

# Oracle® FLEXCUBE Investor Servicing

## Deploying Oracle FLEXCUBE Investor Servicing Application on WebLogic



Release 14.7.6.0.0  
G30411-01

ORACLE®

Oracle FLEXCUBE Investor Servicing Deploying Oracle FLEXCUBE Investor Servicing Application on WebLogic,  
Release 14.7.6.0.0

G30411-01

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## 1 Deploying Application in Oracle WebLogic

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# Preface

**Oracle FLEXCUBE Investor Servicing** is a comprehensive mutual funds automation software from Oracle® Financial Servicing Software Ltd.©.

You can use the system to achieve optimum automation of all your mutual fund investor servicing processes, as it provides guidelines for specific tasks, descriptions of various features and processes, and general information.

This topic contains the following sub-topics:

- [Purpose](#)
- [Audience](#)
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Conventions](#)
- [Screenshot Disclaimer](#)
- [Acronyms and Abbreviations](#)

## Purpose

This manual is designed to help acquaint you with the installation of **Oracle FLEXCUBE Investor Servicing** application.

## Audience

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

**Table 1 Users and Roles**

| Users               | Roles                                                       |
|---------------------|-------------------------------------------------------------|
| Implementation team | Implementation of Oracle FLEXCUBE Investor Servicing        |
| Presales team       | Install Oracle FLEXCUBE Investor Servicing for demo purpose |
| Bank personnel      | Who installs Oracle FLEXCUBE Investor Servicing             |

## Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

## Access to Oracle Support

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

## 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](#).

## Diversity and Inclusion

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.

## Conventions

The following text conventions are used in this document:

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

## 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.

## Acronyms and Abbreviations

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

**Table 2 Acronyms and Abbreviations**

| Abbreviation | Description                        |
|--------------|------------------------------------|
| FCIS         | Oracle FLEXCUBE Investor Servicing |
| OEM          | Oracle Enterprise Manager          |

**Table 2 (Cont.) Acronyms and Abbreviations**

| Abbreviation | Description                  |
|--------------|------------------------------|
| EMS          | Electronic Messaging Service |
| EJB          | Enterprise Java Bean         |
| MDB          | Message Driven Beans         |

# 1

## Deploying Application in Oracle WebLogic

This topic provides the instructions to deploy **Oracle FLEXCUBE Investor Servicing** application into Oracle WebLogic Application Server.

Before deployment, all the resources mentioned in the topic *Resources To be Created* have to be created.

Building Application includes the following details:

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

This topic contains the following sub-topics:

- [Deploying Dependency Library Jersey-Bundle](#)  
This topic provides the systematic instructions to deploying dependency library Jersey-bundle.
- [Deploying Application from WebLogic Administration Console](#)  
This topic provides the systematic instructions to deploying application from weblogic Administration console.

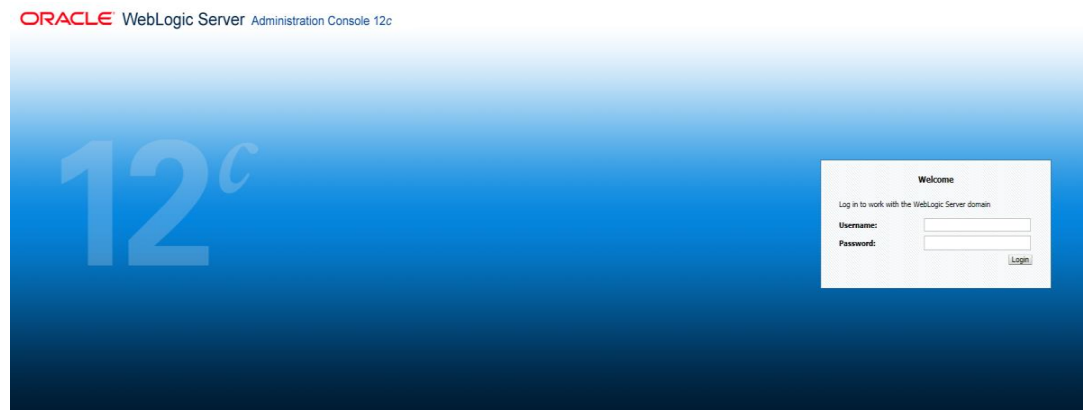
### 1.1 Deploying Dependency Library Jersey-Bundle

This topic provides the systematic instructions to deploying dependency library Jersey-bundle.

1. Start **WebLogic Console**.

The following screen is displayed.

**Figure 1-1 WebLogic Console**



2. On **WebLogic Console** screen, enter the following details to log in WebLogic server.  
Refer to the table for WebLogic Console details.

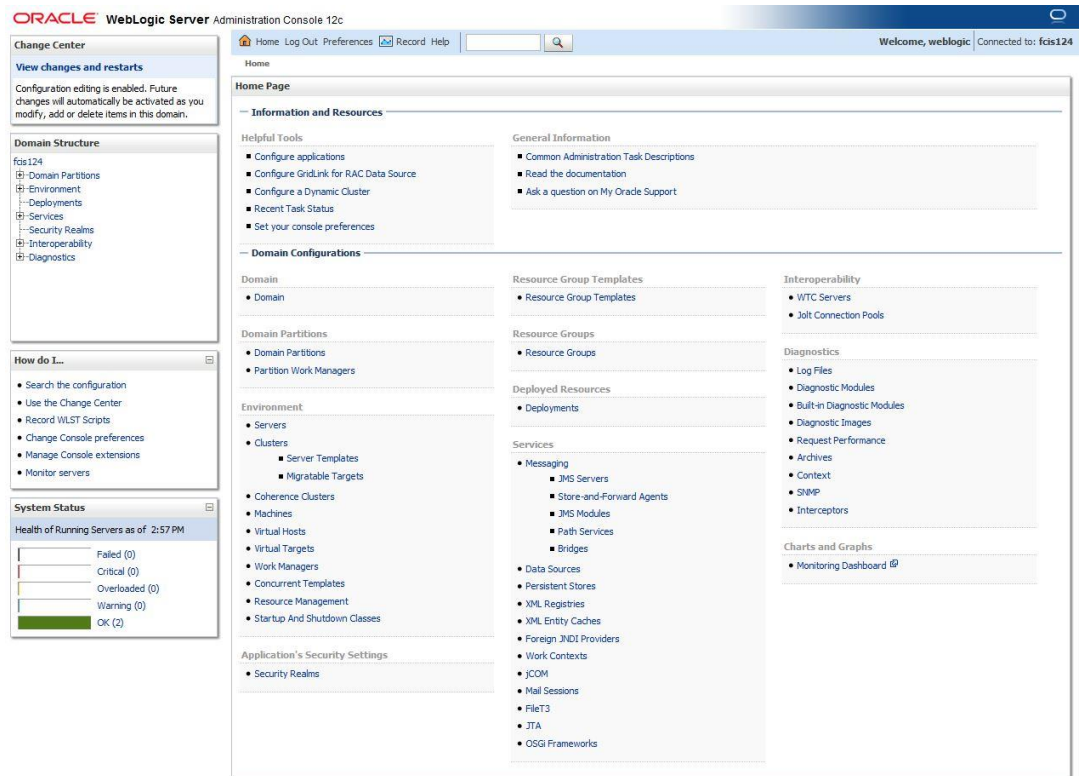
**Table 1-1 WebLogic Console**

| Field           | Description                  |
|-----------------|------------------------------|
| <b>Username</b> | Enter WebLogic user name.    |
| <b>Password</b> | Enter password for WebLogic. |

3. Click **Login**.

The following screen is displayed.

**Figure 1-2 Home Screen**

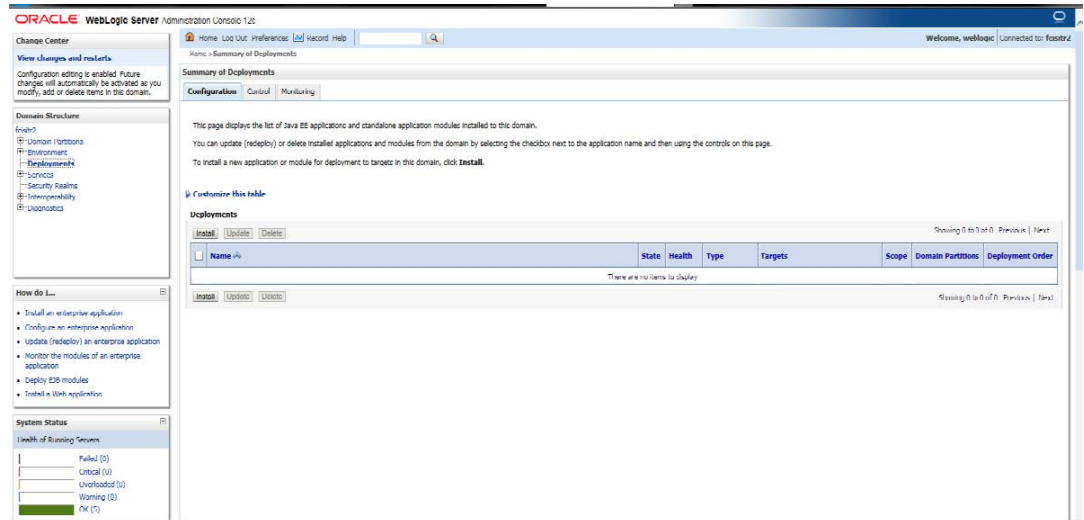


4. Select **Deployments** from **Domain Structure**.

The following screen is displayed.

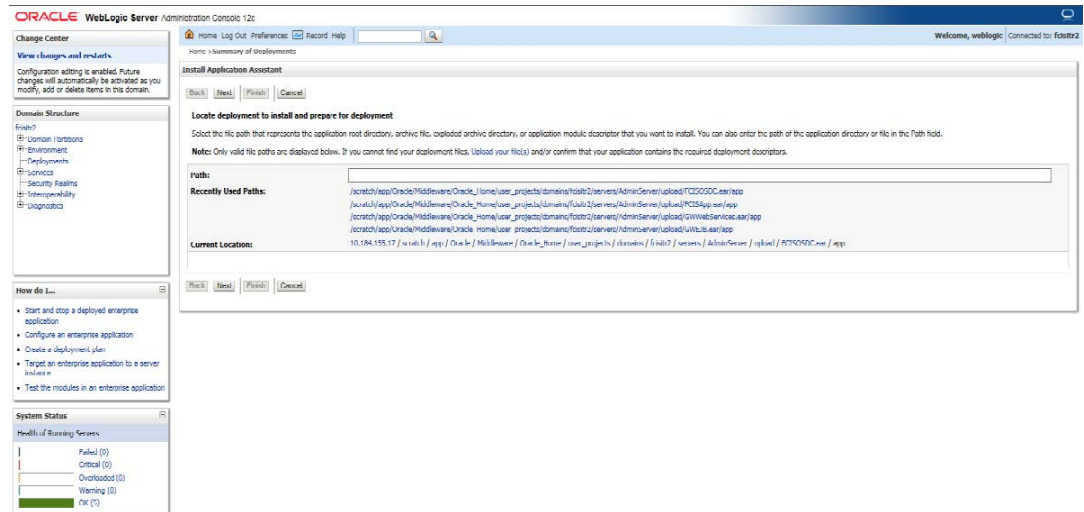


Figure 1-3 Domain Structure\_Deployments



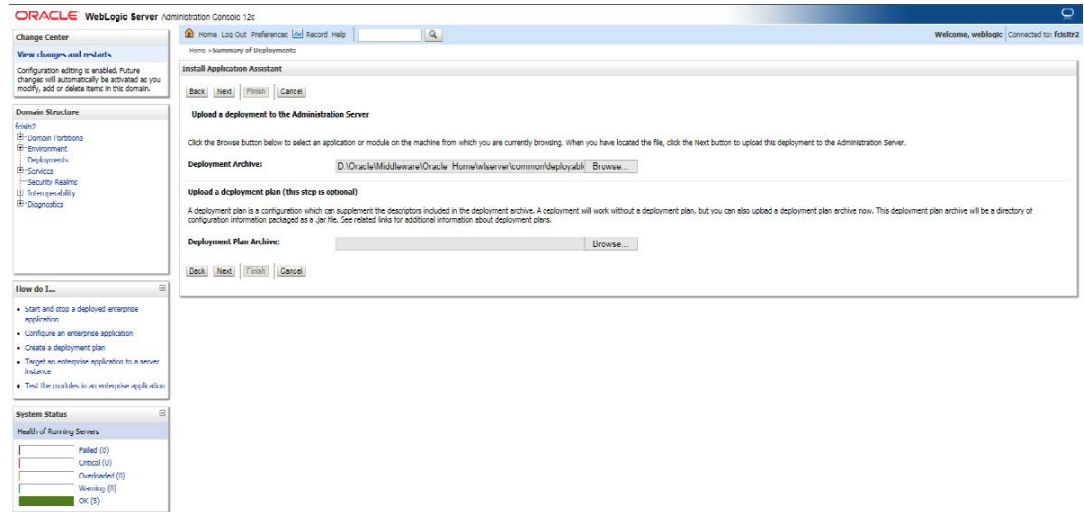
5. Click **Install** from the **Deployments** to install a new module or application.  
The following screen is displayed.

Figure 1-4 Deployments\_Install



6. In order to specify the path/location of the library file, click the link **Upload your file**.  
The following screen is displayed.

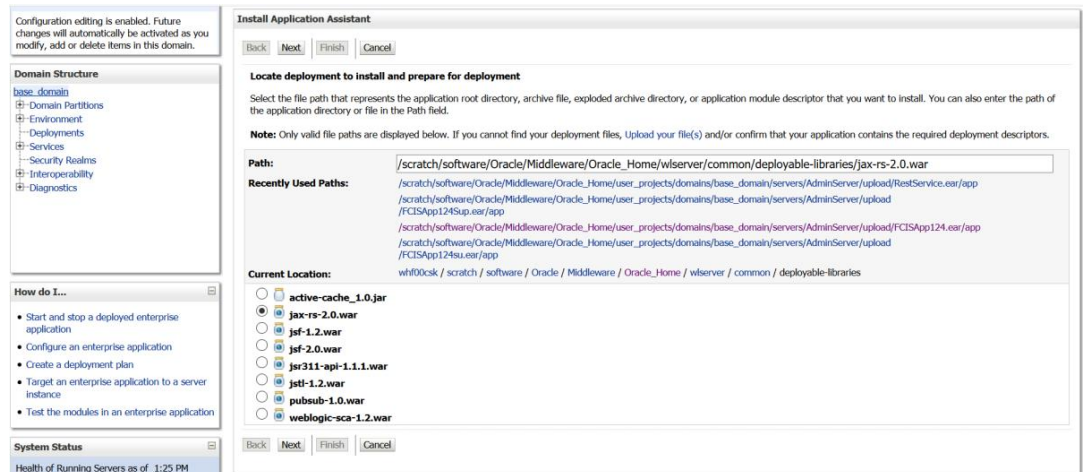
**Figure 1-5 Click Upload your files**



7. Click **Browse** in Deployment Archive and select jersey bundle under the path `wlserver\common\deployable-libraries\jax-rs-x.x.war` and click **Next**.

The following screen is displayed.

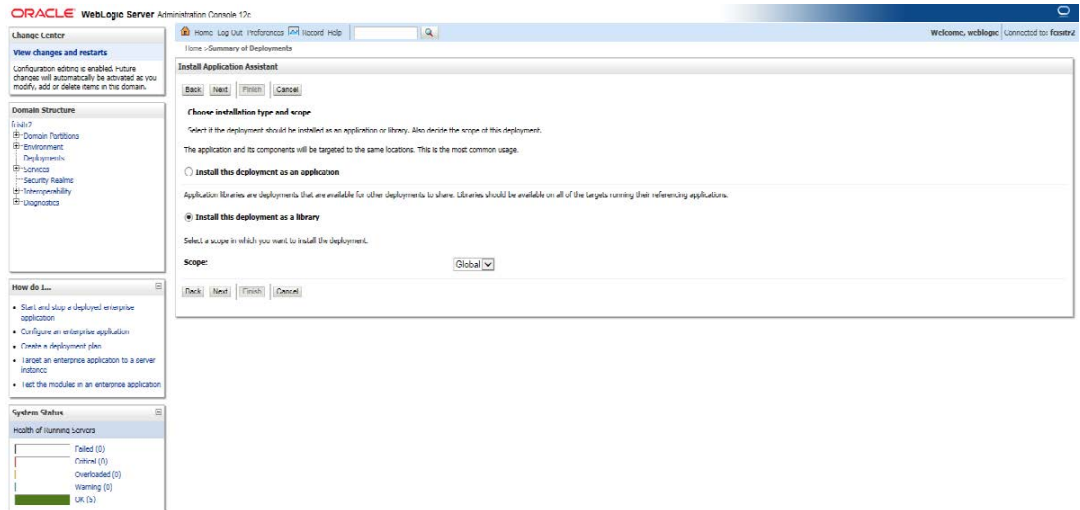
**Figure 1-6 Locate deployment to install and prepare for deployment**



8. Click **Next**.

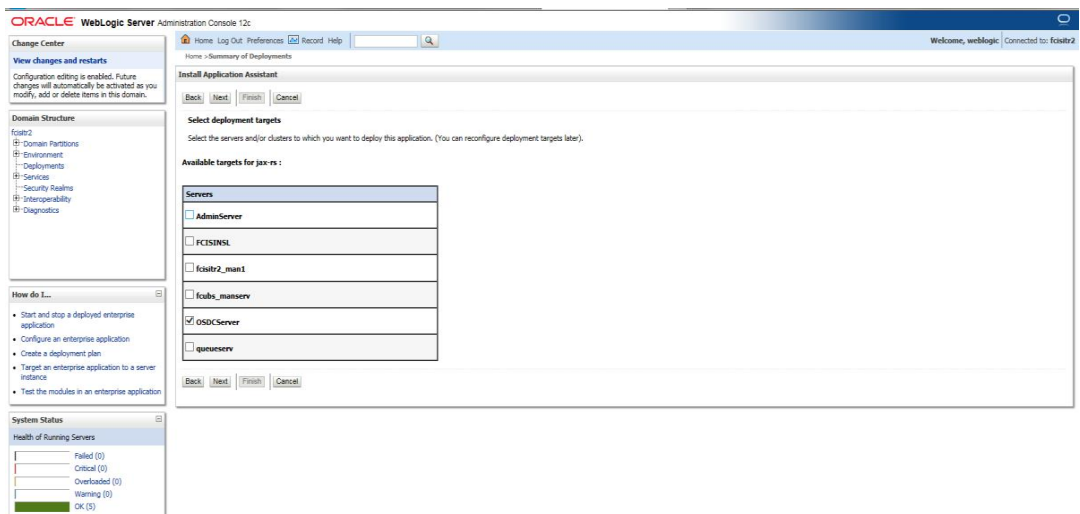
The following screen is displayed.

Figure 1-7 Installation Type



9. Select **Install this deployment as library** option and click **Next**.  
The following screen is displayed.

Figure 1-8 Servers



10. Select the target of the application. Click **Next**.  
The following screen is displayed.

**Figure 1-9 Deployment Settings**

Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.

**Domain Structure**

- base\_domain
  - 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

**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:** jax-rs

**Specification Version:** 2.0

**Implementation Version:** 2.22.4.0

**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.

11. Click **Finish** to complete the deployment.

The following screen is displayed.

**Figure 1-10 Click Finish button**

ORACLE WebLogic Server Administration Console 12c

Home Log Out Preferences Record Help

Welcome, weblogic Connected to: Ecsb2

**Summary of Deployments**

The deployment has been successfully installed.

**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 install: 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**

| Name                                                      | State  | Health | Type    | Targets                                     | Scope  | Domain Partitions | Deployment Order |
|-----------------------------------------------------------|--------|--------|---------|---------------------------------------------|--------|-------------------|------------------|
| <input checked="" type="checkbox"/> jax-rs (2.0,2.22.4.0) | Active |        | Library | KCS2NSL_OSCServer, test2 men1, foute manerv | Global |                   | 100              |

Showing 1 to 1 of 1 Previous Next

**System Status**

**Health of Running Servers**

- Failed (0)
- Critical (0)
- Overloaded (0)
- Warning (0)
- OK (3)

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



**Note:**

latest jax-rs version will be jax-rs(2.0,2.22.4.0).

## 1.2 Deploying Application from WebLogic Administration Console

This topic provides the systematic instructions to deploying application from weblogic Administration console.

1. Start **WebLogic Console**.

The following screen is displayed.

Figure 1-11 WebLogic Console



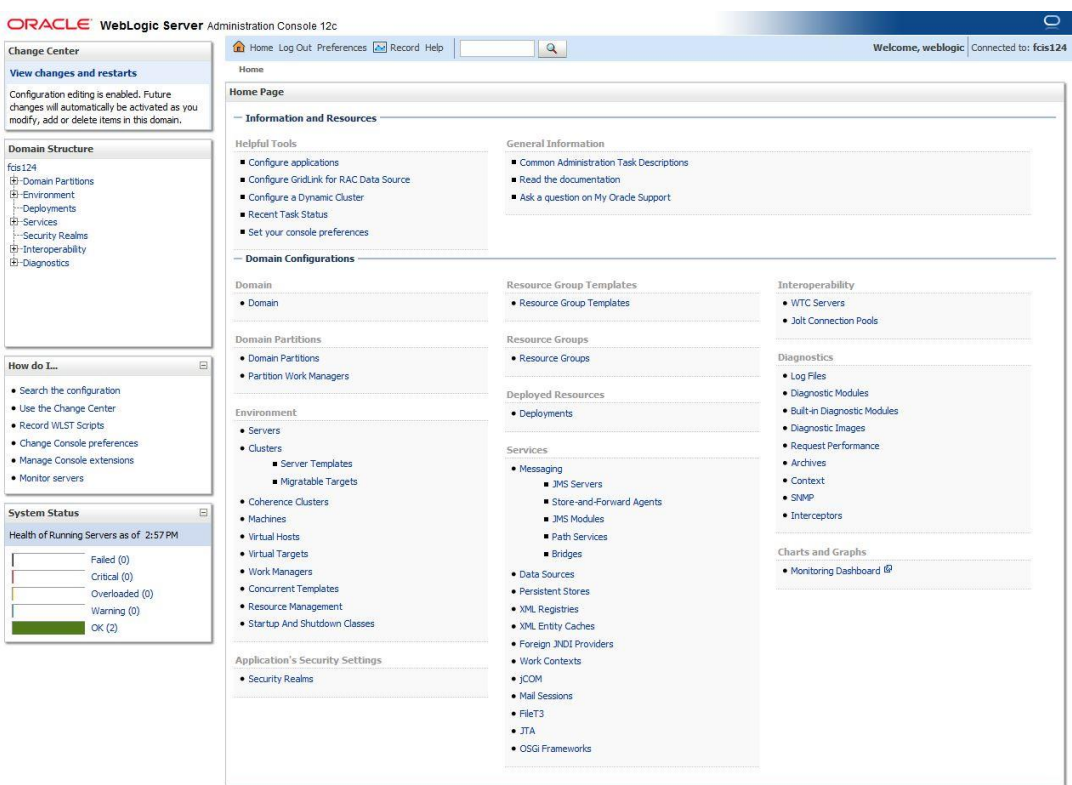
2. On **WebLogic Console** screen, enter the following details to log in WebLogic server. Refer to the table for WebLogic Console details.

Table 1-2 WebLogic Console

| Field           | Description                  |
|-----------------|------------------------------|
| <b>Username</b> | Enter WebLogic user name.    |
| <b>Password</b> | Enter password for WebLogic. |

3. Click **Login**.
- The following screen is displayed.

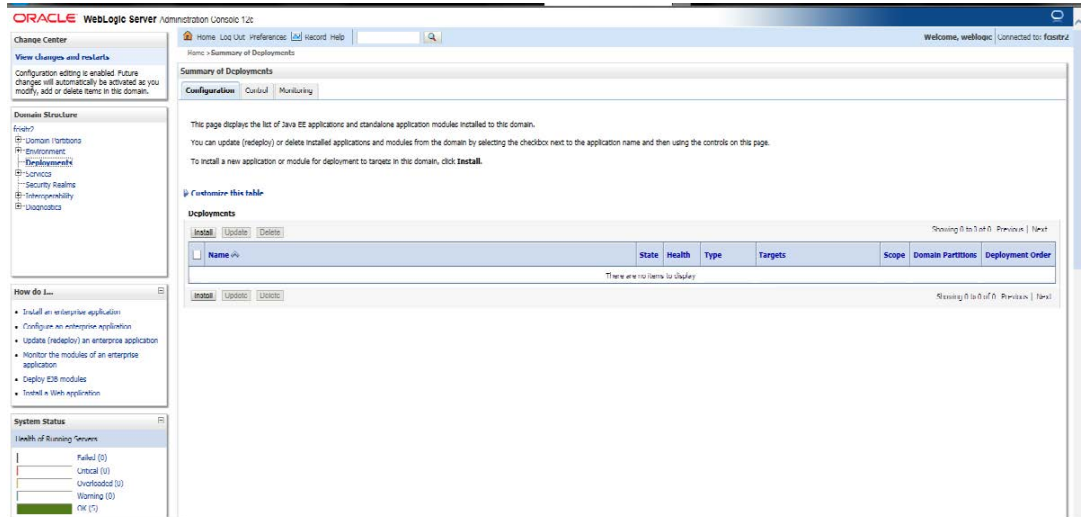
Figure 1-12 Home Screen



4. Select **Deployments** from **Domain Structure**.

The following screen is displayed.

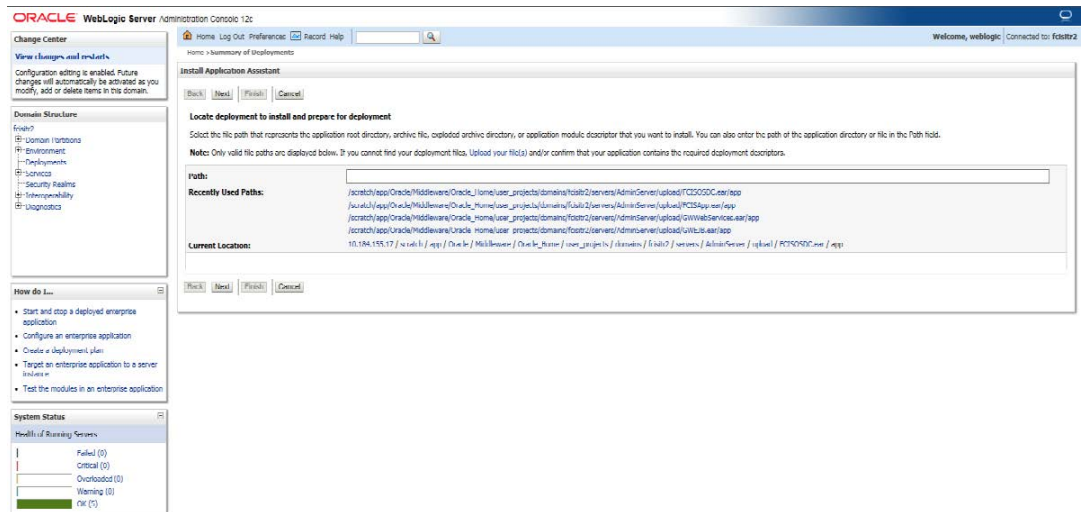
Figure 1-13 Domain Structure\_Deployments



5. Click **Install** from the **Deployments** to install a new module or application.

The following screen is displayed.

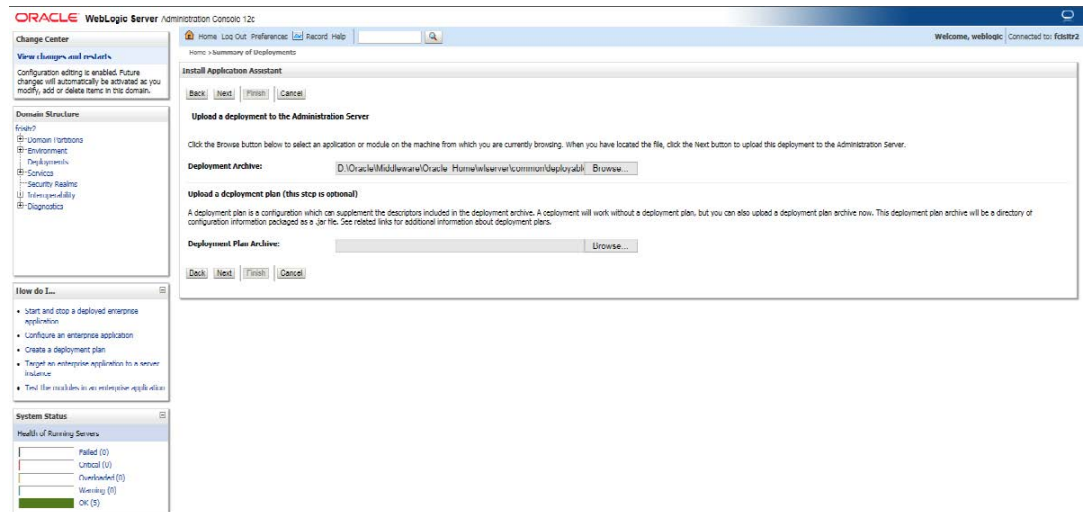
Figure 1-14 Deployments\_Install



6. In order to specify the path/location of the library file, click the link **Upload your file**.

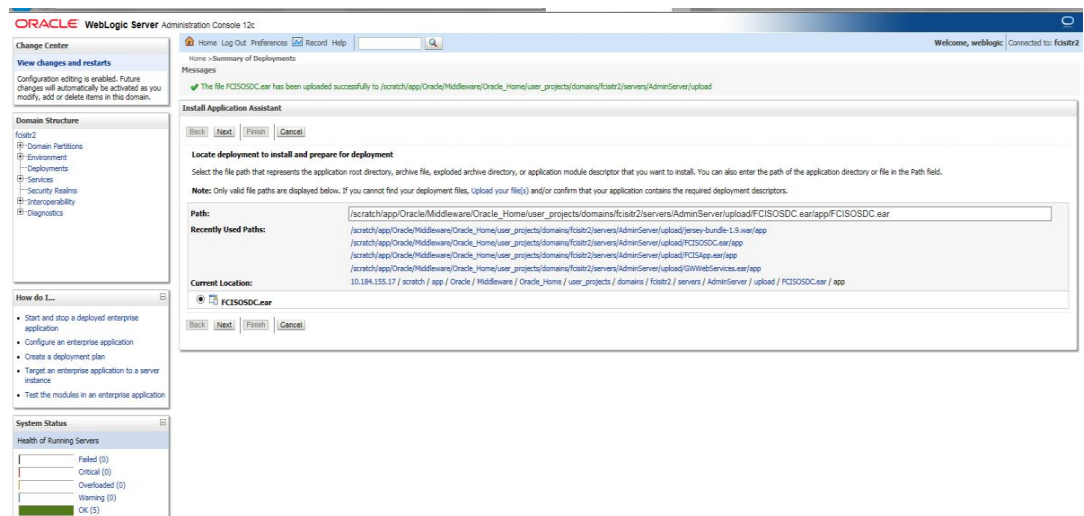
The following screen is displayed.

**Figure 1-15 Click Upload your files**



7. Specify the EAR file path and click **Browse** to locate the file.  
The following screen is displayed.

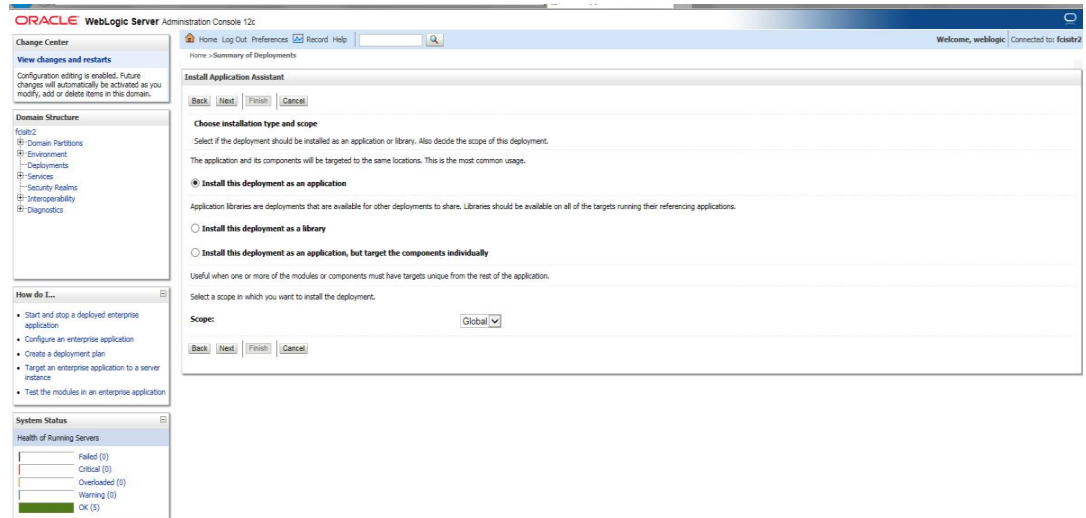
**Figure 1-16 Locate deployment to install and prepare for deployment**



8. Select the application **FCISApp.ear** from the list. Click **Next**.  
The following screen is displayed.



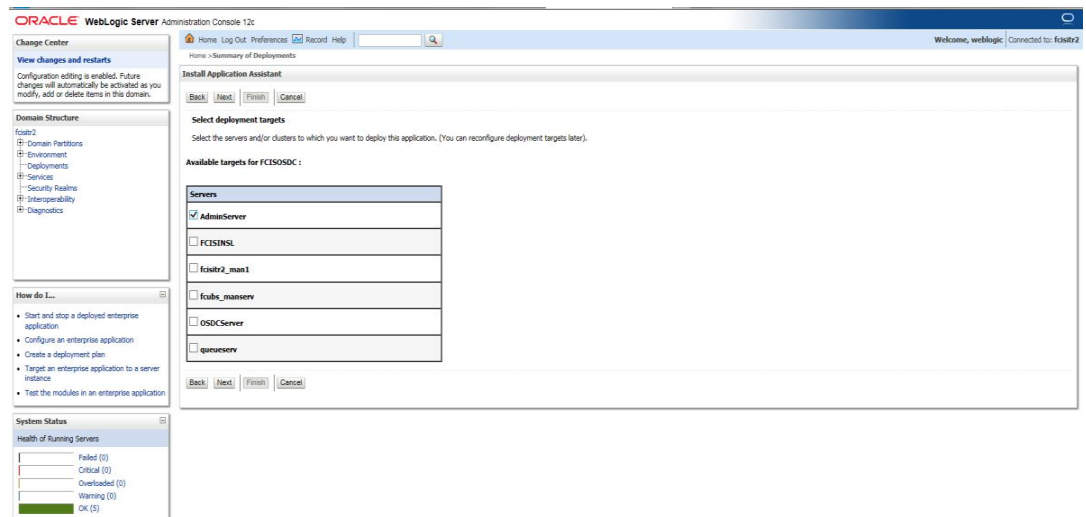
**Figure 1-17 Installation Type**



9. Select **Install this deployment as an application** option and click **Next**.

The following screen is displayed.

**Figure 1-18 Servers**



10. Select the target of the application. Click **Next**.

The following screen is displayed.



**Figure 1-19 Deployment Settings**

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Help

Welcome, weblogic Connected to fcs1r2

**Change Center**  
View changes and restarts  
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in the domain.

**Domain Structure**  
/o:12c  
- Domain Partitions  
- Environment  
- Deployment  
- Services  
- Security Realms  
- ServerGroups  
- Targets

**How do I...?**  
• Start and stop a deployed enterprise application  
• Configure an enterprise application  
• Locate 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 (5)

**Install Application Assistant**  
Back Next Finish Cancel

**Optional Settings**  
You may modify these settings or accept the defaults.  
\* Indicates required fields.

**General**  
What do you want to name this deployment?  
Name: PCISORDC  
Archive Version: 12.3.0.0.0  
Deployment Plan Version:

**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 use**  
During deployment, the files will be copied automatically to the Managed Servers to which the application is targeted.  
☐ **I will make the deployment accessible from the following location**  
Location: /scratch/app/Oracle/Middleware/Oracle\_Home/user\_app  
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**

11. Check whether the deployment location is accessible or not. Click **Next**.  
The following screen is displayed.

**Figure 1-20 Review your choices and Click Finish**

**ORACLE WebLogic Server Administration Console 12c**

Home Log Out Preferences Help

Welcome, weblogic Connected to fcs1r2

**Change Center**  
View changes and restarts  
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in the domain.

**Domain Structure**  
/o:12c  
- Domain Partitions  
- Environment  
- Deployment  
- Services  
- Security Realms  
- ServerGroups  
- Targets

**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 (5)

**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 screens.**  
☐ **No, I will review the configuration later.**

**Summary**  
Deployment: /scratch/app/Oracle/Middleware/Oracle\_Home/user\_projects/domains/fcs1r2/servers/AdminServer/upload/PCISORDC/app/PCISORDC.ear  
Name: PCISORDC  
Staging Mode: Use the defaults defined by the chosen targets  
Plan Staging Mode: Use the same accessibility as the application  
Security Model: DD Only: Use only roles and policies that are defined in the deployment descriptors  
Scope: Global

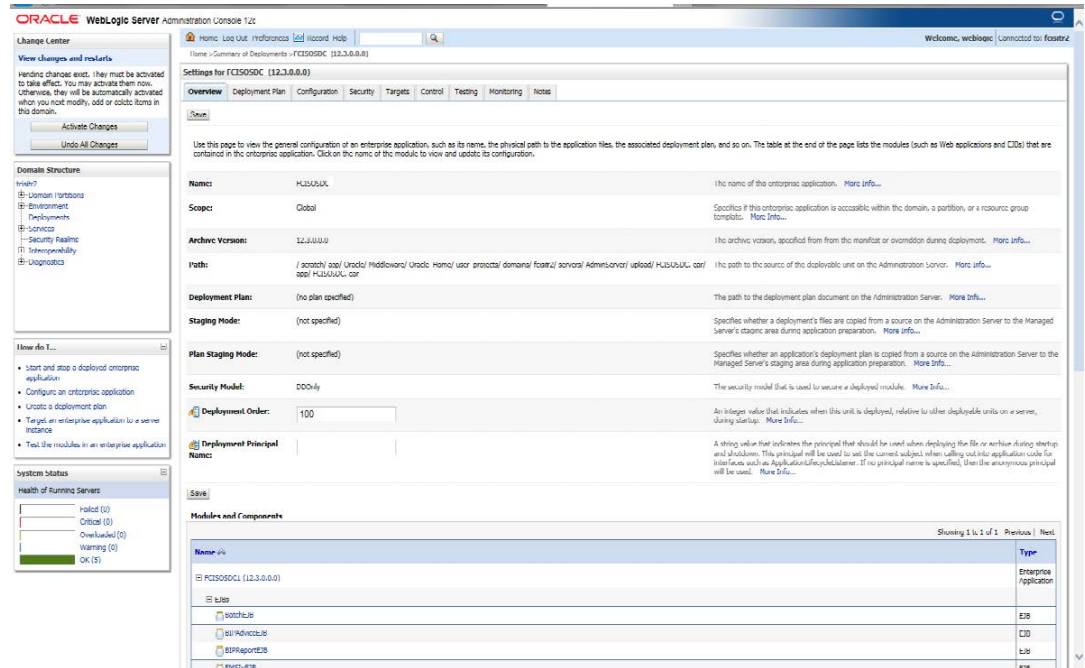
**Target Summary**

| Component(s) | Targets     |
|--------------|-------------|
| PCISORDC.ear | AdminServer |

Back Next Finish Cancel

12. Click **Finish** button.  
The following screen is displayed.

Figure 1-21 Overview Tab



13. Change deployment order to 400, if the application includes BPEL plug-in.

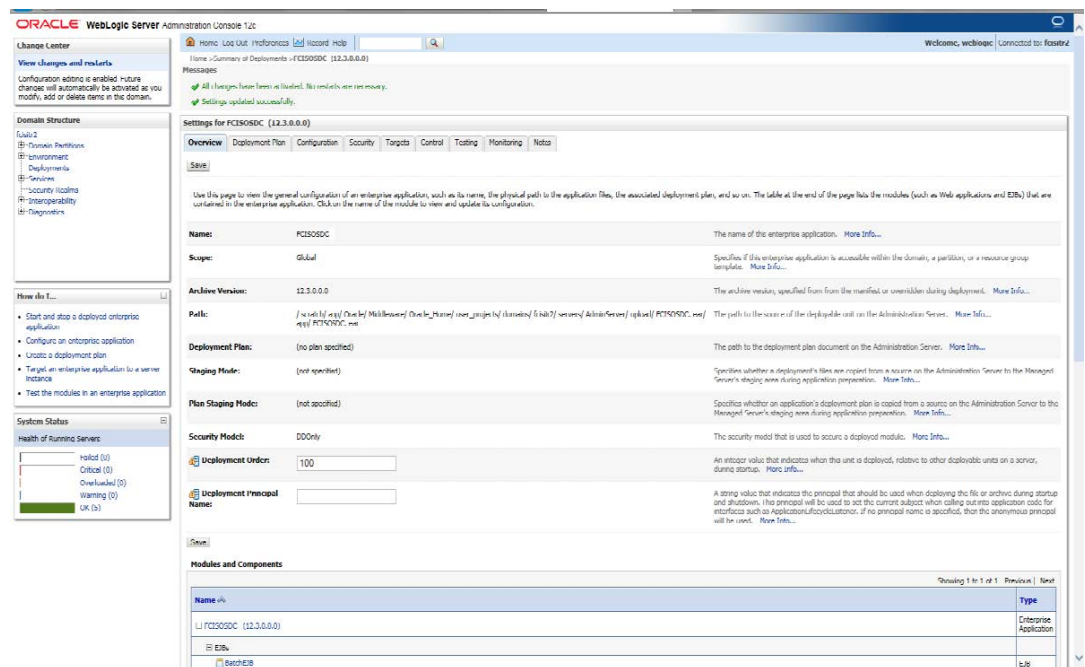
14. Click **Save**.

On successful updation, below messages are displayed:

- All changes have been activated. No restarts are necessary.
- Settings updated successfully.

The following screen is displayed.

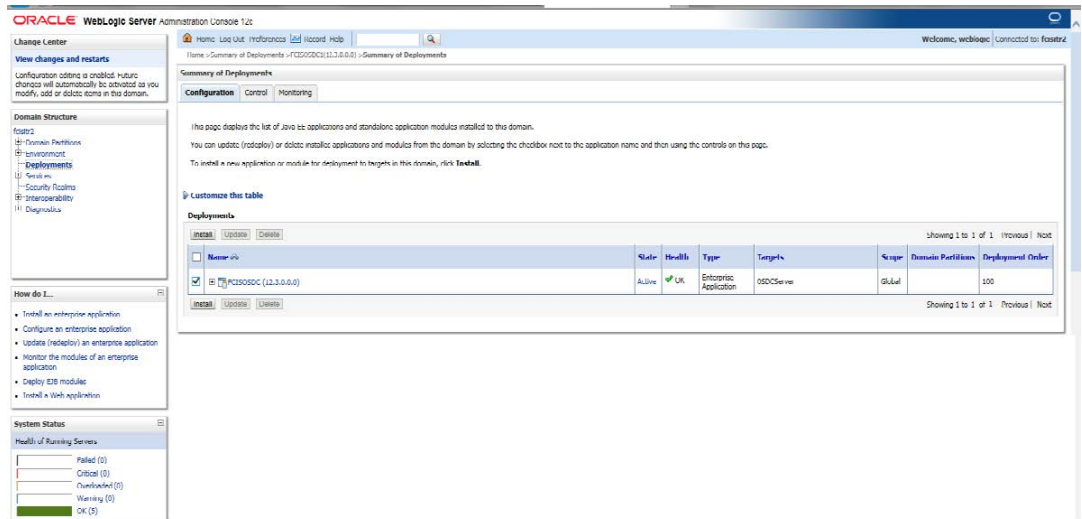
Figure 1-22 Click Save



15. Select **Deployments** from **Domain Structure**.

The following screen is displayed.

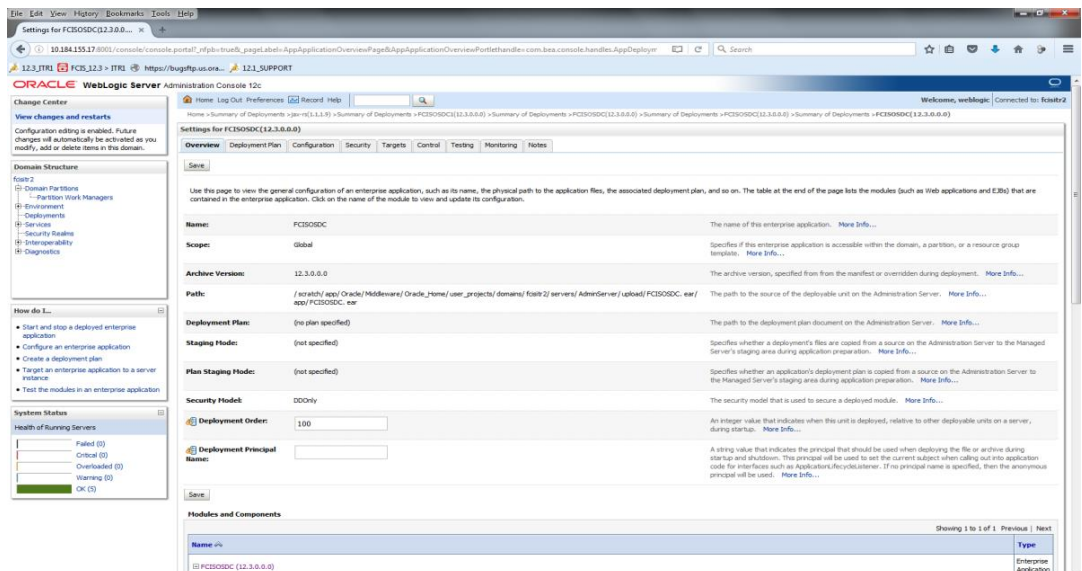
Figure 1-23 Deployment with details



16. Click **FCISOSDC** deployment.

The following screen is displayed.

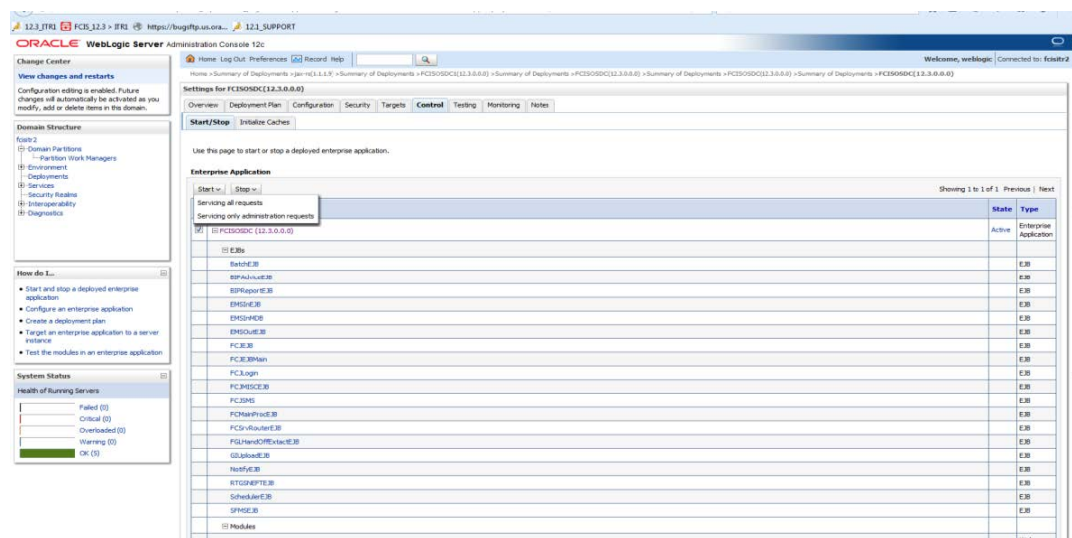
Figure 1-24 Overview - Modules and Components



17. Select **Control** tab in order to start or stop a deployed enterprise application.

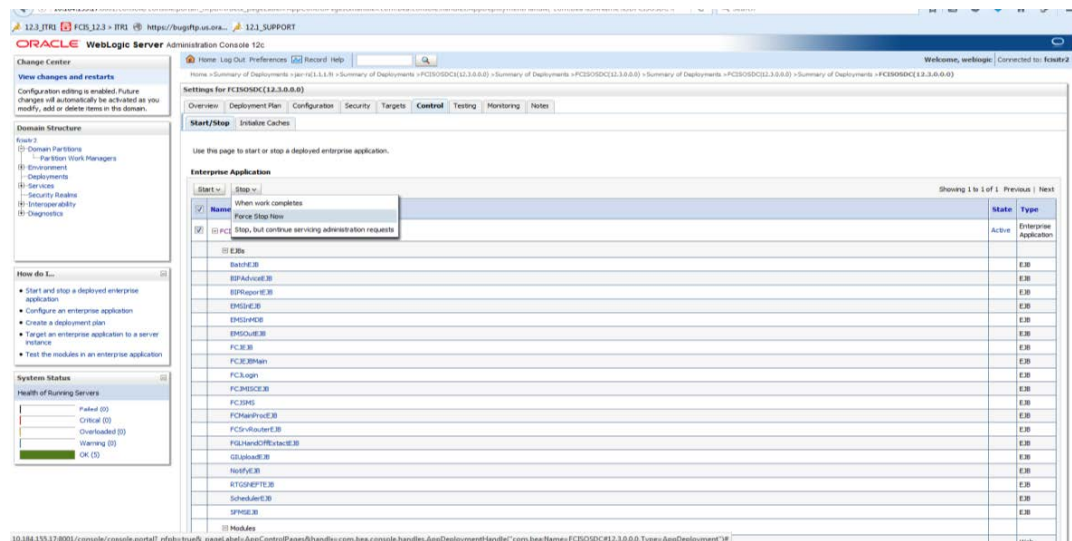
The following screen is displayed.

**Figure 1-25 Control Tab**



- 18.** To start, lick **Start** drop-down button and select **Servicing all requests** on the deployment.  
The following screen is displayed.

### Figure 1-26 Start Enterprise Application



19. To stop, select the **Stop** drop-down and select **Force Stop now** option in the deployment. This completes the deployment process.