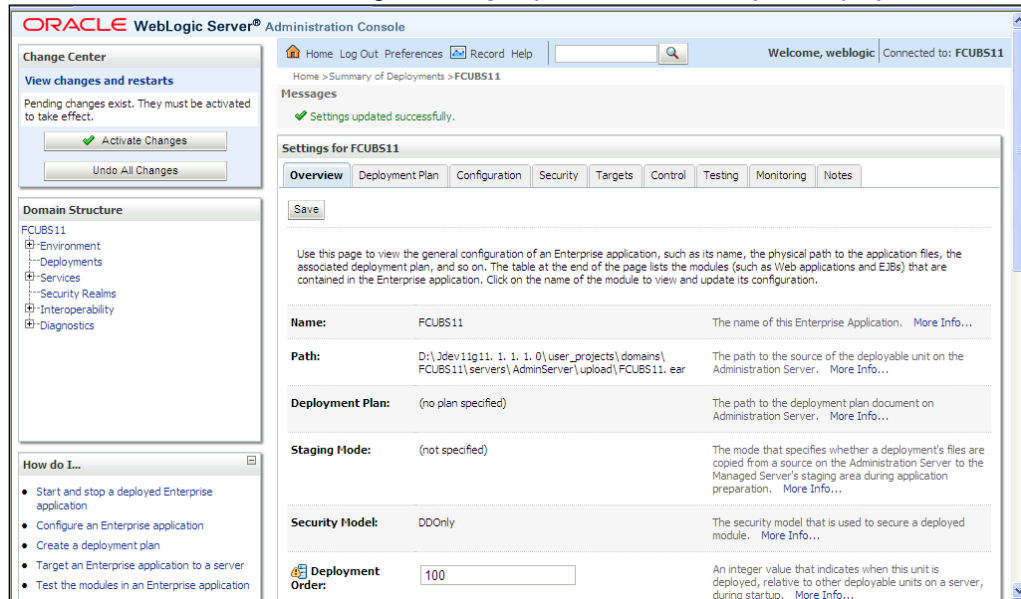
16. The remaining portion of the screen is shown below:



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



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



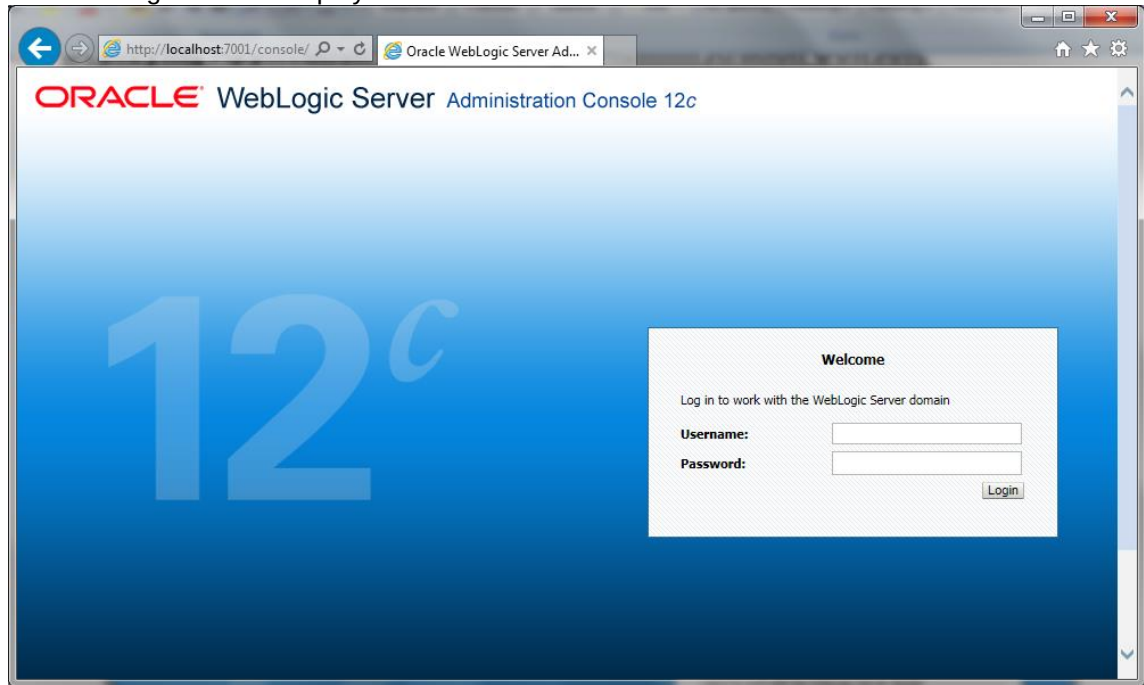
19. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

1.3.2 Deploying Dependency Library "Jax-RS"

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

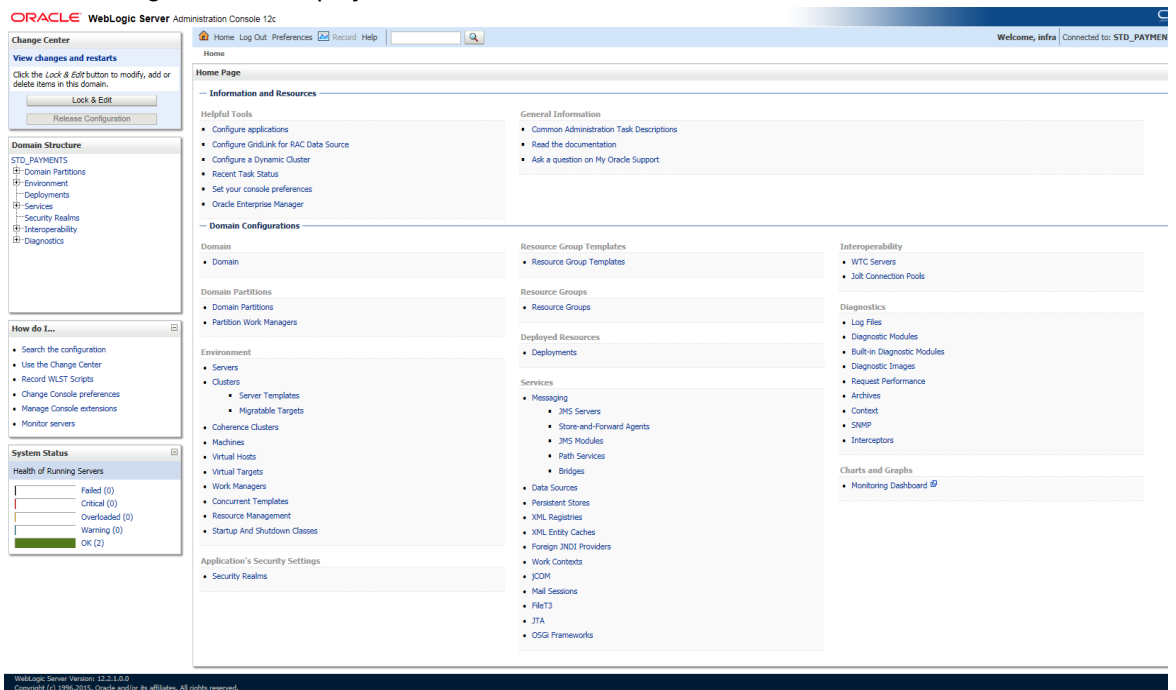
1. Start the Administrative Console of WebLogic application server. You can start this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.
Eg: <http://10.10.10.10:1001/console>

2. The following screen is displayed:



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

The following screen is displayed:



4. Click install button

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, infra Connected to: STD_PAYMENT

Change Center

View changes and restarts

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

Lock & Edit
Release Configuration

Domain Structure

STD_PAYMENT

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

How do I...

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

System Status

Health of Running Servers

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

Summary of Deployments

Configuration Control Monitoring

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

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

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

Customize this table

Deployments

Install Update Delete

Showing 1 to 60 of 60 Previous Next

Name	State	Health	Type	Targets	Scope	Domain Partitions	Deployment Order
adf.oracle.businesseditor(1.0.12.2.1.0.0)	Active		Library	AdminServer_payments, pm_server1	Global		100
adf.oracle.domain(1.0.12.2.1.0.0)	Active		Library	AdminServer_payments, pm_server1	Global		100
adf.oracle.domain.webapp(1.0.12.2.1.0.0)	Active		Library	AdminServer_payments, pm_server1	Global		100
coherence-transaction-rar	Active	OK	Resource Adapter	AdminServer_payments, pm_server1	Global		100
DMS Application (12.2.1.0.0)	Active	OK	Web Application	AdminServer_payments, pm_server1	Global		5
em	Active	OK	Enterprise Application	AdminServer_payments	Global		400
emagentstaskimpl_jar(12.4.12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
emagentstaskimpl_jar(12.4.12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
emagentstaskimpl_jar(12.4.12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
emas	Active		Library	AdminServer_payments	Global		100
emcore	Active		Library	AdminServer_payments	Global		100
emcoreclient_jar	Active		Library	AdminServer_payments	Global		100
emcorecommon_jar	Active		Library	AdminServer_payments	Global		100
emcoreconsole_jar	Active		Library	AdminServer_payments	Global		100
emcoreintask_jar(11.2.0.1.0.12.1.0.0.0)	Active		Library	AdminServer_payments	Global		100
emcorepba_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_ppc_pool_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
 - Message
 - 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/FCUB5.ear/app

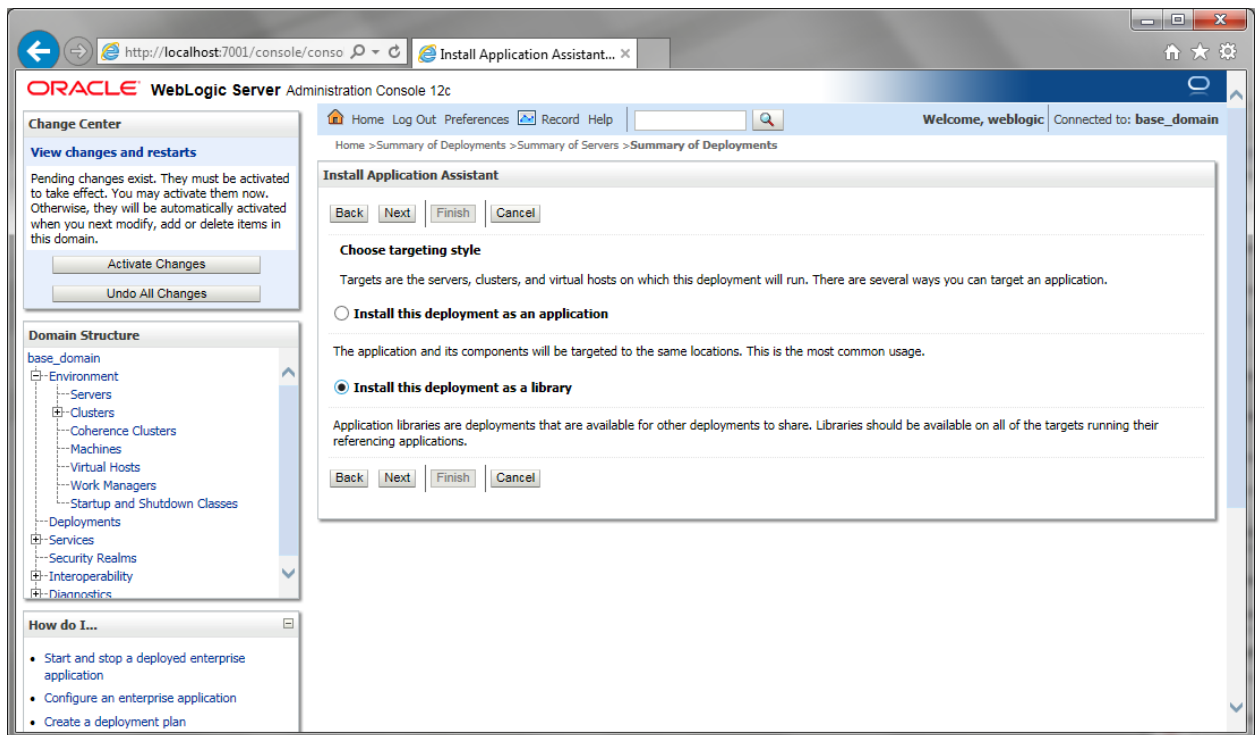
Current Location: 10.184.158.197 / scratch / app / bpm12212 / user_projects / domains / SOADOM3 / servers / AdminServer / upload / jax-rs-2.0.war / app

☒ jax-rs-2.0.war

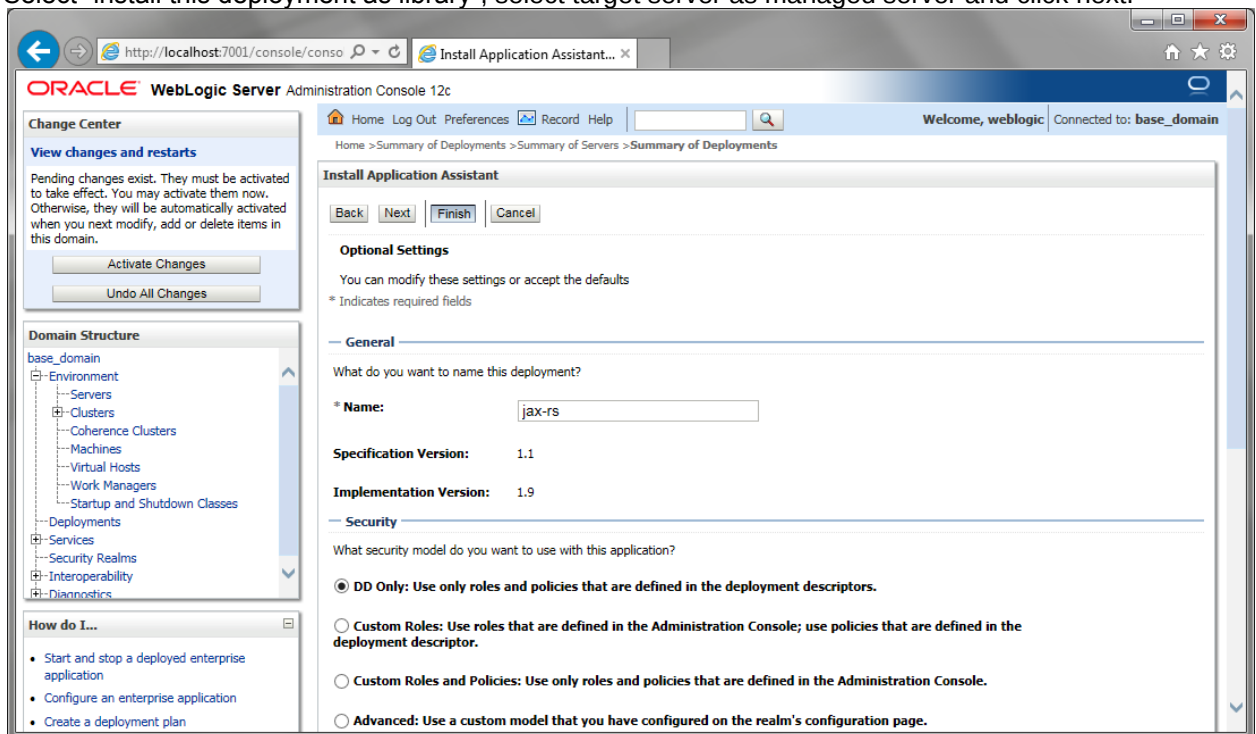
Back Next Finish Cancel

WebLogic Server Version: 12.2.1.2.0
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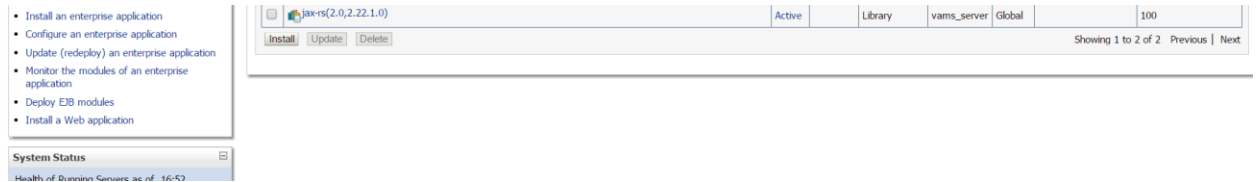
Navigate and select jersey bundle under the path “w\server\common\deployable-libraries\jax-rs-2.0.war” and click next



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”

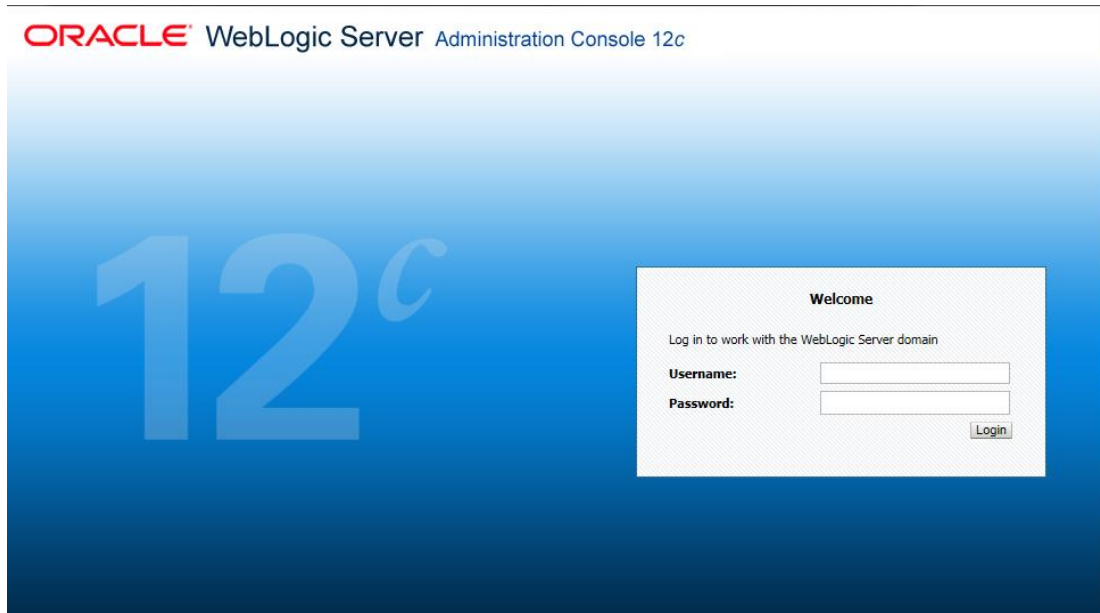
Note :- latest Jax-rs version will be Jax-rs(2.0,2.22.1.0)

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](#)

Change Center

[View changes and restarts](#)

Click the **Lock & Edit** button to modify, add or delete items in this domain.

Domain Structure

- STD_PAYMENTS
 - 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

- Failed (0)
- Critical (0)
- Overloaded (0)
- 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

General Information

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

Domain Configurations

Domain

- Domain

Domains 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

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
- ECOM
- Mail Sessions
- FileT3
- JTA
- OSGI Frameworks

Interoperability

- WTC Servers
- 3rd 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

Home > Log Out > Preferences > Record Help [] [X]

Welcome, infra Connected to: STD_PAYMEN

Change Center

View changes and restarts

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

[Lock & Edit]
[Release Configuration]

Domain Structure

- STD_PAYMENTS
 - Domain Partitions
 - 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 ESB modules
- Install a Web application

System Status

Health of Running Servers

Status	Count
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 the 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

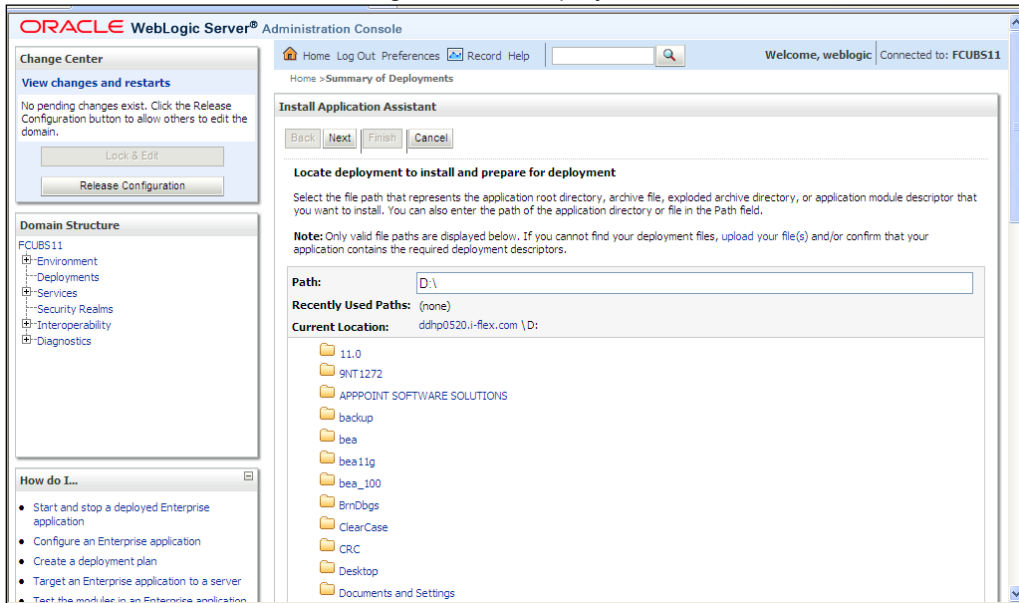
Deployments

Install Update Delete

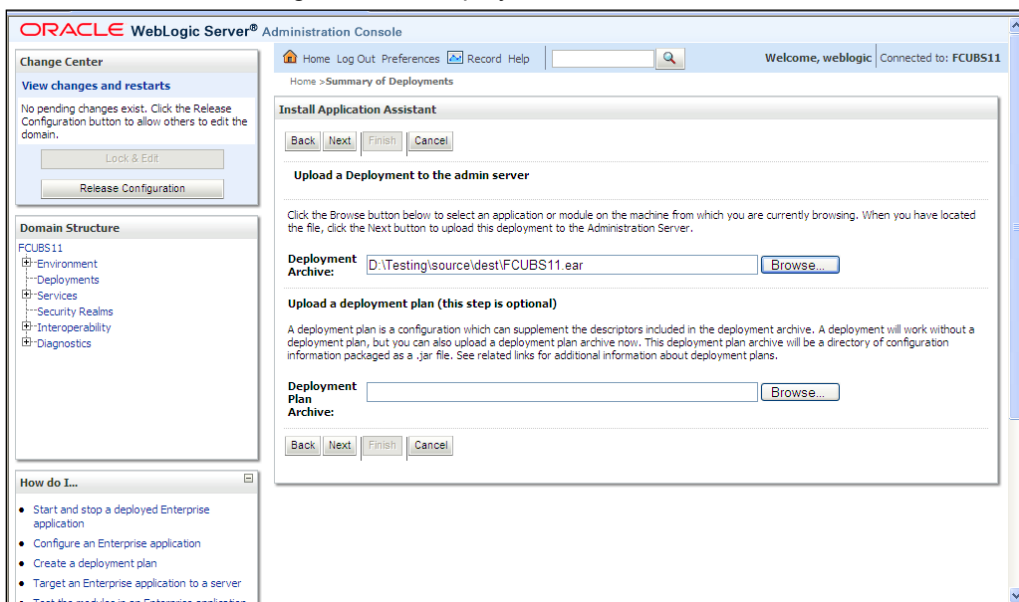
Showing 1 to 60 of 60 Previous | Next

Name	State	Health	Type	Targets	Scope	Domain Partitions	Deployment Order
☐ self.oracle.businesseditor(1.0,12.2.1.0.0)	Active		Library	AdminServer_payments_pm_server1	Global	100	
☐ self.oracle.domain(1.0,12.2.1.0.0)	Active		Library	AdminServer_payments_pm_server1	Global	100	
☐ self.oracle.domain.webapp(1.0,12.2.1.0.0)	Active		Library	AdminServer_payments_pm_server1	Global	100	
☐ coherence-transaction-rar	Active	✓ OK	Resource Adapter	AdminServer_payments_pm_server1	Global	100	
☒ OHS 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	
☐ emagentaskimplpriv_jar(12.4.12.1.0.4.0)	Active		Library	AdminServer_payments	Global	100	
☐ emagentaskimpl_jar(12.4.12.1.0.4.0)	Active		Library	AdminServer_payments	Global	100	
☐ emagentask_jar(12.4.12.1.0.4.0)	Active		Library	AdminServer_payments	Global	100	
☐ emas	Active		Library	AdminServer_payments	Global	100	
☐ emcoms	Active		Library	AdminServer_payments	Global	100	
☐ emconclient_jar	Active		Library	AdminServer_payments	Global	100	
☐ emconcommon_jar	Active		Library	AdminServer_payments	Global	100	
☐ emconconsole_jar	Active		Library	AdminServer_payments	Global	100	
☐ emconrestsdk_jar(11.2.0.1.0,12.1.0.0.0)	Active		Library	AdminServer_payments	Global	100	
☐ emconrspl_jar	Active		Library	AdminServer_payments	Global	100	
☐ emconrsdkimpl_jar(11.2.0.1.0,12.1.0.0.0)	Active		Library	AdminServer_payments	Global	100	
☐ emconrsdk_jar(11.2.0.1.0,12.1.0.0.0)	Active		Library	AdminServer_payments	Global	100	
☐ emconsc_jar	Active		Library	AdminServer_payments	Global	100	
☐ emconcommon(12.4.12.1.0.4.0)	Active		Library	AdminServer_payments	Global	100	

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

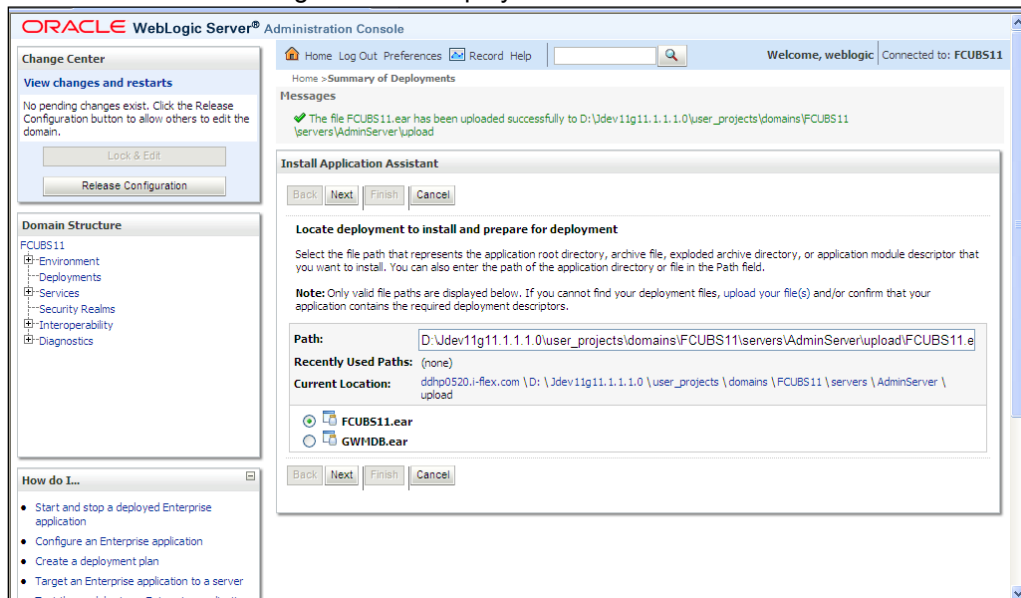


5. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.
6. Click 'Next'. The following screen is displayed:



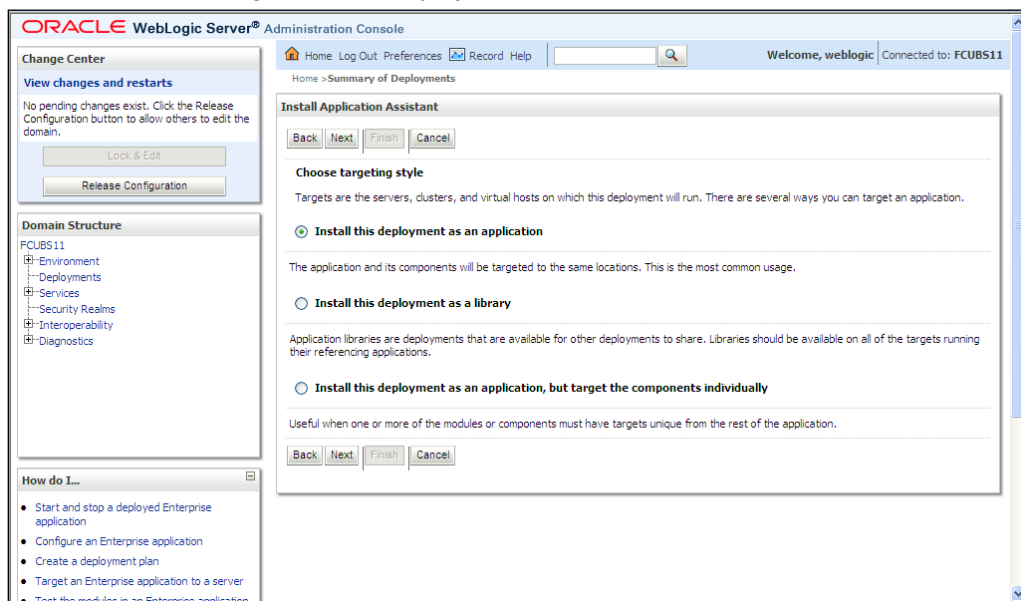
7. Specify the EAR file path. You can use the 'Browse' button to locate the file.

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



9. Select the application FCUBS EAR from the list.

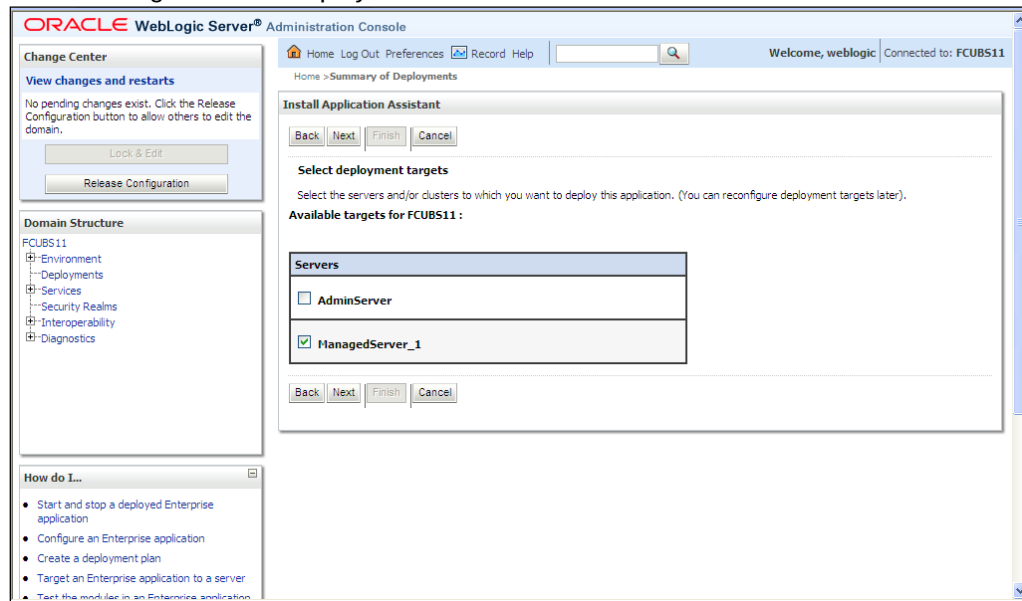
10. Click 'Next'. Following screen is displayed:



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

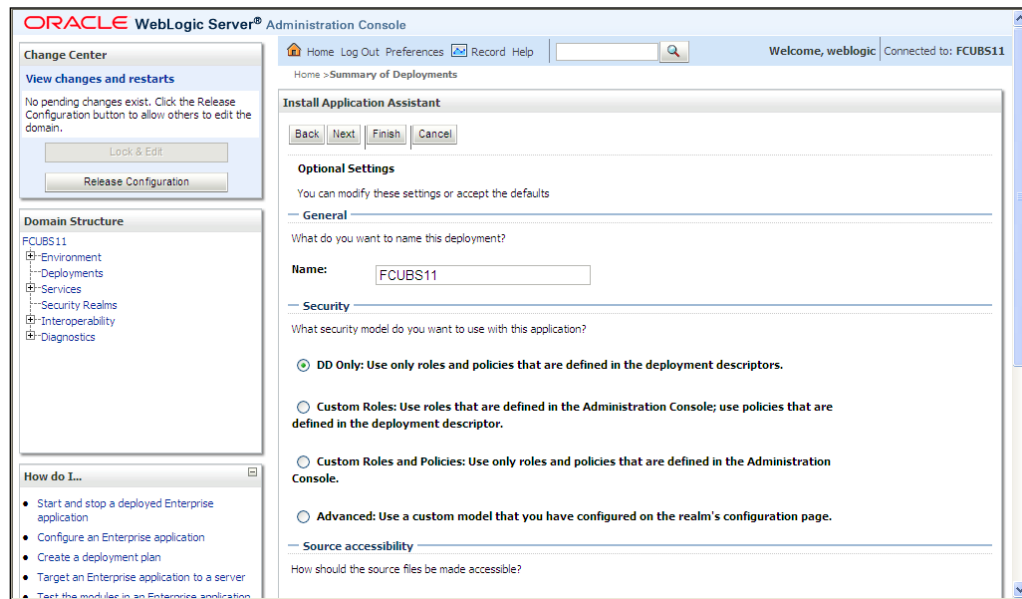
12. Click 'Next'.

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 Oracle Enterprise Manager console with the following sections:

- Left Navigation Panel:**
 - Domain Structure: Security Realms, Interoperability, Diagnostics
 - How do I...:
 - Start and stop a deployed Enterprise application
 - Configure an Enterprise application
 - Create a deployment plan
 - Target an Enterprise application to a server
 - Test the modules in an Enterprise application
 - System Status:
 - Health of Running Servers:
 - Failed (0)
 - Critical (0)
 - Overloaded (0)
 - Warning (0)
 - OK (1)
- Main Content Area:**
 - Security:**

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

 - ☒ **DD Only:** Use only roles and policies that are defined in the deployment descriptors.
 - ☐ **Custom Roles:** Use roles that are defined in the Administration Console; use policies that are defined in the deployment descriptor.
 - ☐ **Custom Roles and Policies:** Use only roles and policies that are defined in the Administration Console.
 - ☐ **Advanced:** Use a custom model that you have configured on the realm's configuration page.
 - Source accessibility:**

How should the source files be made accessible?

 - ☒ **Use the defaults defined by the deployment's targets**
 - ☐ **Copy this application onto every target for me**
 - ☐ **I will make the deployment accessible from the following location**

Recommended selection.

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

Location:

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

Buttons: Back, Next, Finish, Cancel

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

The following screen is displayed.

The screenshot shows the Oracle Enterprise Manager console with the following sections:

- Left Navigation Panel:**
 - Domain Structure: Environment, Deployments, Services, Security Realms, Interoperability, Diagnostics
 - How do I...:
 - Start and stop a deployed Enterprise application
 - Configure an Enterprise application
 - Create a deployment plan
 - Target an Enterprise application to a server
 - Test the modules in an Enterprise application
 - System Status:
 - Health of Running Servers
- Main Content Area:**
 - Install Application Assistant:**

Buttons: Back, Next, Finish, Cancel

Review your choices and click Finish

Click Finish to complete the deployment. This may take a few moments to complete.

Additional configuration

In order to work successfully, this application may require additional configuration. Do you want to review this application's configuration after completing this assistant?

 - ☒ **Yes, take me to the deployment's configuration screen.**
 - ☐ **No, I will review the configuration later.**

Summary

Deployment: D:\dev11g11.1.1.0\user_projects\domains\FCUBS11\servers\AdminServer\upload\FCUBS11.ear

Name: FCUBS11

Staging mode: Use the defaults defined by the chosen targets

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

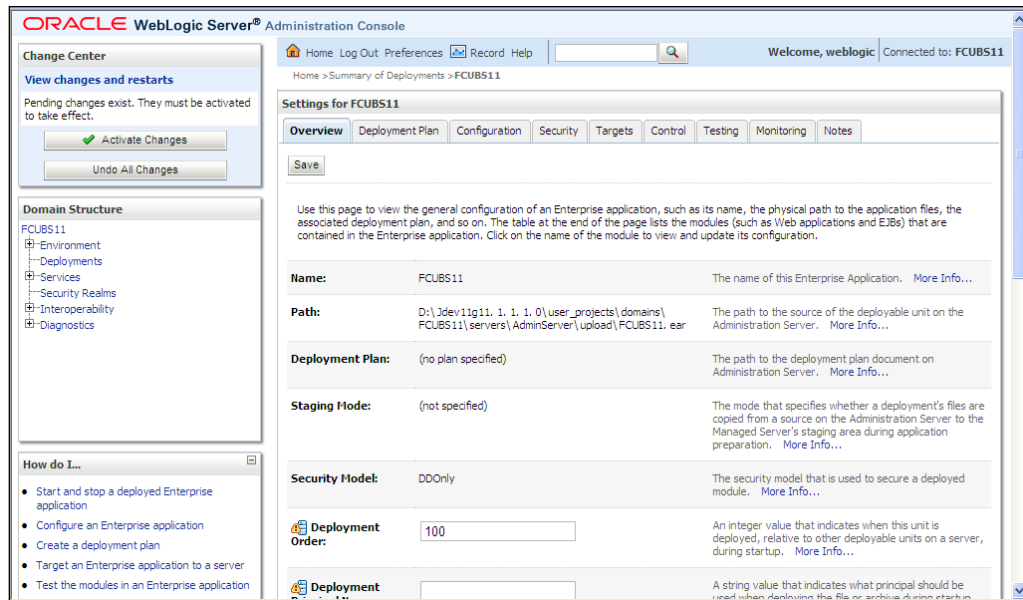
Target Summary

Components	Targets
FCUBS11.ear	ManagedServer_1

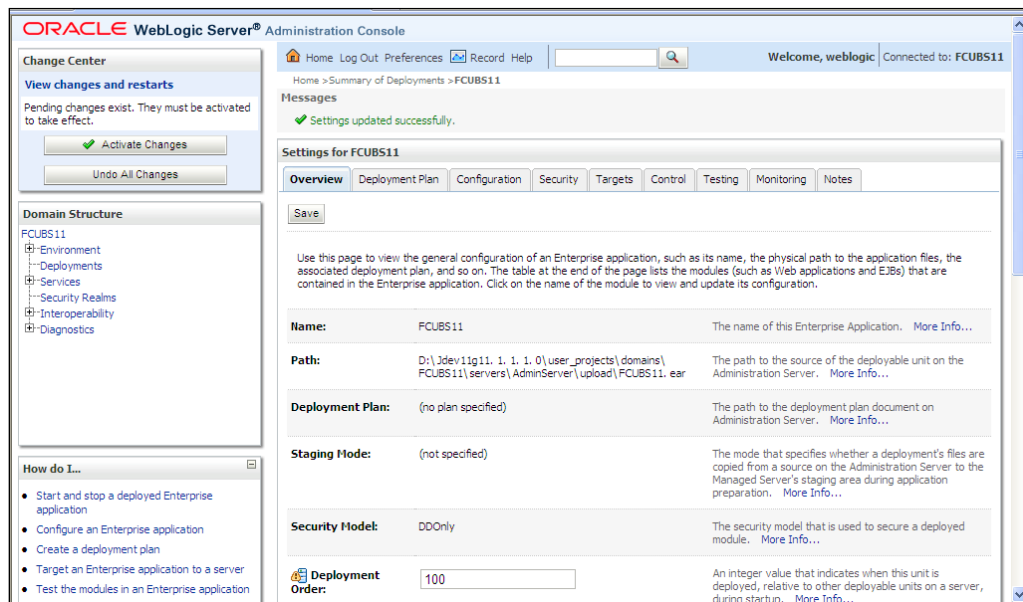
Buttons: Back, Next, Finish, Cancel

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

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

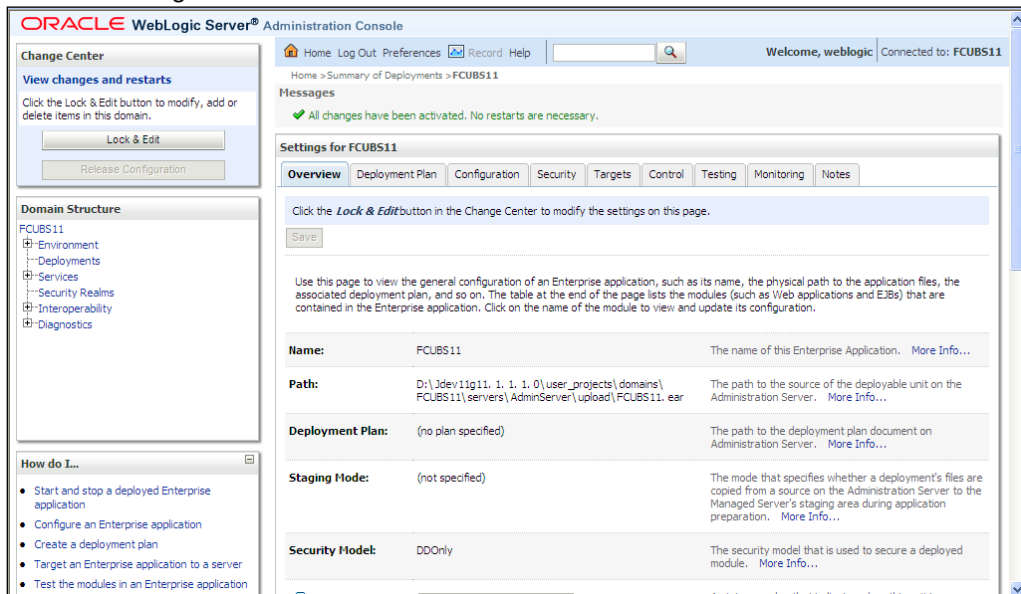


18. Click 'Save' button. The message 'Settings updated successfully' is displayed.

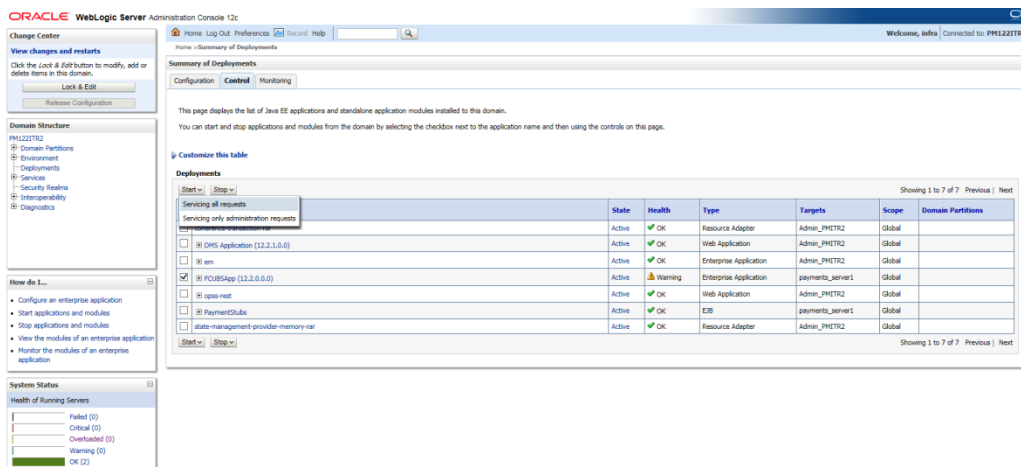


19. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

The screen is given below:

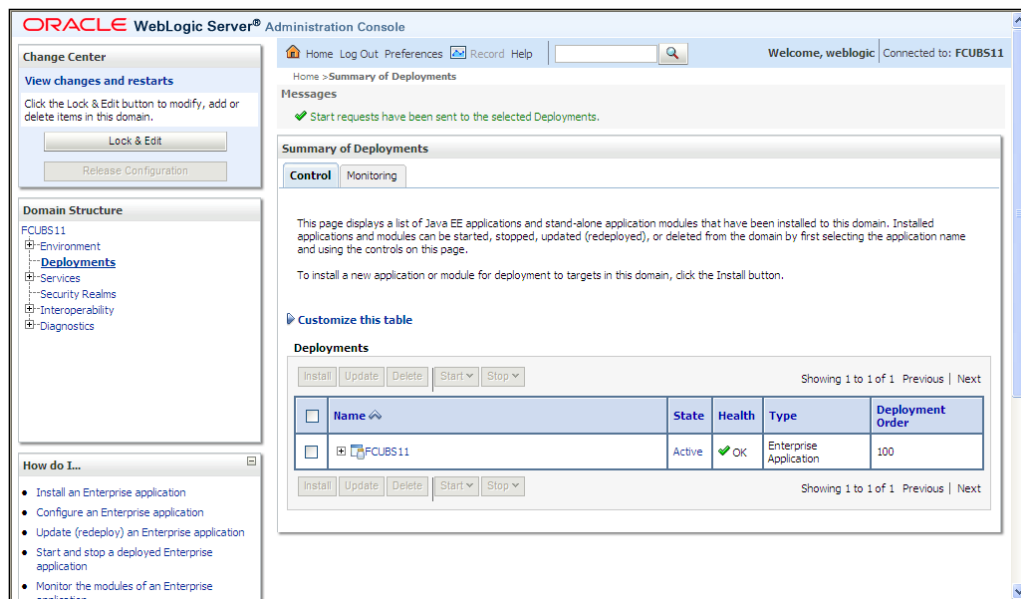
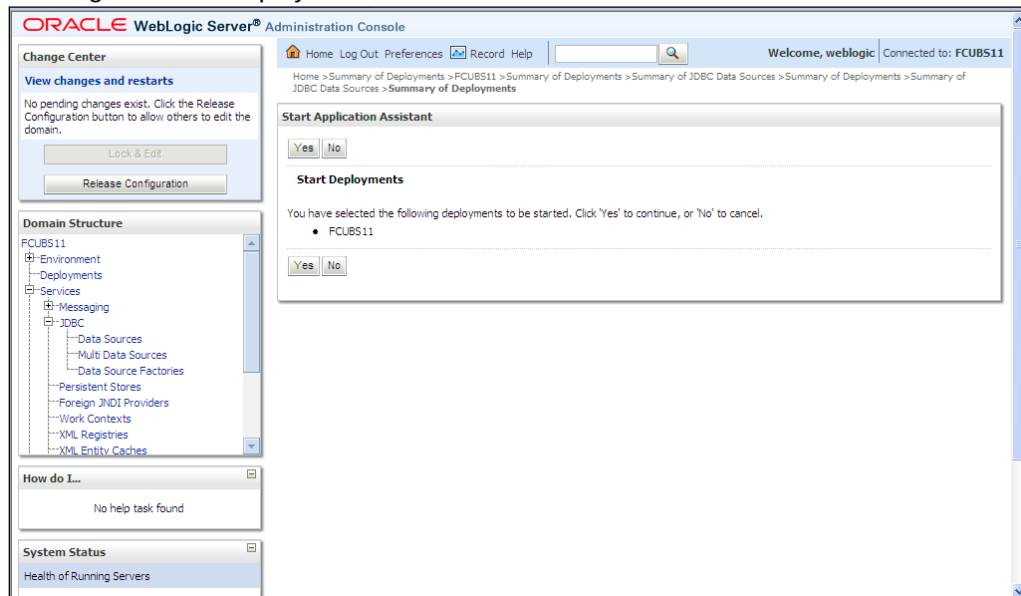


Click 'Deployment' on the left pane. Switch to Control tab .The following screen is displayed.



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

The following screen is displayed.



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

This completes the deployment process.

1.3.4 Deploying Gateway/Scheduler Applications from WebLogic Administration Console

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

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

22. The following screen is displayed:



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

ORACLE WebLogic Server Administration Console 12c

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

[Welcome, jafra](#)
[Connected to P91122T2R2](#)

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
 P91122T2R2

- 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

	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
- Machine
- 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

Services

- Messaging
 - JMS Servers
 - Store-and-Forward Agents
 - JMS Modules
 - Path Services
 - Bridges
- Data Sources
- Persistent Stores
- JMX Registries
- JMX Entity Caches
- Foreign JMX Providers
- Work Contexts
- JCOA
- Mail Sessions
- PIeT3
- JTA
- OGSI Frameworks

Interoperability

- WTC Servers
- Jolt 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: 12.1.3.0.0
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Click 'Lock & Edit' button to enable the buttons. This action enables the buttons.

ORACLE WebLogic Server Administration Console 12c
 Home > Summary of Deployments

Welcome, infra Connected to: STD_PAYMENTS

Change Center

View changes and events

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

Lock & Edit
Release Configuration

Domain Structure

- STD_PAYMENTS
 - Domains Partitions
 - Environments
 - Deployments**
 - Servers
 - Security Realms
 - Interoperability
 - Diagnostics

How do I...?

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

System Status

Health of Running Servers

Status	Count
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 (redeloy) 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

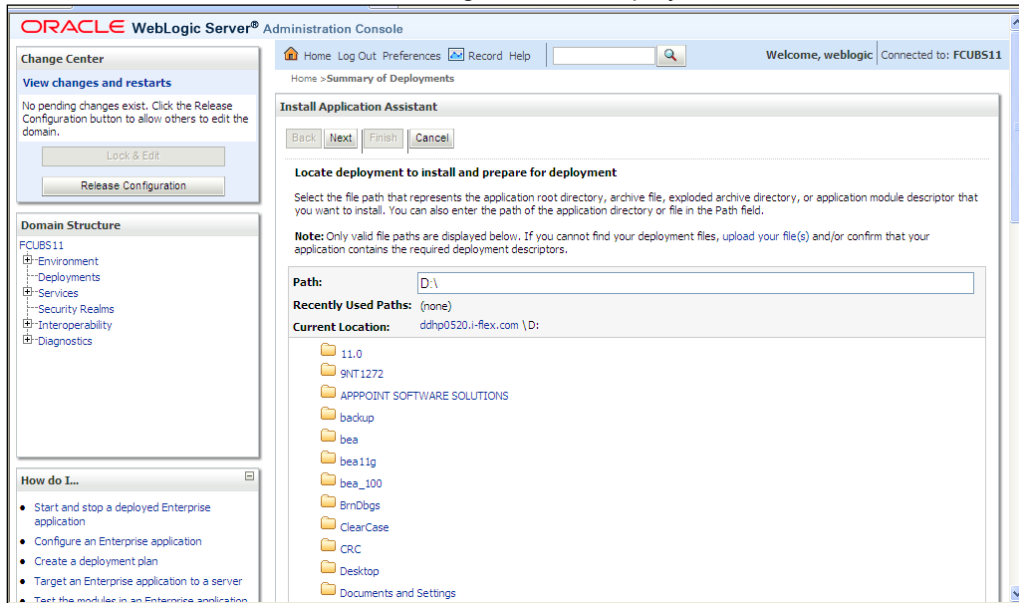
Deployments

Insert Update Delete

Name	State	Health	Type	Targets	Scope	Domain Partitions	Deployment Order
self.oracle.businessinterf(1.0,12.2.1.0.0)	Active		Library	AdminServer_payments, pm_server1	Global		100
self.oracle.domain(1.0,12.2.1.0.0)	Active		Library	AdminServer_payments, pm_server1	Global		100
self.oracle.domain.webapp(1.0,12.2.1.0.0)	Active		Library	AdminServer_payments, pm_server1	Global		100
coherence.transaction.rar	Active	✓ OK	Resource Adapter	AdminServer_payments, pm_server1	Global		100
OHS Application (12.2.1.0.0)	Active	✓ OK	Web Application	AdminServer_payments, pm_server1	Global		5
jsm	Active	✓ OK	Enterprise Application	AdminServer_payments	Global		400
omsportsdtsmpjns_jar(12.4.12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
omsportsdtsmpjns_jar(12.4.12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
omsportsds_jar(12.4.12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
omsas	Active		Library	AdminServer_payments	Global		100
omemore	Active		Library	AdminServer_payments	Global		100
omemconcdntst_jar	Active		Library	AdminServer_payments	Global		100
omemcomcommon_jar	Active		Library	AdminServer_payments	Global		100
omemcomconsole_jar	Active		Library	AdminServer_payments	Global		100
omemcomentads_jar(11.2.0.1.0,12.1.0.0.0)	Active		Library	AdminServer_payments	Global		100
omemcomphs_jar	Active		Library	AdminServer_payments	Global		100
omemcomsdtsmpjns_jar(11.2.0.1.0,12.1.0.0.0)	Active		Library	AdminServer_payments	Global		100
omemcomsdts_jar(11.2.0.1.0,12.1.0.0.0)	Active		Library	AdminServer_payments	Global		100
omemcore_jar	Active		Library	AdminServer_payments	Global		100
omemcommon(12.4.12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
omem_core_sec_exto.jar	Active		Library	AdminServer_payments	Global		100

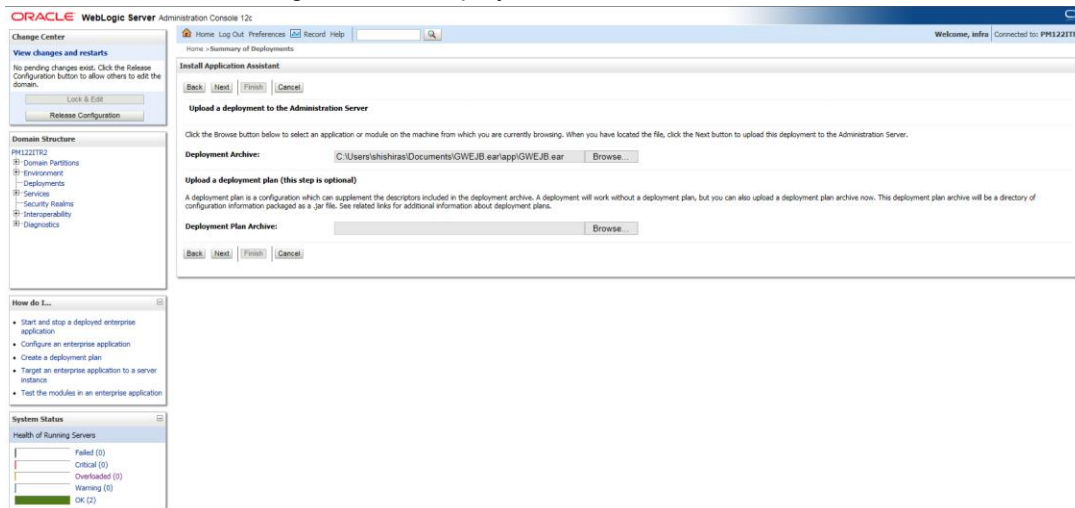
Showing 1 to 60 of 60 Previous | Next

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



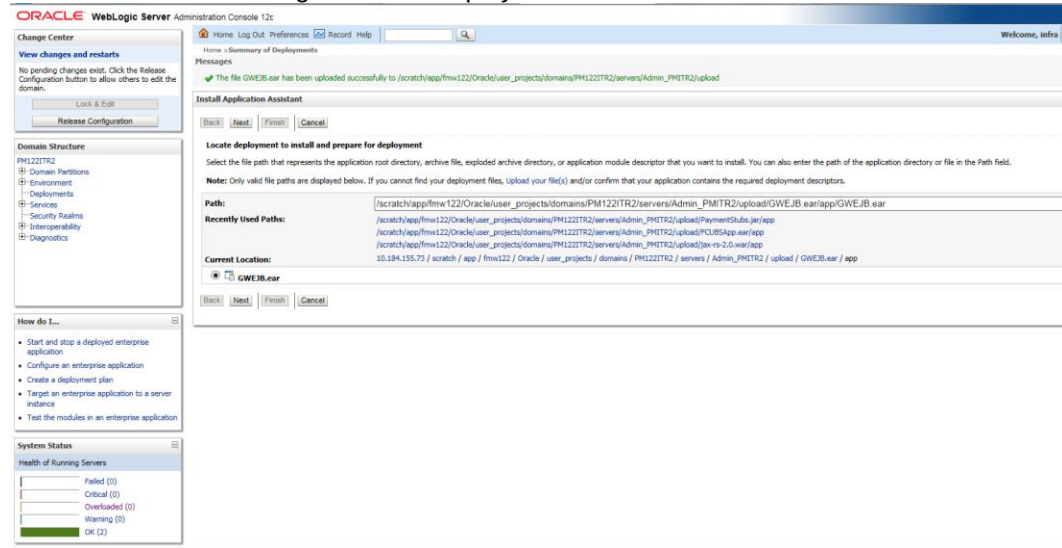
26. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.

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



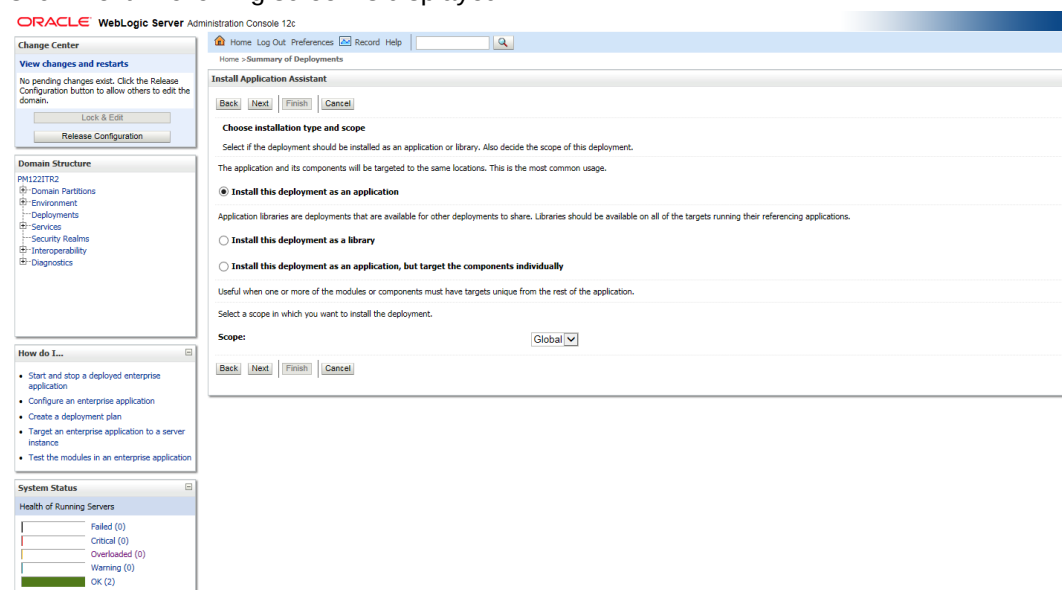
28. Specify the EAR file path. You can use the 'Browse' button to locate the file.

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



30. Select the application from the list.

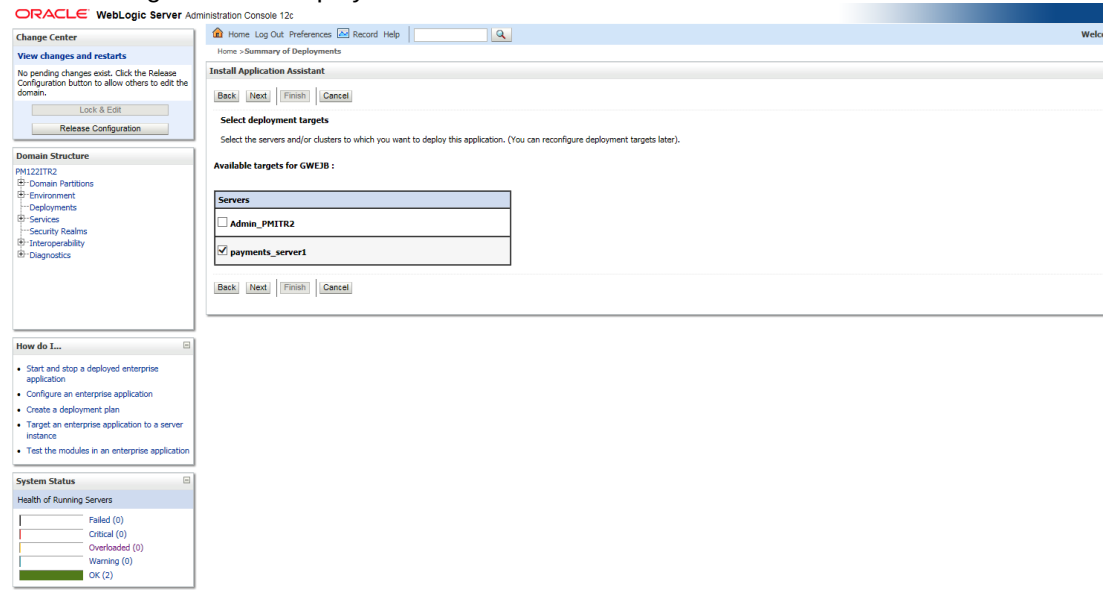
31. Click 'Next'. Following screen is displayed:



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

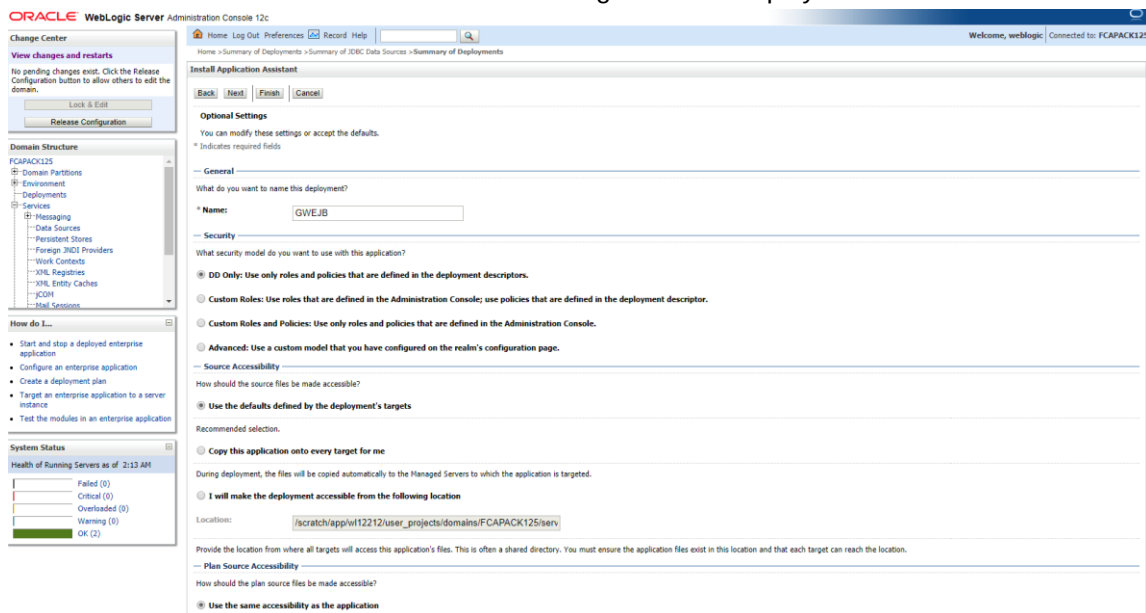
33. Click 'Next'.

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/PM1221TR2/servers/Admin_PM1TR2/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

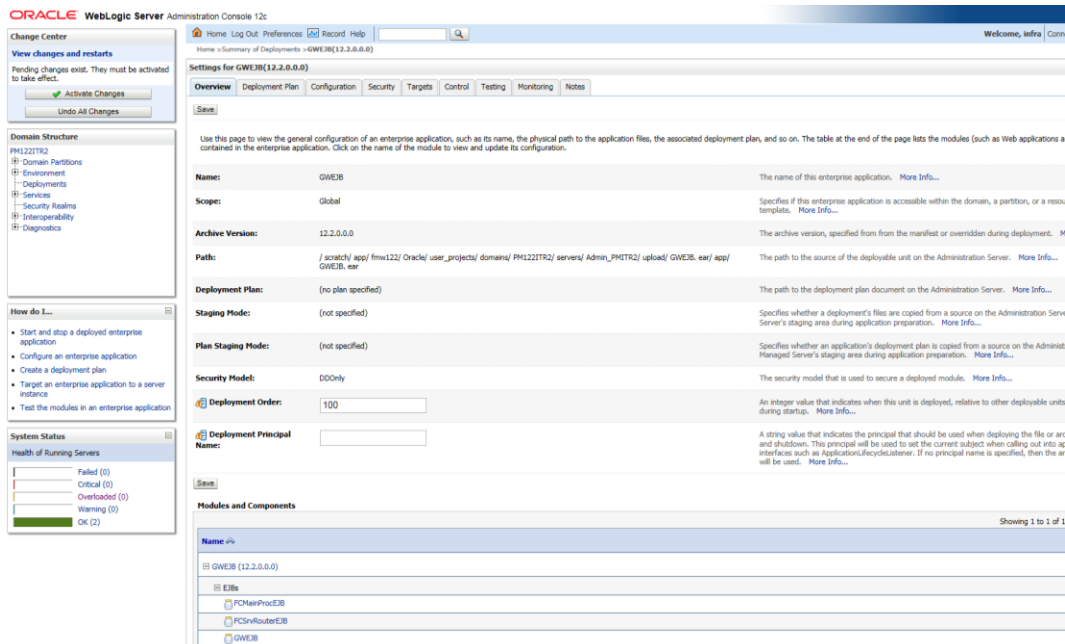
Security Model: DDOnly: Use only roles and policies that are defined in the deployment descriptors.

Scope: Global

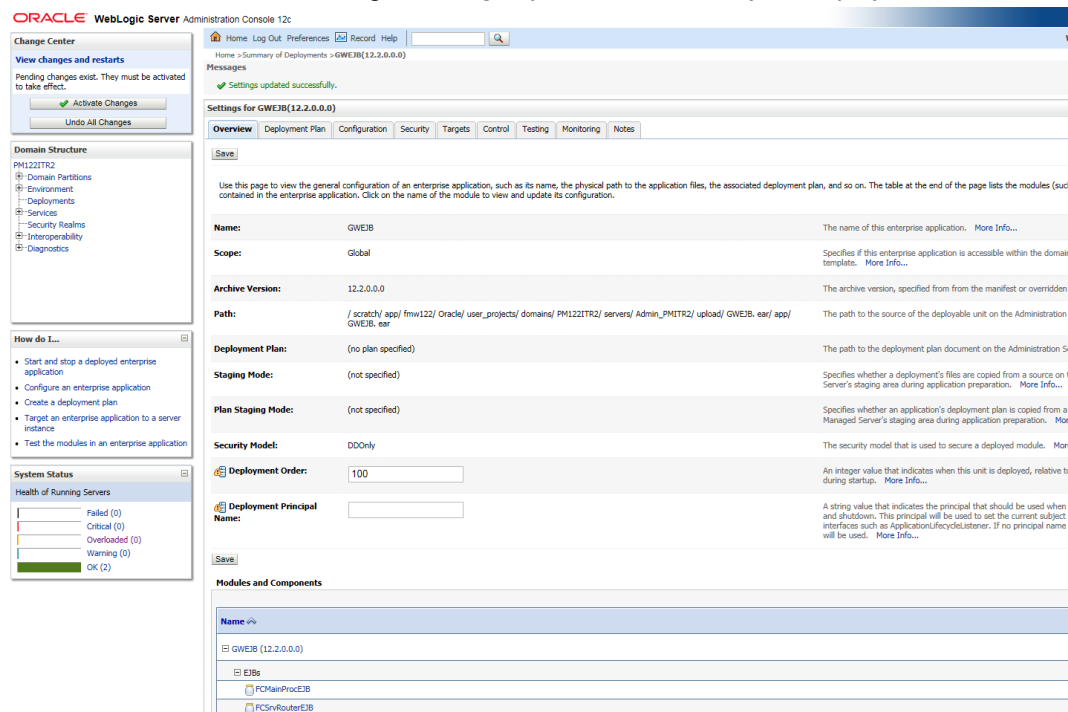
Target Summary

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 GWEB(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 Web) contained in the enterprise application. Click on the name of the module to view and update its configuration.

Name:	GWEB	The name of this enterprise application. More Info...
Scope:	Global	Specifies if this enterprise application is accessible within the domain, a part template. More Info...
Archive Version:	12.2.0.0.0	The archive version, specified from the manifest or overridden during deployment.
Path:	/scratch/app/finw122/Oracle/user_projects/domains/PM1221TR2/servers/Admin_PM1TR2/upload/GWEB.ear/app/GWEB.ear	The path to the source of the deployable unit on the Administration Server.
Deployment Plan:	(no plan specified)	The path to the deployment plan document on the Administration Server.
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:	DOOnly	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 units during startup. More Info...
Deployment Principal Name:		A string value that indicates the principal that should be used when deploying and shutdown. This principal will be used to test the current subject when calling interfaces such as ApplicationLifecycleListener. If no principal name is specified, the default principal will be used. More Info...

Modules and Components
Show

Name
GWEB (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

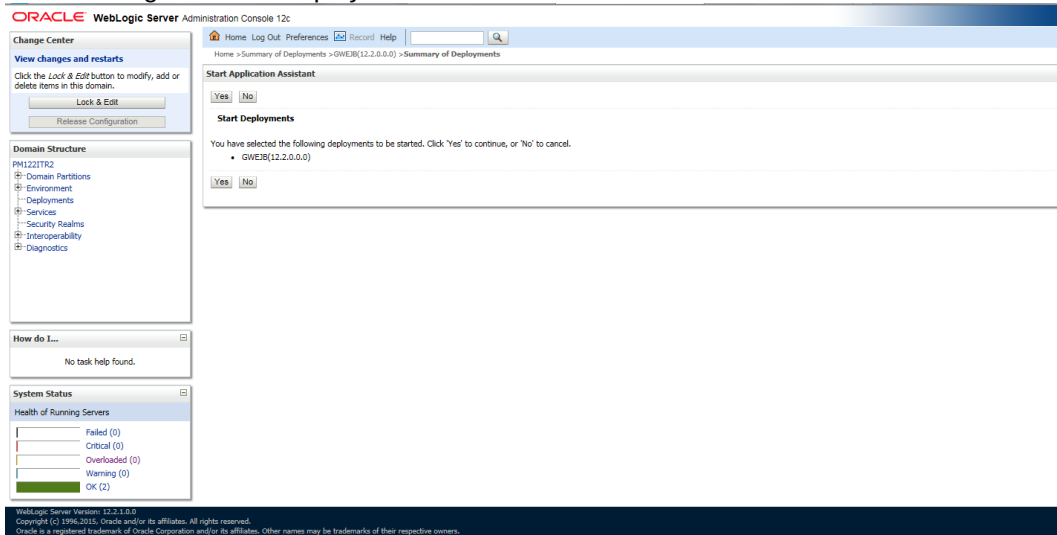
Deployments
Start | Stop | Show

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	
GWEB (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	

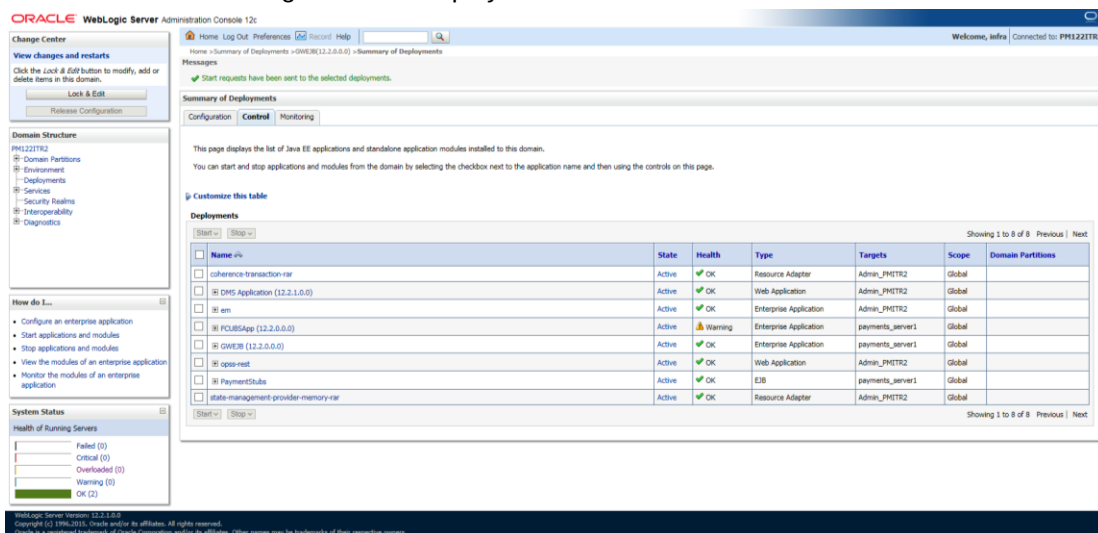
Showing 1 to 8 of 8 Prev

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
[Nov] [2021]
Version 14.5.3.0.0

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