# Oracle® Banking Corporate Lending Deploy Oracle Banking Corporate Lending Application on WebLogic





Oracle Banking Corporate Lending Deploy Oracle Banking Corporate Lending Application on WebLogic, Release 14.8.1.0.0

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#### **Preface**

This topic contains the following sub-topics:

- Purpose
- Acronyms and Abbreviations
- <u>Audience</u>
- Critical Patches
- Conventions
- Documentation Accessibility
- Diversity and Inclusion
- Related Resources
- Screenshot Disclaimer

## Purpose

This manual is designed to help acquaint you to deploy Oracle Banking Corporate Lending application into Oracle WebLogic application server.

# **Acronyms and Abbreviations**

The list of the acronyms and abbreviations used in this guide are as follows:

Table 1 Acronyms and Abbreviations

| Abbreviation | Description                                 |
|--------------|---|
| EAR          | Enterprise Archive                          |
| EJB          | Enterprise Java Bean                        |
| FCUBS        | Oracle FLEXCUBE Universal Banking Solutions |
| GW           | Gateway                                     |
| GWWS         | Gateway Web Services                        |
| MDB          | Message Driven Beans                        |
| OBCL         | Oracle Banking Corporate Lending            |

#### **Audience**

This manual is intended for the following User/User Roles:



Table 2 Audience

| Role                | Function  |
|---------------------|---|
| Administrator       | Who controls the system and application parameters and ensures smooth functionality and flexibility of the banking application. |
| Implementation team | Implementation of Oracle Banking Corporate Lending Solution   |
| Pre-sales team      | Install Oracle Banking Corporate Lending for demo purpose   |
| Bank personnel      | Who installs Oracle Banking Corporate Lending   |

The user of this manual is expected to have basic understanding of Oracle Banking Application installation.

#### **Critical Patches**

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at Critical Patches, Security Alerts and Bulletins. All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by Oracle Software Security Assurance.

#### Conventions

The following text conventions are used in this document:

Table 3 Conventions

| Convention | Meaning  |
|------------|--|
| boldface   | Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.         |
| italic     | Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.                          |
| monospace  | Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter. |

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Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and



the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

## **Related Resources**

For more information on any related features, refer to the following documents:

- Oracle Banking Corporate Lending User Guides.
- Oracle Banking Corporate Lending Installation Guides.

#### Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

# Deploy Oracle Banking Corporate Lending on WebLogic

This topic explains the steps to deploy Oracle Banking Corporate Lending 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.

This topic contains the following sub-topics:

#### Build Application

This topic describes building of Oracle Banking Corporate Lending application in centralized and decentralized modes.

Deploy Application in Oracle WebLogic

This topic explains the methods of deploying Oracle Banking Corporate Lending Application into Oracle WebLogic application server.

## 1.1 Build Application

This topic describes building of Oracle Banking Corporate Lending application in centralized and decentralized modes.

This topic contains the following sub topics:

- <u>Build Application in Centralized Mode</u>
  This topic describes the process of building application in centralized mode.
- <u>Build Application in Decentralized Mode</u>
   This topic describes the process of building application in decentralized mode.

#### 1.1.1 Build Application in Centralized Mode

This topic describes the process of building application in centralized mode.

The centralized mode includes the following details:

- Create Property File
- Build Centralized EAR File
- Configure Plug-ins
- Load Properties File

#### 1.1.2 Build Application in Decentralized Mode

This topic describes the process of building application in decentralized mode.

The decentralized mode includes the following details:

- Create Property File
- Build Decentralized EAR File



- Configure Plug-ins
- · Load Properties File

# 1.2 Deploy Application in Oracle WebLogic

This topic explains the methods of deploying Oracle Banking Corporate Lending Application into Oracle WebLogic application server.

This topic contains the following sub-topics:

- Deploy Integration Adapter EAR from WebLogic Administration Console
   This topic explains the systematic instructions to deploy integration adapter EAR from WebLogic administration console.
- <u>Deploy Dependency Library "Jax-RS"</u>
   This topic explains the systematic instructions to deploy the dependency library Jax-RS.
- Deploy Oracle Banking Corporate Lending Application from WebLogic Administration Console
  - This topic explains the systematic instructions to deploy Oracle Banking Corporate Lending application from WebLogic administration console.
- <u>Deploy Gateway/Scheduler Applications from WebLogic Administration Console</u>
   This topic provides the systematic instructions to deploy Gateway/Scheduler applications from WebLogic administration console.

# 1.2.1 Deploy Integration Adapter EAR from WebLogic Administration Console

This topic explains the systematic instructions to deploy integration adapter EAR from WebLogic administration console.

To deploy the Oracle Banking Corporate Lending application from the Oracle WebLogic administration console, follow the steps below:

 Start the Administrative Console of the WebLogic application server. Specify the Oracle WebLogic Admin Console URL in the address bar in an internet browser. For example: http://10.10.10.10:1001/console

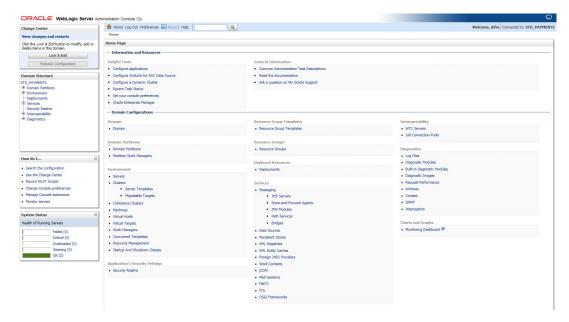
The Oracle Weblogic Server - Welcome screen displays.

Figure 1-1 Oracle Weblogic Server - Welcome



Specify the WebLogic administrator Username and Password and click Log In.
 The Oracle Weblogic Server - Home screen displays.

Figure 1-2 Oracle Weblogic Server - Home



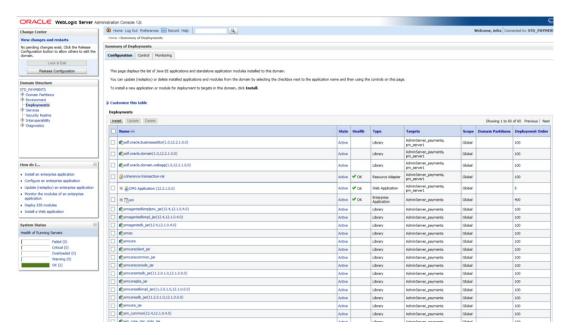
- 3. Deploy an Integration adapter EAR. For e.g. OBCLExtAdapter.ear or ExtAdapter.ear.
- 4. Go to **Deployment**.
- 5. Click the **Lock & Edit** button to enable the buttons.

This action enables the buttons on the screen.

The **Summary of Deployments** screen displays.



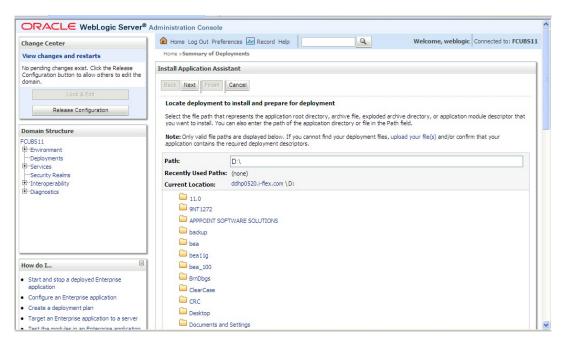
Figure 1-3 Summary of Deployments



Click Install.

The **Install Application Assistant** window displays.

Figure 1-4 Install Application Assistant

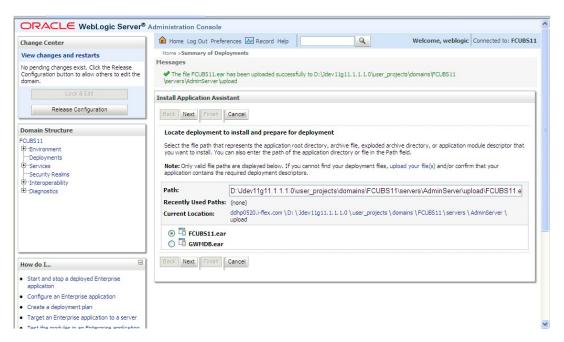


- 7. To specify the path/location of the enterprise archive file, click the upload your file(s) link.
- 8. Specify the EAR file path. Click the **Browse** button to locate the file.
- 9. Click Next.

The Install Application Assistant - Messages window displays.



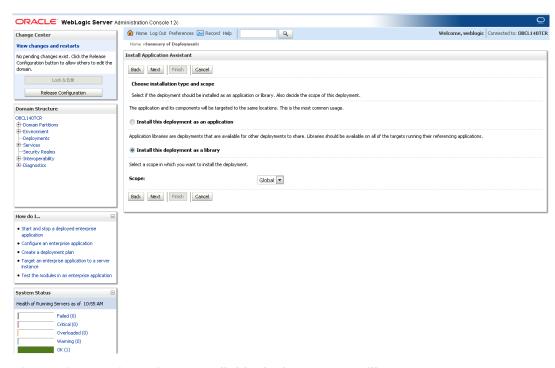
Figure 1-5 Install Application Assistant - Message



- **10.** Select the application Adapter EAR from the list.
- 11. Click Next.

The Install Application Assistant - Choose Installation Type and Scope window displays.

Figure 1-6 Install Application Assistant - Choose Installation Type and Scope

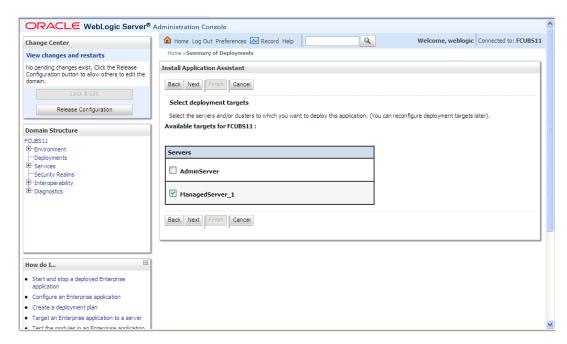


- 12. Choose the targeting style as **Install this deployment as a library**.
- 13. Click Next.



The Install Application Assistant - Select Deployment Targets window displays.

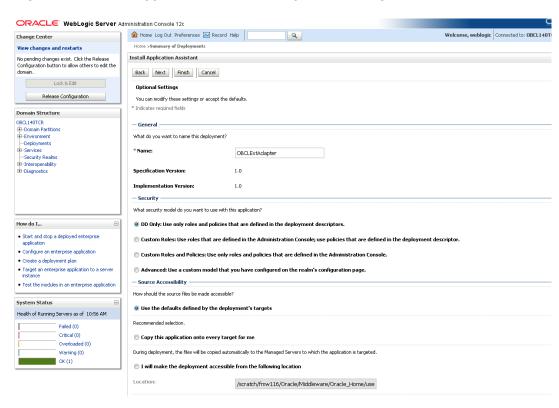
Figure 1-7 Install Application Assistant - Select Deployment Targets



- Select the target of the application. Choose the server AdminServer or Managed Server(s).
- 15. Click Next.

The Install Application Assistant - Optional Settings window displays.

Figure 1-8 Install Application Assistant - Optional Settings

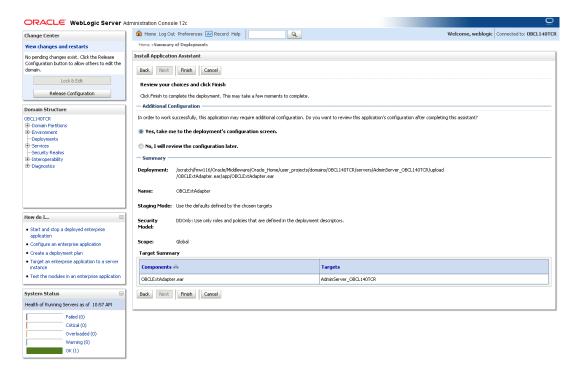




#### 16. Check the deployment name.

The Install Application Assistant - Review your choices window displays.

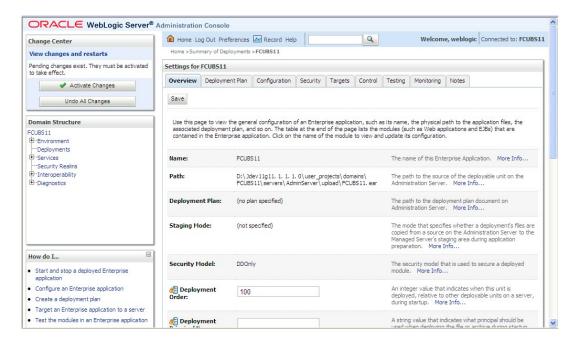
Figure 1-9 Install Application Assistant - Review your choices



#### 17. Click Finish.

The **Settings for FCUBS11 - Overview** screen displays.

Figure 1-10 Settings for FCUBS11 - Overview

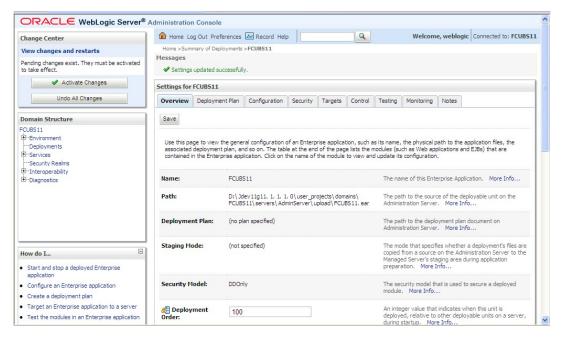




#### 18. Click Save.

A message displays on the **Settings for FCUBS11 - Message** window confirming that the setting updated successfully.

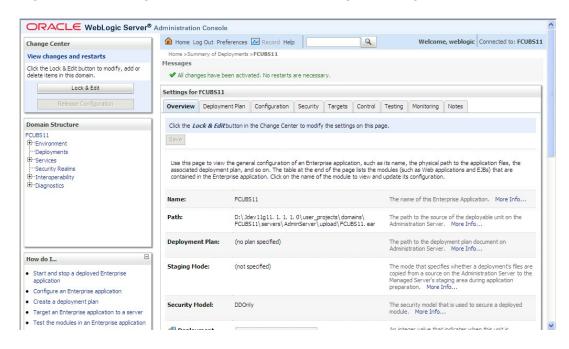
Figure 1-11 Settings for FCUBS11 - Message



#### 19. Click the Activate Changes on the left pane.

The message displays on the **Settings for FCUBS11** window stating that All the changes have been activated. No restarts are necessary.

Figure 1-12 Settings for FCUBS11 - Activate Changes Message





#### 1.2.2 Deploy Dependency Library "Jax-RS"

This topic explains the systematic instructions to deploy the dependency library Jax-RS.

The Jax-RS library must be installed before deploying OBCL.ear. Follow the below steps:

 Start the Administrative Console of the WebLogic application server. Enter the Oracle WebLogic Administration Console URL in the address bar in an internet browser. For example: http://10.10.10.10.1001/console

The Oracle Weblogic Server - Welcome screen displays.

Figure 1-13 Oracle Weblogic Server - Welcome

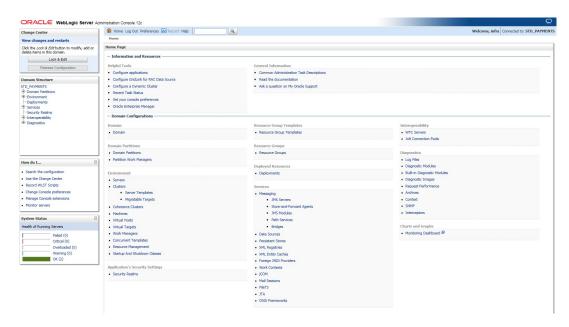


2. Specify the WebLogic administrator **Username** and **Password** and click **Log In**.

Oracle Weblogic Server - Home Page screen displays.



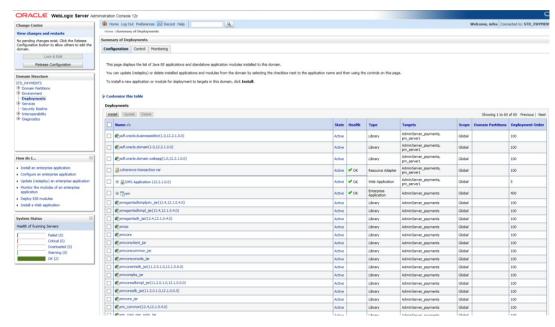
Figure 1-14 Oracle Weblogic Server - Home Page



3. Go to **Deployments**.

The **Summary of Deployments** screen displays.

Figure 1-15 Summary of Deployments

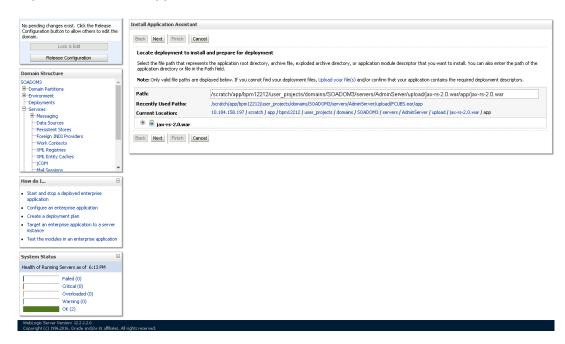


4. Click the **Install** button.

The Install Application Assistant - Installation Location window displays.



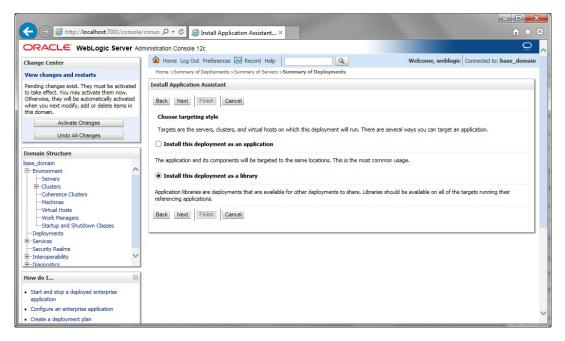
Figure 1-16 Install Application Assistant - Installation Location



 Navigate and select jersey bundle under the path wlserver\common\deployablelibraries\jax-rs2.0.war and click Next.

The Install Application Assistant - Choose targeting style window displays.

Figure 1-17 Install Application Assistant - Choose targeting style

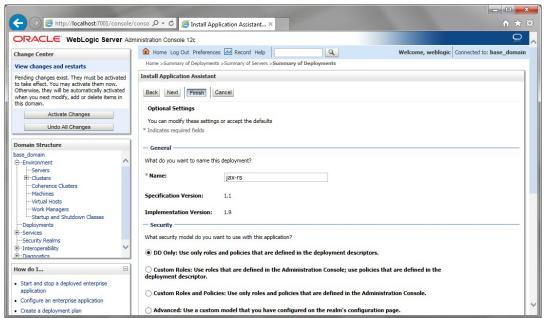


**6.** Choose the targeting style **Install this deployment as a library**, select target server as the managed server, and click **Next**.

The Install Application Assistant - Optional Settings window displays.



Figure 1-18 Install Application Assistant - Optional Settings

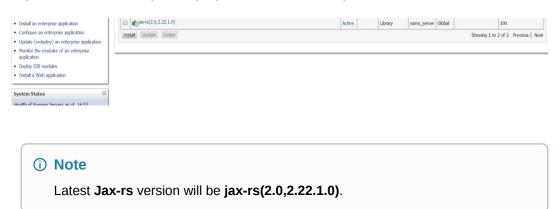


7. On the Install Application Assistant - Optional Settings click on Finish.

This library must appear in the deployment with the Type column as **Library**.

The Summary of Deployments - New Library screen displays.

Figure 1-19 Summary of Deployments - New Library



# 1.2.3 Deploy Oracle Banking Corporate Lending Application from WebLogic Administration Console

This topic explains the systematic instructions to deploy Oracle Banking Corporate Lending application from WebLogic administration console.

 Start the Administrative Console of the WebLogic application server. Enter the Oracle WebLogic Admin Console URL in the address bar in an internet browser. For example: http://10.10.10.10:1001/console

The **Oracle Weblogic Server - Welcome** screen displays.



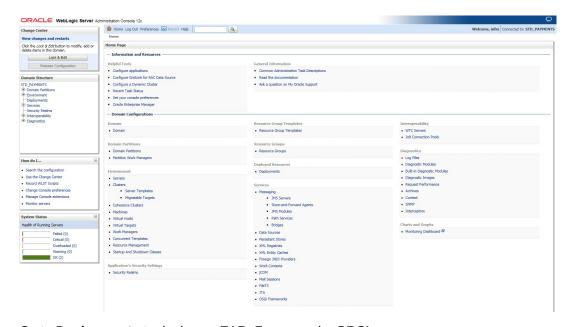
Figure 1-20 Oracle Weblogic Server - Welcome



Specify the WebLogic administrator Username and Password and click Log In.

The Oracle Weblogic Server - Home Page screen displays.

Figure 1-21 Oracle Weblogic Server - Home



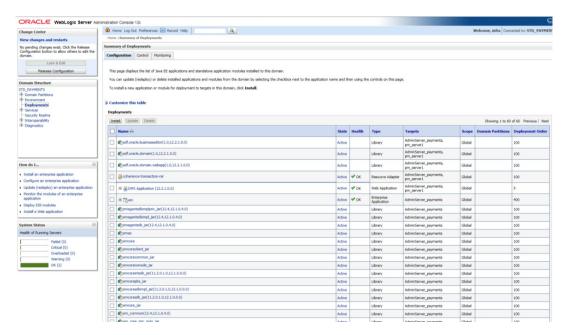
- 3. Go to Deployments to deploy an EAR. For example: OBCL.ear
- 4. Click on Lock & Edit to enable the buttons.

This action enables the buttons.

The **Summary of Deployments** screen displays.



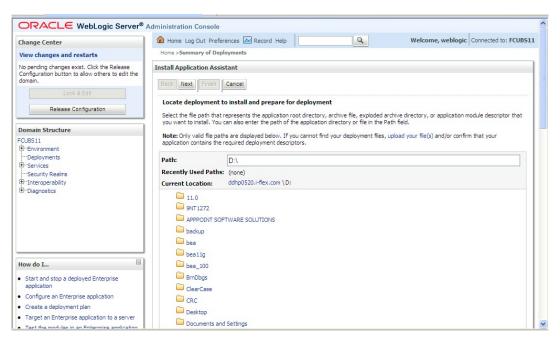
Figure 1-22 Summary of Deployments



Click Install.

The **Install Application Assistant** window displays.

Figure 1-23 Install Application Assistant

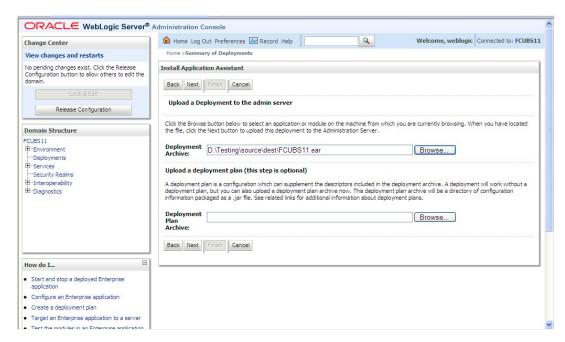


- 6. To specify the path/location of the enterprise archive file, click the upload your file(s) link.
- Click Next.

The Install Application Assistant - Upload Deployment to the admin server window displays.



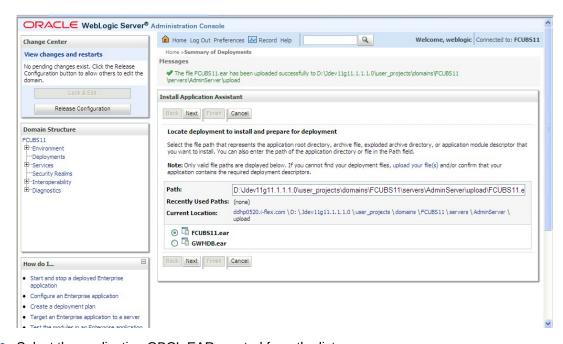
Figure 1-24 Install Application Assistant - Upload Deployment



- 8. Click the **Browse** to specify the EAR file path.
- Click Next.

The Install Application Assistant - Message window displays.

Figure 1-25 Install Application Assistant - Message

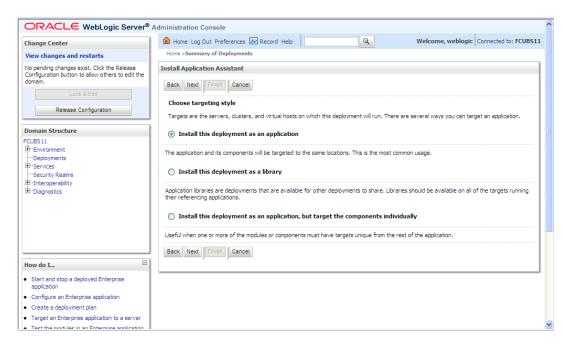


- **10.** Select the application OBCL EAR created from the list.
- 11. Click Next.

The Install Application Assistant - Choose targeting style window displays.



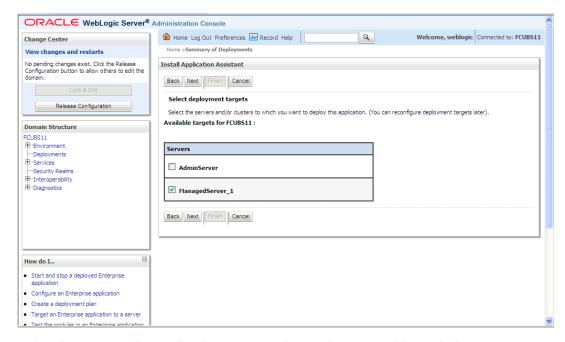
Figure 1-26 Install Application Assistant - Choose targeting style



- **12.** Choose the targeting style **Install this deployment as an application**.
- 13. Click Next.

The Install Application Assistant - Select Deployment Targets window displays.

Figure 1-27 Install Application Assistant - Select Deployment Targets

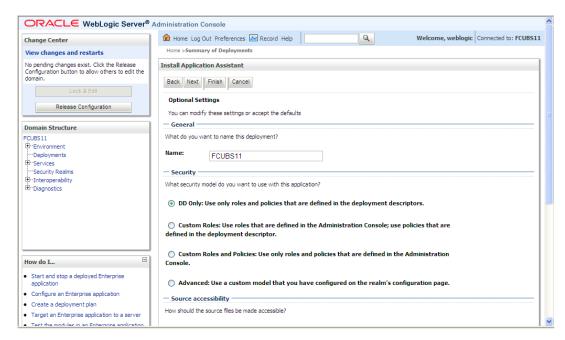


- Select the target of the application. You can choose the server either AdminServer or Managed Server(s).
- 15. Click Next.

The Install Application Assistant - Optional Settings window displays.

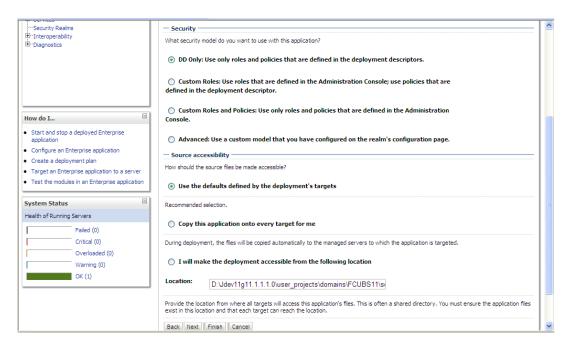


Figure 1-28 Install Application Assistant - Optional Settings 1



**16.** Check the deployment name.

Figure 1-29 Install Application Assistant - Optional Settings2

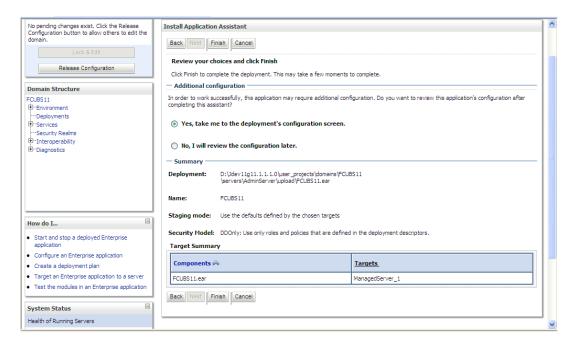


17. Check whether the deployment location is accessible or not.

The Install Application Assistant - Review Choices window displays.



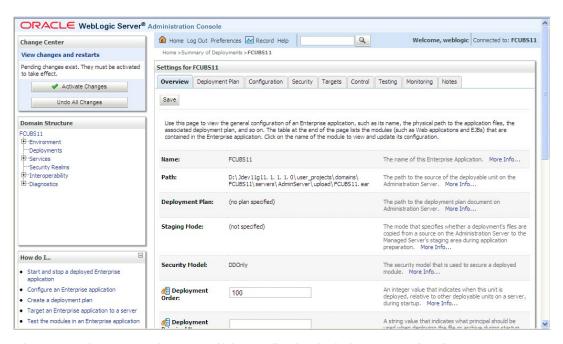
Figure 1-30 Install Application Assistant - Review Choices



#### 18. Click Finish.

The **Settings for FCUBS11** window displays.

Figure 1-31 Settings for FCUBS11 - Overview

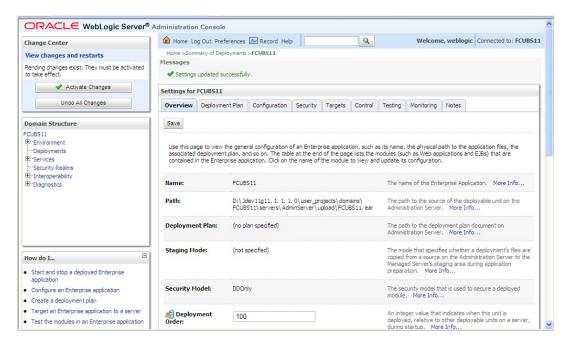


- 19. Change Deployment Order to 400 if the application includes BPEL plug-in.
- 20. Click Save.

A message displays on the **Settings for FCUBS11 - Message** window confirming that Settings updated successfully.



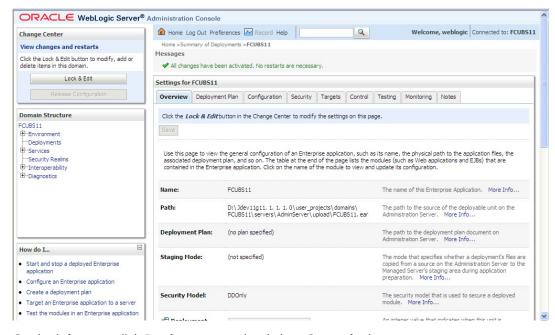
Figure 1-32 Settings for FCUBS11 - Message



21. Click the Activate Changes on the left pane. The message All the changes have been activated. No restarts are necessary displays.

The message displays on the **Settings for FCUBS11 - Activate Changes Message** window stating that All the changes have been activated. No restarts are necessary.

Figure 1-33 Settings for FCUBS11 - Activate Changes Message

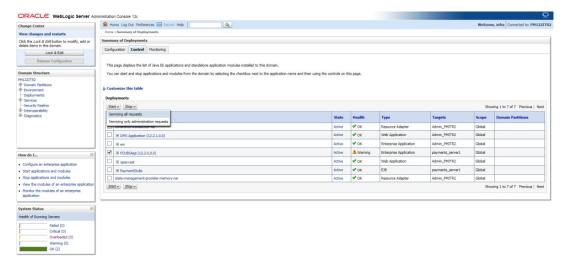


22. On the left pane, click **Deployment** and switch to **Control** tab.

The Summary of Deployments - Control screen displays.



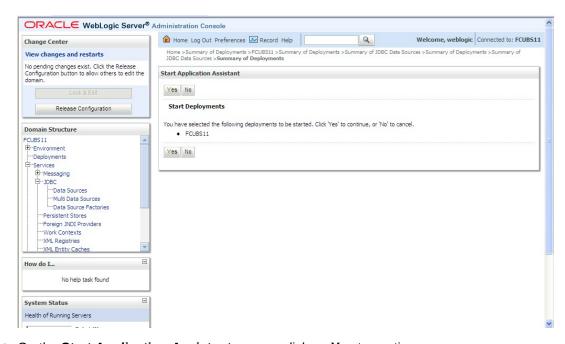
Figure 1-34 Summary of Deployments - Control



23. Click the Start drop-down and select Servicing all requests.

The Start Application Assistant screen displays.

Figure 1-35 Start Application Assistant



24. On the Start Application Assistant screen, click on Yes to continue.

The **Summary of Deployments - Control Message** screen displays.



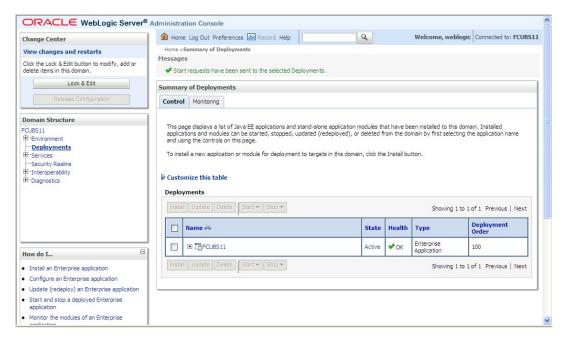


Figure 1-36 Summary of Deployments - Control Message

The deployment of the Oracle Banking Corporate Lending application in the WebLogic server is completed.

# 1.2.4 Deploy Gateway/Scheduler Applications from WebLogic Administration Console

This topic provides the systematic instructions to deploy Gateway/Scheduler applications from WebLogic administration console.

To deploy the Oracle Banking Corporate Lending Gateway/Scheduler Application from the Oracle WebLogic administration console, follow the steps below:

 Start the Administrative Console of the WebLogic application server. Enter the Oracle WebLogic Admin Console URL in the address bar in an internet browser. For example http://10.10.10:1001/console

The Oracle Weblogic Server - Welcome screen displays.



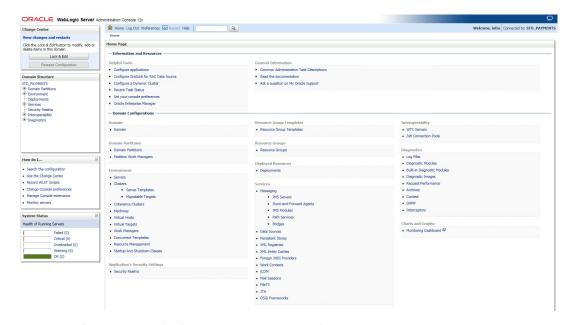
Figure 1-37 Oracle Weblogic Server - Welcome



2. Specify the WebLogic administrator user name and password and click **Log In**.

The Oracle Weblogic Server - Home Page screen displays.

Figure 1-38 Oracle Weblogic Server - Home



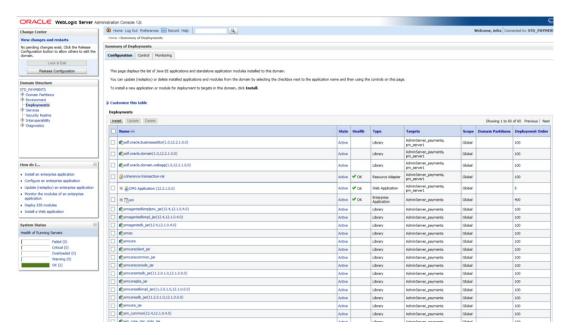
- 3. Go to Deployments to deploy an EAR. For example: GWEJB.ear
- 4. Click Lock & Edit to enable the buttons.

This action enables the buttons.

The **Summary of Deployments** screen displays.



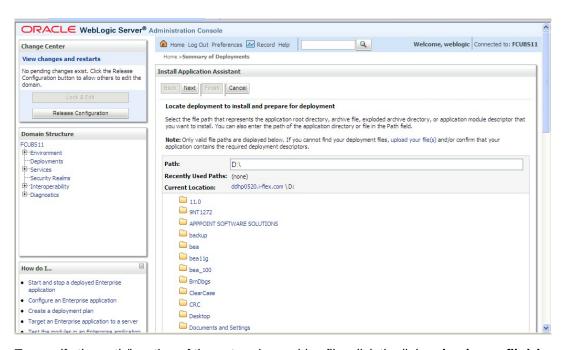
Figure 1-39 Summary of Deployments



Click Install.

The **Install Application Assistant** window displays.

Figure 1-40 Install Application Assistant

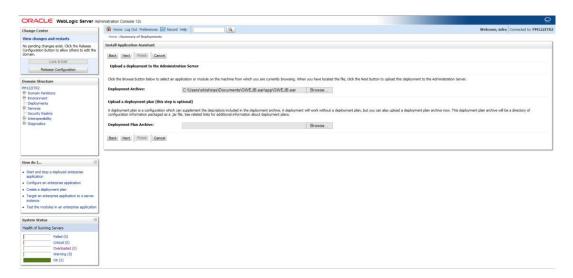


- 6. To specify the path/location of the enterprise archive file, click the link upload your file(s).
- Click Next.

The Install Application Assistant - Upload a deployment to the Administration Server window displays.



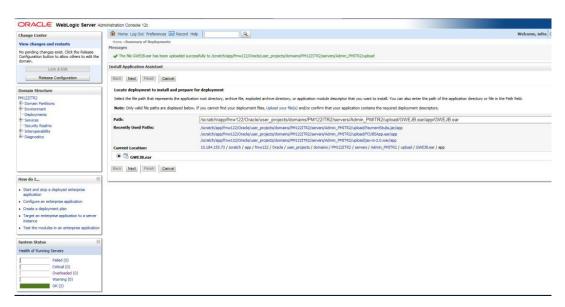
Figure 1-41 Install Application Assistant - Upload deployment for GWEJB



- B. Click the **Browse** button to specify the EAR file path.
- 9. Click Next.

The Install Application Assistant - Message window displays.

Figure 1-42 Install Application Assistant - Message

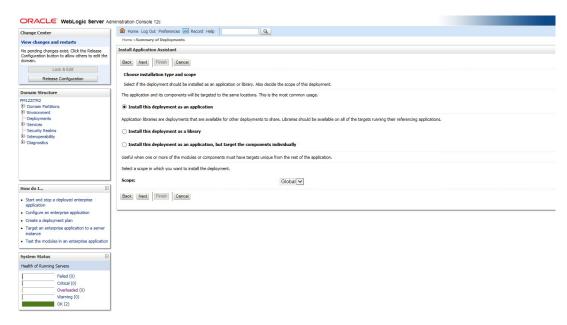


- 10. Select the application from the list.
- 11. Click Next.

The Install Application Assistant - Choose installation type and scope window displays.



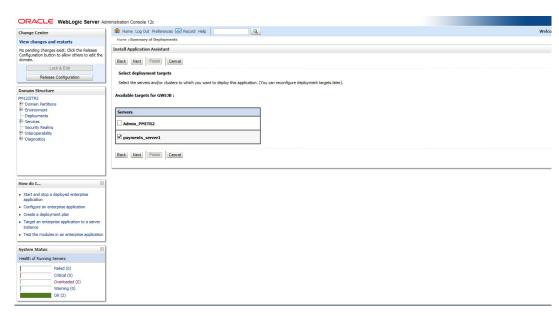
Figure 1-43 Install Application Assistant - Choose installation type and scope



- **12.** Choose the targeting style **Install this deployment as a library**.
- 13. Click Next.

The Install Application Assistant - Select deployment targets window displays.

Figure 1-44 Install Application Assistant - Select deployment targets

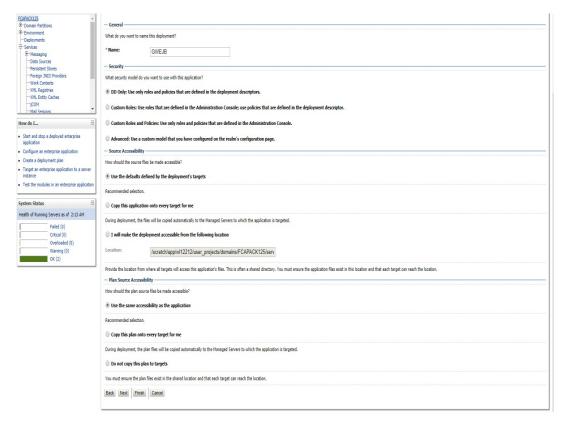


- 14. Select the target of the application. You can choose the server **AdminServer** or **Managed Server(s)**.
- 15. Click Next.

The Install Application Assistant - Optional Settings window displays.



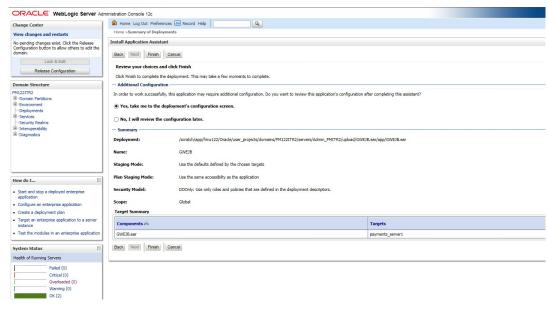
Figure 1-45 Install Application Assistant - Optional Settings



- **16.** Check the deployment name.
- 17. Check whether the deployment location is accessible or not.

The Install Application Assistant - Review Choices window displays.

Figure 1-46 Install Application Assistant - Review Choices

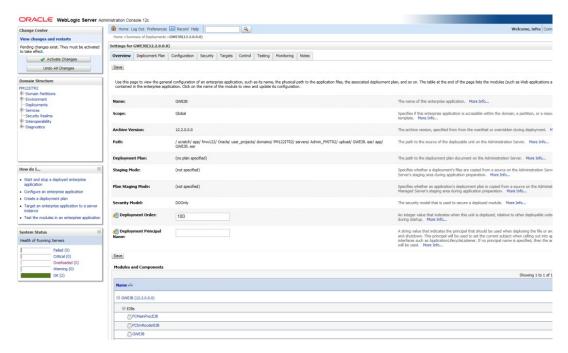


18. Click Finish.

The Settings for GWEJB window displays.



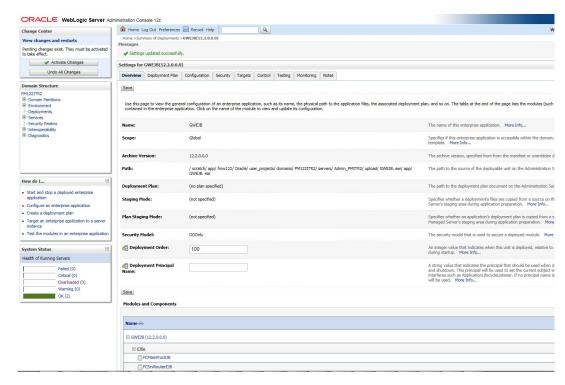
Figure 1-47 Settings for GWEJB



#### 19. Click Save.

A message displays on the **Settings for GWEJB** screen confirming that the setting updated successfully.

Figure 1-48 Settings for GWEJB - Message

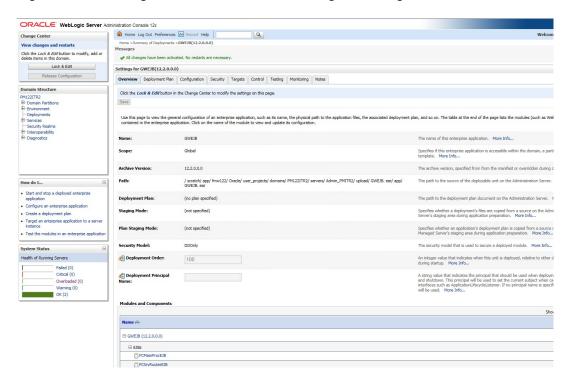


20. Click the Activate Changes on the left pane.



The message displays on the **Settings for GWEJB - Activate Changes Message** window stating that All the changes have been activated. No restarts are necessary.

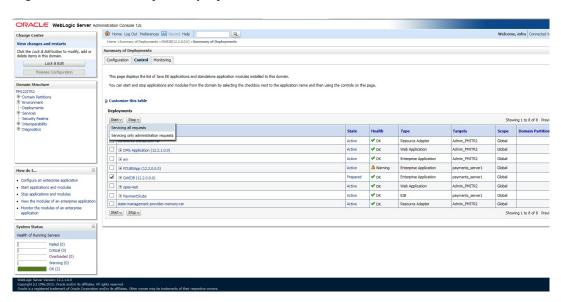
Figure 1-49 Settings for GWEJB - Activate changes message



21. On the left pane, click on **Deployment** and switch to **Control** tab.

Summary of Deployments - Control screen displays.

Figure 1-50 Summary of Deployments - Control

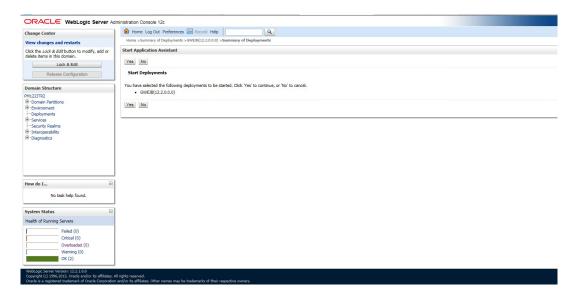


22. Click the Start drop-down button and select Servicing all requests.

The Start Application Assistant screen displays.



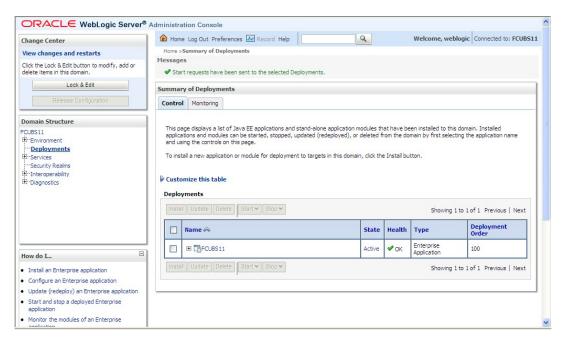
Figure 1-51 Start Application Assistant



23. On the Start Application Assistant screen, click on Yes button to continue.

The Summary of Deployments - Control - Message screen displays.

Figure 1-52 Summary of Deployments - Control - Message



24. Repeat the same steps from <u>Deploy Oracle Banking Corporate Lending Application from WebLogic Administration Console</u> for deploying GWWS (gateway web services), Gateway MDB and Gateway HTTP servlet.

The deployment of the Gateway/Scheduler Applications from WebLogic server is completed.