

Deploying Oracle Banking Treasury Management Application
on WebLogic
Oracle Banking Treasury Management
Release 14.5.5.0.0
Part No. F56496-01
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1. Deploying Oracle Banking Treasury Management on WebLogic

1.1 Introduction

This chapter explains the steps to deploy Oracle Banking Treasury Management application into Oracle WebLogic application server.

1.2 Building Application

For building Oracle Banking Treasury Management Application, refer to the following chapters.

1.2.1 Building Application

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

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

1.3 Deploying Application in Oracle WebLogic

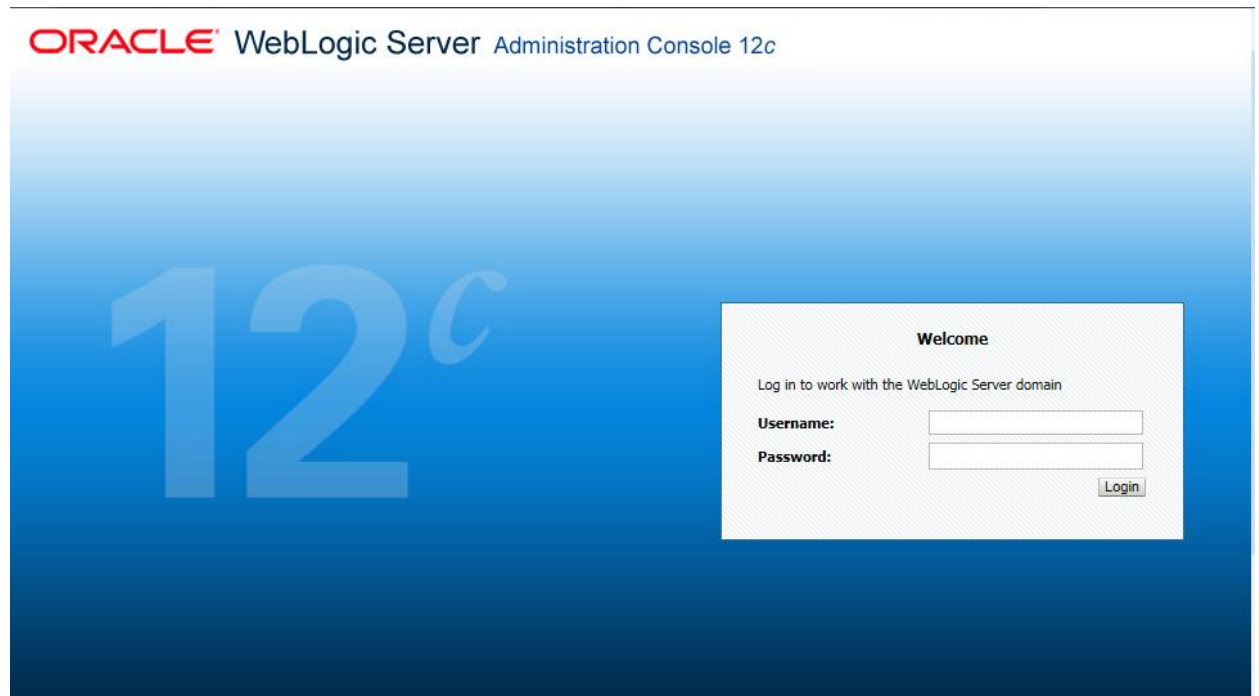
This section explains the method of deploying Oracle Banking Treasury Management Application into Oracle WebLogic application server.

1.3.1 Deploying Integration Adapter EAR from WebLogic Administration Console

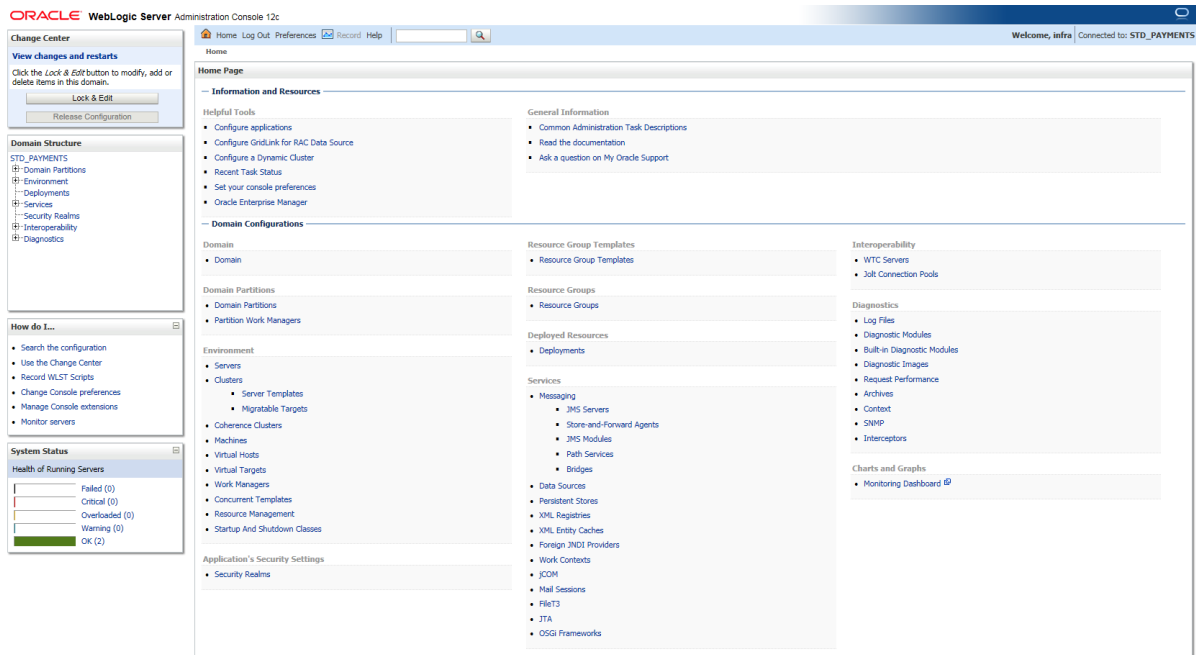
To deploy Oracle Banking Treasury Management Application from Oracle WebLogic administration console, follow the steps given below.

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'.



- ORACLE WebLogic Server Administration Console** | Home | Log Out | Preferences | Record | Help

Welcome, infra Connected to: STD_PAYMENTS

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 Services

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	Type	State	Health	Targets	Scope	Domain Partitions	Deployment Order
<input type="checkbox"/>	/adf.oracle.businesssector(1.0,12.2.1.0.0)	Library	Active		AdminServer_payments_pm_server1	Global		100
<input type="checkbox"/>	/adf.oracle.domain(1.0,12.2.1.0.0)	Library	Active		AdminServer_payments_pm_server1	Global		100
<input type="checkbox"/>	/adf.oracle.domain.webapp(1.0,12.2.1.0.0)	Library	Active		AdminServer_payments_pm_server1	Global		100
<input type="checkbox"/>	/coherence.transaction-var	Resource Adapter	Active	✓ OK	AdminServer_payments_pm_server1	Global		100
<input checked="" type="checkbox"/>	/CMS Application (12.2.1.0.0)	Web Application	Active	✓ OK	AdminServer_payments_pm_server1	Global		5
<input checked="" type="checkbox"/>	/esb	Enterprise Application	Active	✓ OK	AdminServer_payments	Global		400
<input type="checkbox"/>	/emagentadsking_jar(12.4.12.1.0.4.0)	Library	Active		AdminServer_payments	Global		100
<input type="checkbox"/>	/emagentadsking_jar(12.4.12.1.0.4.0)	Library	Active		AdminServer_payments	Global		100
<input type="checkbox"/>	/emagentadsk_jar(12.4.12.1.0.4.0)	Library	Active		AdminServer_payments	Global		100
<input type="checkbox"/>	/emas	Library	Active		AdminServer_payments	Global		100
<input type="checkbox"/>	/emencore	Library	Active		AdminServer_payments	Global		100
<input type="checkbox"/>	/emencoreclient_jar	Library	Active		AdminServer_payments	Global		100
<input type="checkbox"/>	/emencorecommon_jar	Library	Active		AdminServer_payments	Global		100
<input type="checkbox"/>	/emencoreconsole_jar	Library	Active		AdminServer_payments	Global		100
<input type="checkbox"/>	/emencorecsatck_jar(11.2.0.1.0,12.1.0.0.0)	Library	Active		AdminServer_payments	Global		100
<input type="checkbox"/>	/emencorecsa_jar	Library	Active		AdminServer_payments	Global		100
<input type="checkbox"/>	/emencorecsatckmp_jar(11.2.0.1.0,12.1.0.0.0)	Library	Active		AdminServer_payments	Global		100
<input type="checkbox"/>	/emencorecsatck_jar(11.2.0.1.0,12.1.0.0.0)	Library	Active		AdminServer_payments	Global		100
<input type="checkbox"/>	/emencore_jar	Library	Active		AdminServer_payments	Global		100
<input type="checkbox"/>	/em_common(12.4.12.1.0.4.0)	Library	Active		AdminServer_payments	Global		100
<input type="checkbox"/>	/em_core_rec_solo.jar	Library	Active		AdminServer_payments	Global		100

- ORACLE WebLogic Server® Administration Console

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: FCUBS11

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
 - Environments
 - 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 modular in an Enterprise application

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.

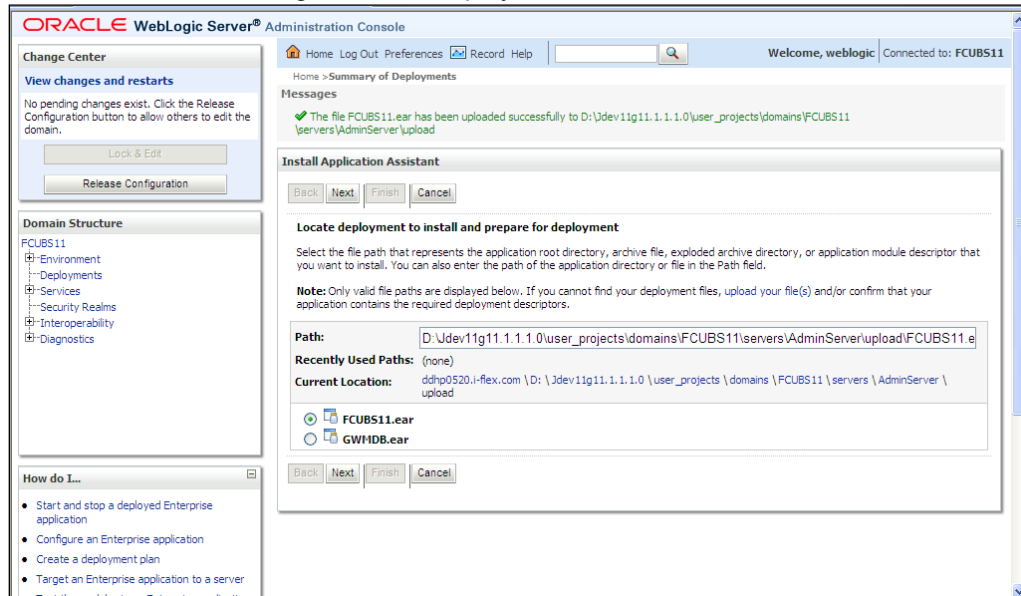
Path: D:\

Recently Used Paths: (none)

Current Location: ddhp0520.i-flex.com \D:
 - 11.0
 - 9NT1272
 - APPOINT SOFTWARE SOLUTIONS
 - backup
 - bea
 - bea11g
 - bea_100
 - BmDbs
 - ClearCase
 - CRC
 - Desktop
 - Documents and Settings

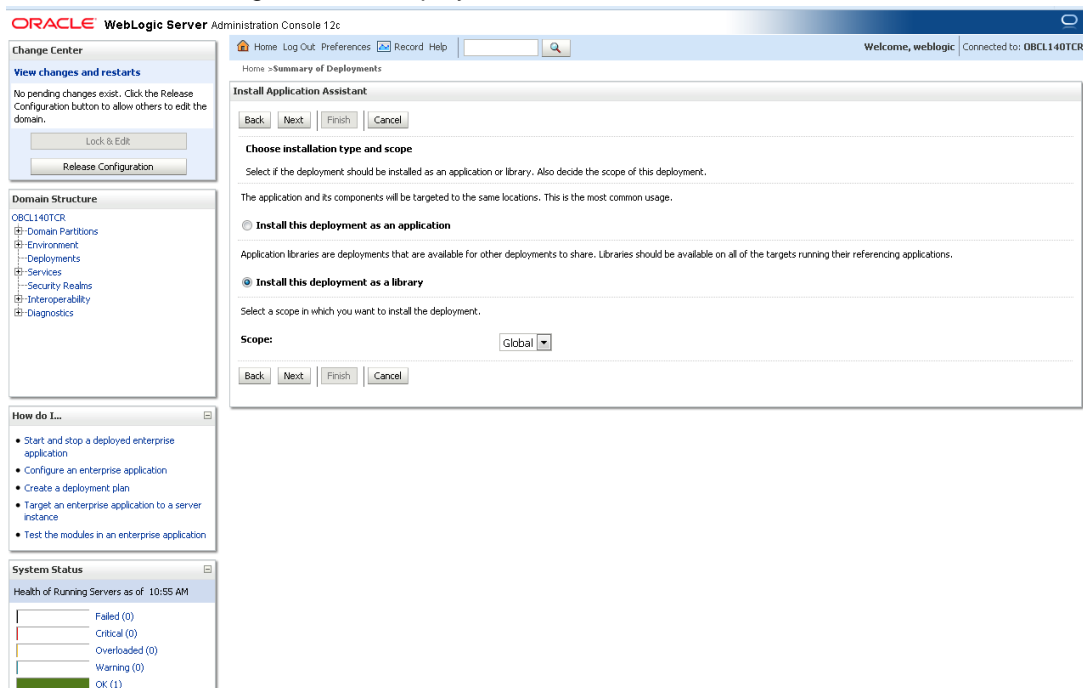
- ORACLE®

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



8. Select the application Adapter EAR from the list.

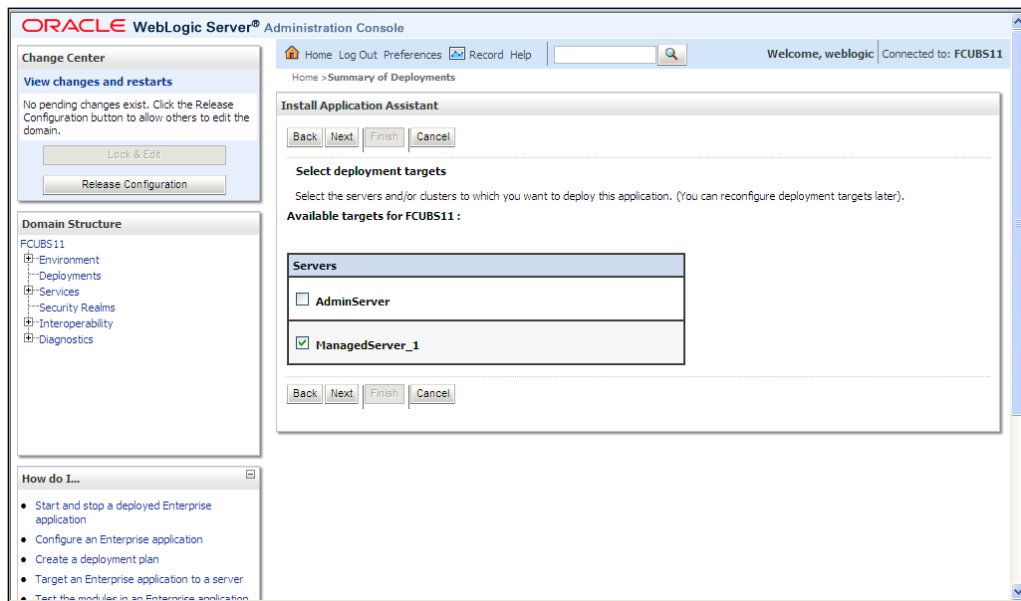
9. Click 'Next'. Following screen is displayed:



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

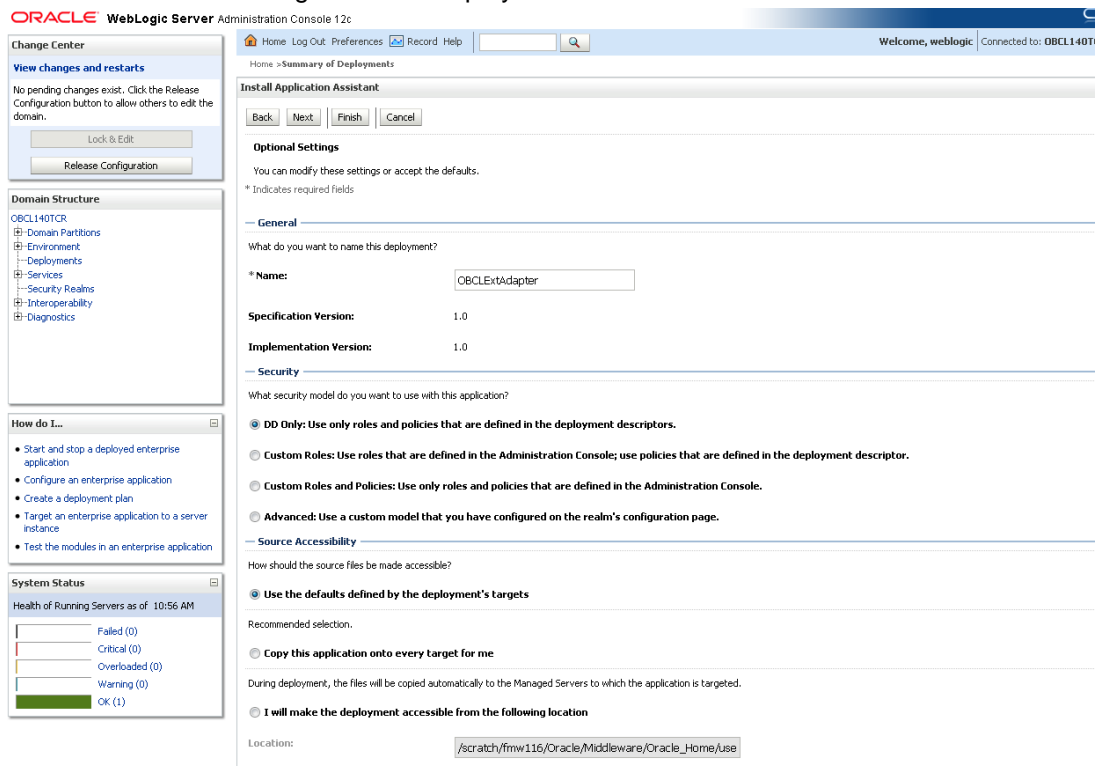
11. Click 'Next'.

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:

The screenshot shows the Oracle WebLogic Server Administration Console. On the left, there is a 'Change Center' panel with 'View changes and restarts' and 'Release Configuration' buttons. Below it is the 'Domain Structure' tree showing 'OBCL140TCR' and its sub-nodes. At the bottom left is the 'System Status' panel showing 'Health of Running Servers as of 10:57 AM' with a bar chart indicating 'OK (1)'. The main area is titled 'Install Application Assistant' and contains the following sections:

- Review your choices and click Finish:** A message stating 'Click Finish to complete the deployment. This may take a few moments to complete.'
- Additional Configuration:** A section asking 'In order to work successfully, this application may require additional configuration. Do you want to review this application's configuration after completing this assistant?'. The 'Yes, take me to the deployment's configuration screen.' radio button is selected.
- Summary:** A section showing deployment details:
 - Deployment:** /scratch/fmw116/Oracle/Middleware/Oracle_Home/user_projects/domains/OBCL140TCR/servers/AdminServer_OBCL140TCR/upload/OBCLExtAdapter.ear/app/OBCLExtAdapter.ear
 - Name:** OBCLExtAdapter
 - 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.
 - Scope:** Global
- Target Summary:** A table with two columns: 'Components' and 'Targets'.

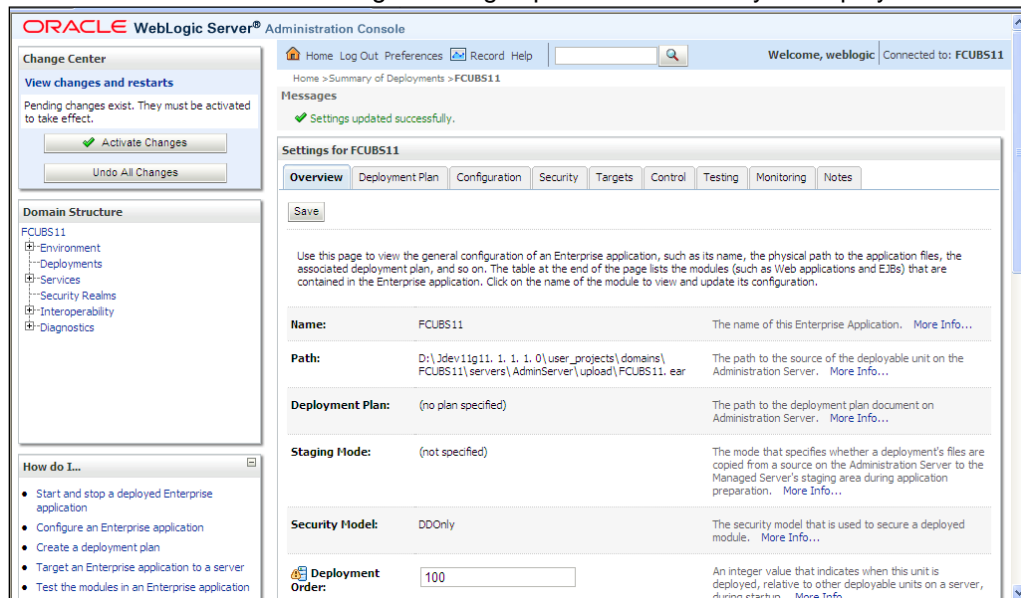
Components	Targets
OBCLExtAdapter.ear	AdminServer_OBCL140TCR

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

The screenshot shows the Oracle WebLogic Server Administration Console with the 'Settings for FCUBS11' page. The left sidebar is similar to the previous screenshot but with 'FCUBS11' in the domain structure. The main area has tabs for 'Overview', 'Deployment Plan', 'Configuration', 'Security', 'Targets', 'Control', 'Testing', 'Monitoring', and 'Notes'. The 'Overview' tab is active, showing a 'Save' button and a description: 'Use this page to view the general configuration of an Enterprise application, such as its name, the physical path to the application files, the associated deployment plan, and so on. The table at the end of the page lists the modules (such as Web applications and EJBs) that are contained in the Enterprise application. Click on the name of the module to view and update its configuration.'

Name:	FCUBS11	The name of this Enterprise Application. More Info...
Path:	D:\dev11g11.1.1.1.0\user_projects\domains\FCUBS11\servers\AdminServer\upload\FCUBS11.ear	The path to the source of the deployable unit on the Administration Server. More Info...
Deployment Plan:	(no plan specified)	The path to the deployment plan document on Administration Server. More Info...
Staging Mode:	(not specified)	The mode that specifies whether a deployment's files are copied from a source on the Administration Server to the Managed Server's staging area during application preparation. More Info...
Security Model:	DDOnly	The security model that is used to secure a deployed module. More Info...
Deployment Order:	100	An integer value that indicates when this unit is deployed, relative to other deployable units on a server, during startup. More Info...
Deployment		A string value that indicates what principal should be used when deploying the file or archive during startup.

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



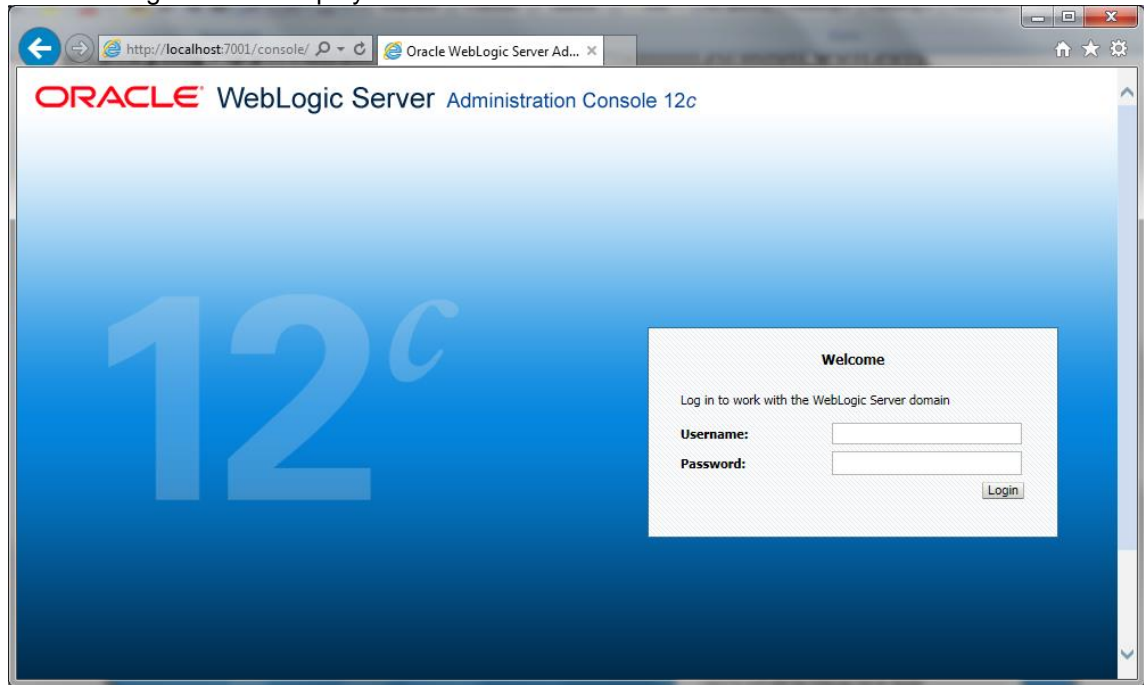
19. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

1.3.2 Deploying Dependency Library "Jax-RS"

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

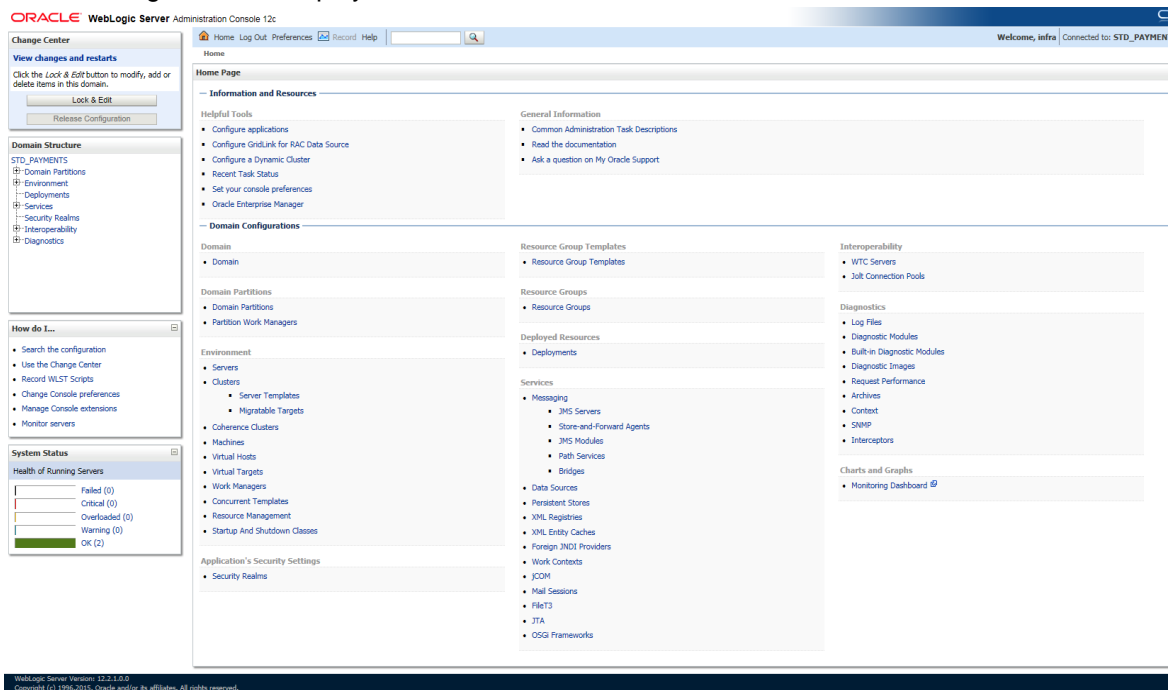
1. Start the Administrative Console of WebLogic application server. You can start this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.
Eg: <http://10.10.10.10:1001/console>

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_PAYMENTS

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 (redeploy) an enterprise application
• Monitor the modules of an enterprise application
• Deploy EJB modules
• Install a Web application

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

Summary of Deployments
Configuration Control Monitoring

This page displays the list of Java EE applications and standalone application modules installed to this domain.
You can update (redeploy) or delete installed applications and modules from the domain by selecting the checkbox next to the application name and then using the controls on this page.
To install a new application or module for deployment to targets in this domain, click **Install**.

Customize this table

Deployments
Install Update Delete

Name	State	Health	Type	Targets	Scope	Domain Partitions	Deployment Order
std.payments	Active		Library	AdminServer_payments, pm_server1	Global		100
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
emagenttaskimpl.jar(12.4,12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
emagenttaskimpl.jar(12.4,12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
emagenttask.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
emcoreend.jar(11.2.0.1.0,12.1.0.0.0)	Active		Library	AdminServer_payments	Global		100
emcoreepbs.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(11.2.0.1.0,12.1.0.0.0)	Active		Library	AdminServer_payments	Global		100
emcore.jar	Active		Library	AdminServer_payments	Global		100
emcommon(12.4,12.1.0.4.0)	Active		Library	AdminServer_payments	Global		100
em core ppc polo.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
SOADM3
Domain Partitions
Environment
Deployments
Services
Messaging
Data Sources
Persistent Stores
Foreign JNDI Providers
Work Contexts
XML Registries
XML Entity Caches
JCOM
Mail Sessions

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

System Status
Health of Running Servers as of 6:13 PM
Failed (0)
Critical (0)
Overloaded (0)
Warning (0)
OK (2)

Install Application Assistant
Back Next Finish Cancel

Locate deployment to install and prepare for deployment
Select the file path that represents the application root directory, archive file, exploded archive directory, or application module descriptor that you want to install. You can also enter the path of the application directory or file in the Path field.
Note: Only valid file paths are displayed below. If you cannot find your deployment files, Upload your file(s) and/or confirm that your application contains the required deployment descriptors.

Path: /scratch/app/bpm12212/user_projects/domains/SOADM3/servers/AdminServer/upload/jax-rs-2.0.war/app/jax-rs-2.0.war

Recently Used Paths: /scratch/app/bpm12212/user_projects/domains/SOADM3/servers/AdminServer/upload/FCUBS.ear/app

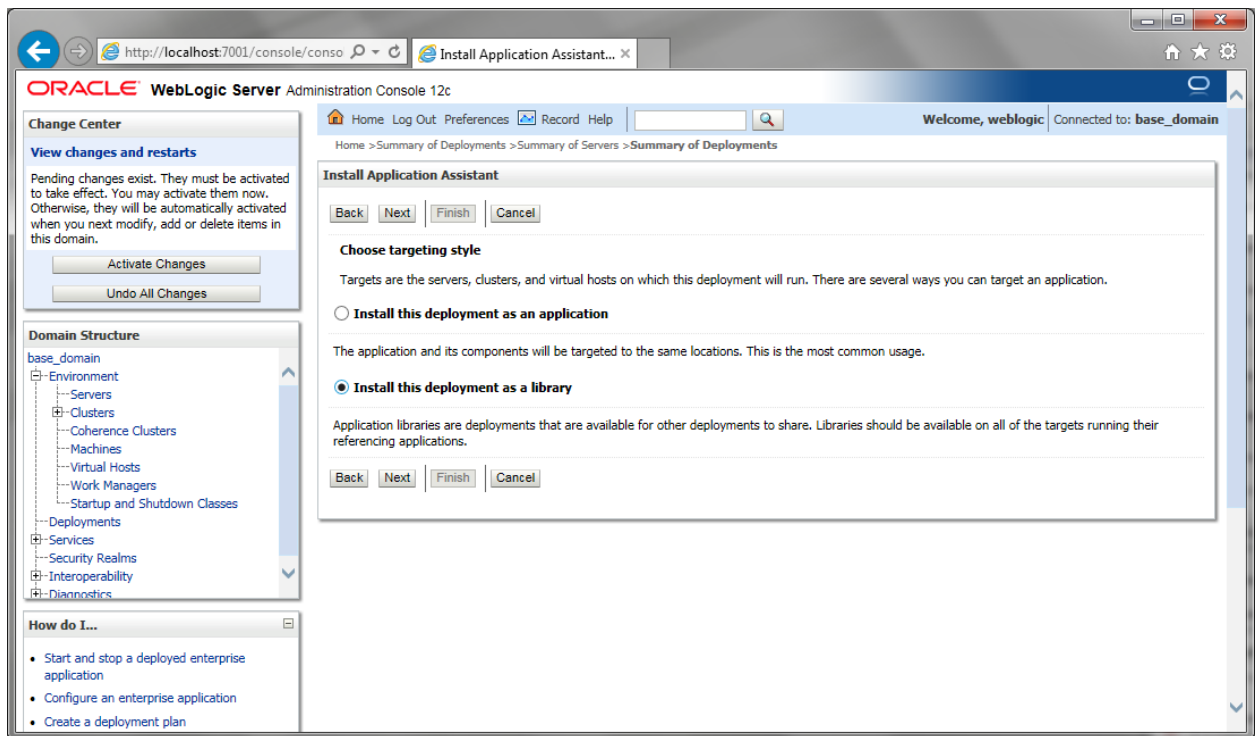
Current Location: 10.184.158.197 / scratch / app / bpm12212 / user_projects / domains / SOADM3 / servers / AdminServer / upload / jax-rs-2.0.war / app

jms

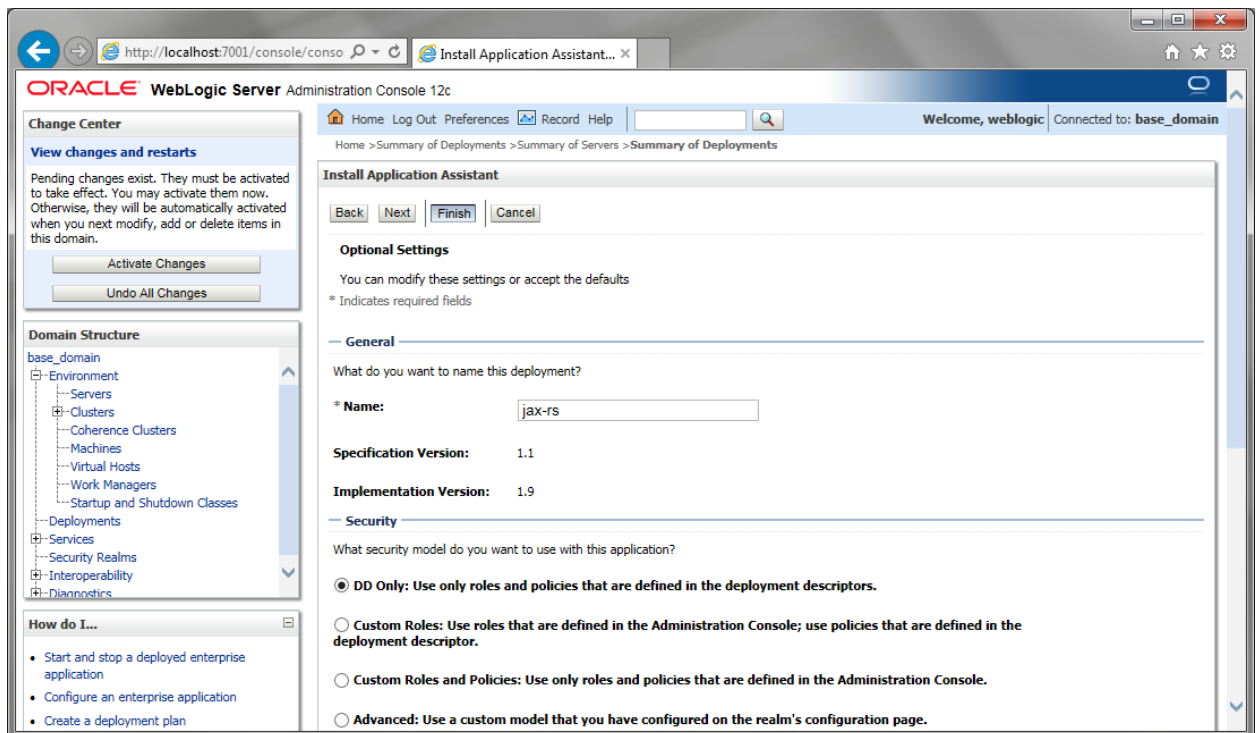
Back Next Finish Cancel

WebLogic Server Version: 12.2.1.2.0
Copyright (c) 1996-2016, Oracle and/or its affiliates. All rights reserved.

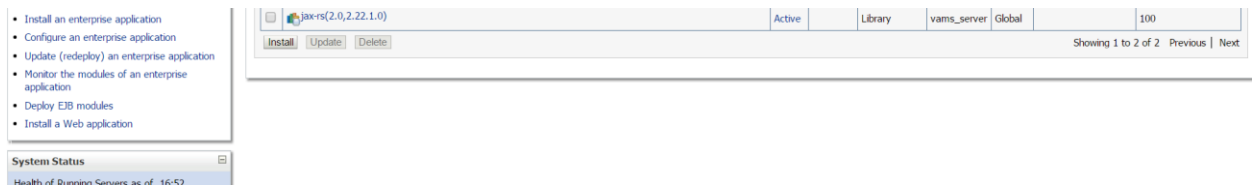
Navigate and select jersey bundle under the path “w\server\common\deployable-libraries\jax-rs-2.0.war” and click next



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”

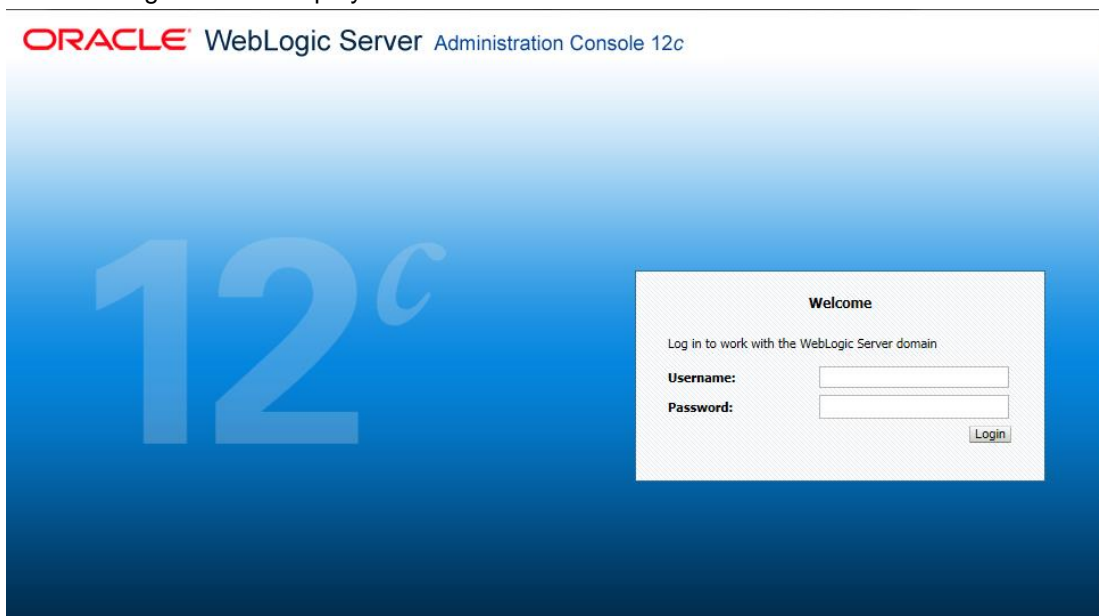
Note :- latest Jax-rs version will be jax-rs(2.0,2.22.1.0)

1.3.3 **Deploying OBTR Application from WebLogic Administration Console**

To deploy Oracle Banking Treasury Management 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:

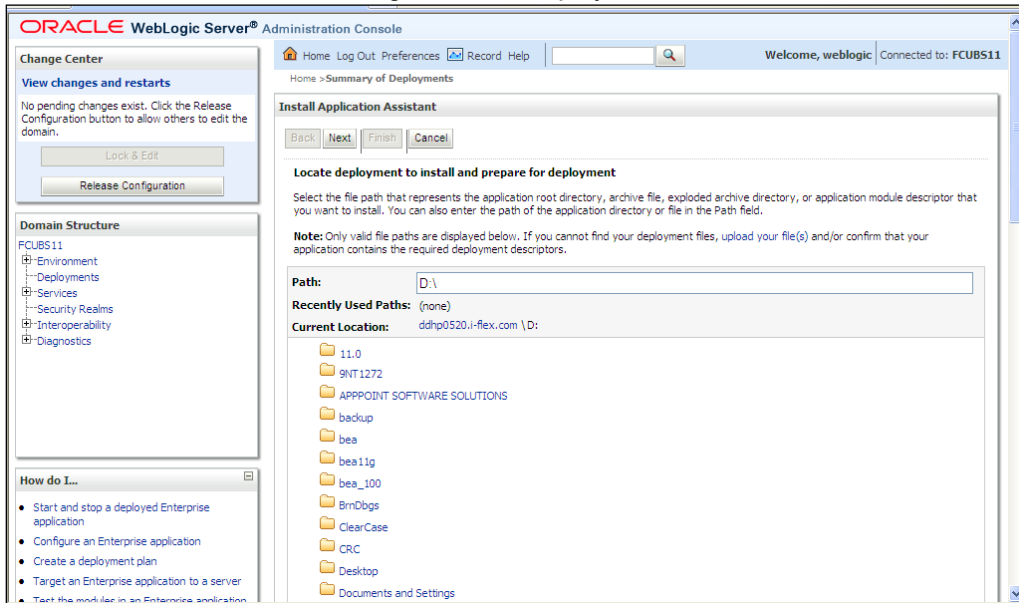
The screenshot displays the Oracle WebLogic Server Administration Console 12c Home Page. The top navigation bar includes links for Home, Log Out, Preferences, Record, and Help. The main content area is divided into several sections: 'Information and Resources' (Helpful Tools, General Information), 'Domain Configurations' (Domain, Domain Partitions, Environment, Servers, Clusters, Server Templates, Migrateable Targets, Coherence Clusters, Machines, Virtual Hosts, Virtual Targets, Work Managers, Concurrent Templates, Resource Management, Startup And Shutdown Classes), '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, XML Registries, XML Entity Caches, Foreign JNDI Providers, Work Contexts, JCOIN, Mail Sessions, FileT3, JTA, OSGI Frameworks), 'Interoperability' (WTC Servers, Jolt Connection Pools), 'Diagnostics' (Log Files, Diagnostic Modules, Built-in Diagnostic Modules, Diagnostic Images, Request Performance, Archives, Corba, SNMP, Interceptors), and 'Charts and Graphs' (Monitoring Dashboard). The left sidebar contains 'Change Center' (View changes and restarts, Lock & Edit, Release Configuration), '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), and 'System Status' (Health of Running Servers, Failed (0), Critical (0), Overloaded (0), Warning (0), OK (2)).

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

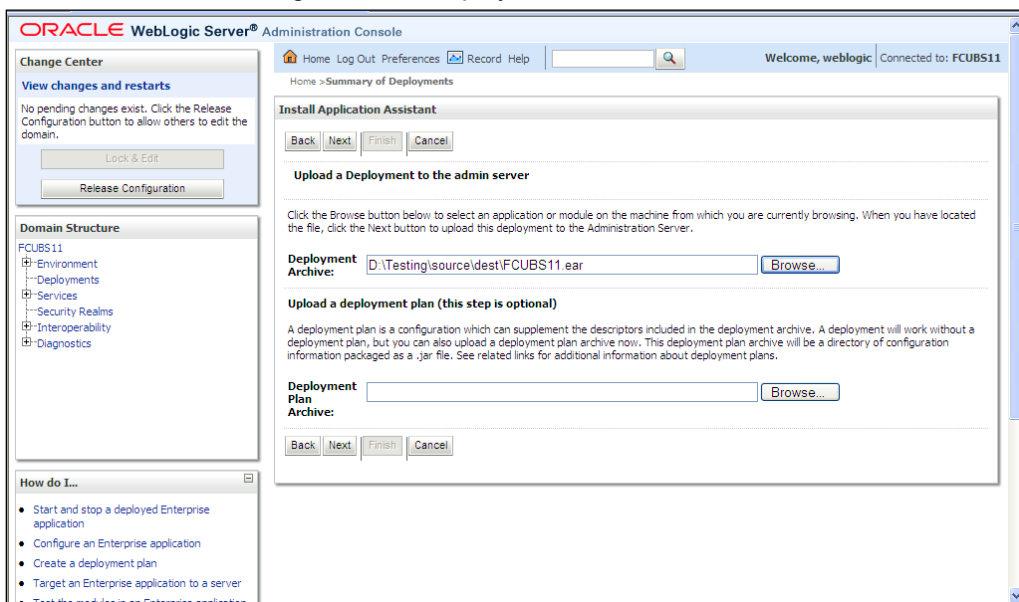
Click 'Lock & Edit' button to enable the buttons. This action enables the buttons.

The screenshot displays the Oracle WebLogic Server Administration Console 12c Summary of Deployments page. The page shows a table of deployed applications and modules. The table columns are Name, State, Health, Type, Targets, Scope, Domain Partitions, and Deployment Order. The table lists various applications and modules, including 'self.oracle.businesseditor(1.0,12.2.1.0.0)', 'self.oracle.domain(1.0,12.2.1.0.0)', 'self.oracle.domain.webapp(1.0,12.2.1.0.0)', 'coherence-transaction-war', 'JMS Application (12.2.1.0.0)', 'jms', 'jmsagentdimpl.jar(12.4.12.1.0.4.0)', 'jmsagentdimpl.jar(12.4.12.1.0.4.0)', 'jmsagentdimpl.jar(12.4.12.1.0.4.0)', 'jms', 'jmscore', 'jmscoreclient.jar', 'jmscorecommon.jar', 'jmscoreconsole.jar', 'jmscoreintl.jar(11.2.0.1.0,12.1.0.0.0)', 'jmscoreintl.jar', 'jmscoreintl.jar(11.2.0.1.0,12.1.0.0.0)', 'jmscoreintl.jar(11.2.0.1.0,12.1.0.0.0)', 'jmscoreintl.jar(11.2.0.1.0,12.1.0.0.0)', 'jmscore.jar', and 'jmscore.common(12.4,12.1.0.4.0)'. The 'State' column shows 'Active' for most items, and the 'Health' column shows 'OK' for most items.

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

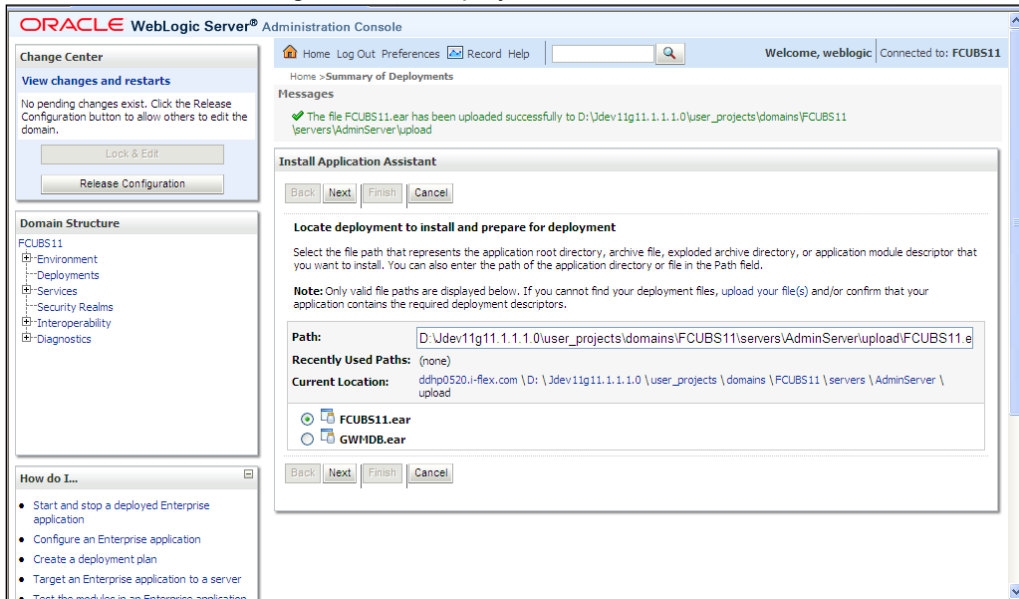


5. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.
6. Click 'Next'. The following screen is displayed:



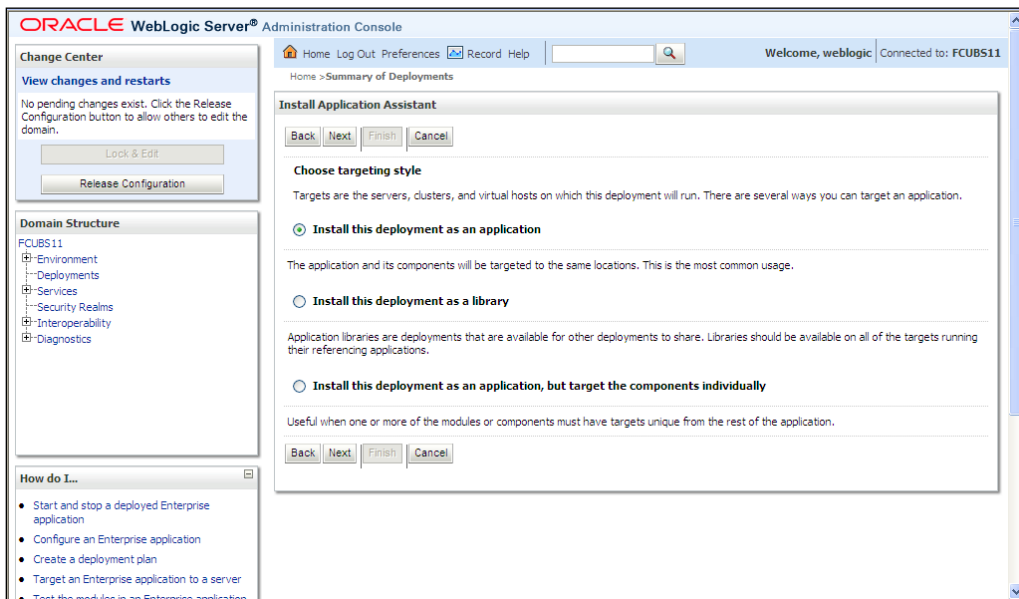
7. Specify the EAR file path. You can use the 'Browse' button to locate the file.

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



9. Select the application OBTR EAR created from the list.

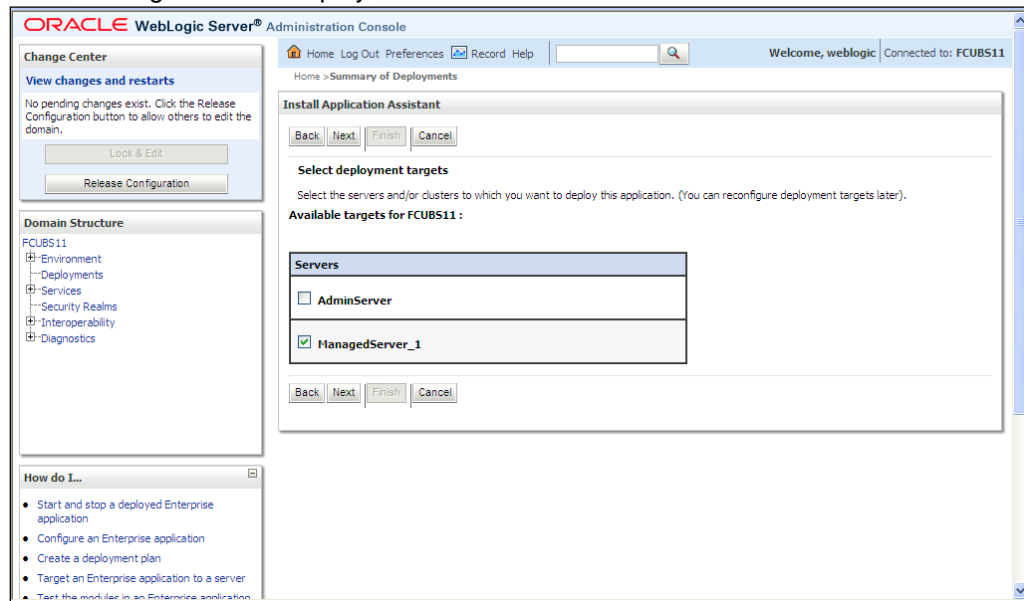
10. Click 'Next'. Following screen is displayed:



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

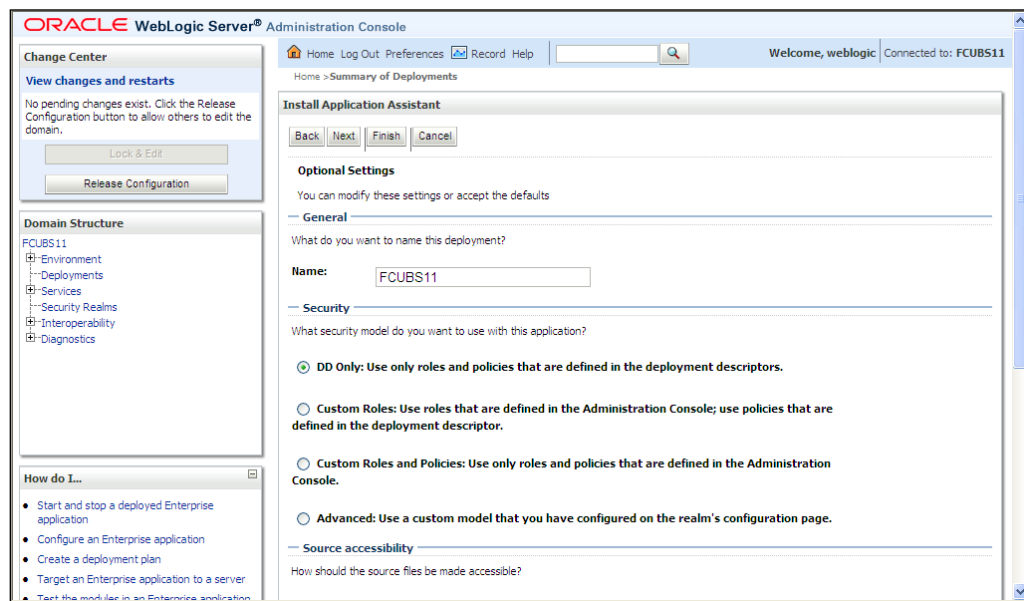
12. Click 'Next'.

The following screen is displayed



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

14. Click 'Next'. The following screen appears.



15. Check the deployment name.

The remaining portion of the screen is shown below:

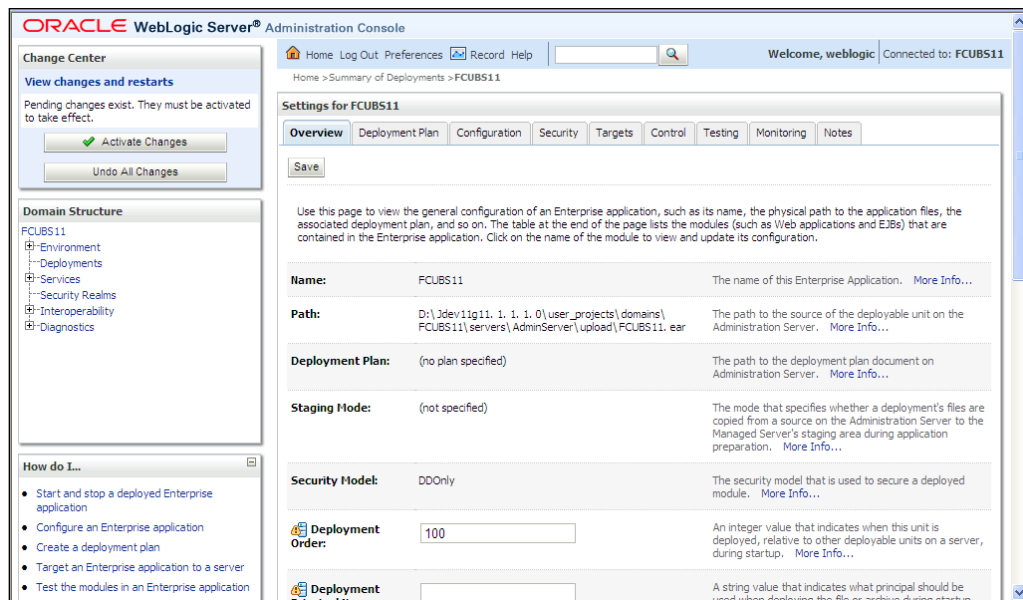
The screenshot shows the 'Security' and 'Source accessibility' configuration screens. On the left, there is a navigation pane with 'Security Realms', 'Interoperability', and 'Diagnostics'. Below it, a 'How do I...' section lists tasks like 'Start and stop a deployed Enterprise application'. The 'System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

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

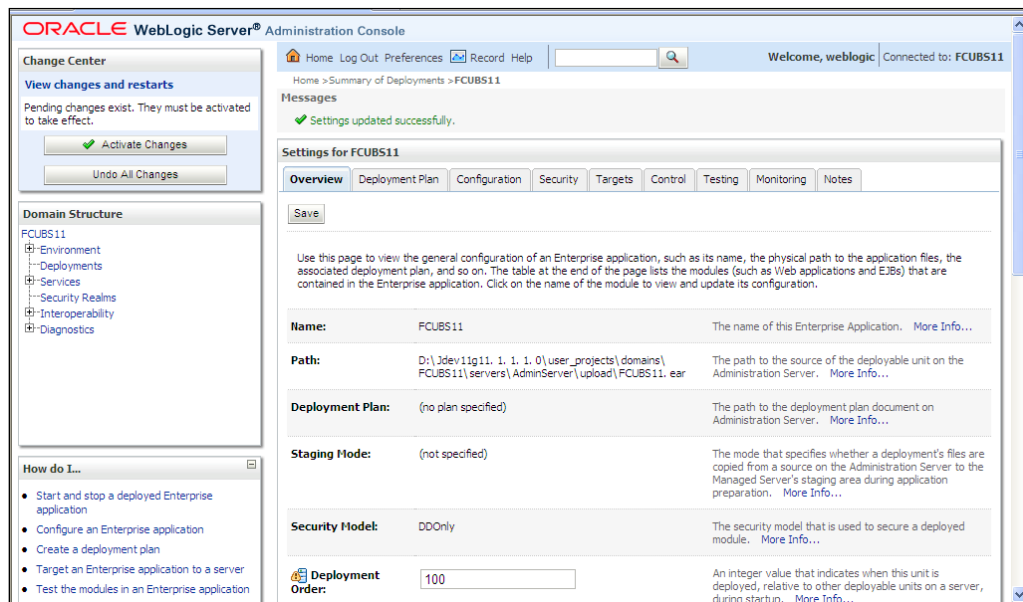
The following screen is displayed.

The screenshot shows the 'Install Application Assistant' screen. On the left, there is a navigation pane with 'Domain Structure' showing 'FCUBS11' and its sub-components: 'Environment', 'Deployments', 'Services', 'Security Realms', 'Interoperability', and 'Diagnostics'. Below it, a 'How do I...' section lists tasks like 'Start and stop a deployed Enterprise application'. The 'System Status' section shows 'Health of Running Servers'. The main content area is titled 'Install Application Assistant' and has a 'Review your choices and click Finish' section. It includes a 'Summary' section with 'Deployment' (D:\Udev11g11.1.1.0\user_projects\domains\FCUBS11\servers\AdminServer\upload\FCUBS11.ear), 'Name' (FCUBS11), 'Staging mode' (Use the defaults defined by the chosen targets), and 'Security Model' (DDOnly: Use only roles and policies that are defined in the deployment descriptors). Below this is a 'Target Summary' table with two columns: 'Components' and 'Targets'. The table shows 'FCUBS11.ear' as the component and 'ManagedServer_1' as the target. At the bottom, there are 'Back', 'Next', 'Finish', and 'Cancel' buttons.

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

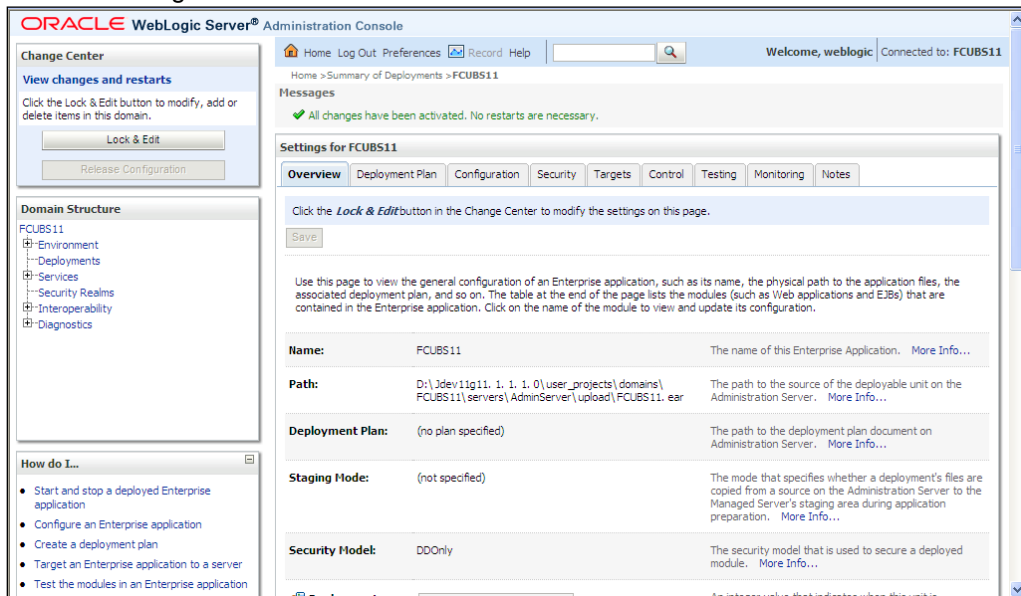


18. Click 'Save' button. The message 'Settings updated successfully' is displayed.

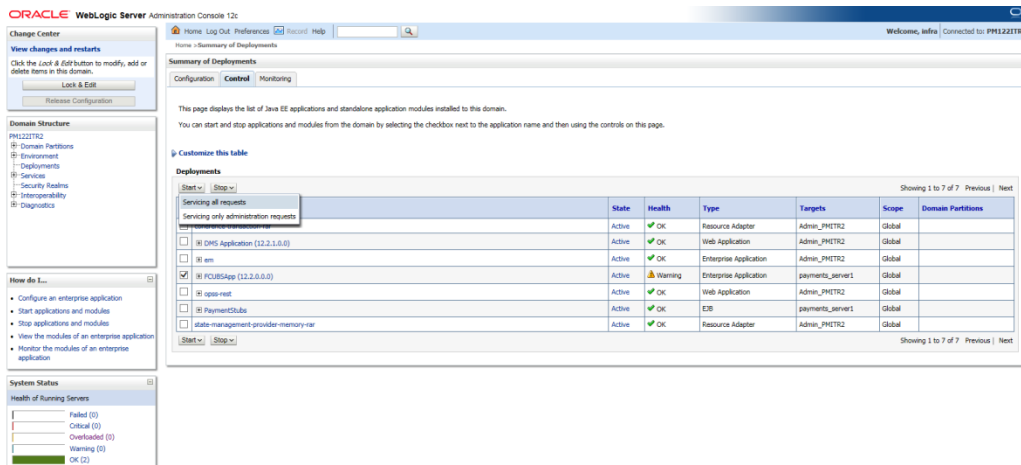


19. Click 'Activate Changes' button on the left pane. The message 'All the changes have been activated. No restarts are necessary' is displayed.

The screen is given below:

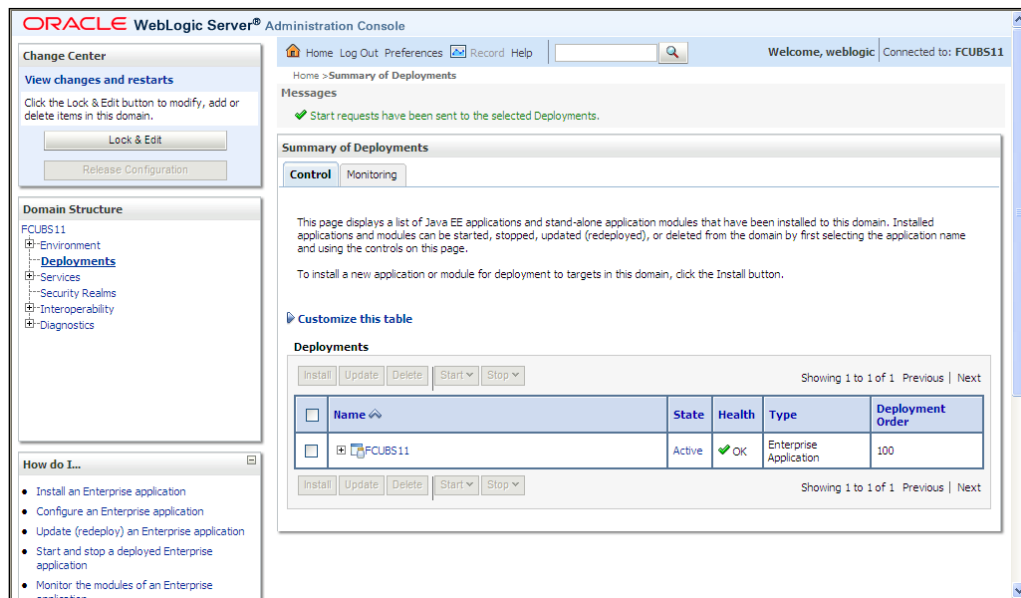
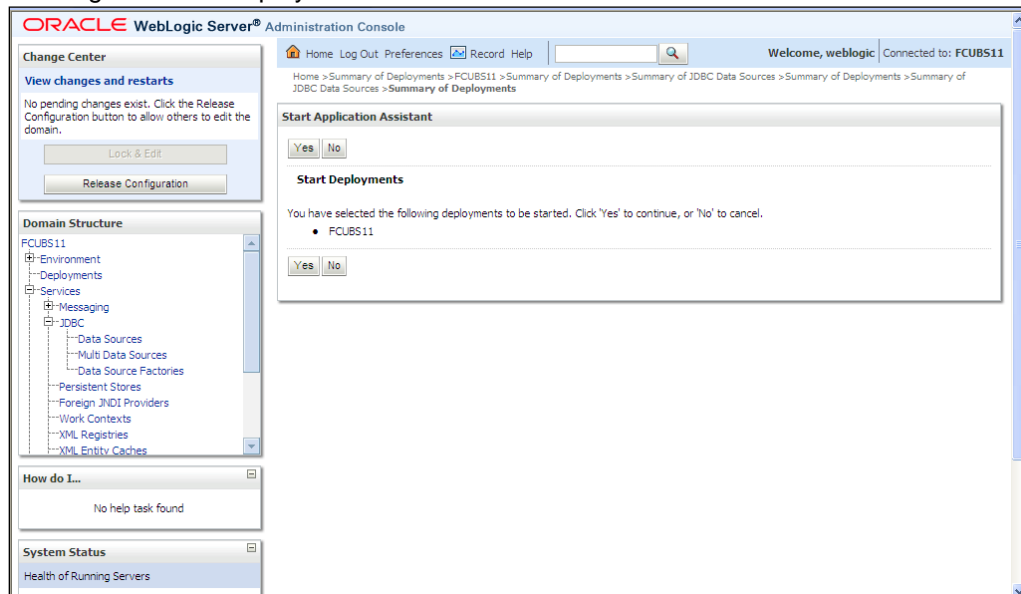


Click 'Deployment' on the left pane. Switch to Control tab .The following screen is displayed.



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 Banking Treasury Management Gateway/Scheduler Application from Oracle WebLogic administration console, follow the steps given below.

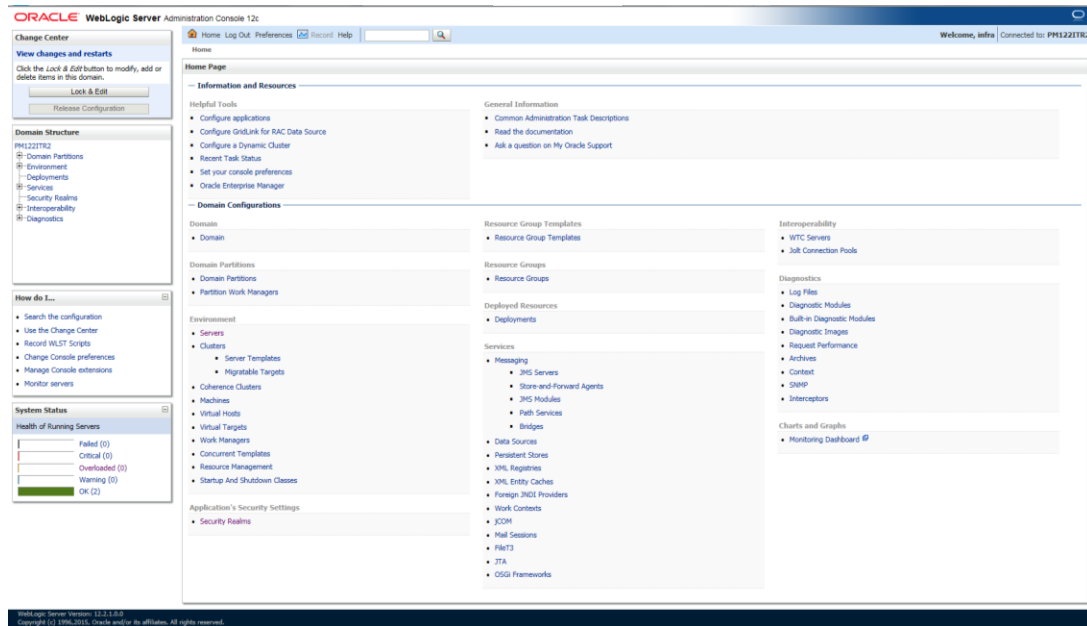
1. Launch Administrative Console of WebLogic application server. You can launch this by entering Oracle WebLogic Admin Console URL in the address bar in an internet browser.
Eg: <http://10.10.10.10:1001/console>

22. The following screen is displayed:



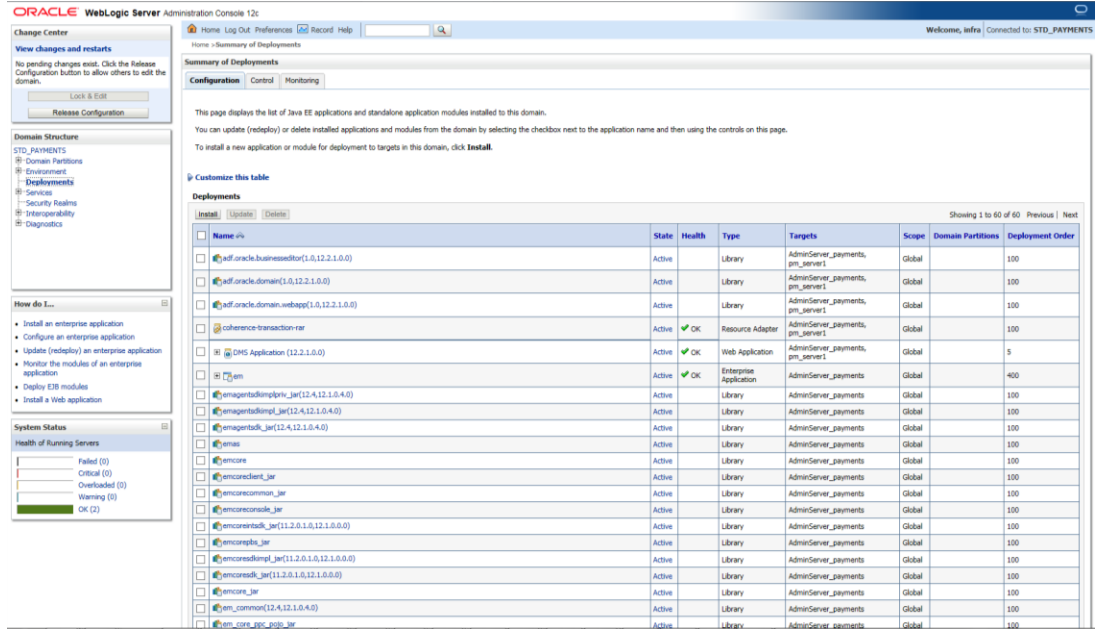
23. Specify the WebLogic administrator user name and password. Click 'Log In'.

The following screen is displayed:

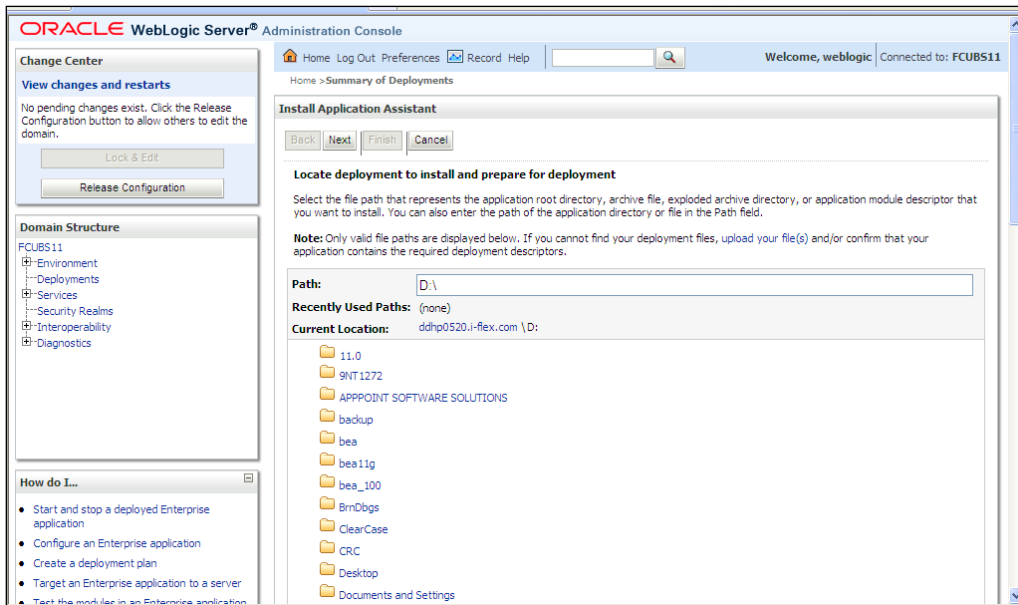


24. You need to deploy an EAR. For e.g. 'GWEJB.ear'. Go to 'Deployment'.

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

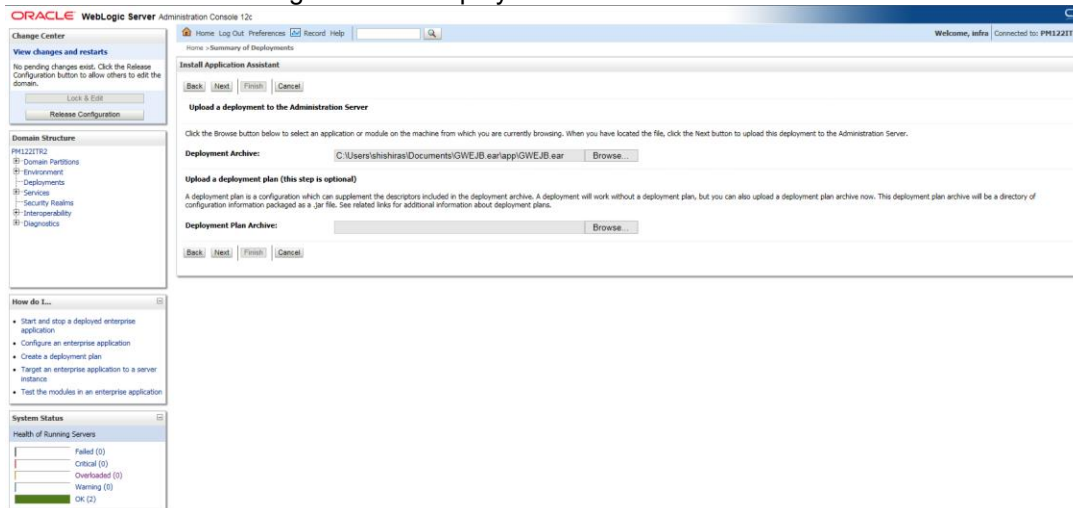


25. Click 'Install' button. The following screen is displayed:



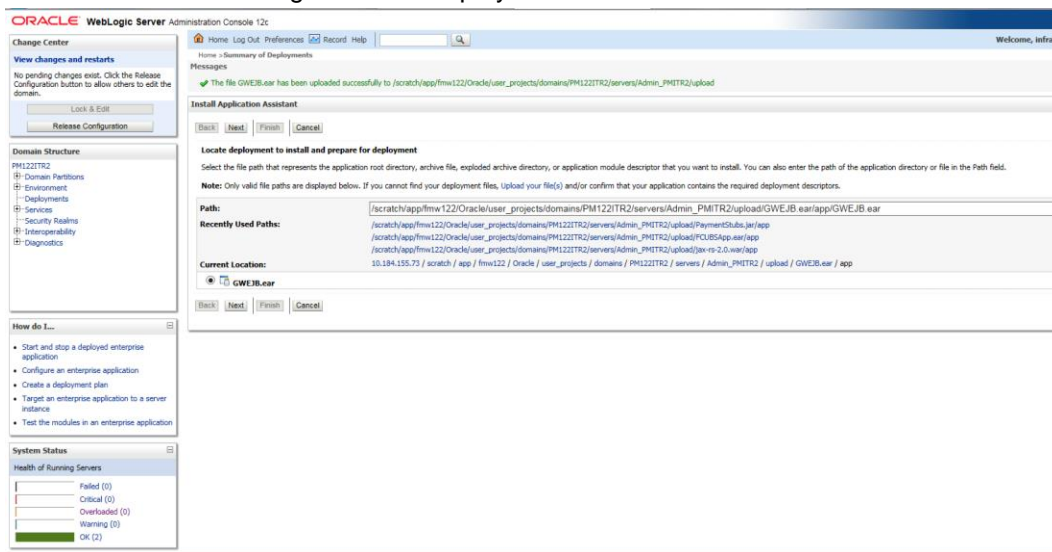
26. In order to specify the path/location of the enterprise archive file, click the link 'upload your file(s)'.

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:

The screenshot shows the 'Install Application Assistant' window in the Oracle WebLogic Server Administration Console 12c. The window has a sidebar on the left with sections: 'Change Center' (with 'View changes and restarts' and 'Release Configuration' buttons), 'Domain Structure' (a tree view showing 'PM1221TR2' and its sub-nodes: 'Domain Partitions', 'Environment', 'Deployments', 'Services', 'Security Realms', 'Interoperability', and 'Diagnostics'), 'How do I...' (a list of tasks), and 'System Status' (a 'Health of Running Servers' bar chart showing 'Failed (0)', 'Critical (0)', 'Overloaded (0)', 'Warning (0)', and 'OK (2)'). The main area is titled 'Install Application Assistant' and contains: 'Choose installation type and scope' with instructions and three radio buttons: 'Install this deployment as an application' (selected), 'Install this deployment as a library', and 'Install this deployment as an application, but target the components individually'; 'Scope:' with a dropdown menu set to 'Global'; and navigation buttons 'Back', 'Next', 'Finish', and 'Cancel'.

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

33. Click 'Next'.

The following screen is displayed

The screenshot shows the 'Select deployment targets' window in the Oracle WebLogic Server Administration Console 12c. The sidebar is identical to the previous screen. The main area is titled 'Select deployment targets' and contains: 'Select the servers and/or clusters to which you want to deploy this application. (You can reconfigure deployment targets later).'; 'Available targets for GWEJB :'; a table with two rows: 'Admin_PM1TR2' (unchecked) and 'payments_server1' (checked); and navigation buttons 'Back', 'Next', 'Finish', and 'Cancel'.

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.

Oracle WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

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

Locations: /scratch/app/v12212/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

36. Check the deployment name.

The remaining portion of the screen is shown below:

Oracle WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

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

Locations: /scratch/app/v12212/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

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_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: DDOOnly: Use only roles and policies that are defined in the deployment descriptors.

Scope: Global

Components	Targets
GWEJB.ear	payments_server1

Back Next Finish Cancel

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

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, admin | C...

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 resource template. [More Info...](#)

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

Path: /scratch/app/fmw122/Oracle/user_projects/domains/PM1221TR2/servers/Admin_PM1TR2/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...](#)

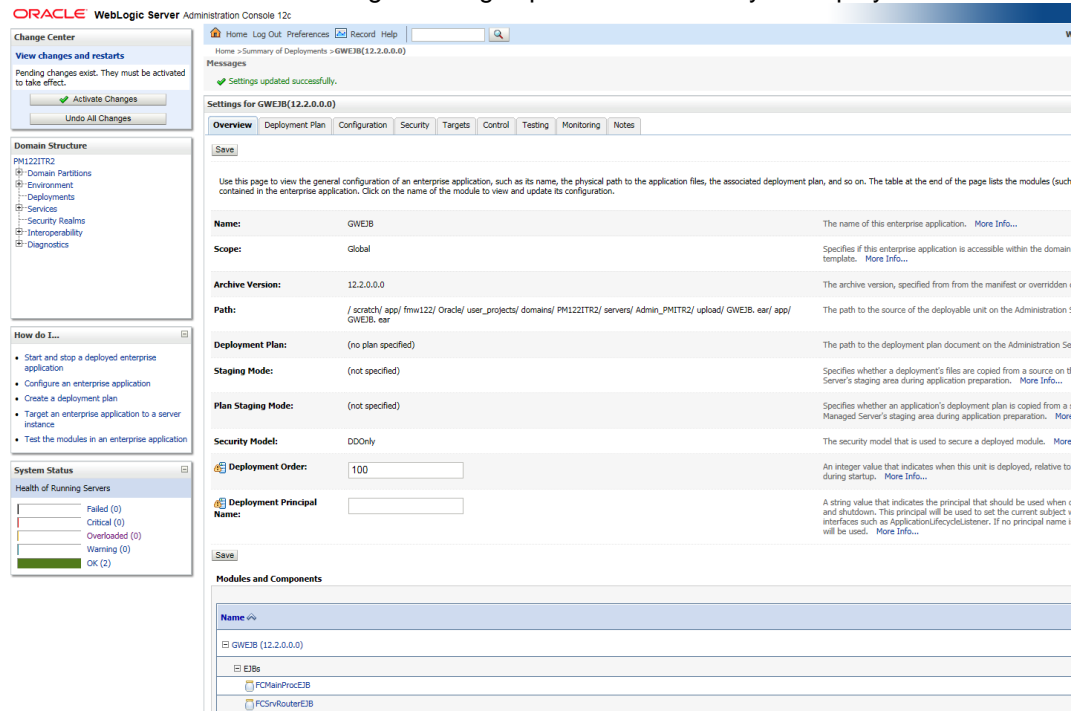
Deployment Principal Name: A string value that indicates the principal that should be used when deploying the file or arc and shutdown. This principal will be used to set the current subject when calling out into interfaces such as ApplicationLifecycleListener. If no principal name is specified, then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

Save

Modules and Components Showing 1 to 1 of 1

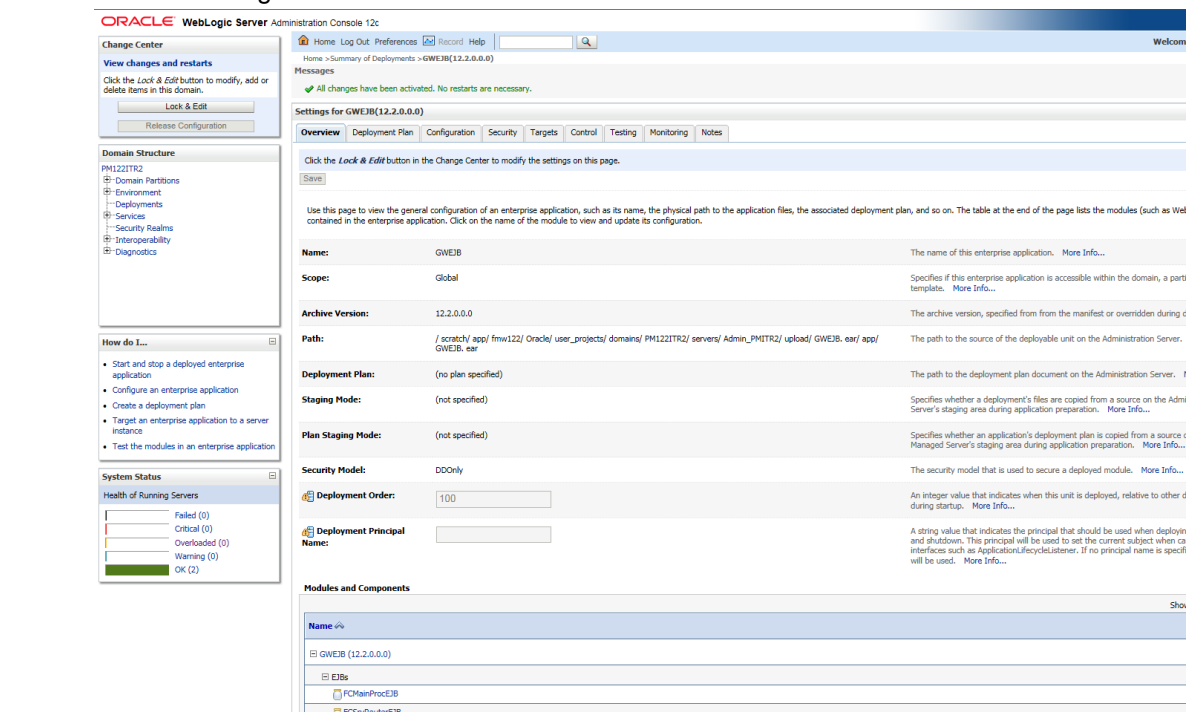
Name
GWEJB (12.2.0.0.0)
<ul style="list-style-type: none"> EDB PCMainProcEJB PCSnvRouterEJB GWEJB

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:



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

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, infra Connected to

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

Summary of Deployments

Configuration Control Monitoring

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

You can start and stop applications and modules from the domain by selecting the checkbox next to the application name and then using the controls on this page.

Customize this table

Deployments

Start Stop

Servicing all requests

Servicing only administration requests

	State	Health	Type	Targets	Scope	Domain Partition
<input checked="" type="checkbox"/> GWEJB(12.2.0.0.0)	Active	OK	Resource Adapter	Admin_PMTIR2	Global	
<input type="checkbox"/> DMS Application (12.2.1.0.0)	Active	OK	Web Application	Admin_PMTIR2	Global	
<input type="checkbox"/> em	Active	OK	Enterprise Application	Admin_PMTIR2	Global	
<input type="checkbox"/> 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"/> opss-rest	Active	OK	Web Application	Admin_PMTIR2	Global	
<input type="checkbox"/> PaymentStubs	Active	OK	EJB	payments_server1	Global	
<input type="checkbox"/> state-management-provider-memory-rar	Active	OK	Resource Adapter	Admin_PMTIR2	Global	

Showing 1 to 8 of 8 Prev

Start Stop

Showing 1 to 8 of 8 Prev

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

41. The following screen is displayed.

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, infra Connected to

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

Start Application Assistant

Yes No

Start Deployments

You have selected the following deployments to be started. Click 'Yes' to continue, or 'No' to cancel.

- GWEJB(12.2.0.0.0)

Yes No

WebLogic Server Version: 12.2.1.0.0
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42. Click 'Yes'. The following screen is displayed.

The screenshot shows the Oracle WebLogic Server Administration Console. The main content area is titled 'Summary of Deployments' and displays a table of deployed applications and modules. The table has columns for Name, State, Health, Type, Targets, Scope, and Domain Partitions. The left sidebar shows the Domain Structure and System Status.

Name	State	Health	Type	Targets	Scope	Domain Partitions
coherence-transaction-war	Active	OK	Resource Adapter	Admin_PMTSR2	Global	
CMS Application (12.2.1.0.0)	Active	OK	Web Application	Admin_PMTSR2	Global	
em	Active	OK	Enterprise Application	Admin_PMTSR2	Global	
FCMBSApp (12.2.0.0.0)	Active	Warning	Enterprise Application	payments_server1	Global	
GWSS (12.2.0.0.0)	Active	OK	Enterprise Application	payments_server1	Global	
ipay-rest	Active	OK	Web Application	Admin_PMTSR2	Global	
PaymentStub	Active	OK	EDB	payments_server1	Global	
state-management-provider-memory-war	Active	OK	Resource Adapter	Admin_PMTSR2	Global	

This completes the deployment process.

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



Deploying Oracle Banking Treasury Management on WebLogic

[May] [2022]

Version 14.6.0.0.0

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