Deploying Oracle FLEXCUBE Application on WebSphere

Oracle FLEXCUBE Universal Banking

Release 14.3.0.0.0

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ORACLE®

FINANCIAL SERVICES

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1. Deploying Oracle FLEXCUBE on WebSphere

1.1 Introduction

This document explains the steps to deploy the Oracle FLEXCUBE UBS application on IBM WebSphere application server.

1.2 Deploying Application

1.2.1 Shared Library Deployment

To deploy Integration Adapter (OBCLExtAdapter.jar or ExtAdapter.jar) JAR on WebSphere application server, follow the steps given below:

1. Copy Generated Integration Adapter (OBCLExtAdapter.jar or ExtAdapter.jar) to WebSphere Application server {Was_profile}/Extadapter. Eg: /scratch/IBM8559/WebSphere/AppServer/profiles/BGV8559_01/Extadapter

2. Open the Administrative Console of WebSphere server:

   o Open an internet browser and type the WebSphere Admin Console URL http://{Host}:{Port}/console.

   o Eg: https://10.10.10.10:1010/console

   o In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running.

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3. The following screen is displayed**:**
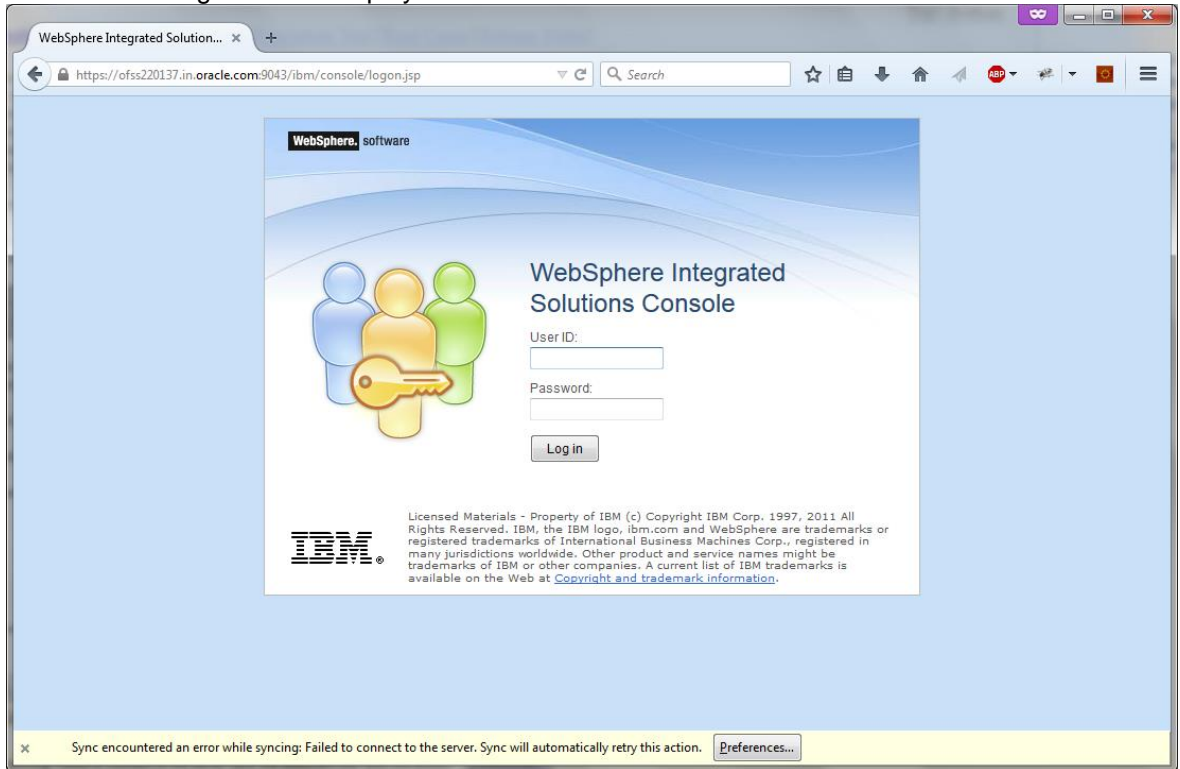
4. Enter the user name and password and click 'Log In' to log in to the application server.

5. Navigate to the WebSphere Home Page.

    The following screen is displayed.

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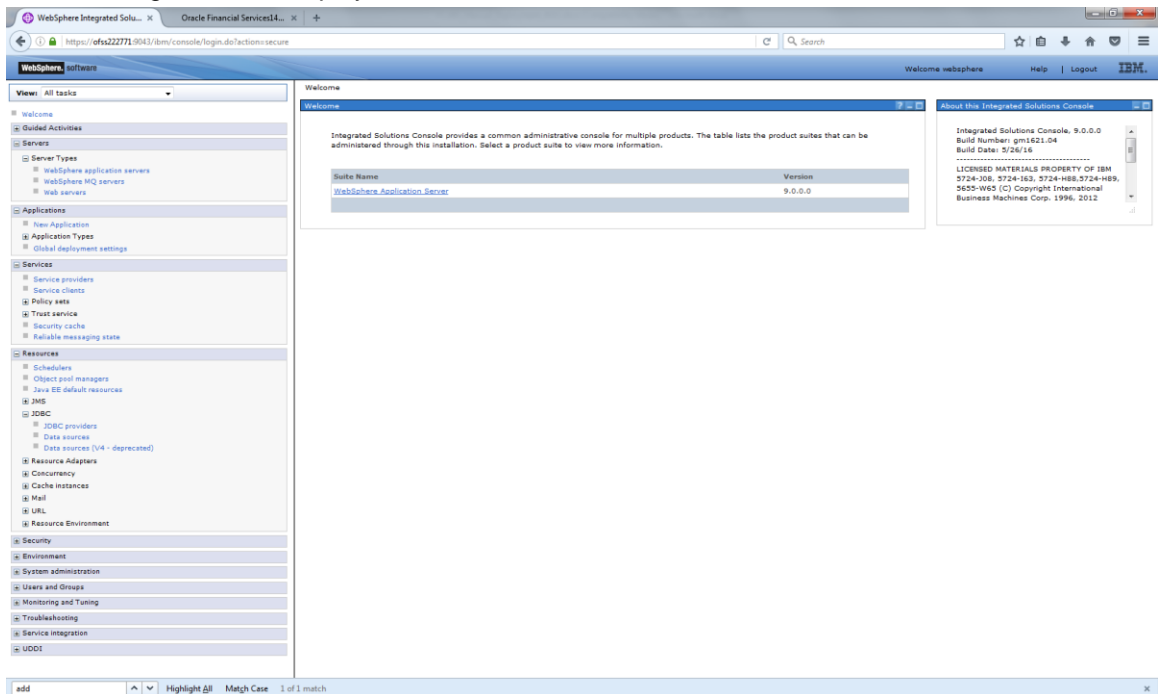
6. Expand Environment from left-side menu and Click 'Shared Libraries'.

   The following screen is displayed.

7. Click on New

   The following screen is displayed.

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- o Name : Name of the Adapter

- o Description : provide description

- o Classpath: provide ExtAdapter Jar path server {Was_profile}/Extadapter. Eg: /scratch/IBM8559/WebSphere/AppServer/profiles/BGV8559_01/Extadapter.
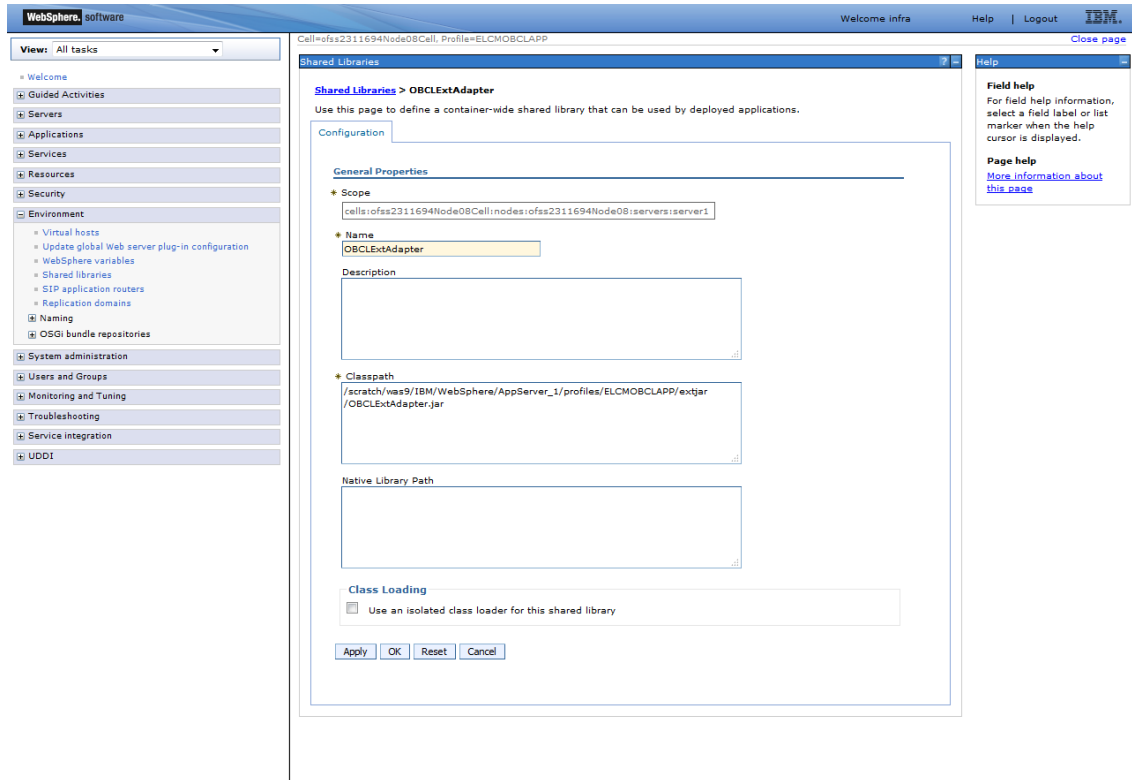
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8. Click 'Apply' and 'save' the changes.

1.2.2 FCUBS Application Deployment

To deploy Oracle FLEXCUBE UBS application on WebSphere application server, follow the steps given below:
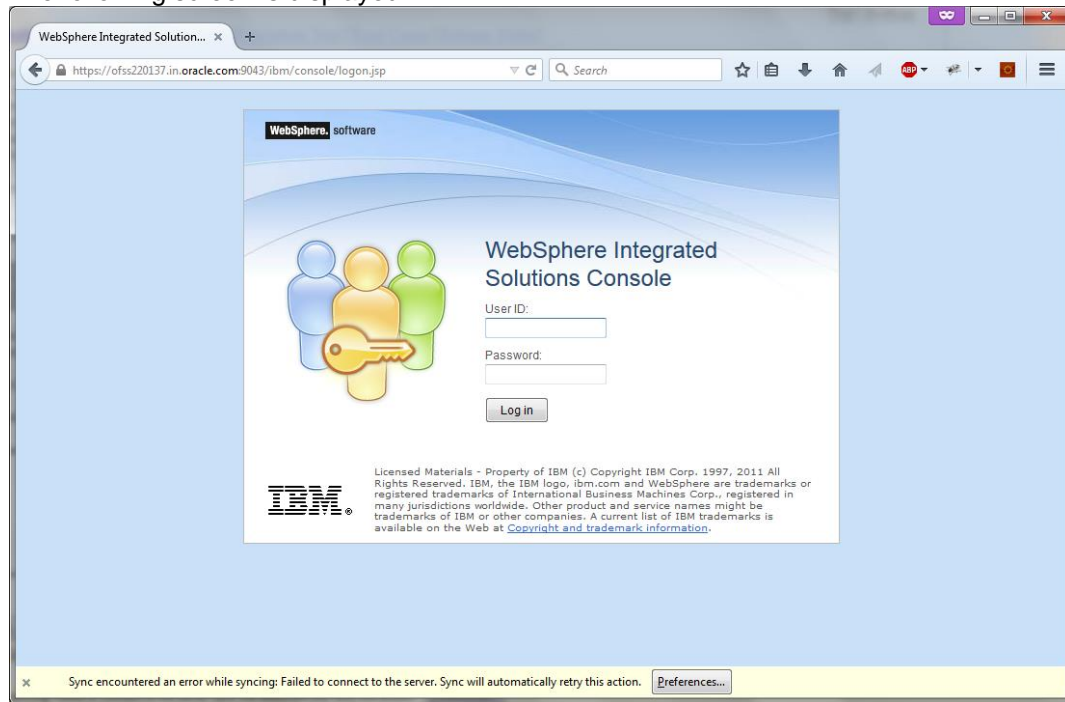
9. Open the Administrative Console of WebSphere server:

Open an internet browser and type the WebSphere Admin Console URL http://{Host}:{Port}/console.

Eg: https://10.10.10.10:1010/console

In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running.

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The following screen is displayed:

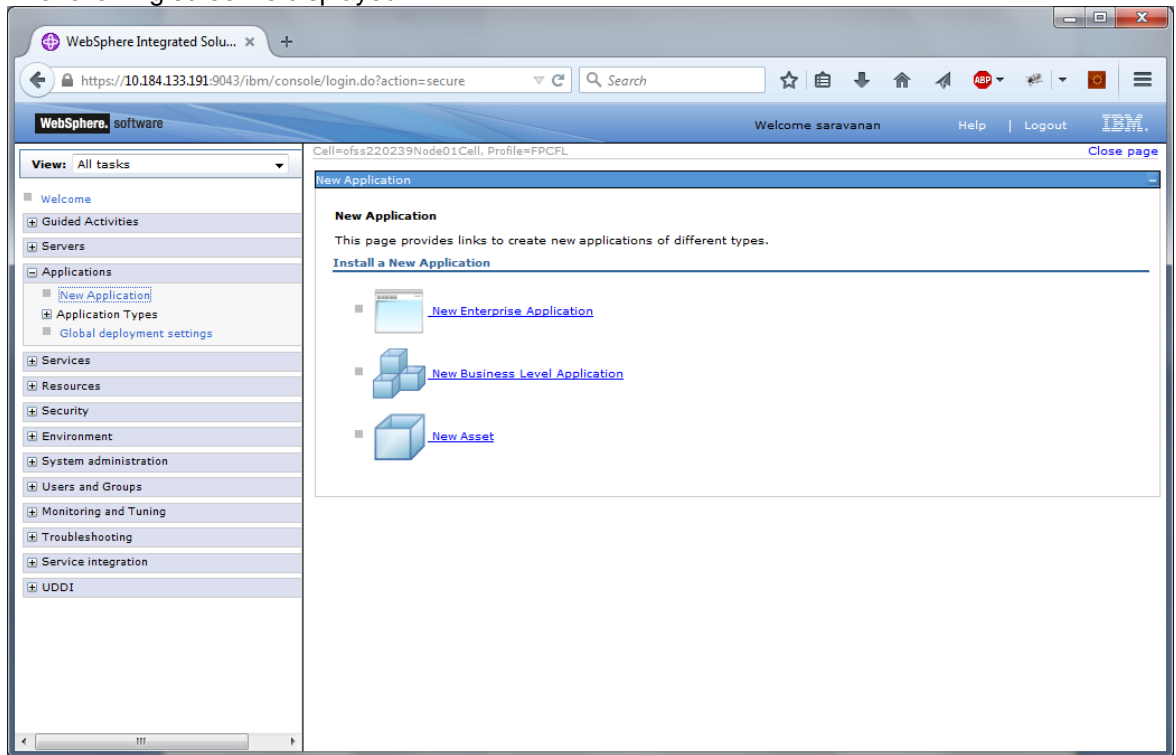10. Enter the user name and password and click 'Log In' to log in to the application server.

11. Navigate to the WebSphere Home Page.
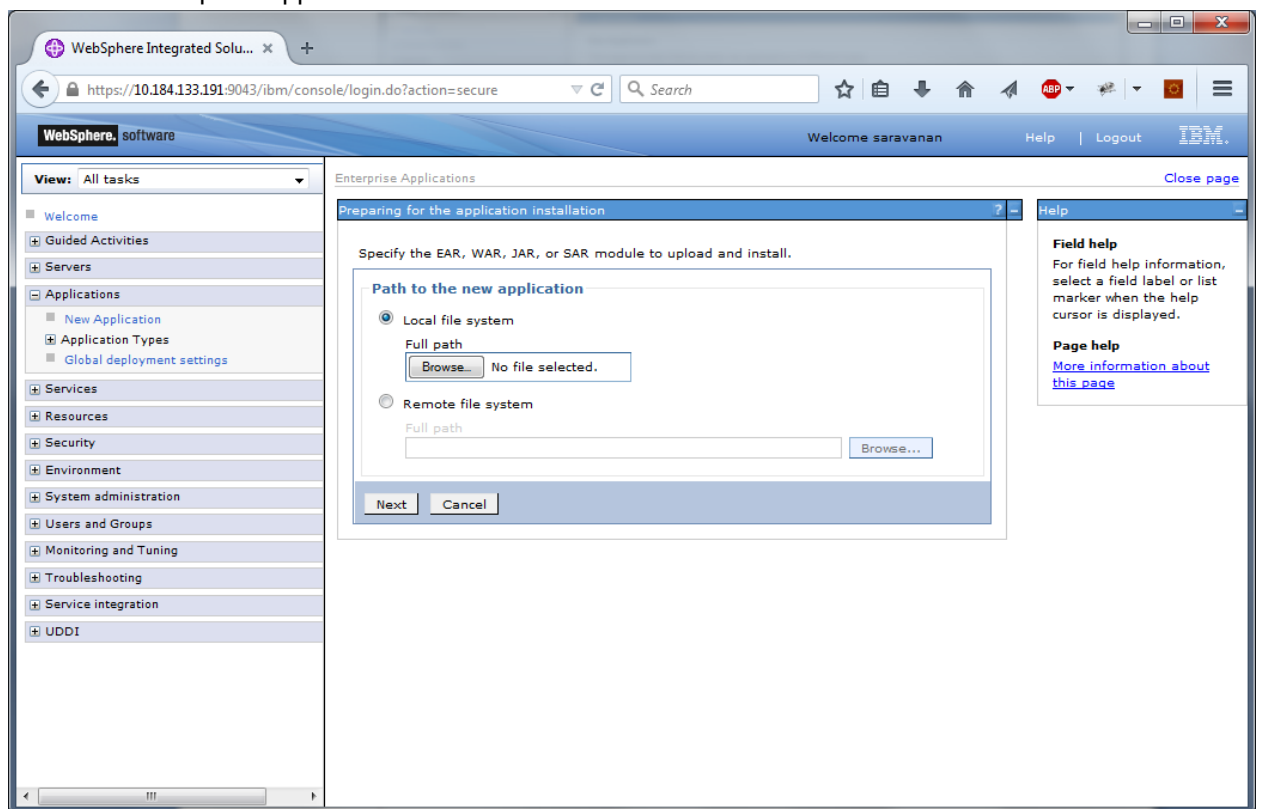
The following screen is displayed.
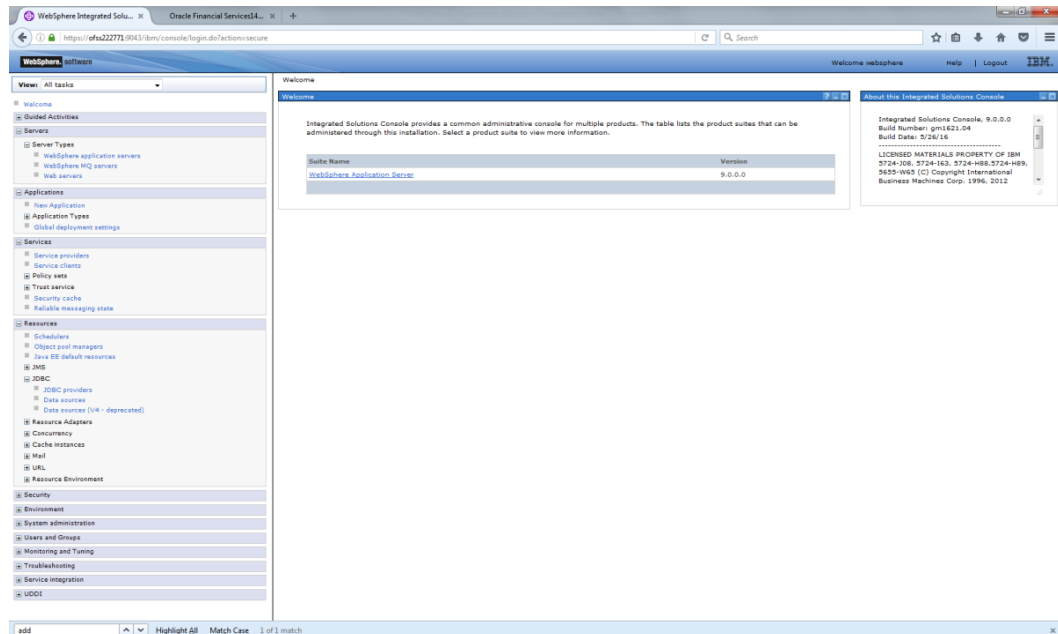
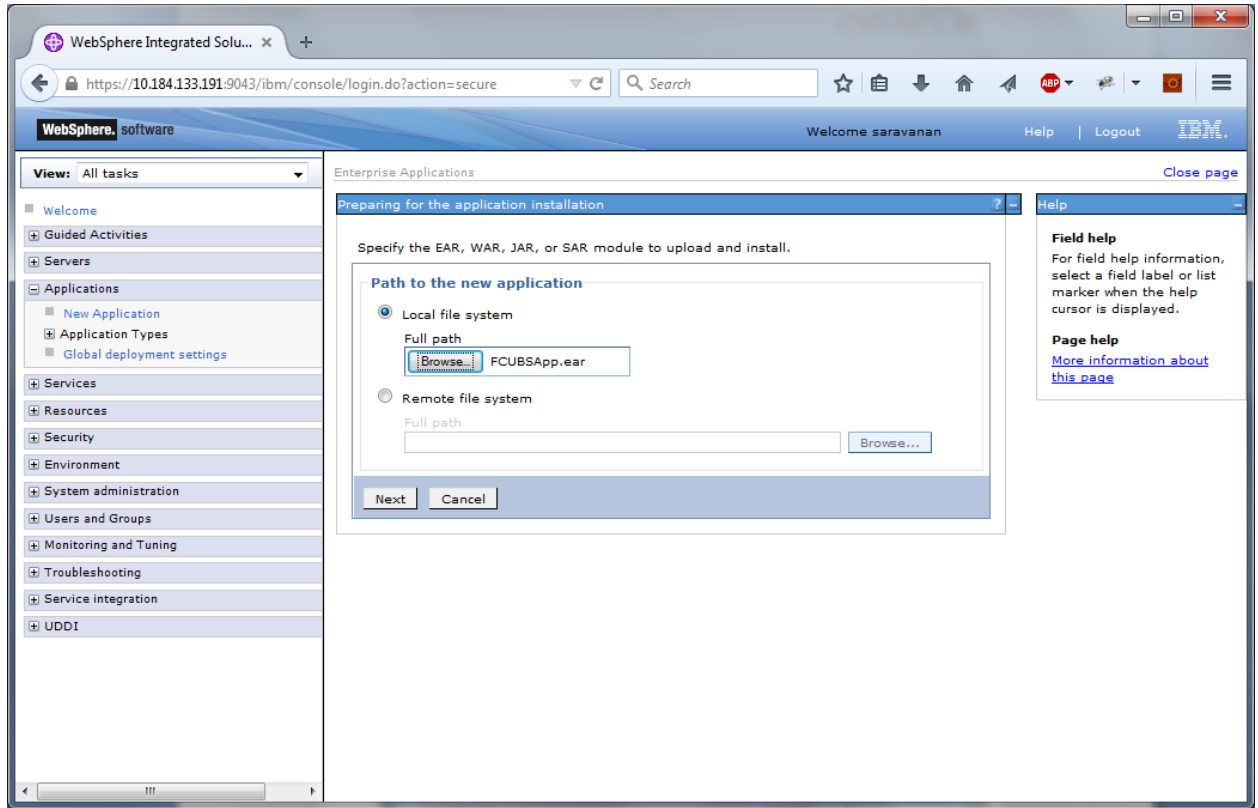12. Expand Applications from left-side menu and Click 'New Application'.

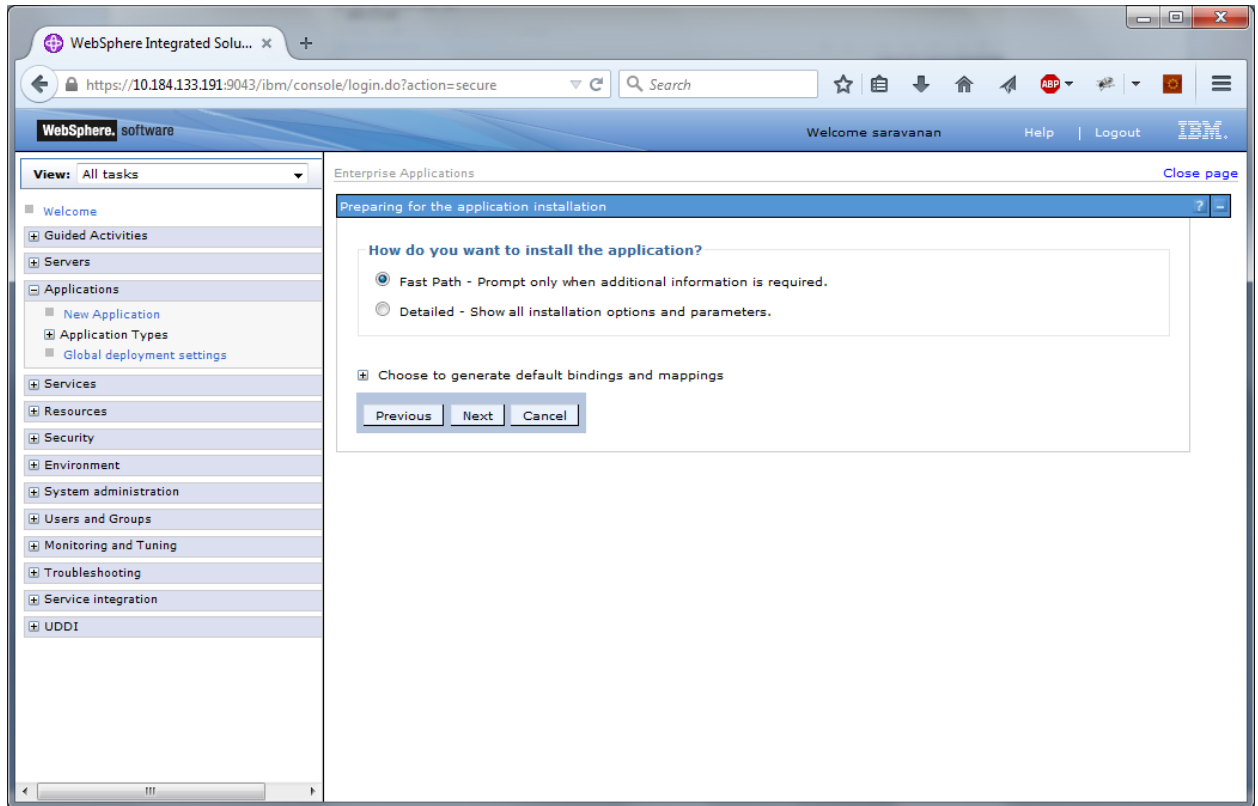**ORACLE**

The following screen is displayed.
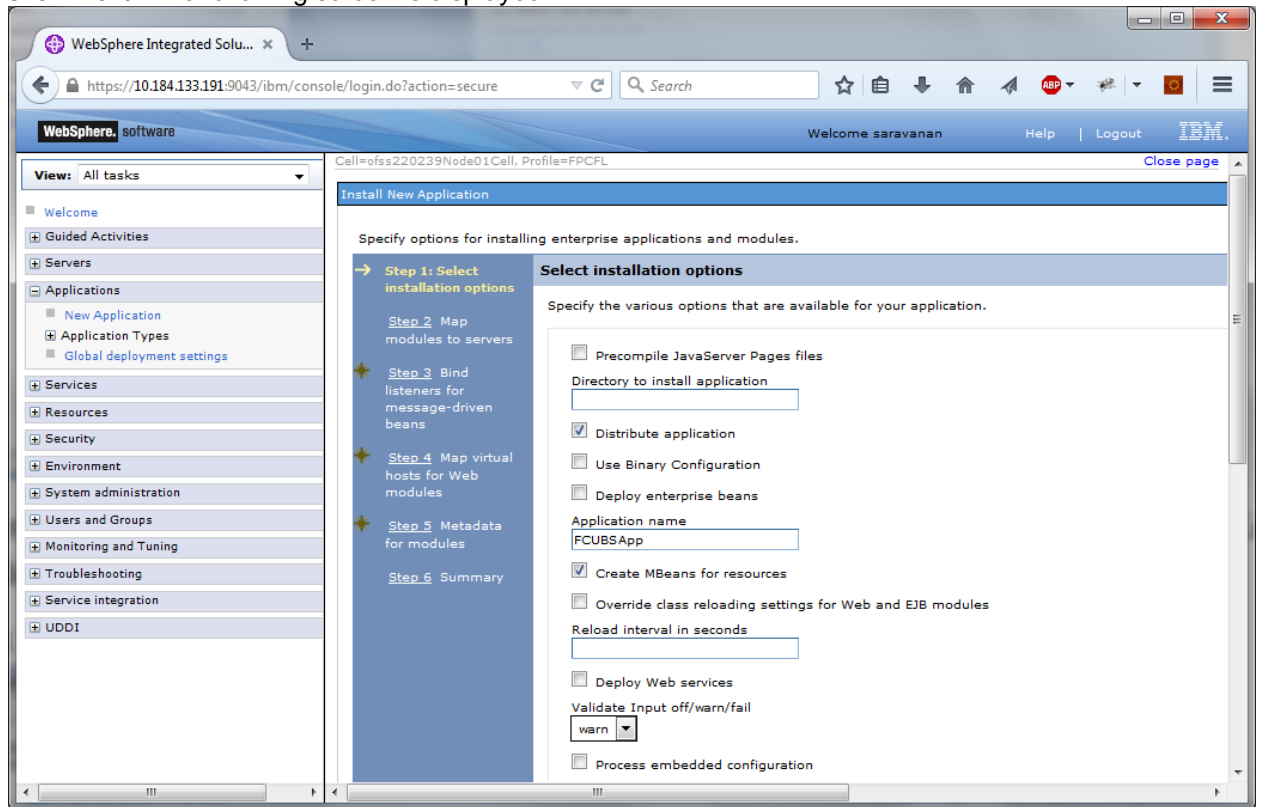

13. Click 'New Enterprise Application.

14. Browse the application EAR file and click next button
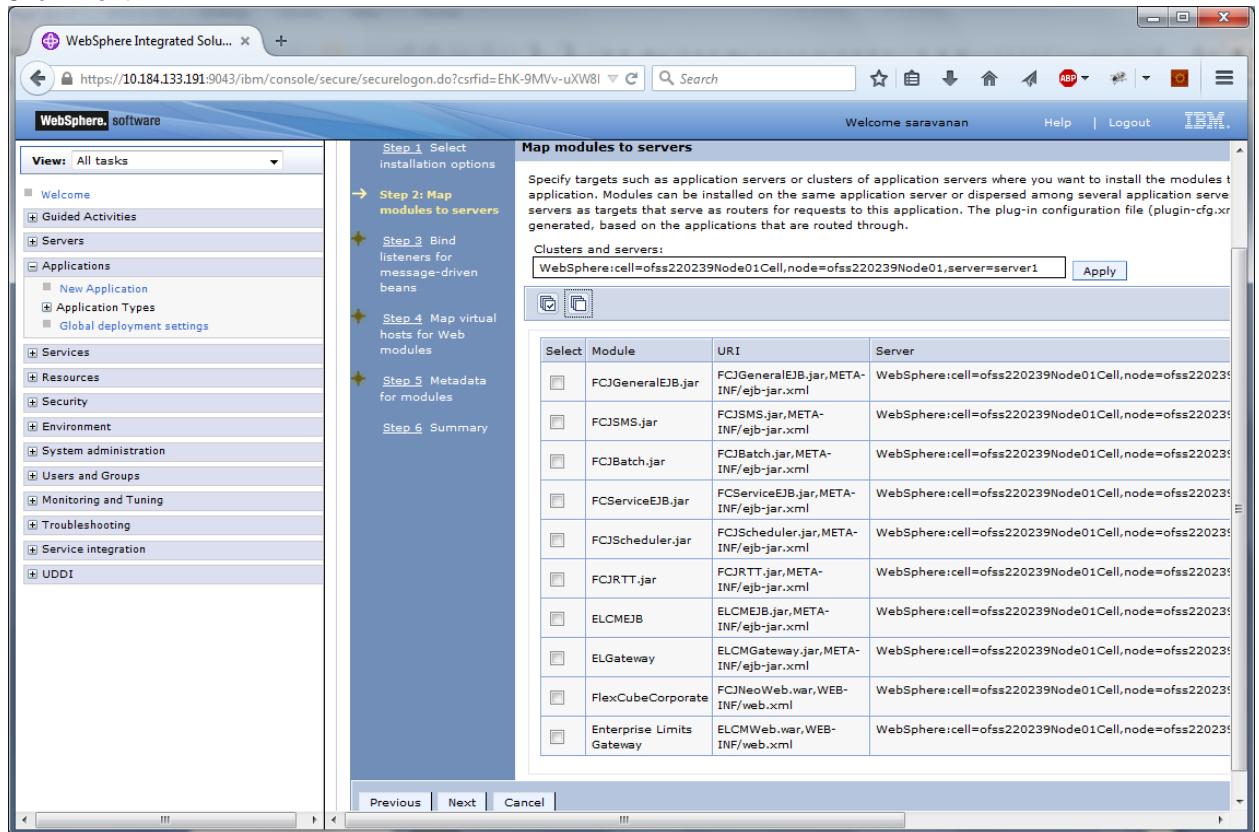
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The following screen is displayed.
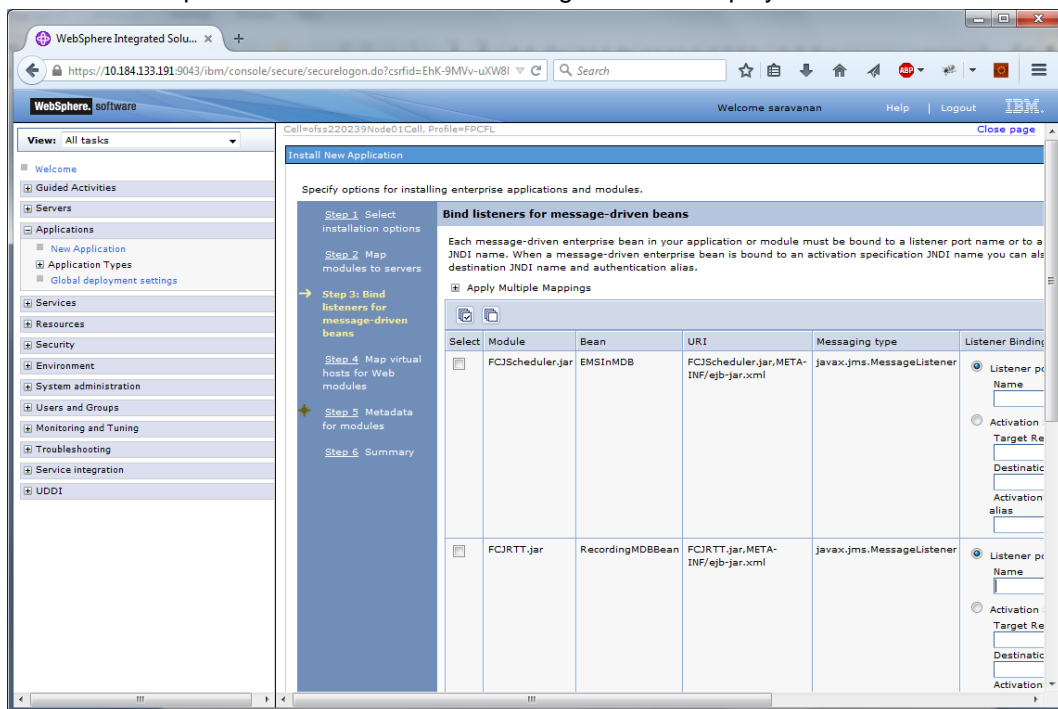
15. Click 'Next'. The following screen is displayed.

16. Enter the Application Name. This should be the application name mentioned as part of EAR building.
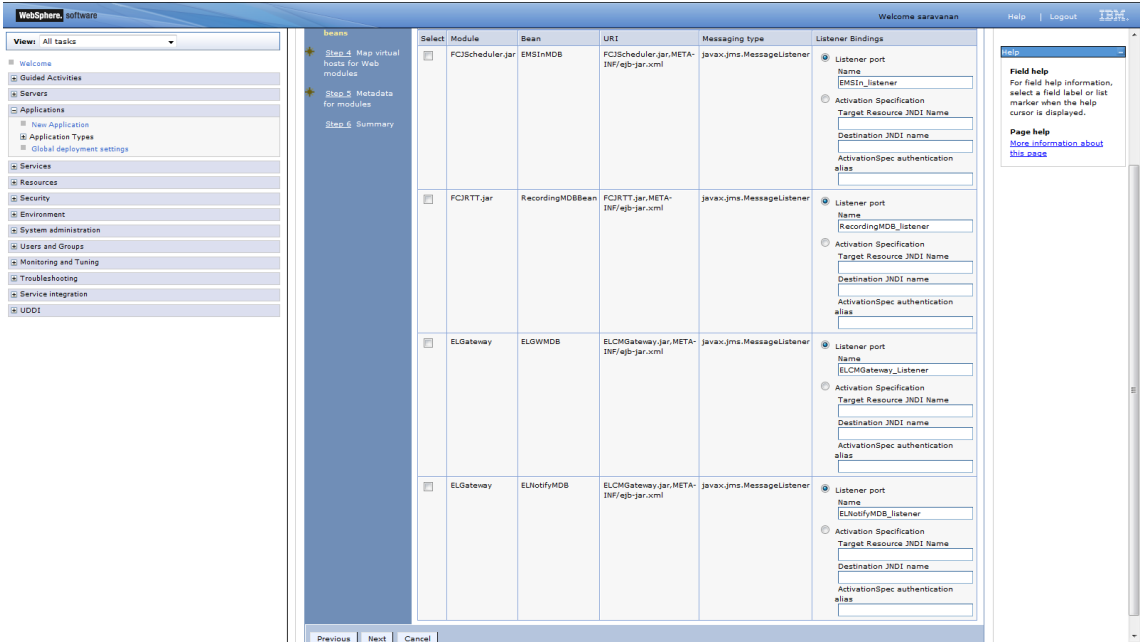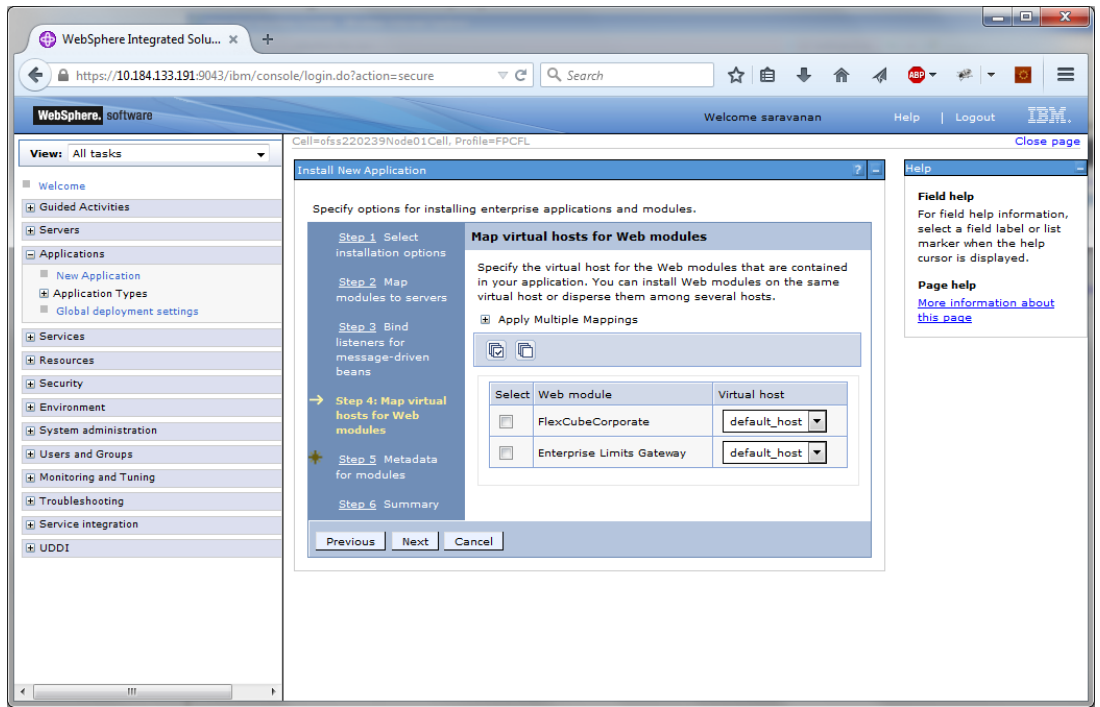
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17. Click 'Next'.

18. Check all the options. Click 'Next'. The following screen is displayed.
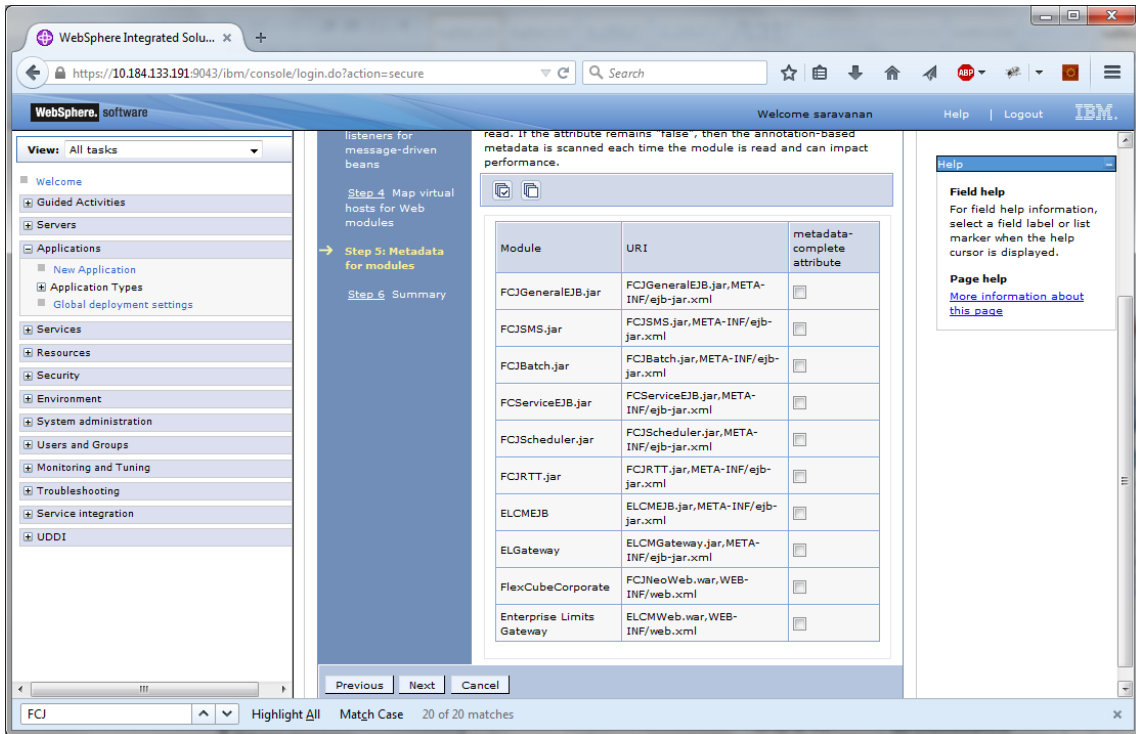

19. Specify the details as shown in the figure.

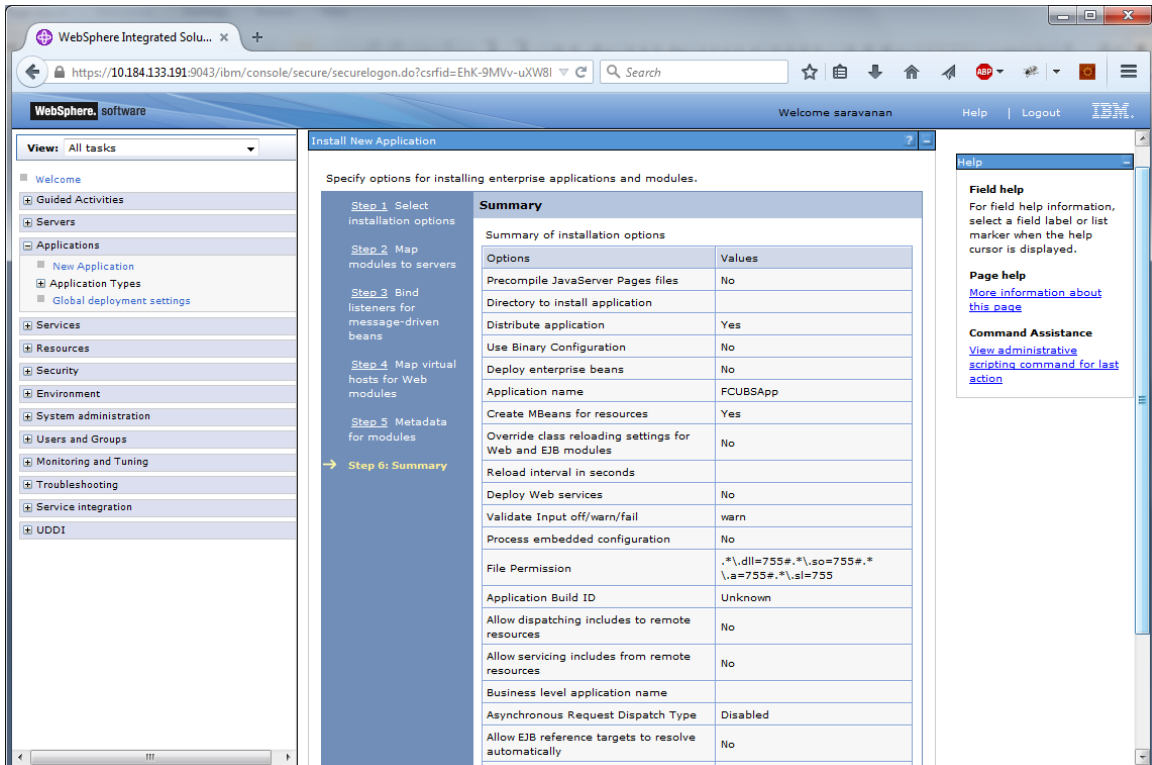ORACLE®

20. Click 'Next'. Following screen is displayed
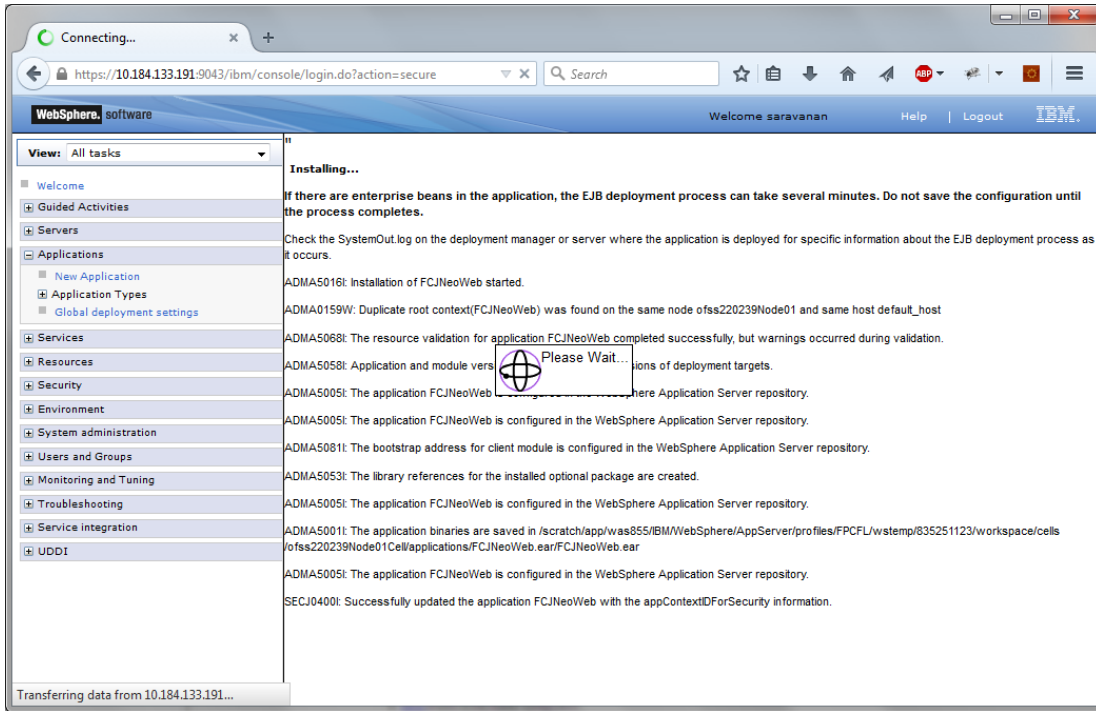

21. Click 'Next'.

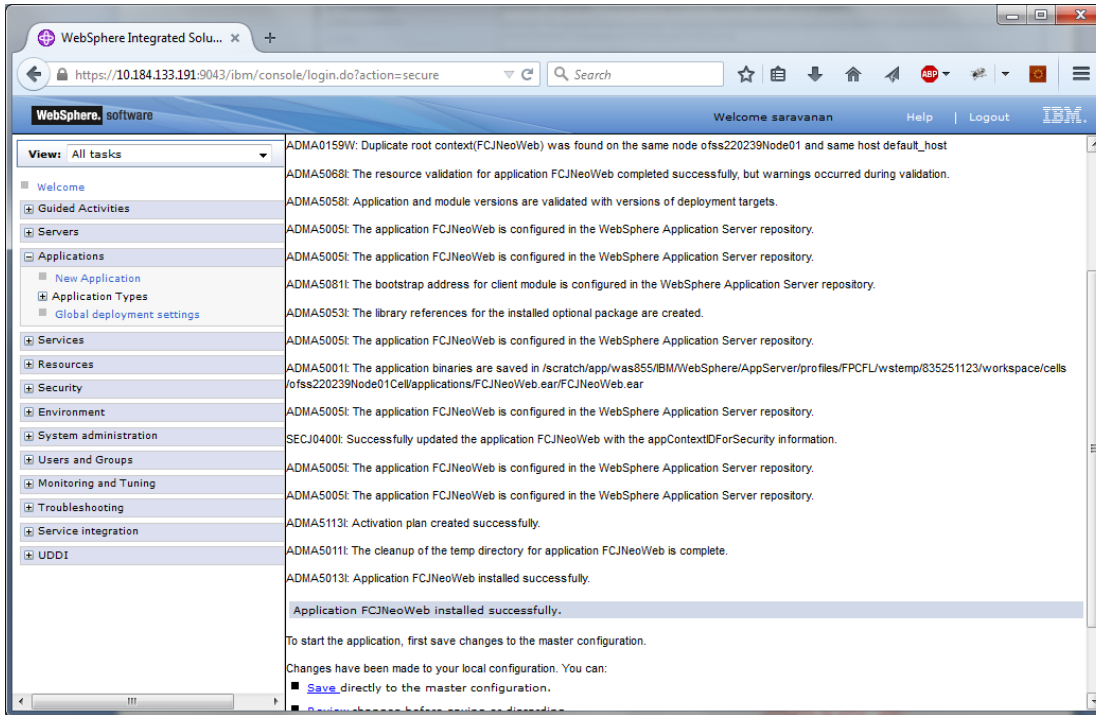The following screen is displayed.

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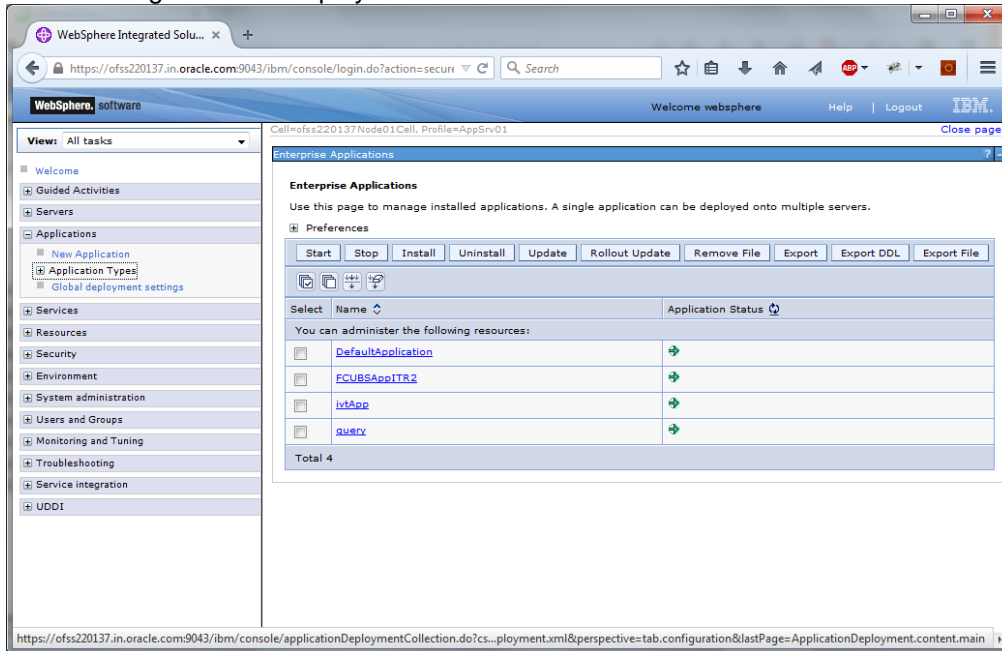
Click next.

22. Click 'Finish'.

The following screen is displayed.

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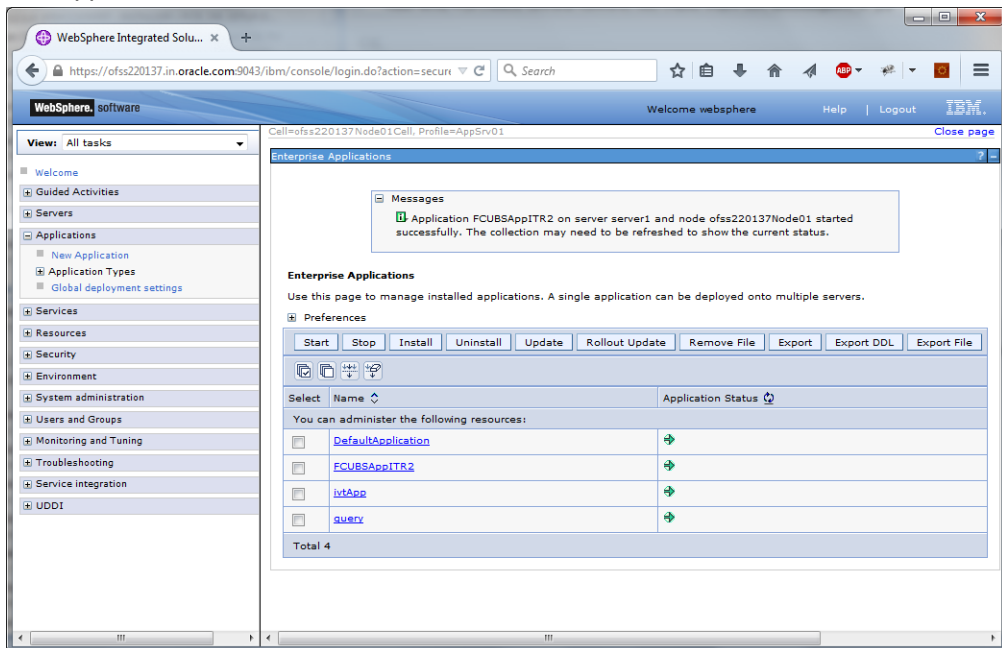
Wait for few seconds...

23. Click 'Save'.

The following screen is displayed.

24. Select the application and click 'Start'.

The application starts as shown below:

This completes the deployment of EAR (FCJNeoWeb.ear) on IBM WebSphere 9.0.0.0 Application Server from the Administration Console.

1.2.3   Link the adapter (Shared Libraries) to the Application

1.   Open the Administrative Console of WebSphere server:
2.   Open an internet browser and type the WebSphere Admin Console URL http://{Host}:{Port}/console.

3. Eg: https://10.10.10.10:1010/console
4. In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running

Go to Applications→ Application types →WebSphere enterprise applications →

Click on the resource where the adapter to be added (here it is   FCUBS)
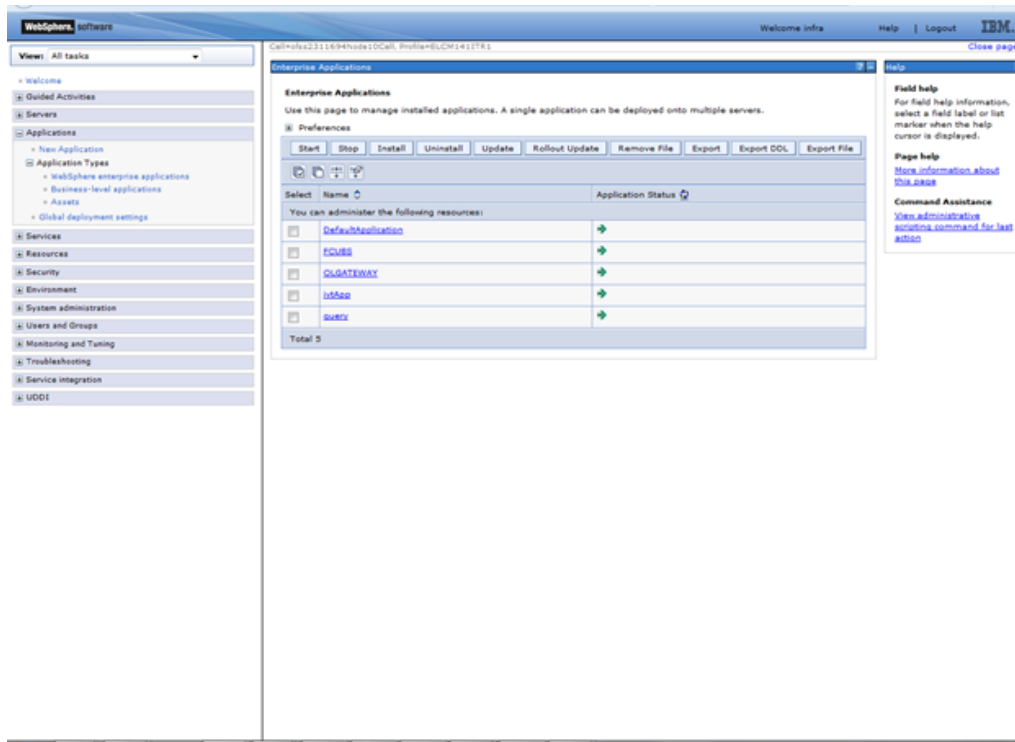
It will open configuration page of FCUBS. Click on Reference > shared library reference

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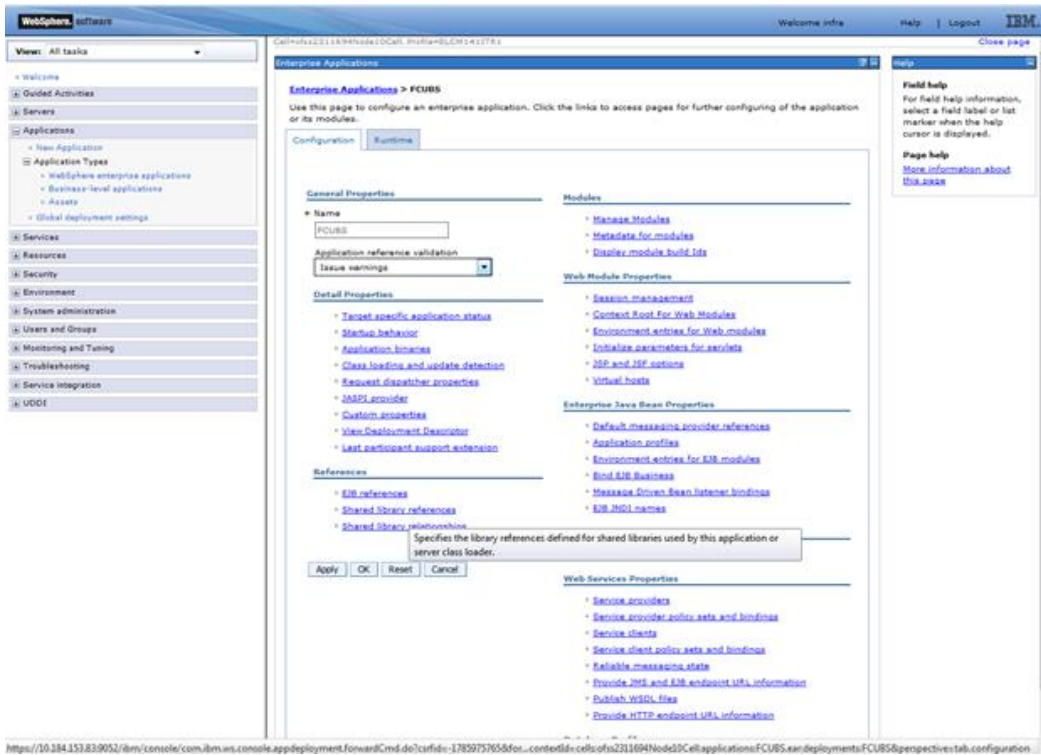
It will open the application > Shared library references page .Select the application (here FCUBS) and click on Reference shared libraries button.
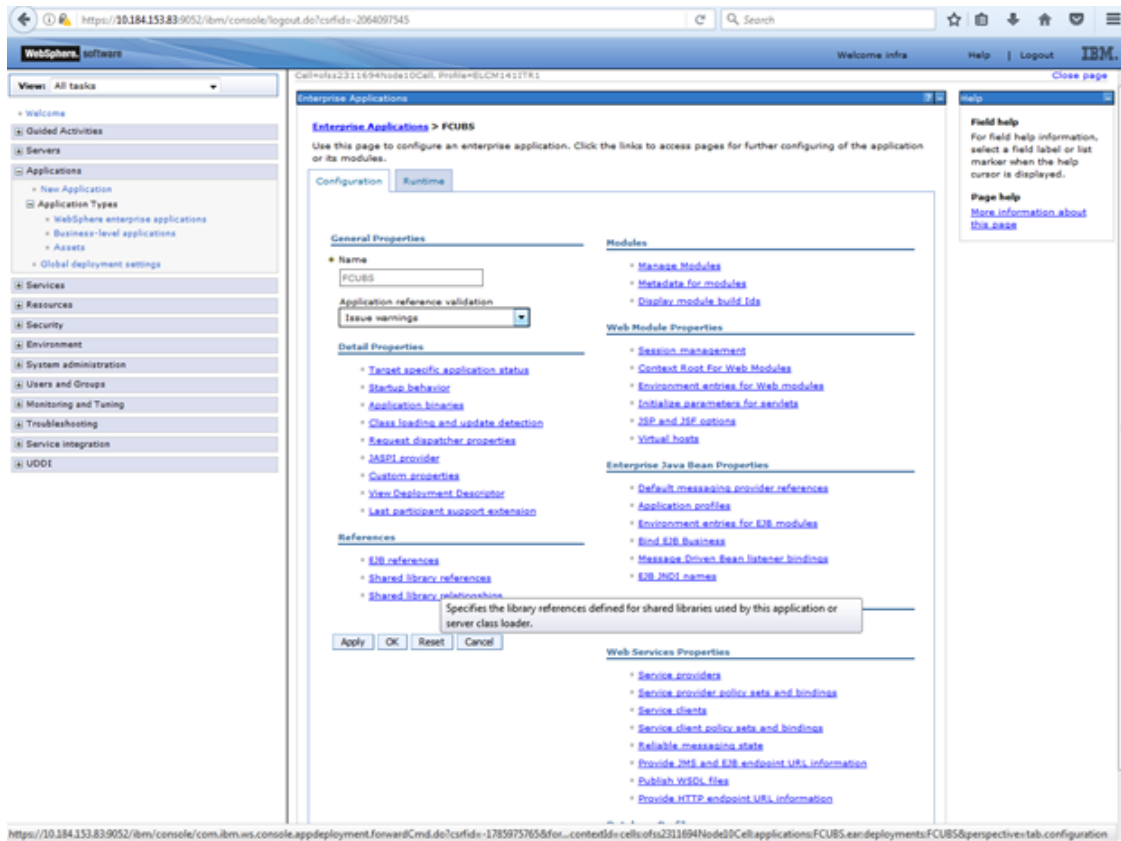
The Shared Library Mapping window opens add the available library and click on OK button.

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Click ok

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Click save and restart the Application server .
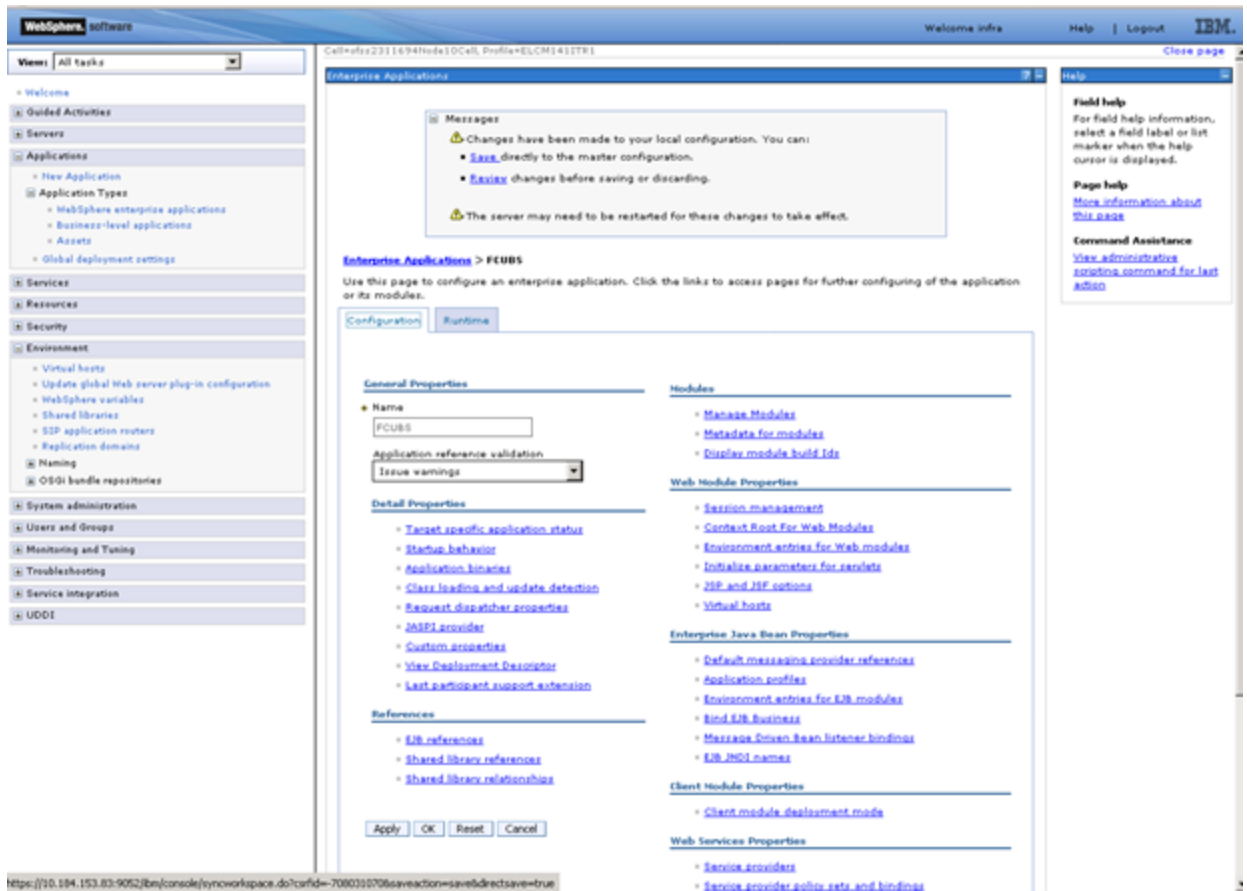
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1.2.4 FCUBS Scheduler Application Deployment

To deploy Oracle FLEXCUBE UBS application on WebSphere application server, follow the steps given below:
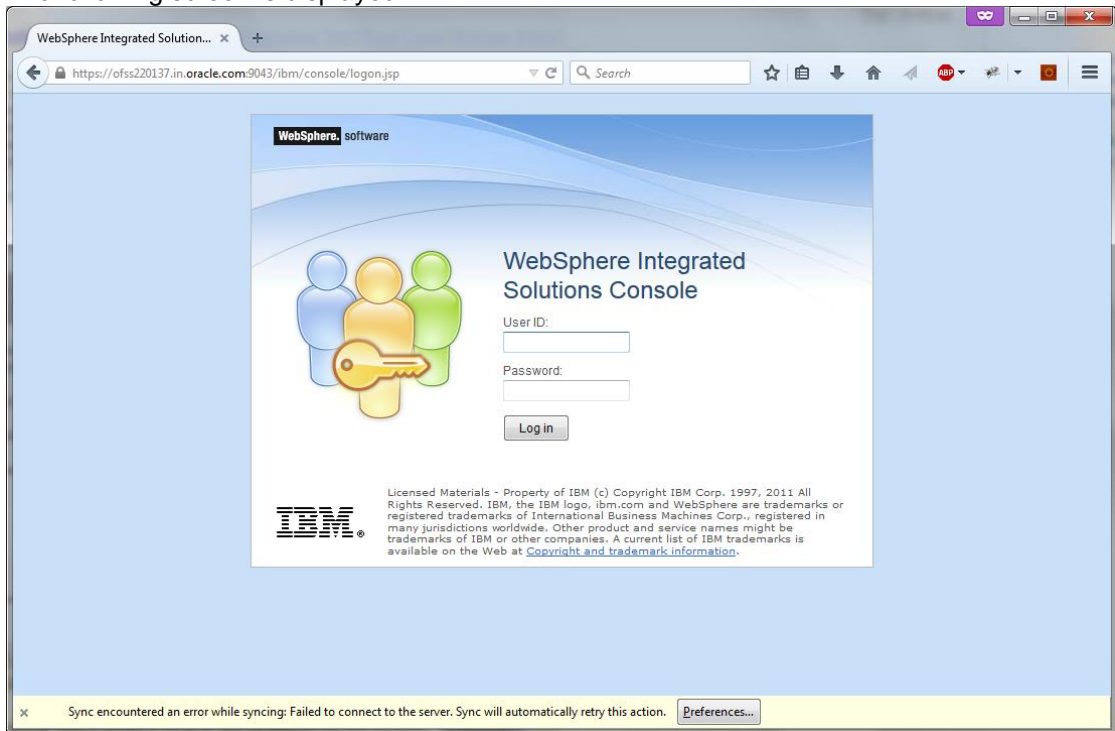
1. Open the Administrative Console of WebSphere server:

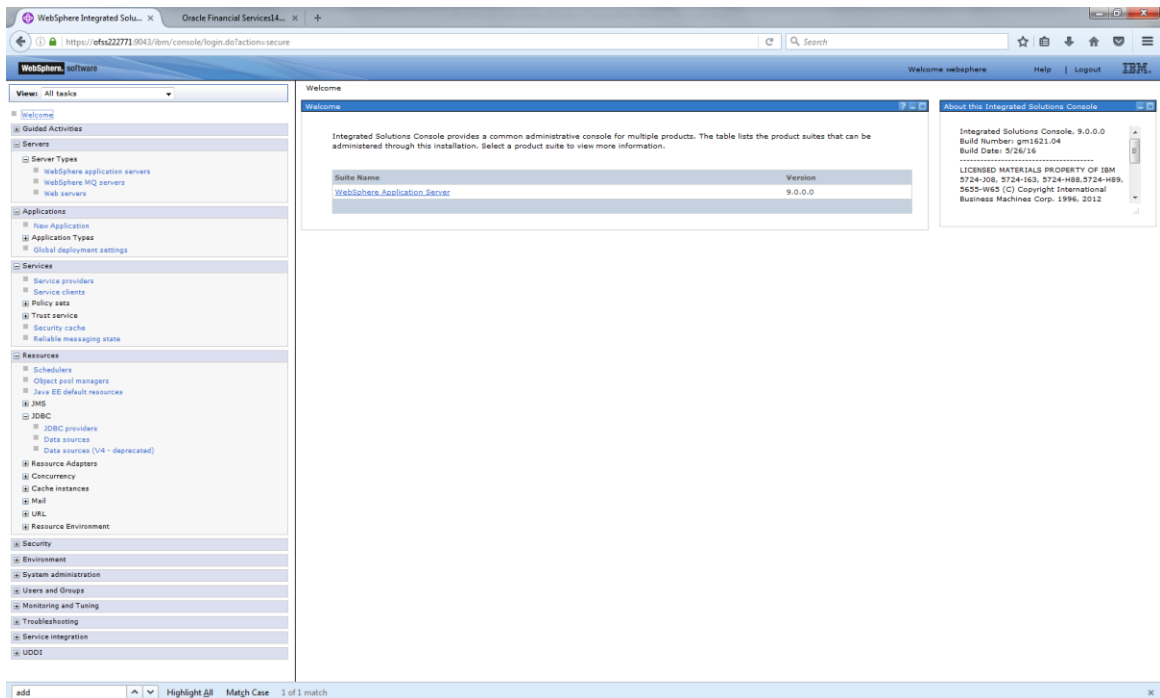   Open an internet browser and type the WebSphere Admin Console URL
   http://{Host}:{Port}/console.

   Eg: https://10.10.10.10:1010/console

   In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running.

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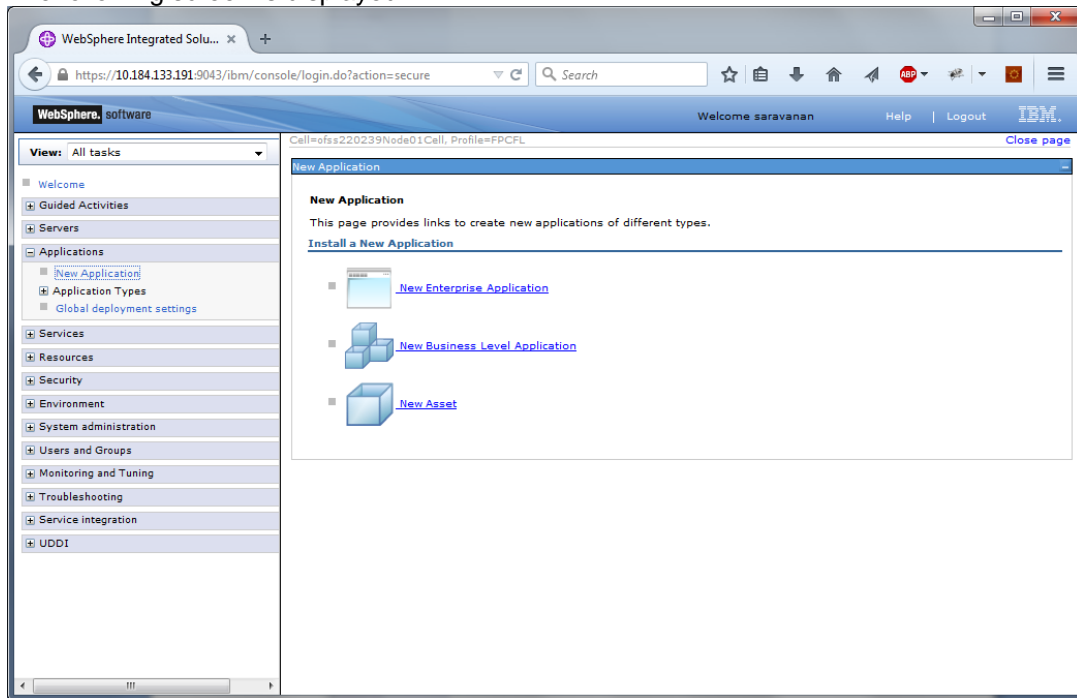The following screen is displayed:

2. Enter the user name and password and click 'Log In' to log in to the application server.

3. Navigate to the WebSphere Home Page.
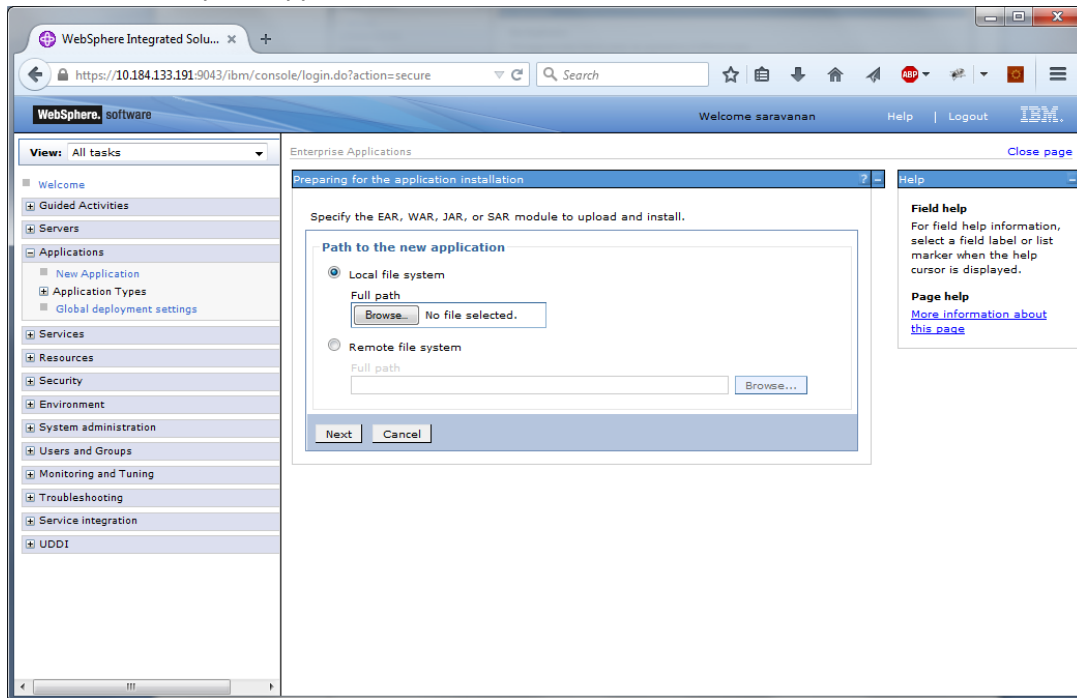
   The following screen is displayed.

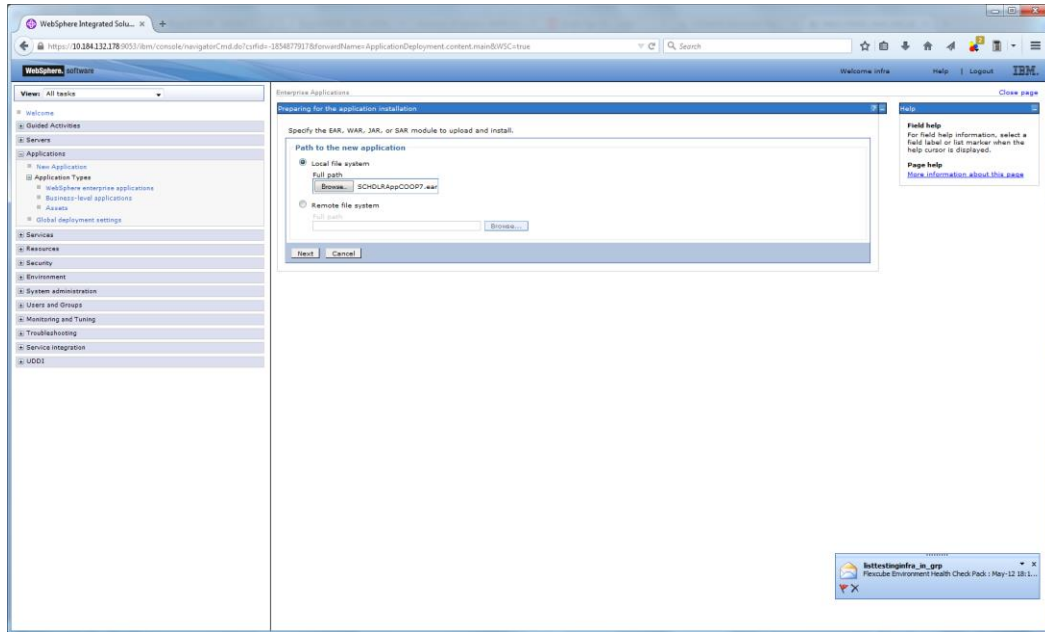4. Expand Applications from left-side menu and Click 'New Application'.

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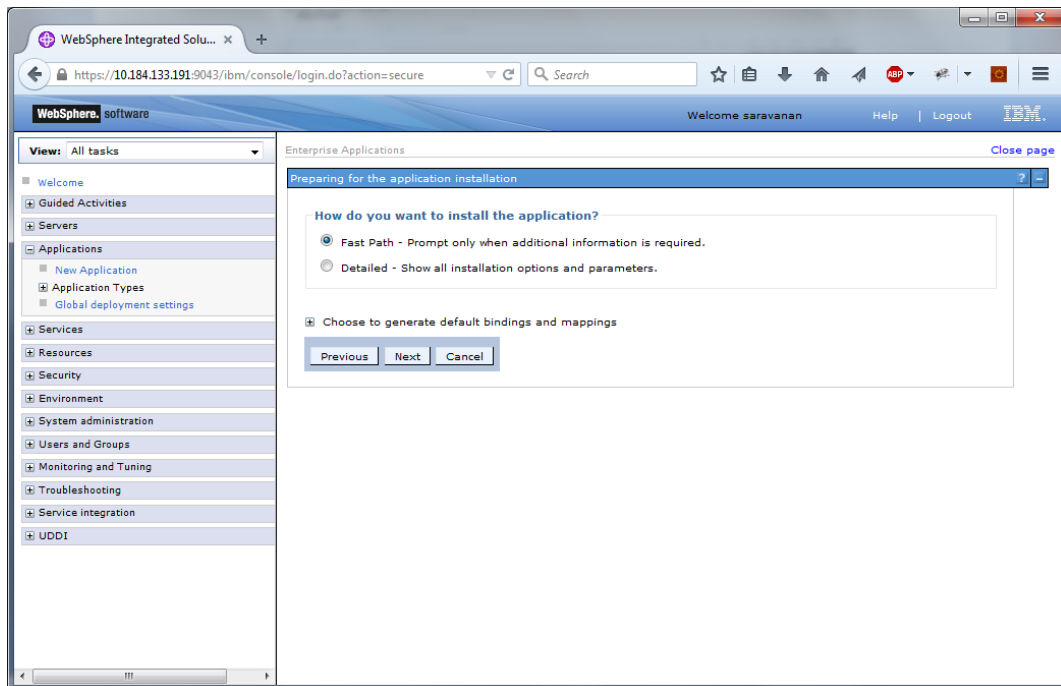
The following screen is displayed.
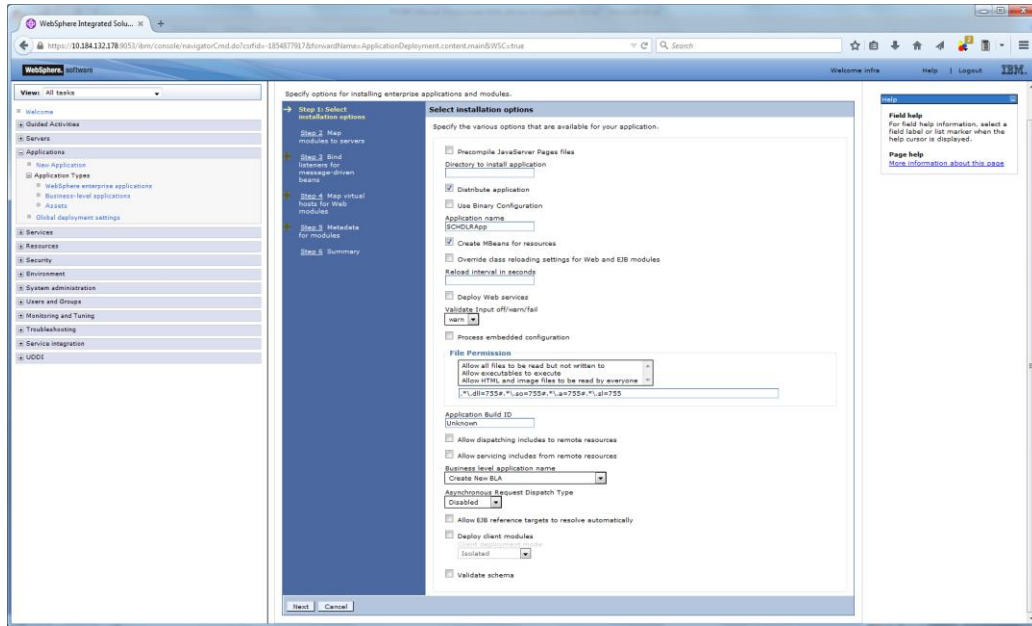

5. Click 'New Enterprise Application.

6. Browse the application EAR file and click next button
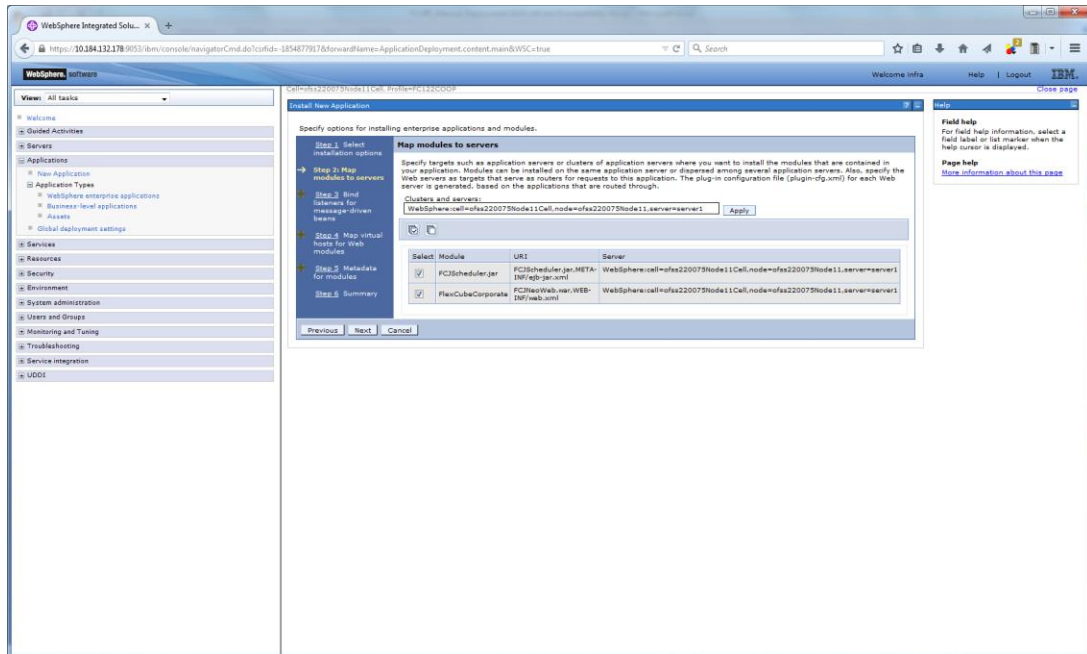
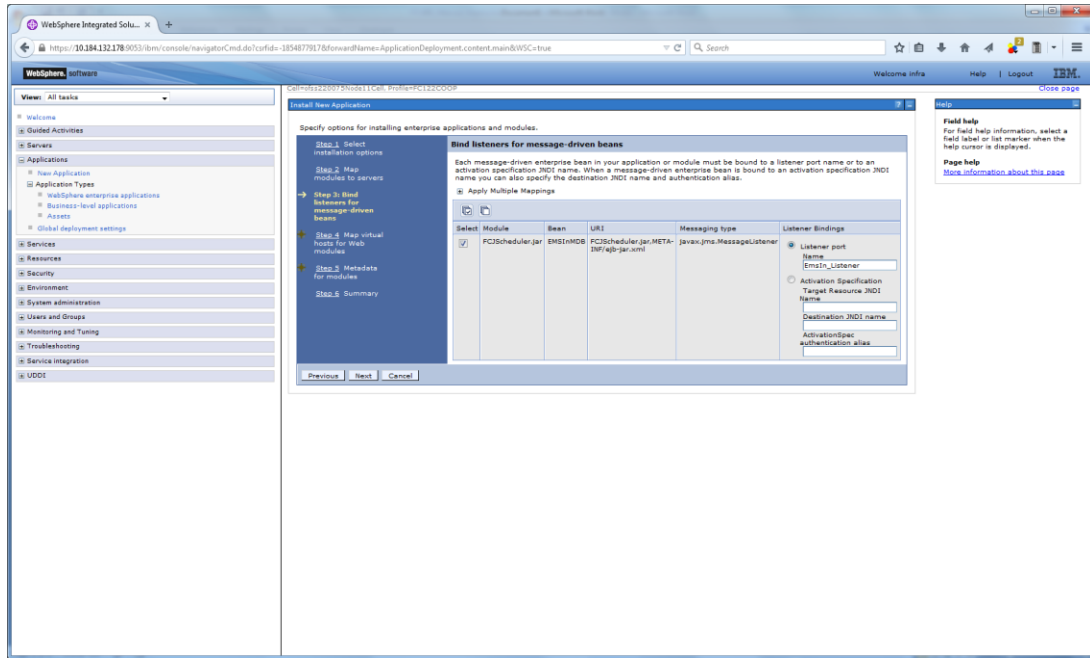ORACLE®

The following screen is displayed.

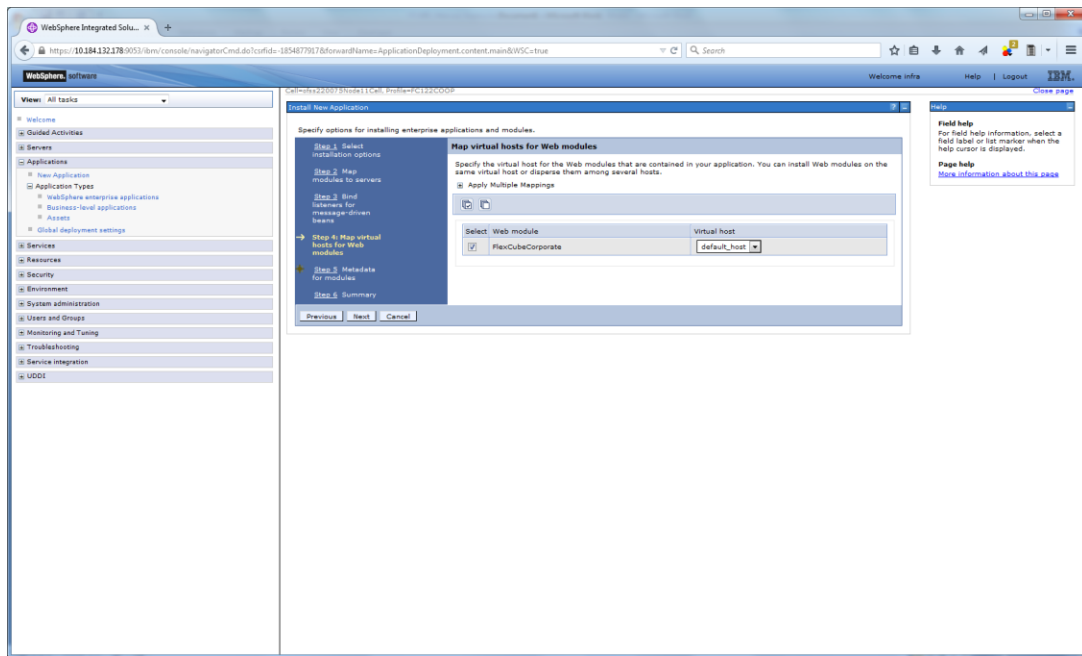7. Click 'Next'. The following screen is displayed.

8. Enter the Application Name. This should be the application name mentioned as part of EAR building.
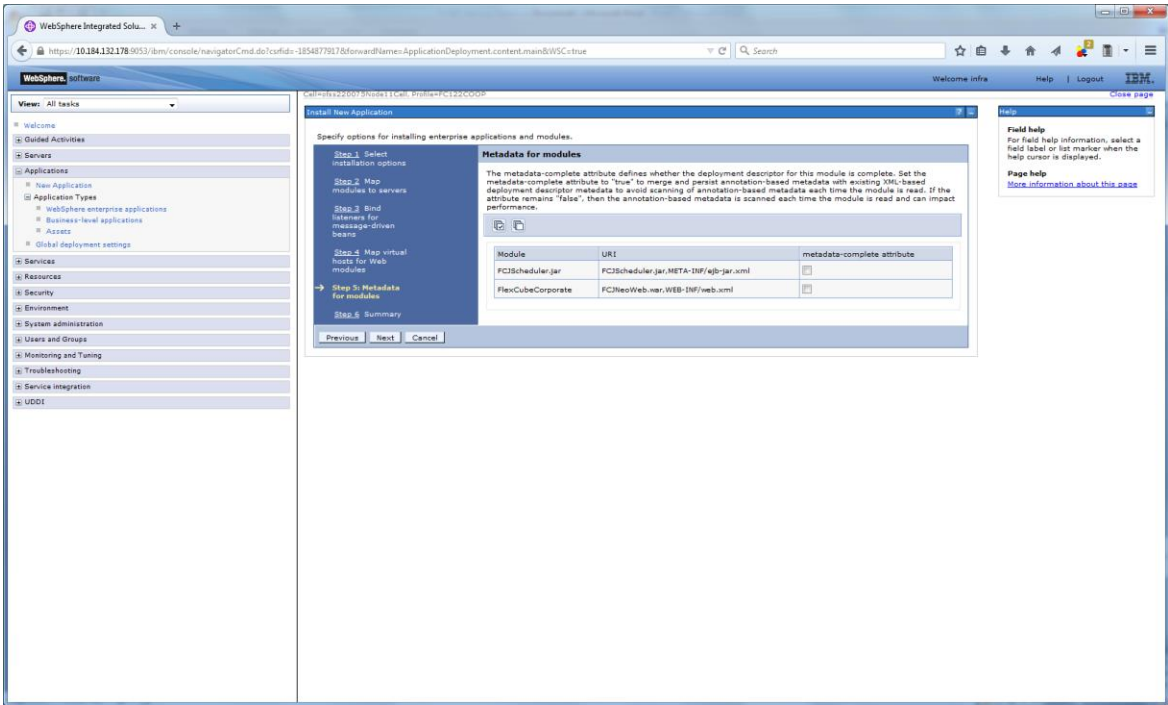

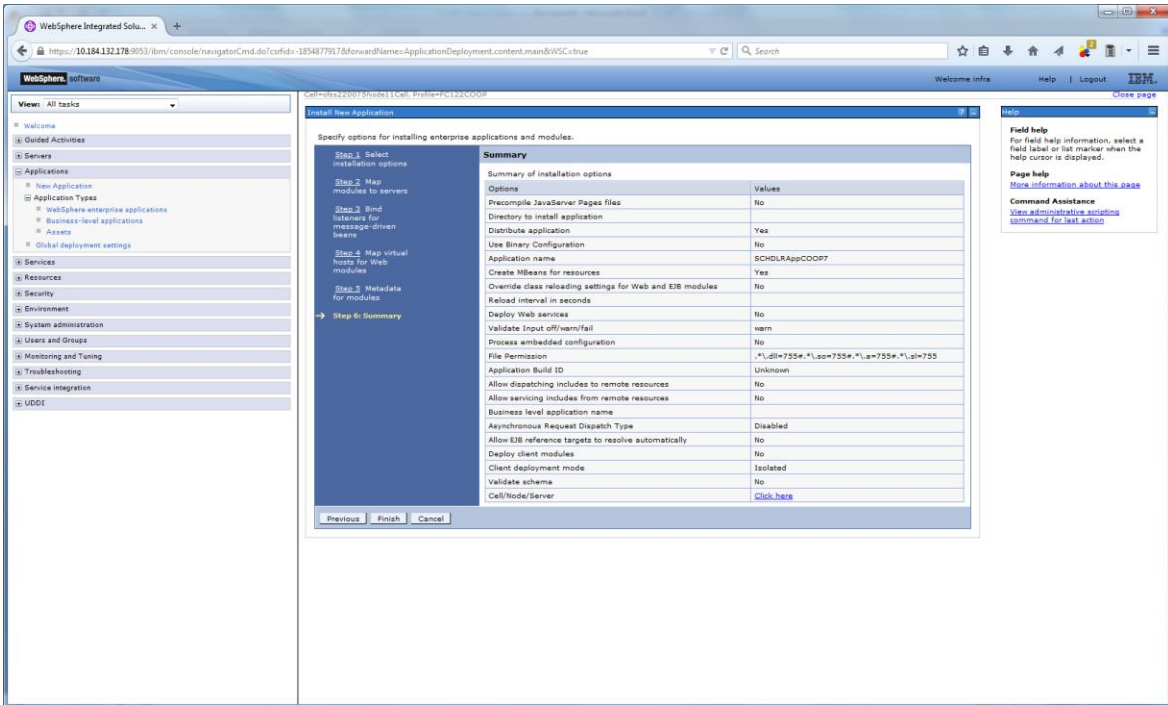9. Check all the options. Click 'Next'. The following screen is displayed.

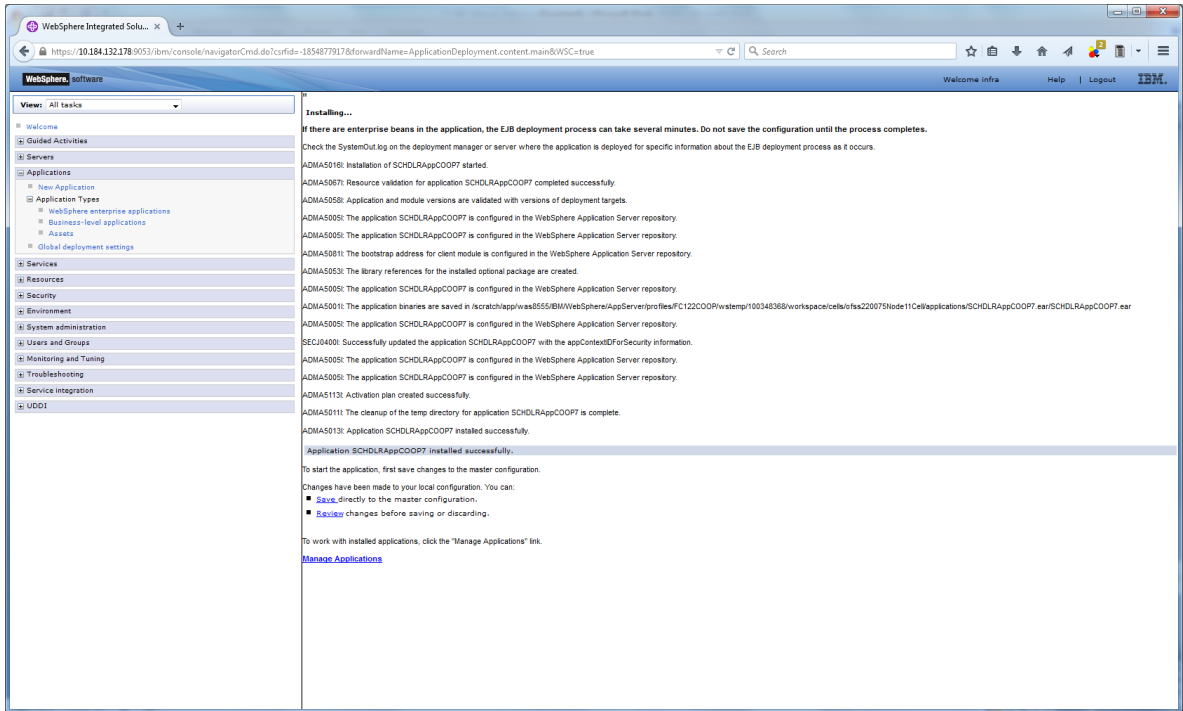ORACLE®

10. Specify the details as shown in the figure.

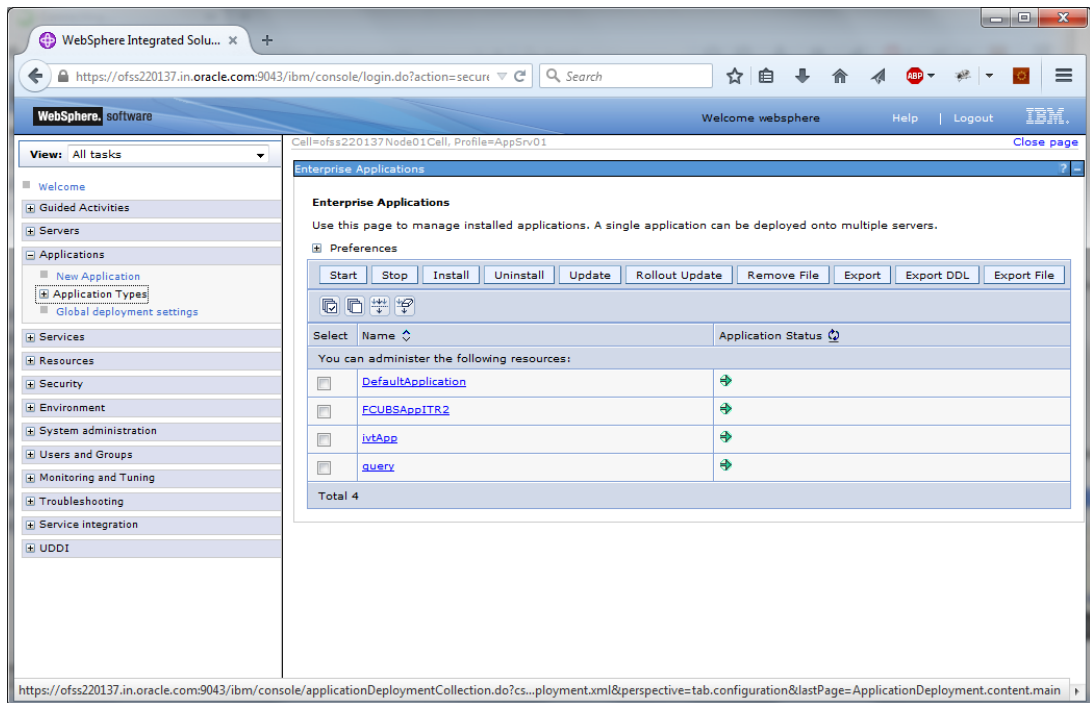11. Click 'Next'. The following screen is displayed.

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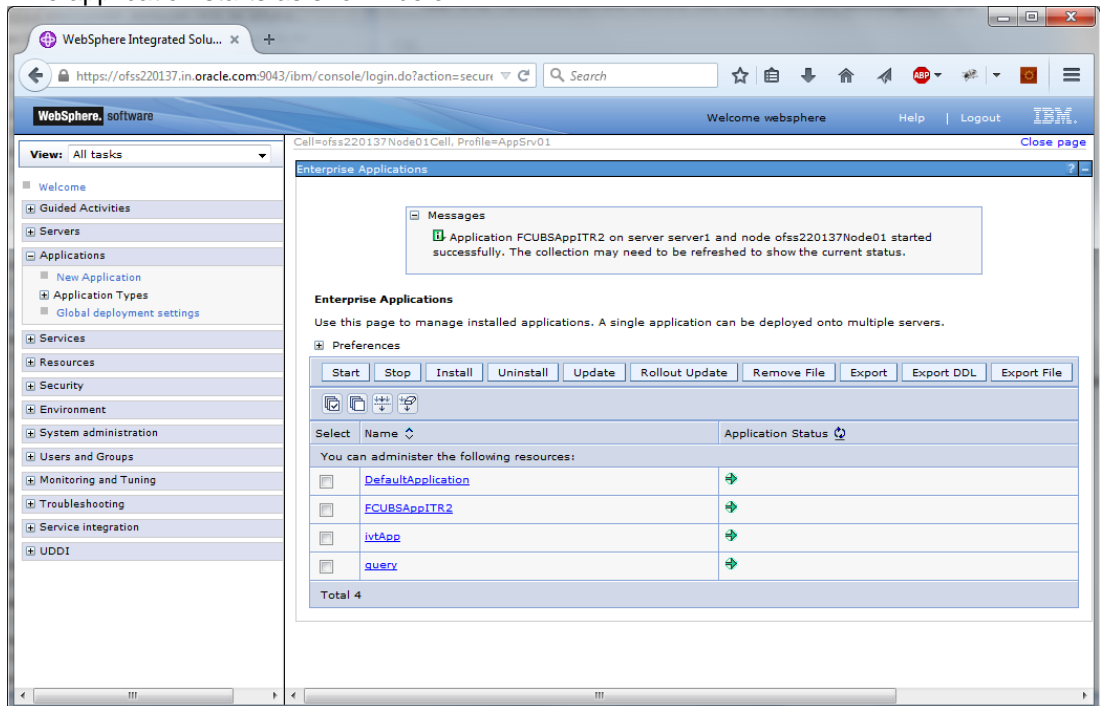

13. Click 'Finish'. The following screen is displayed.

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Click 'Save'.The following screen is displayed.

14. Select the application and click 'Start'.

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The application starts as shown below:

1.2.5 FCUBS GWEJB Application Deployment

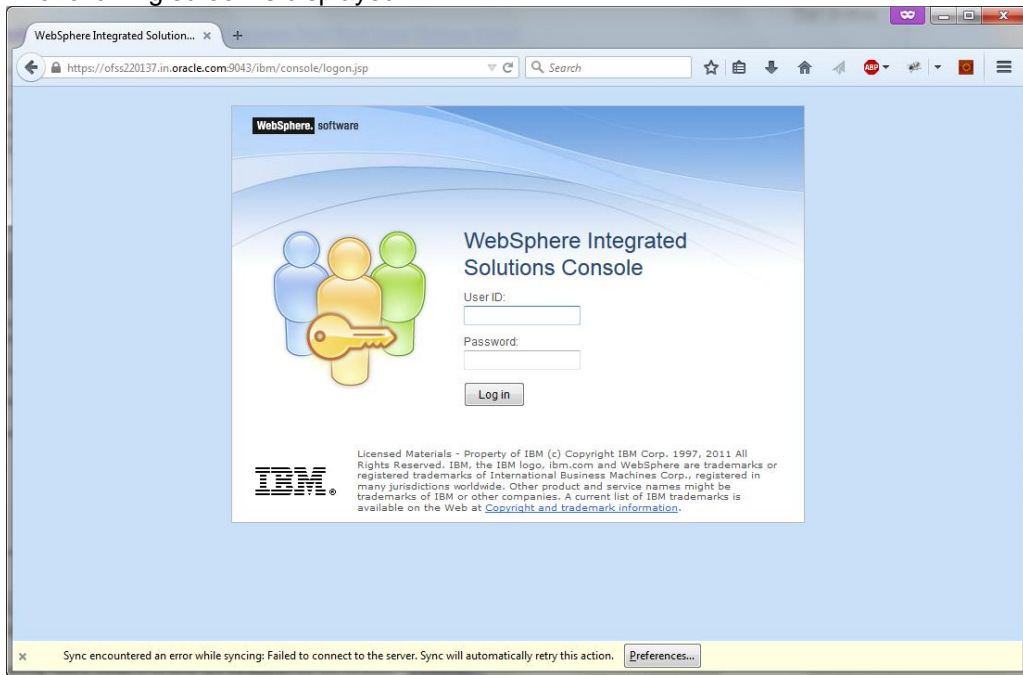To deploy Oracle FLEXCUBE UBS application on WebSphere application server, follow the steps given below:

1. Open the Administrative Console of WebSphere server:

Open an internet0020browser and type the WebSphere Admin Console URL http://{Host}:{Port}/console.

Eg: https://10.10.10.10:1010/console

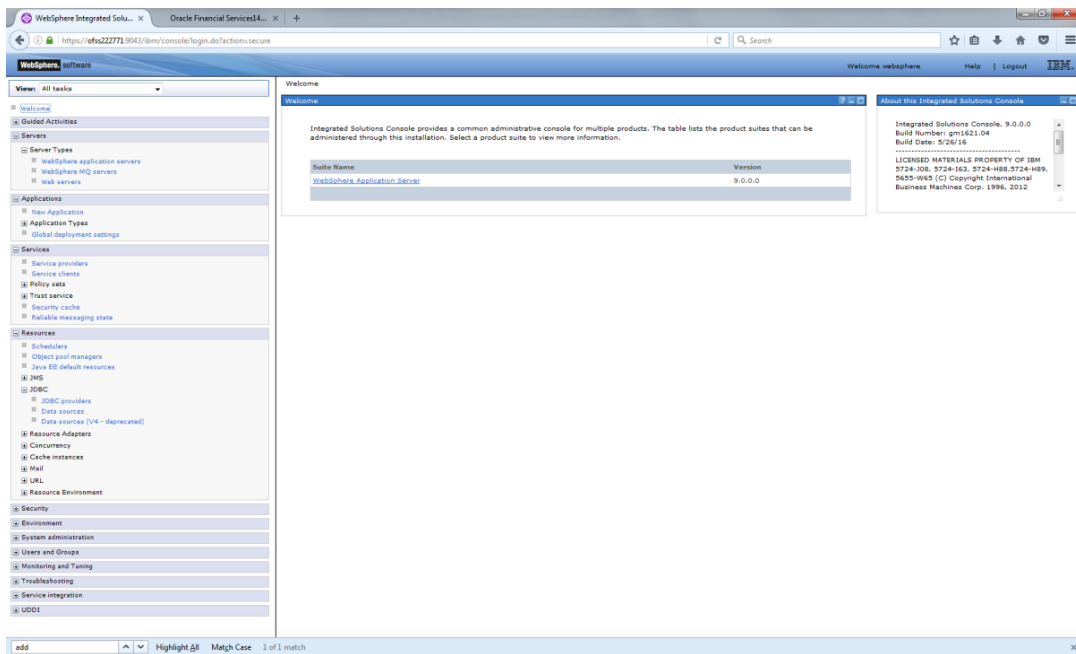In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running.

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The following screen is displayed**:**

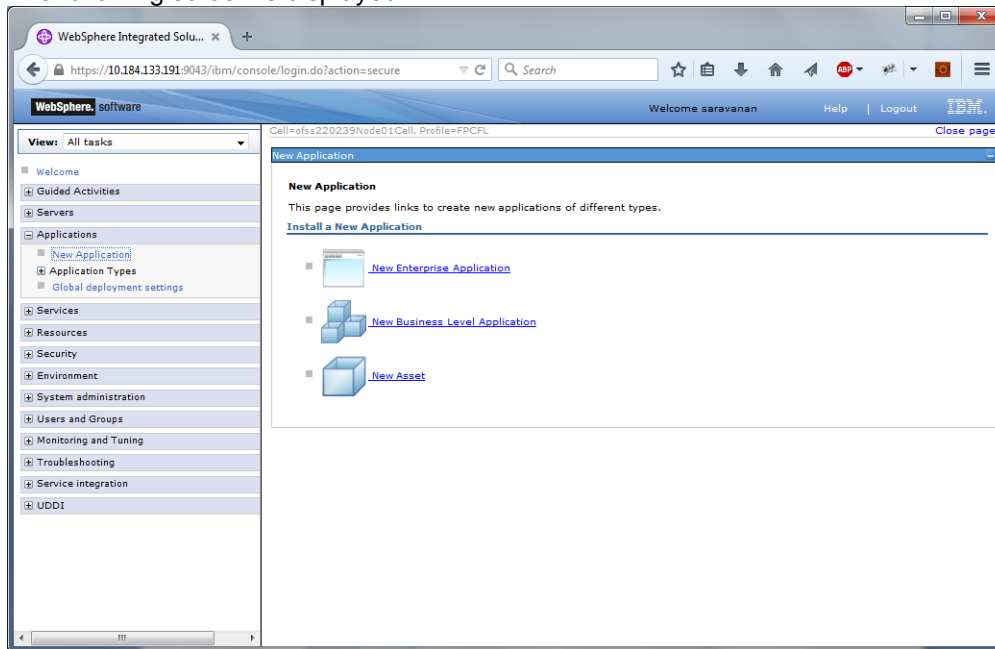2. Enter the user name and password and click 'Log In' to log in to the application server.

3. Navigate to the WebSphere Home Page.
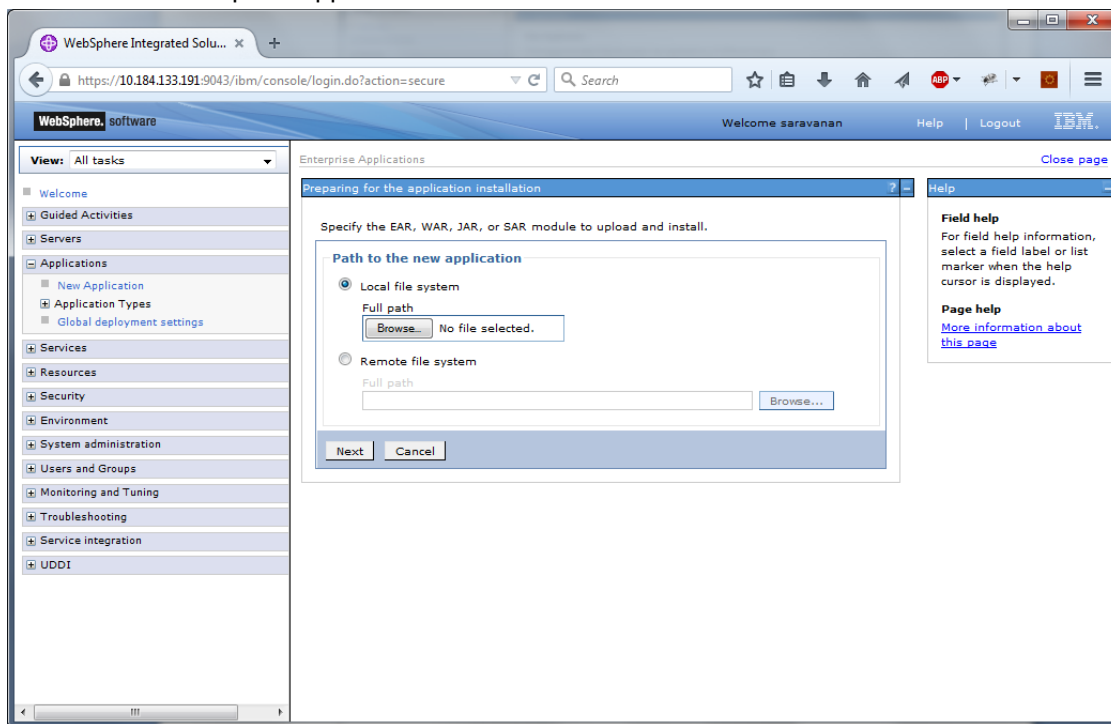
The following screen is displayed.

4. Expand Applications from left-side menu and Click 'New Application'.
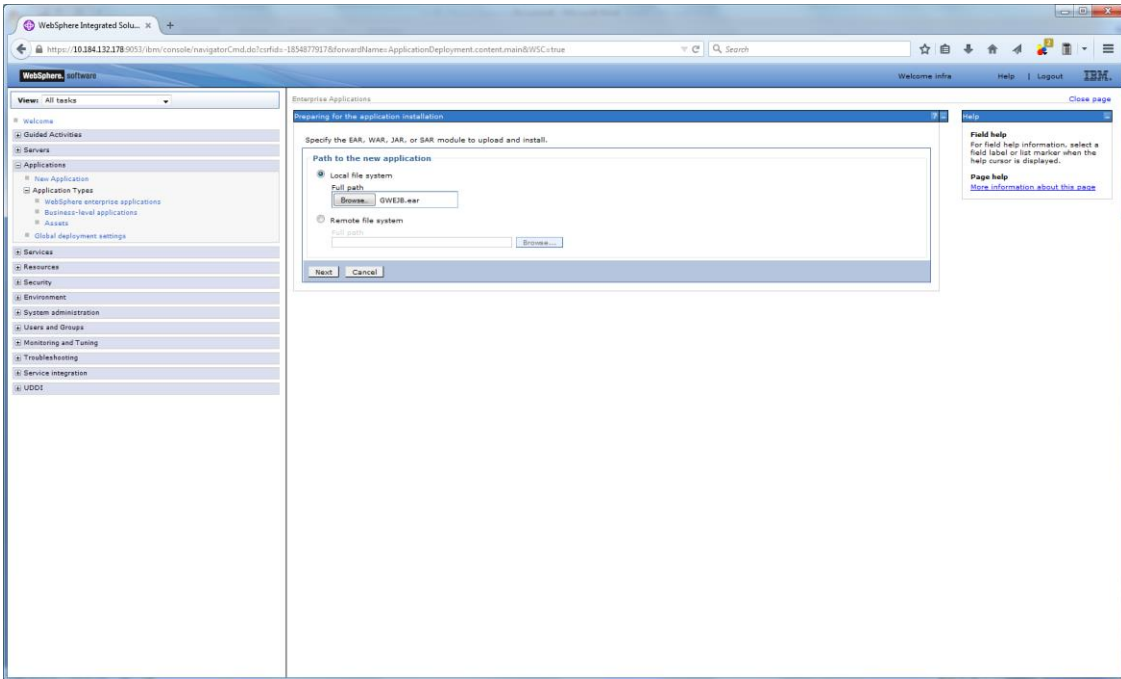
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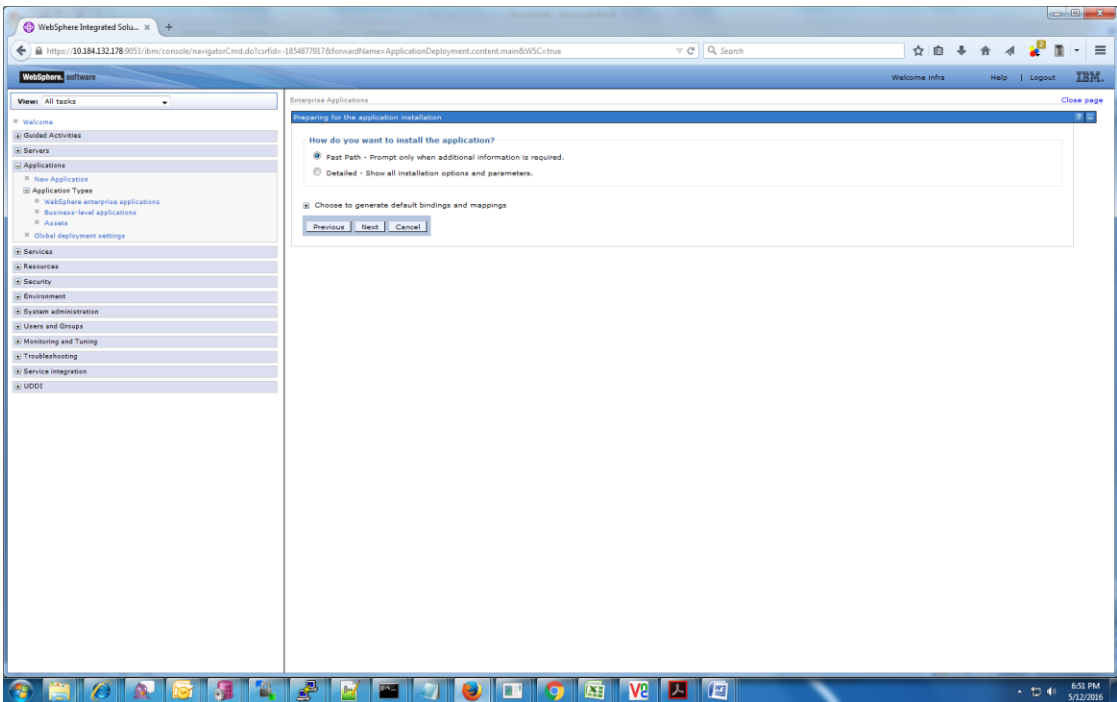
The following screen is displayed.
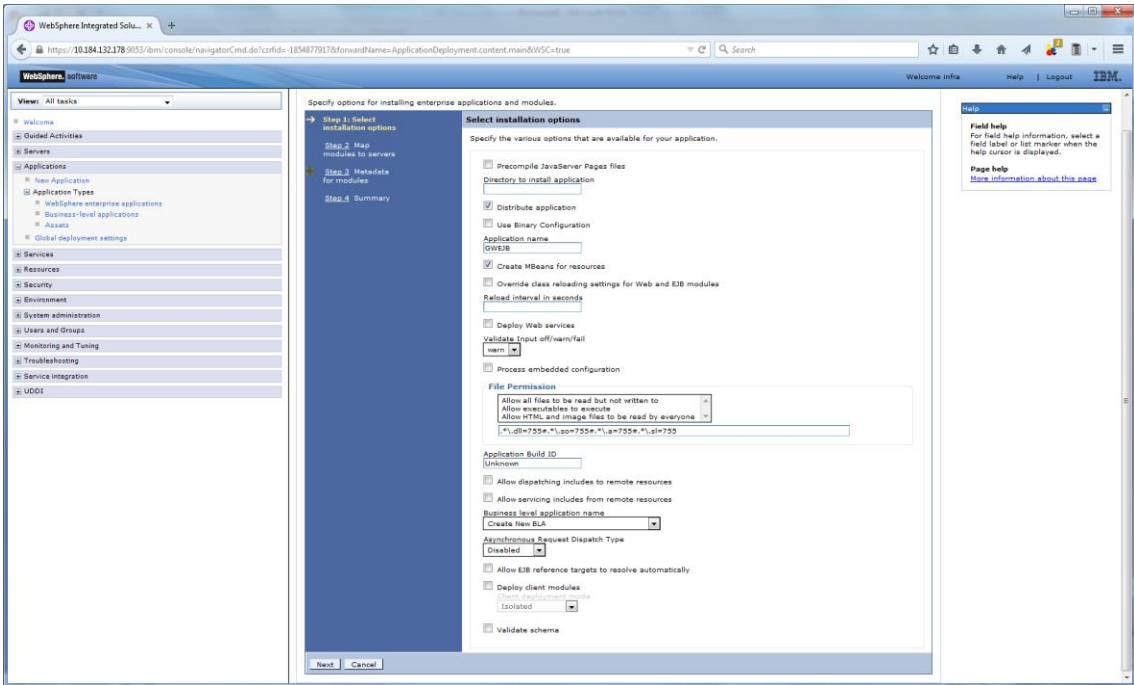

5. Click 'New Enterprise Application.

6. Browse the application EAR file and click next button
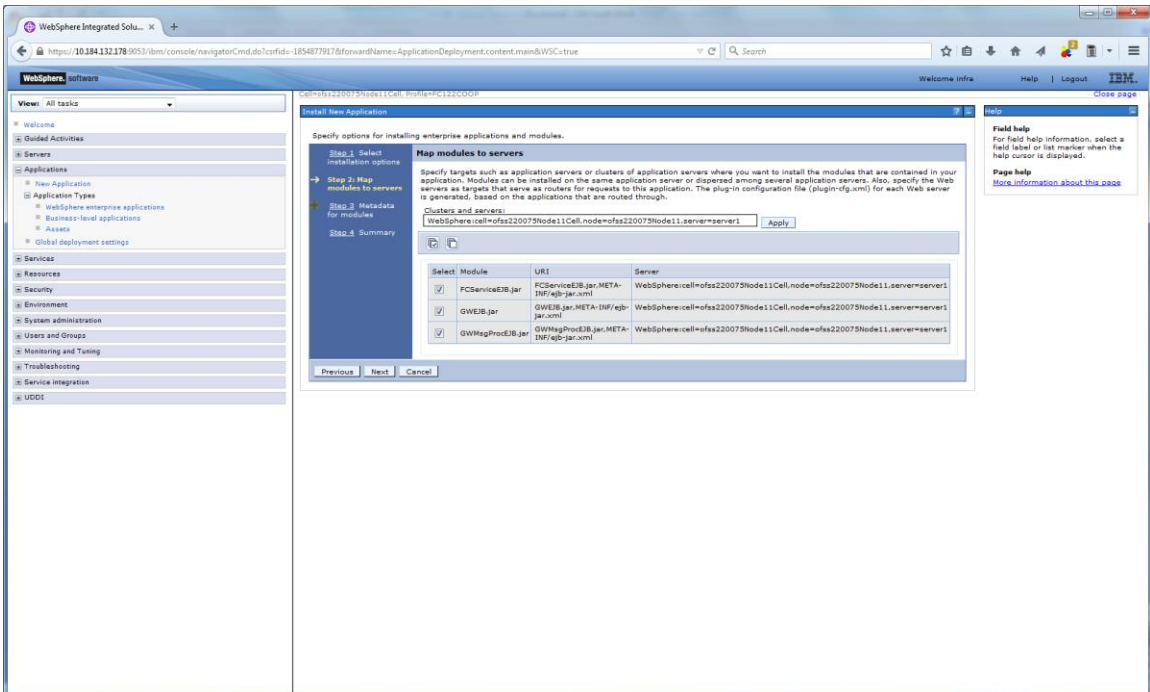
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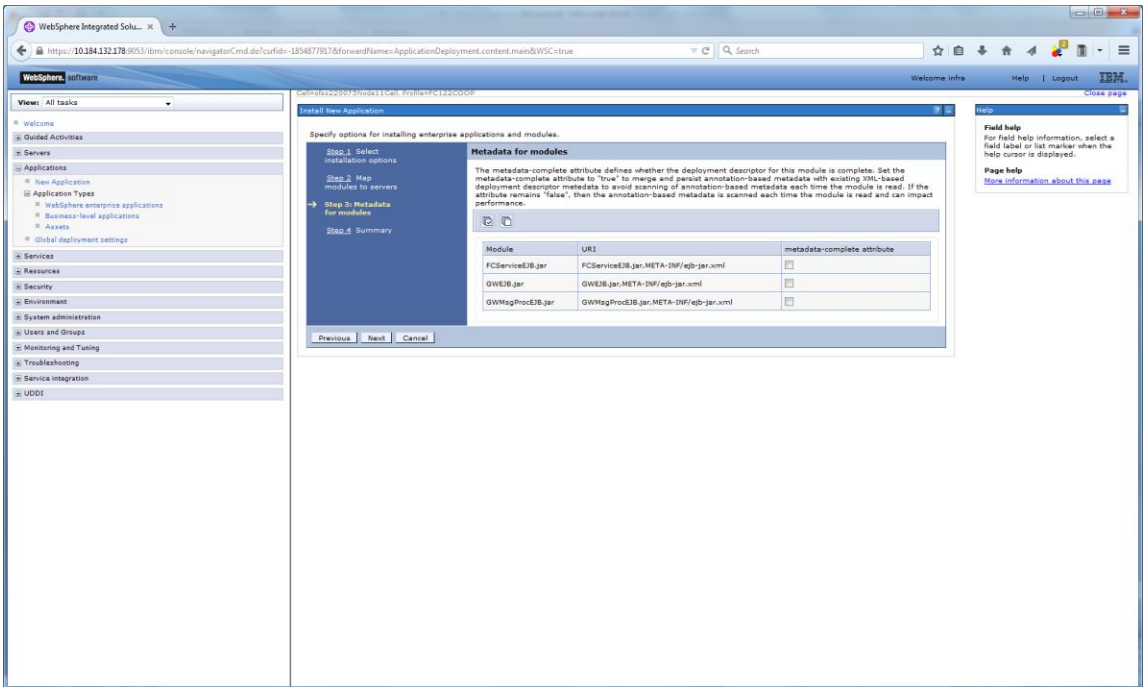7. Click Next and the following screen is displayed.

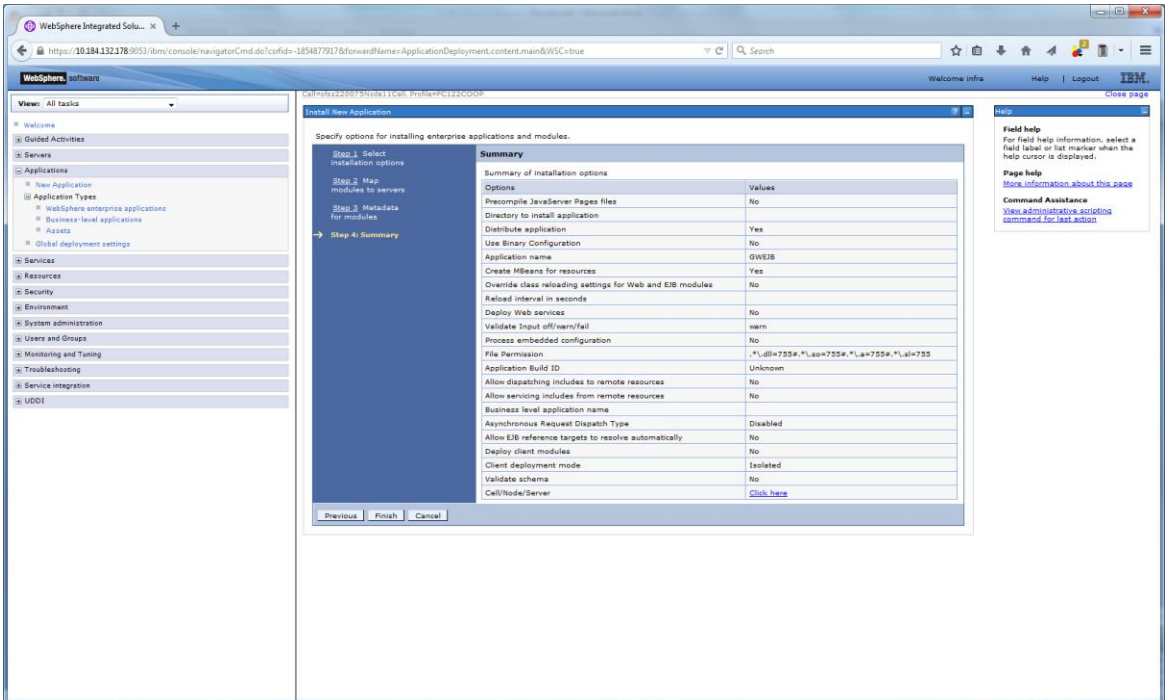8. Click next and the following screen is displayed.

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9. Click next and the following screen is displayed.
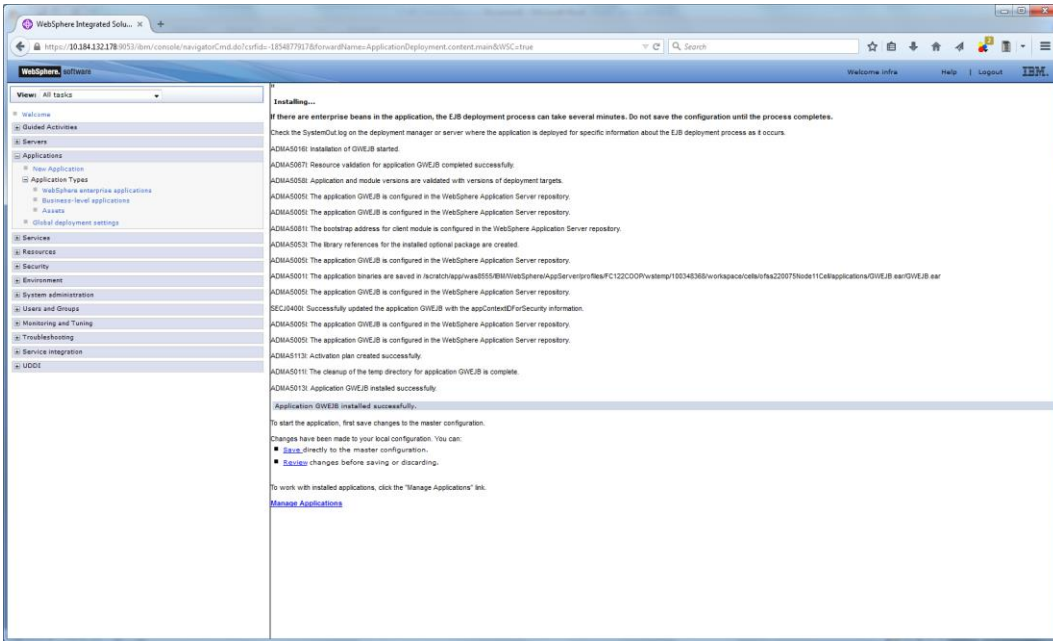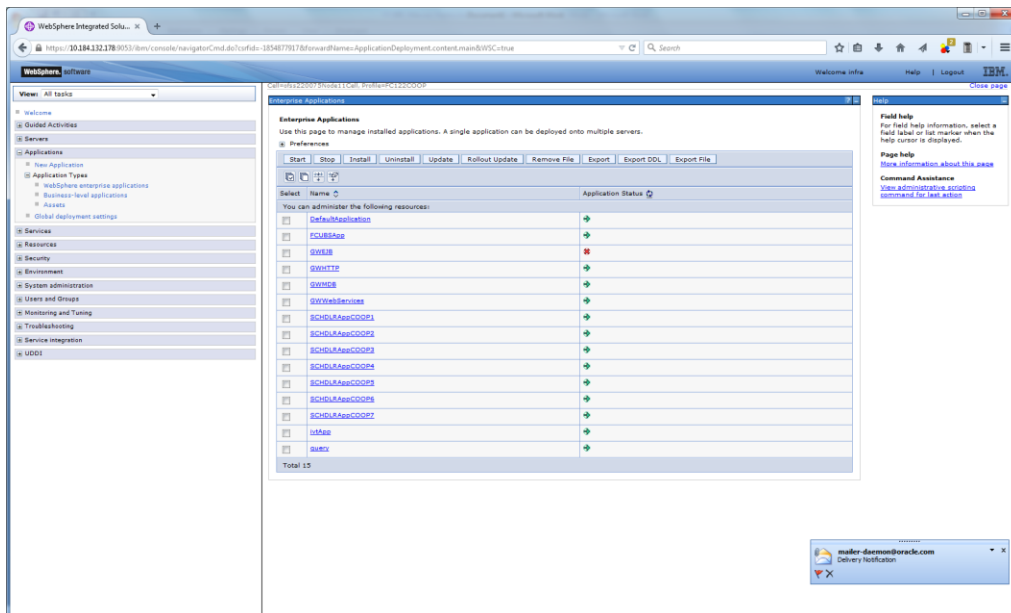

10. click next and the following Screen is displayed.

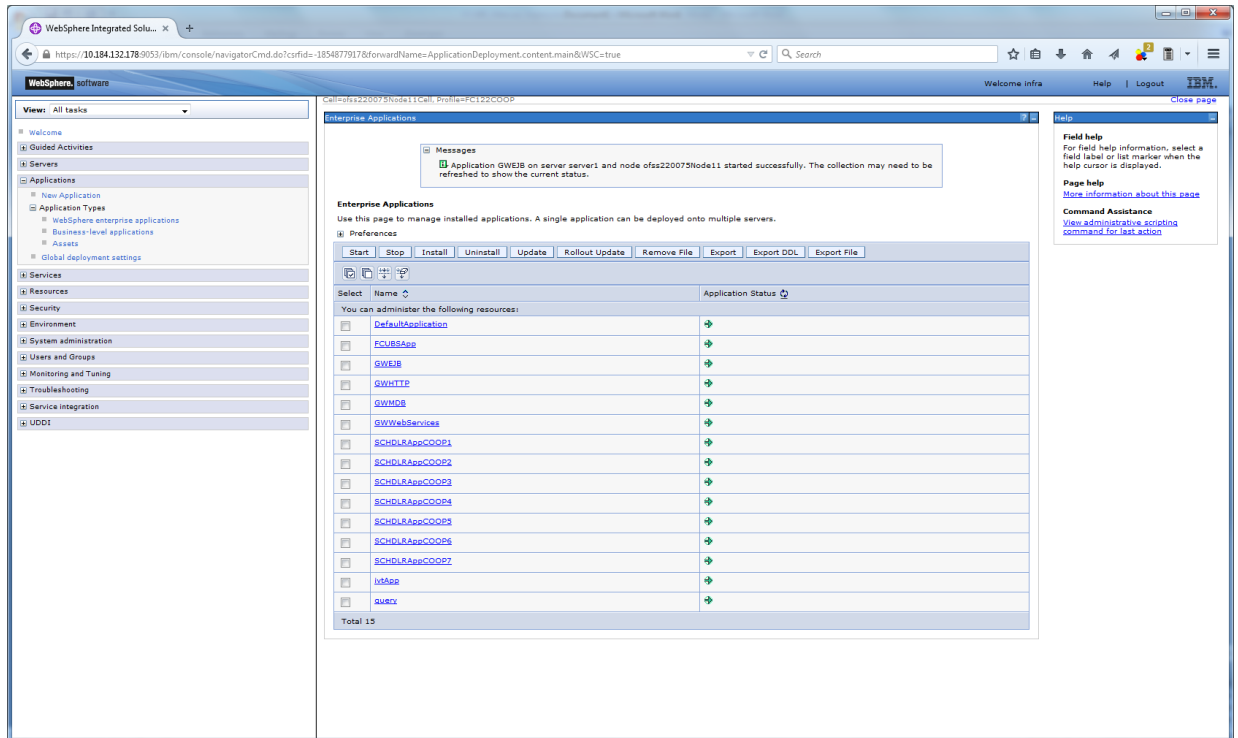ORACLE®

11. Click next and the following screen is displayed.
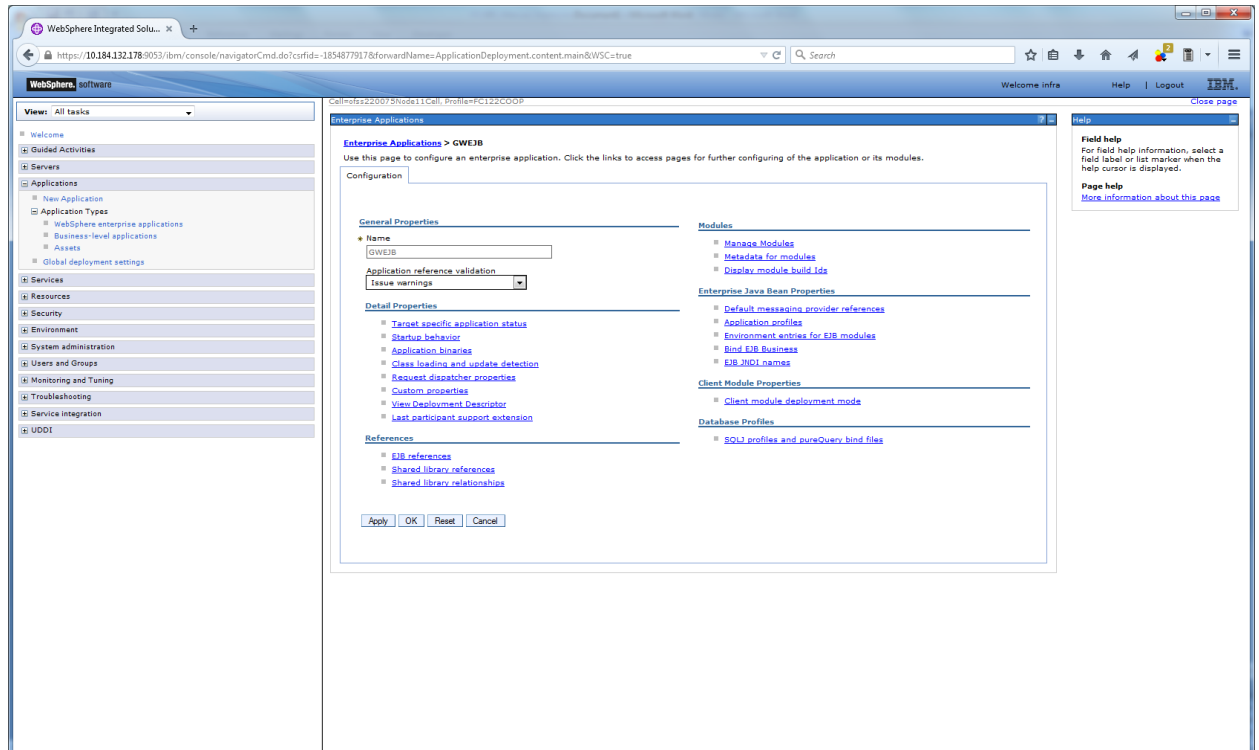

12. Click on finish and the following screen is displayed.

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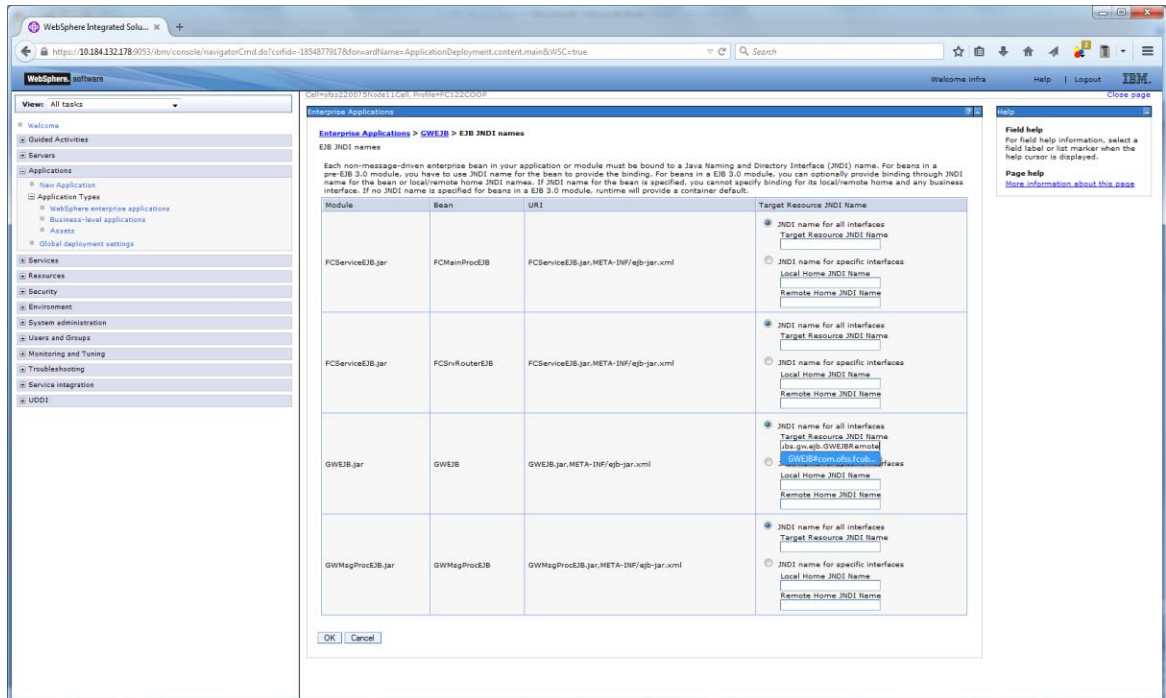13. Click on save and the following screen is displayed.

15. Select the deployed application and click on start

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16. Click on the application and the following screen is displayed.
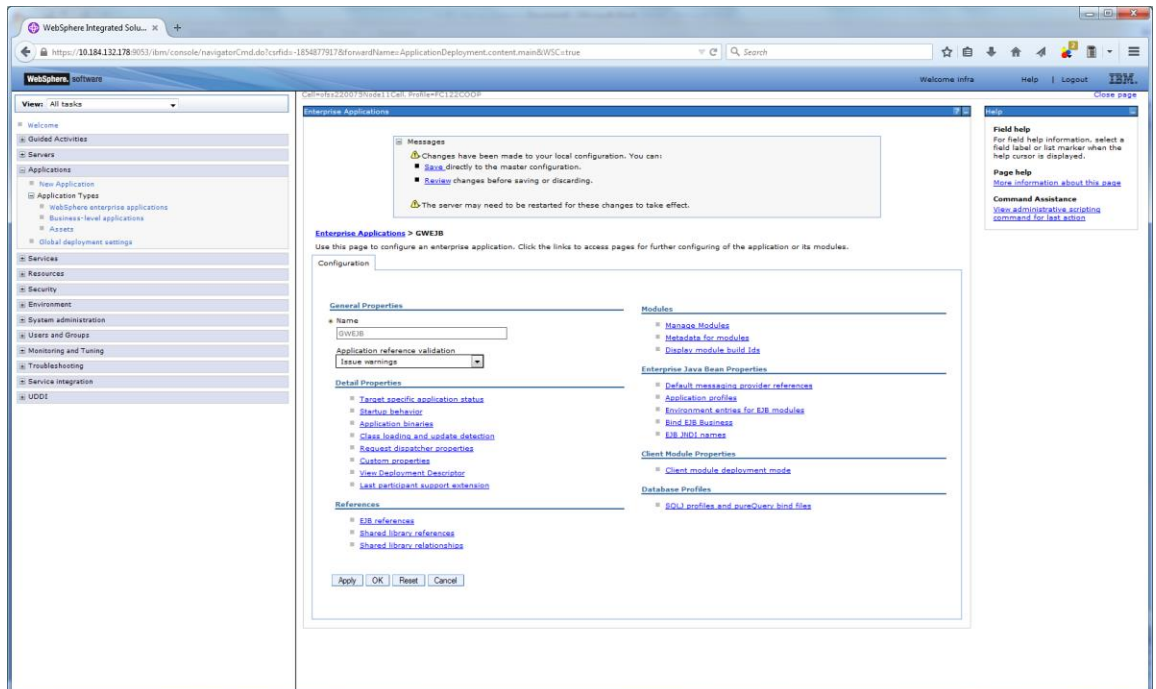

17. Click on EJB JNDI names and the following screen is displayed.

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Provide the JNDI Name for GWEJB.jar as "GWEJB#com.ofss.fcubs.gw.ejb.GWEJBRemote"

18. Click on OK, and the following screen is displayed.

19. Click on save and the deployment is finished.

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1.2.6 FCUBS GWMDB Application Deployment

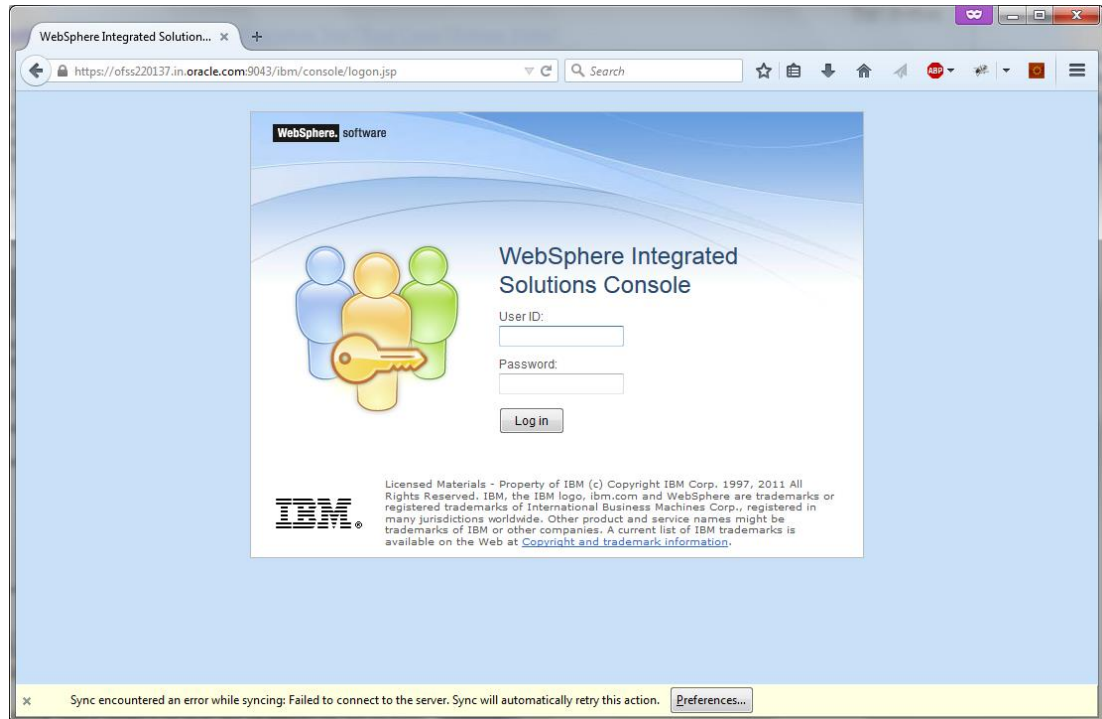To deploy Oracle FLEXCUBE UBS application on WebSphere application server, follow the steps given below:

1. Open the Administrative Console of WebSphere server:

    Open an internet browser and type the WebSphere Admin Console URL http://{Host}:{Port}/console.
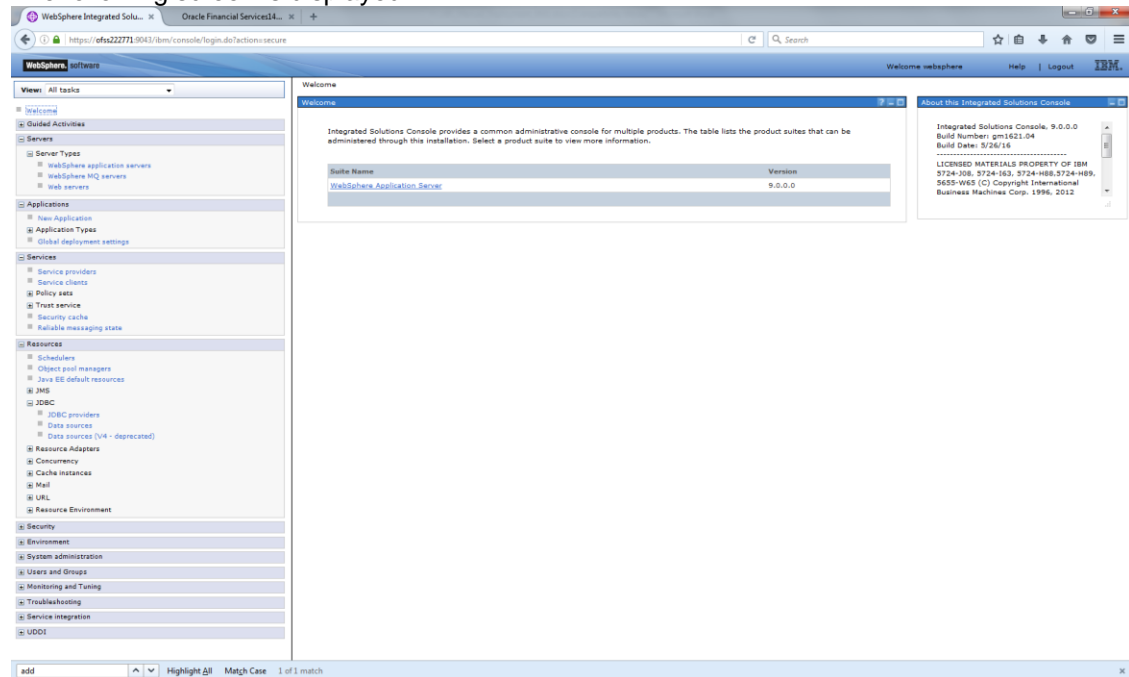
    Eg: https://10.10.10.10:1010/console

    In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running.
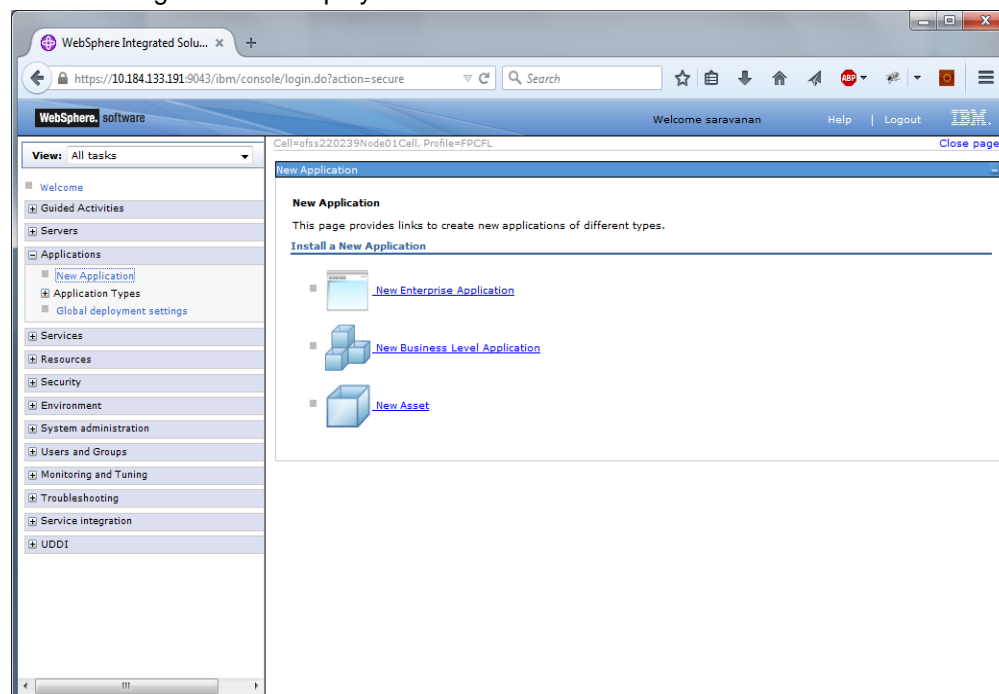
    The following screen is displayed:

2. Enter the user name and password and click 'Log In' to log in to the application server.

3. Navigate to the WebSphere Home Page.
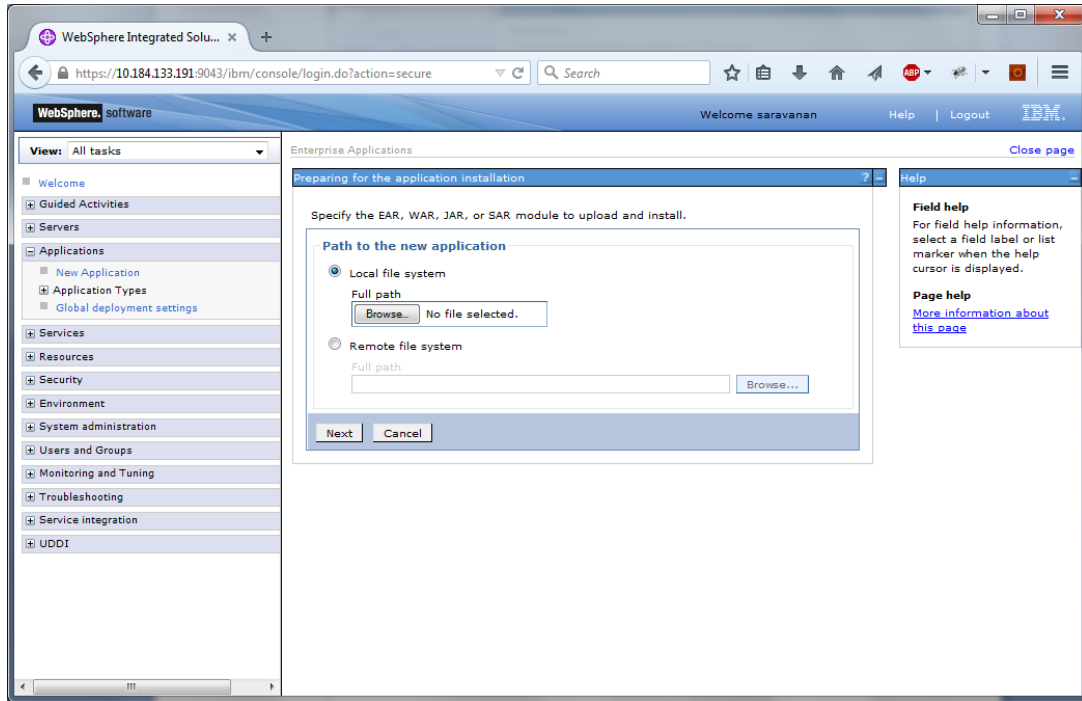
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The following screen is displayed.

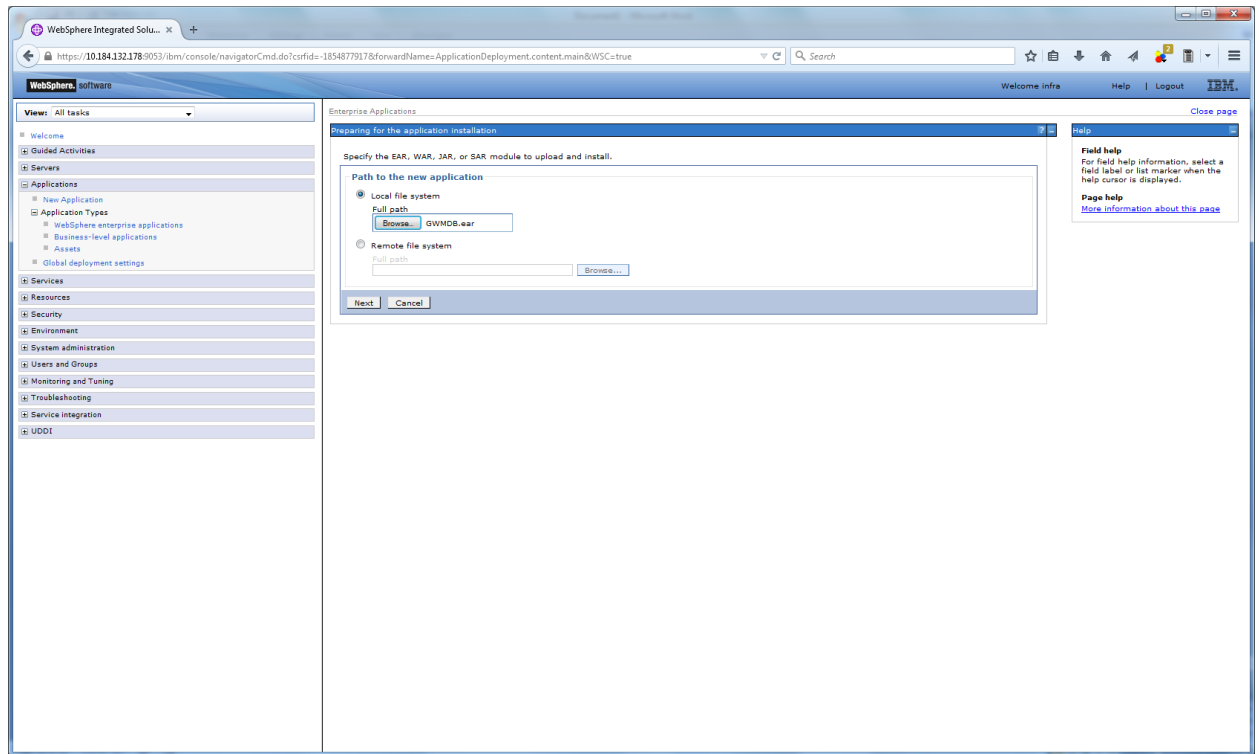4. Expand Applications from left-side menu and Click 'New Application'.
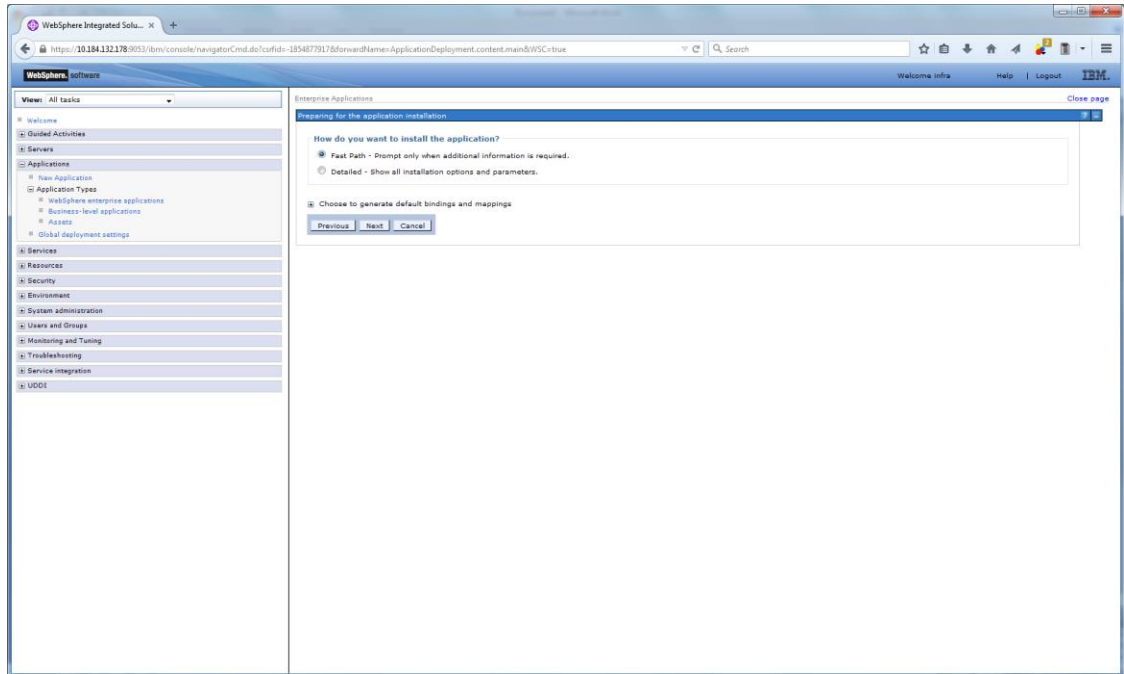
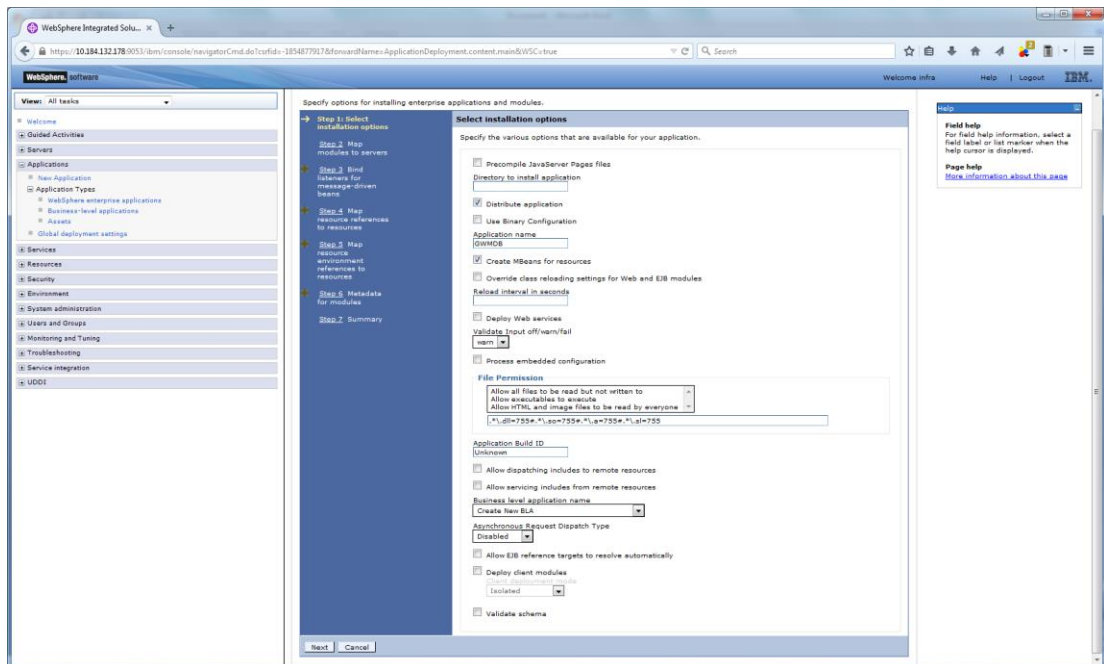The following screen is displayed.

5. Click 'New Enterprise Application.

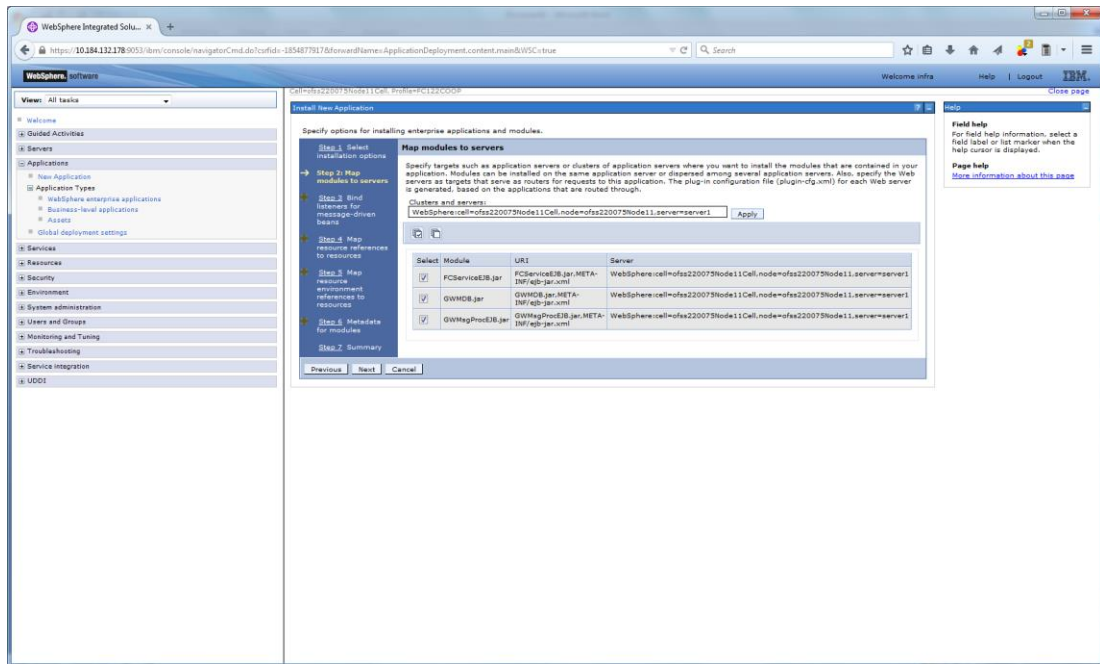6. Click on Browse and select the MDB EAR and the following screen is displayed
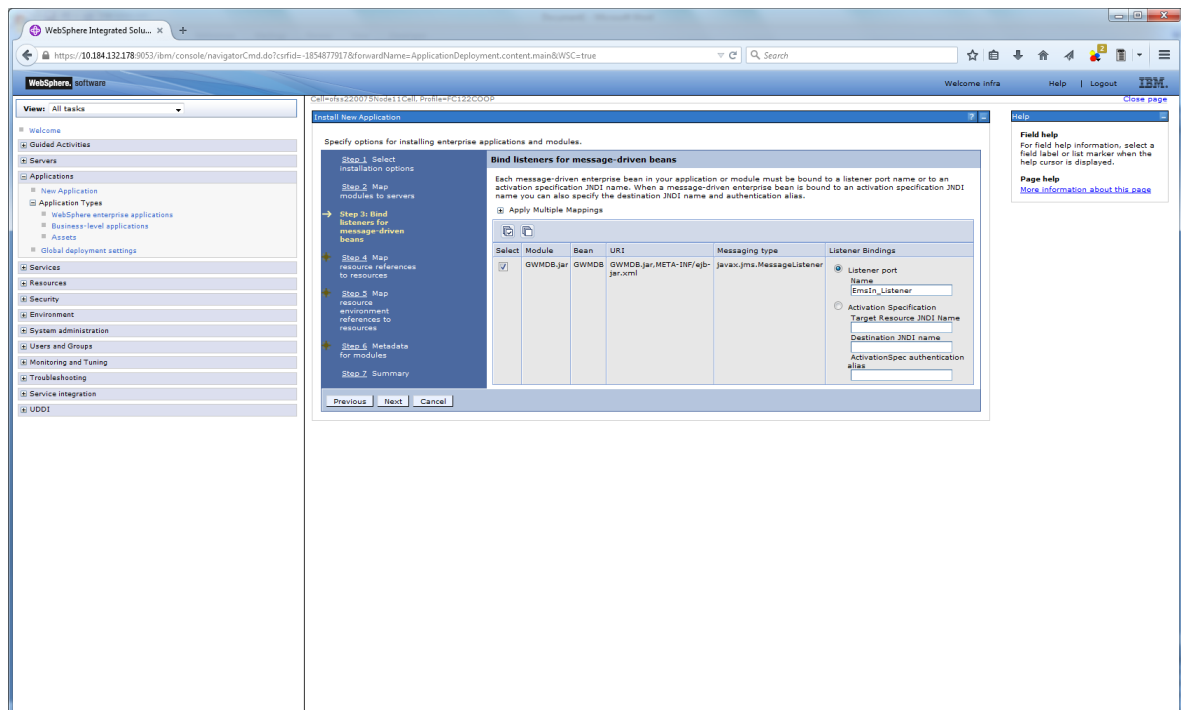

7. Click on next and the following screen is displayed.

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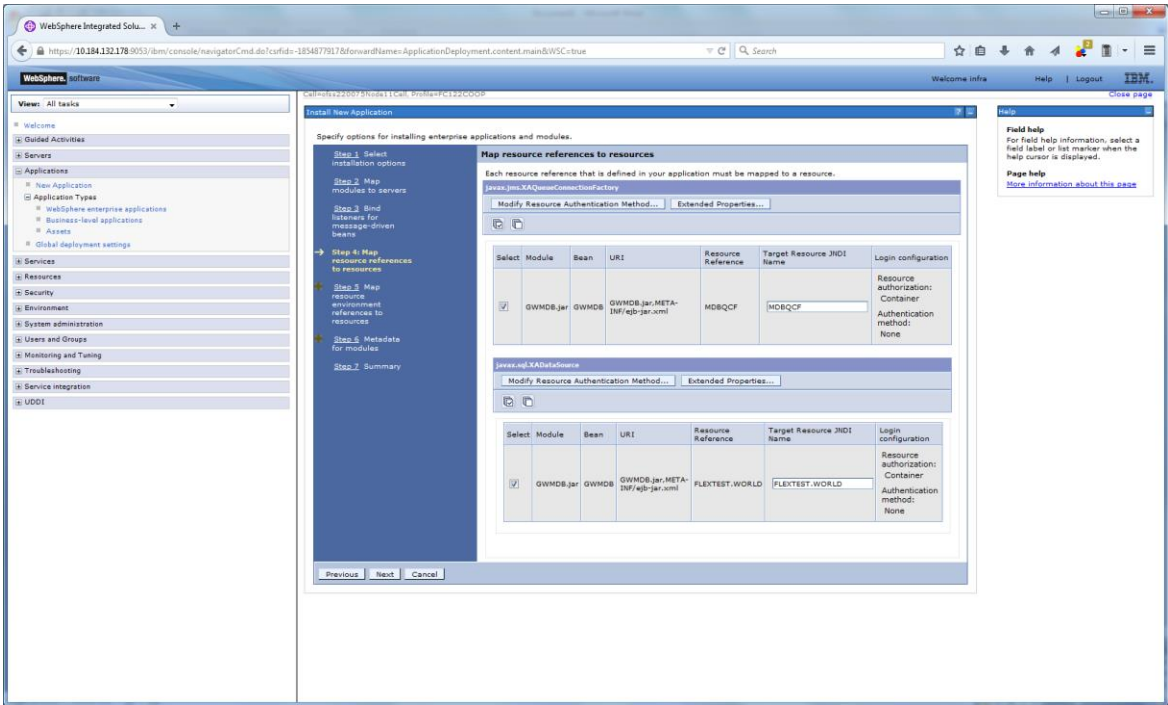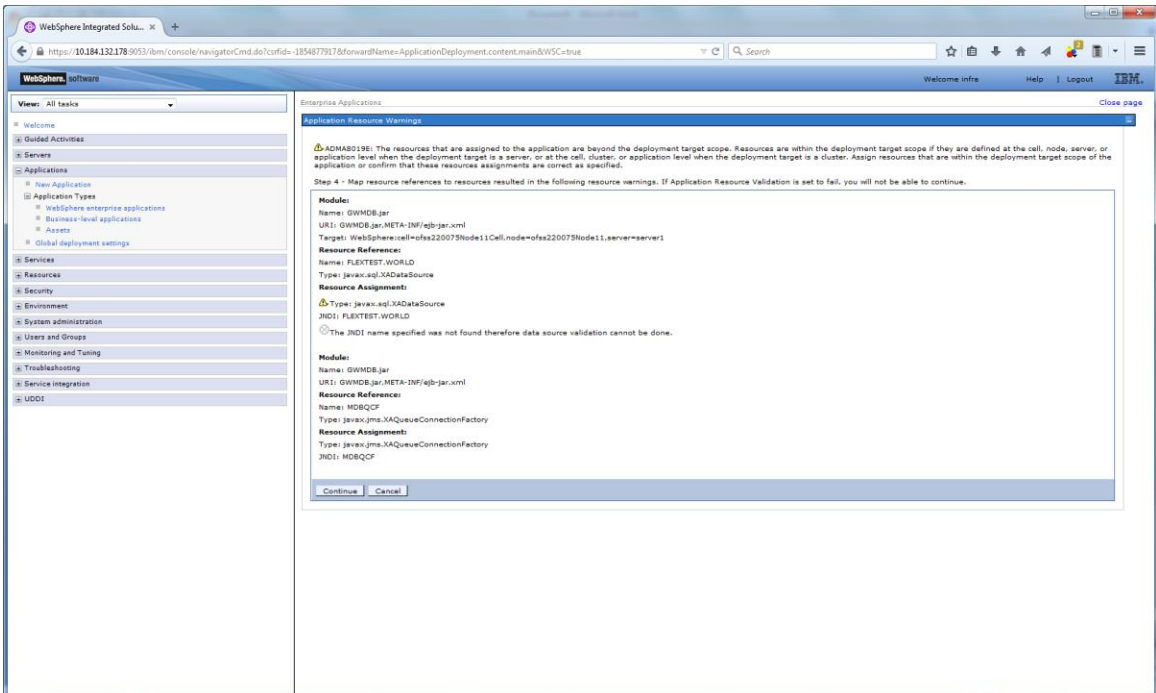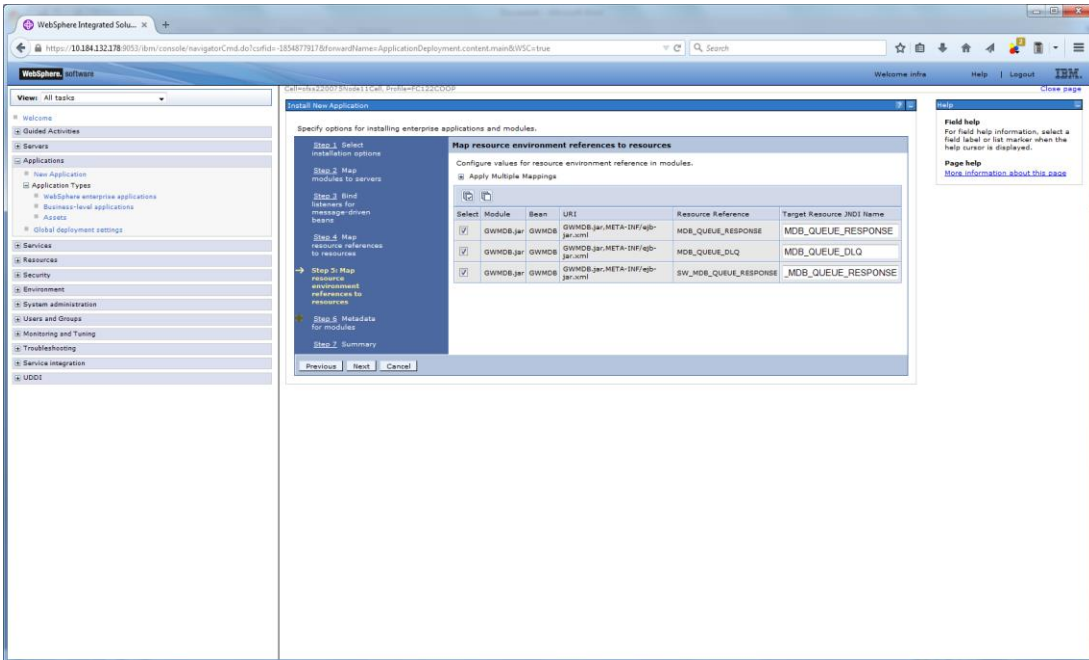8. Click on next and the following screen is displayed.

9. Click on next and the following screen is displayed.

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10. Click on next and the following screen is displayed.

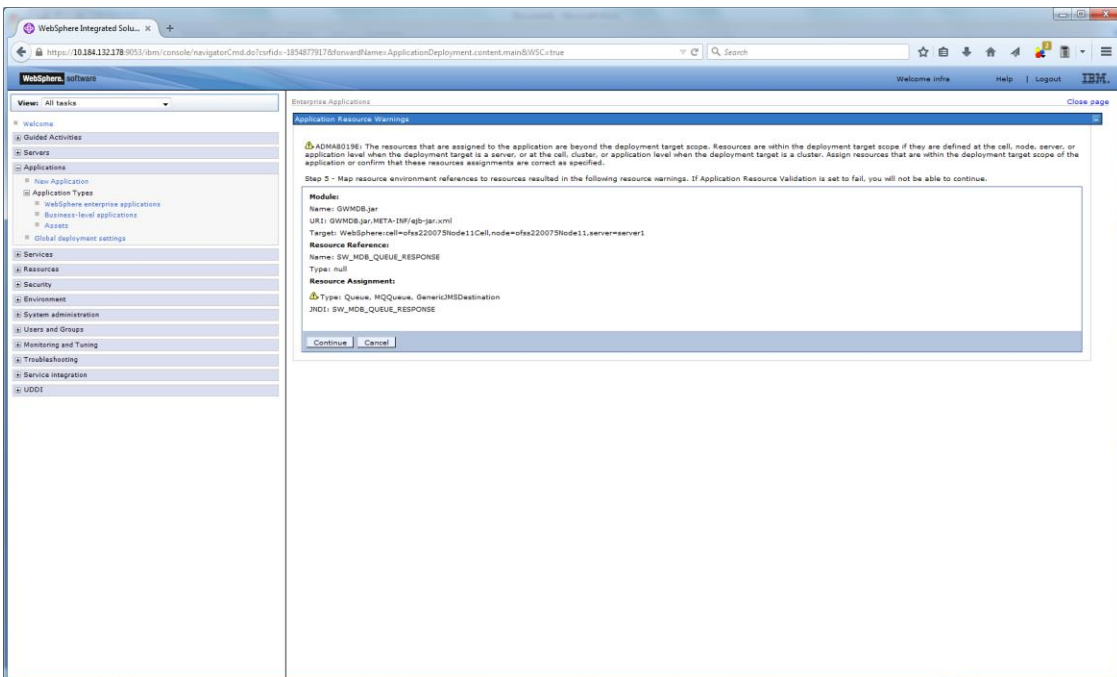11. Input the listner name click next. Following screen is displayed.

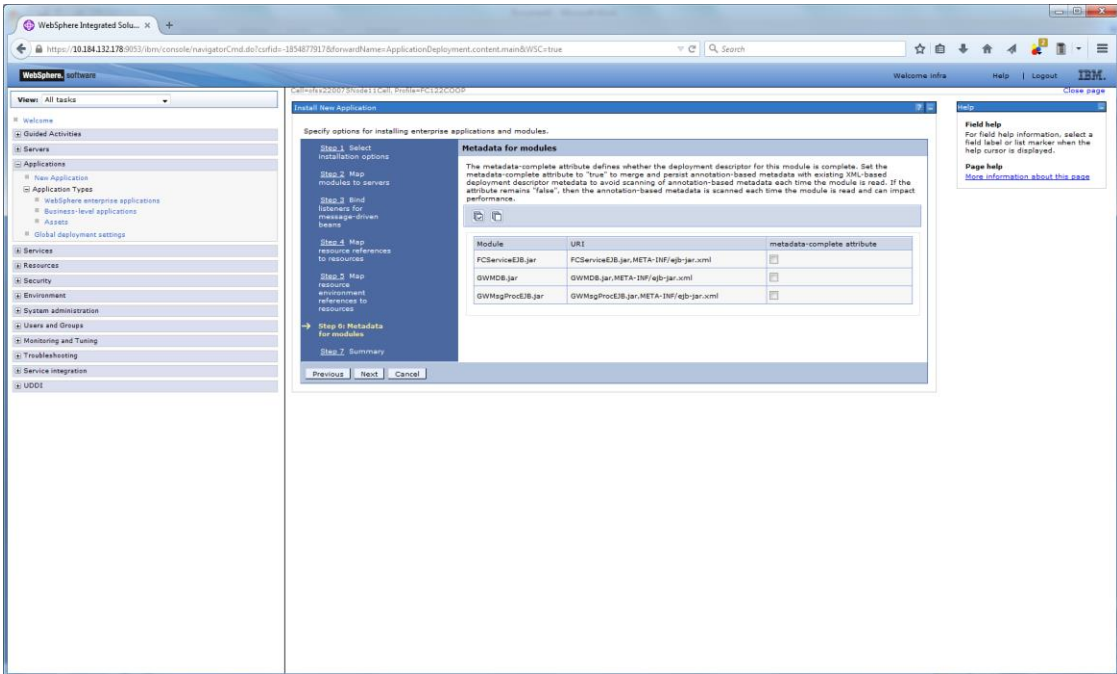ORACLE

12. Enter the details as shown and click next.

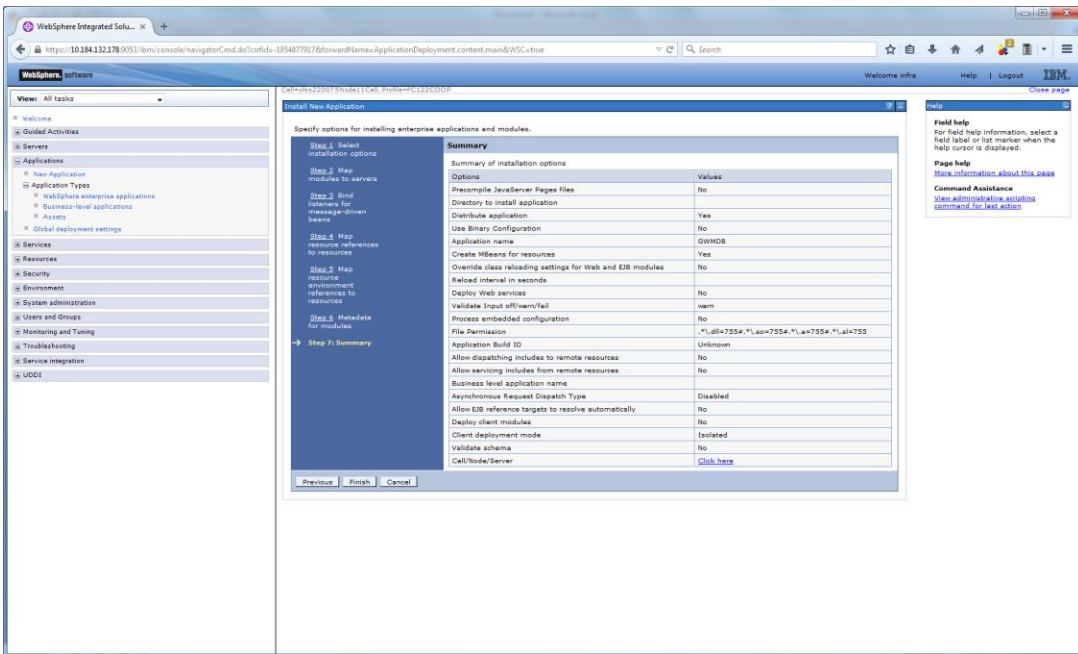13. Click on continue and following screen is displayed.

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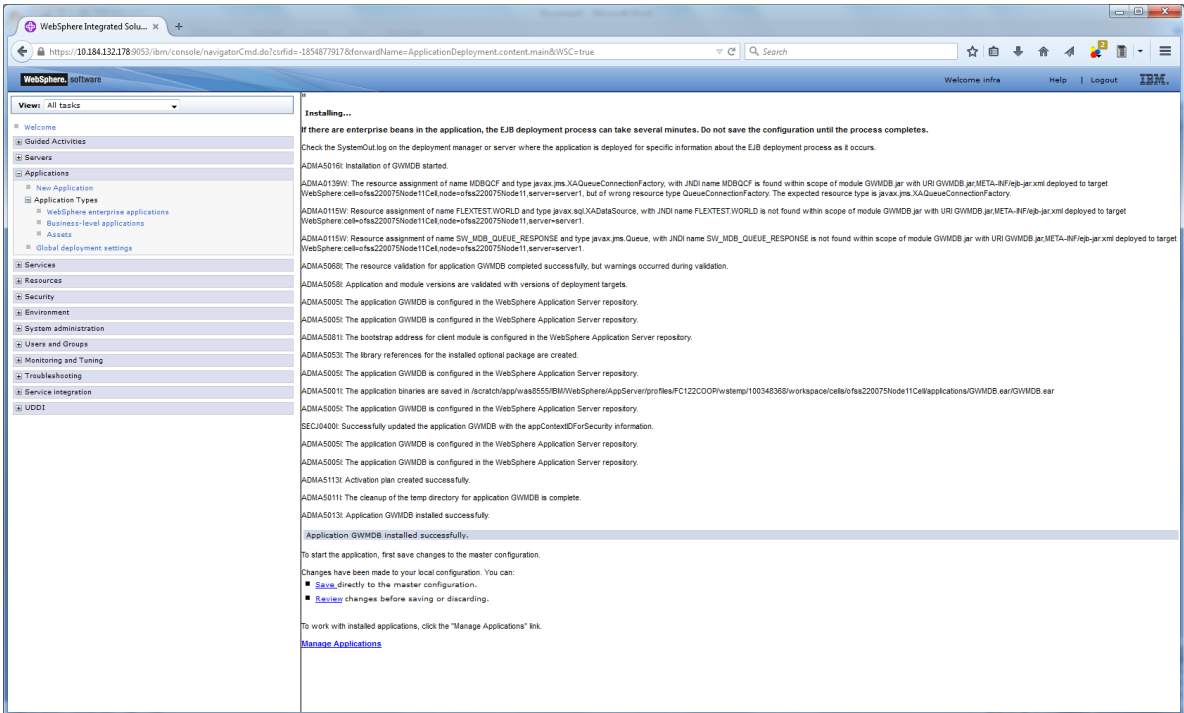
14. Give necessary details as shown and click next.

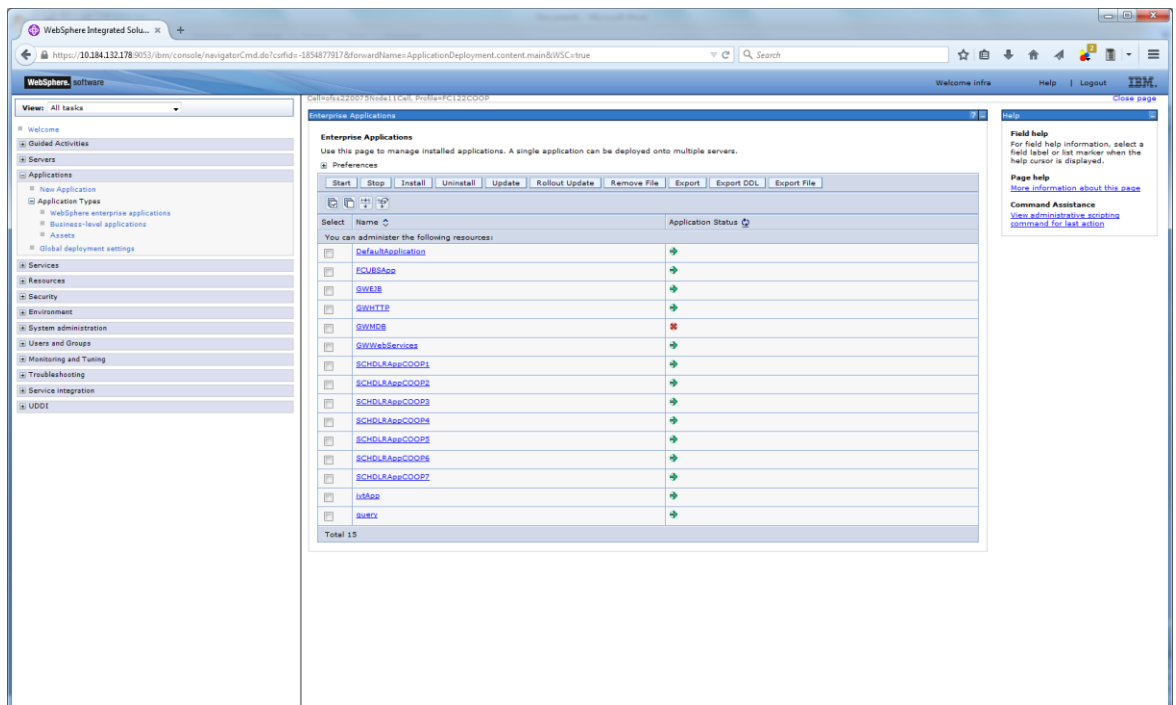15. Click on continue and below screen is displayed.

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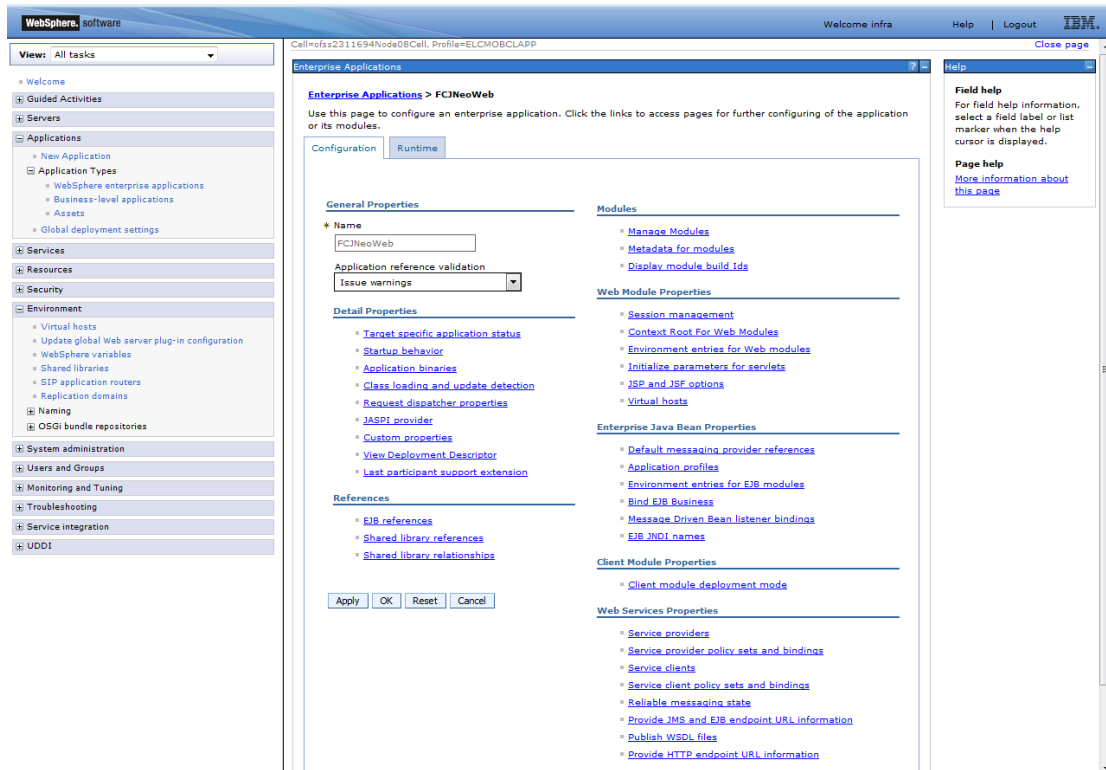16. Click on next and following screen is displayed.

17. Click on Finish and following screen is displayed.

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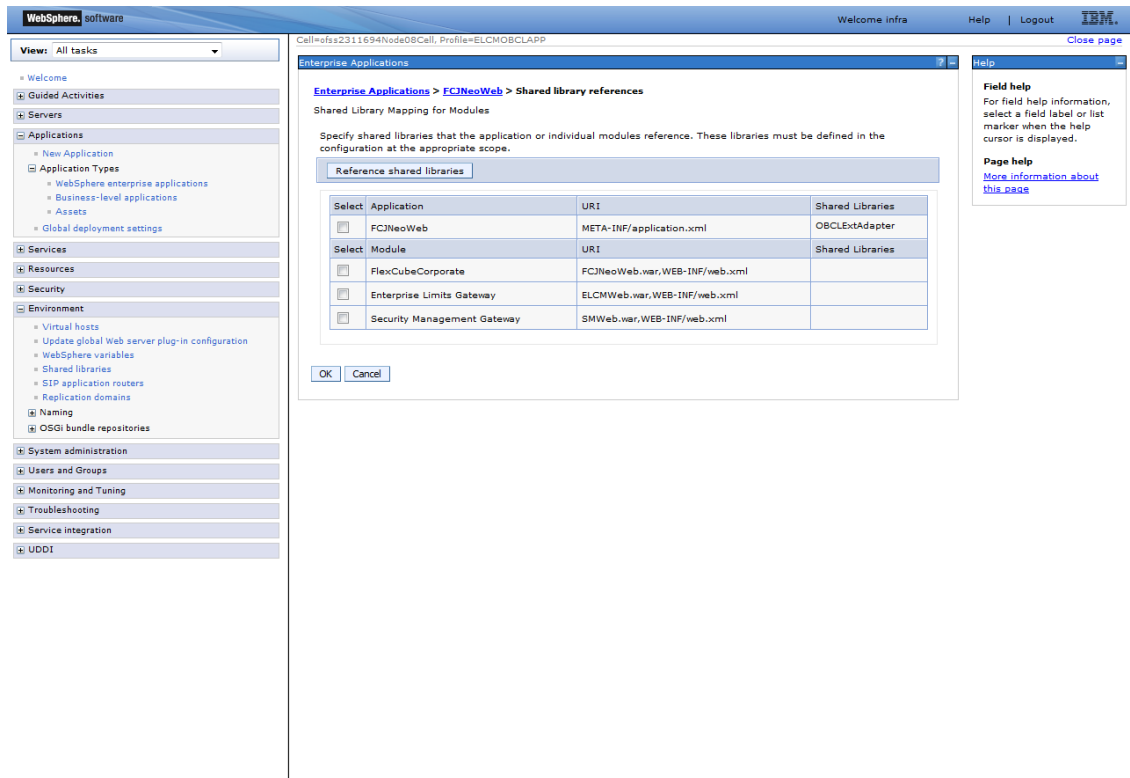
18. Click on save and following screen is displayed.

19. Click on installed FCUBS Application and the following screen is displayed.

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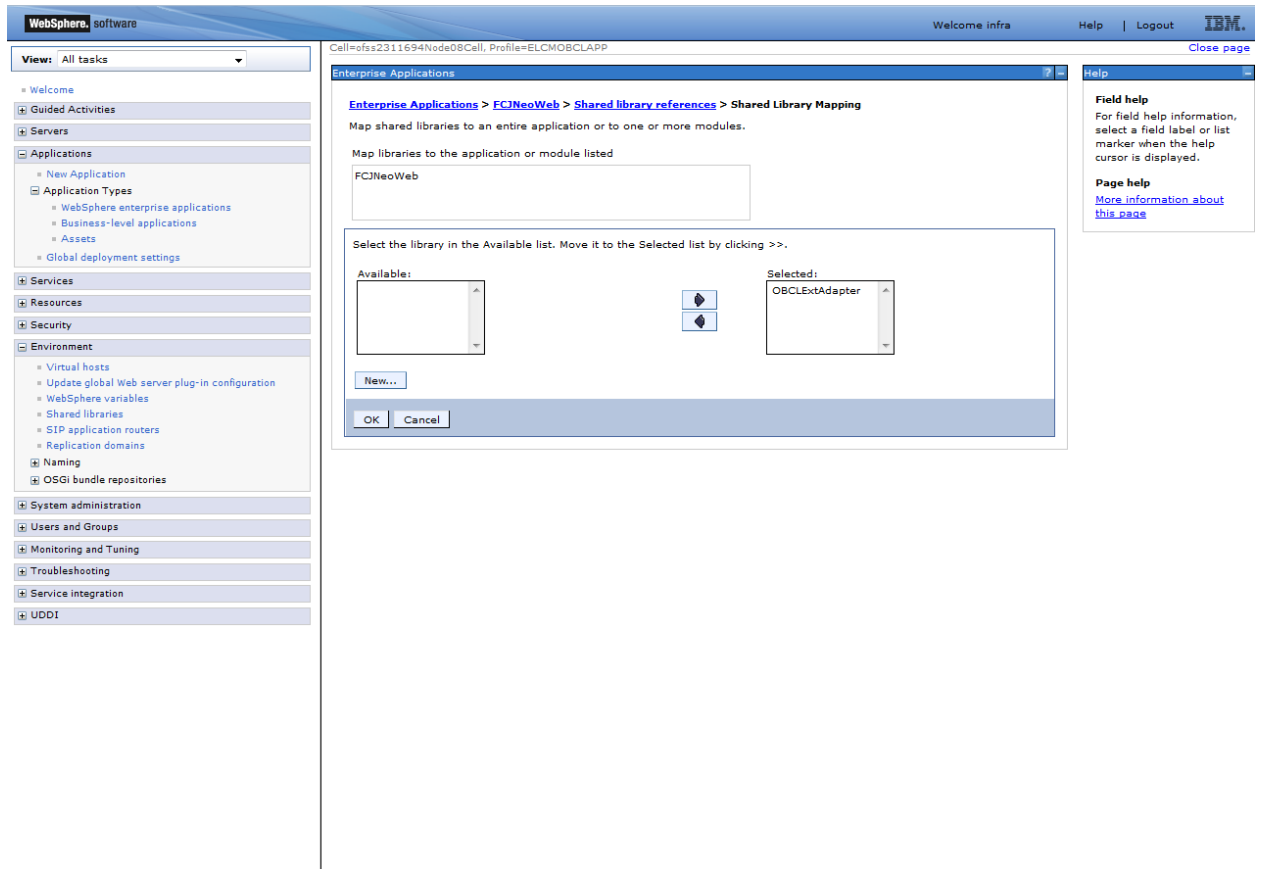20. Click 'Shared library references' under 'References'.

The following screen is displayed.

21. Select your Application and click 'Reference Shared Library'.

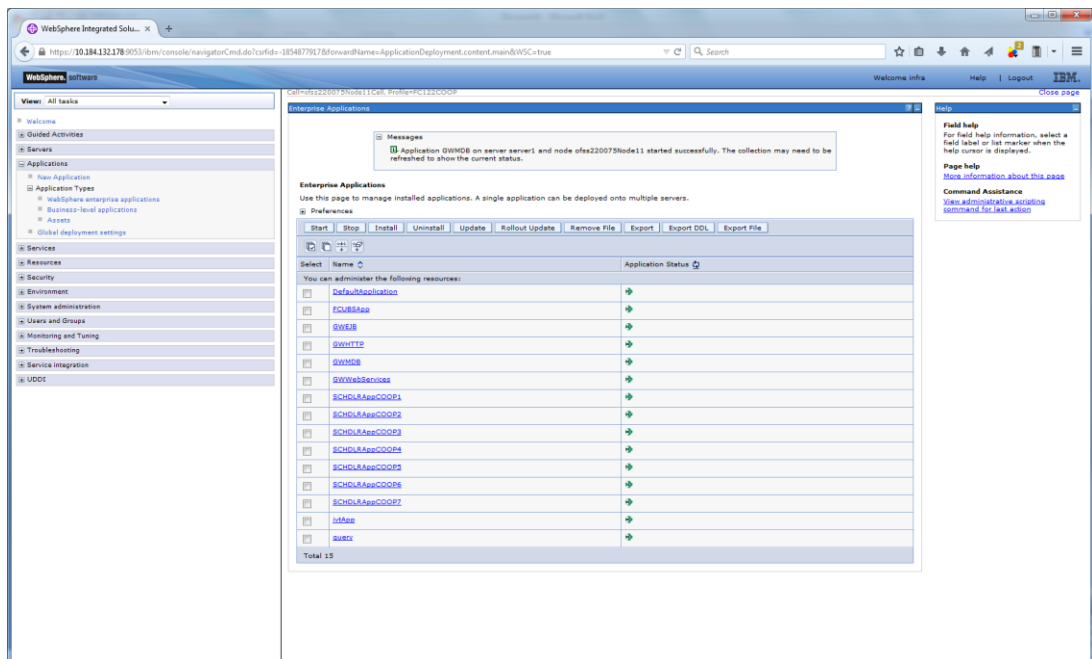ORACLE®

The following screen is displayed.

22. Click on right arrow button to add Available shared library reference.

The following screen is displayed.

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23. .Click 'OK' and 'Save' the changes.

24. Select the deployed EAR and click 'Start'.

MDB EAR deployment is successfully finished.

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1.2.7 FCUBS HTTP Application Deployment

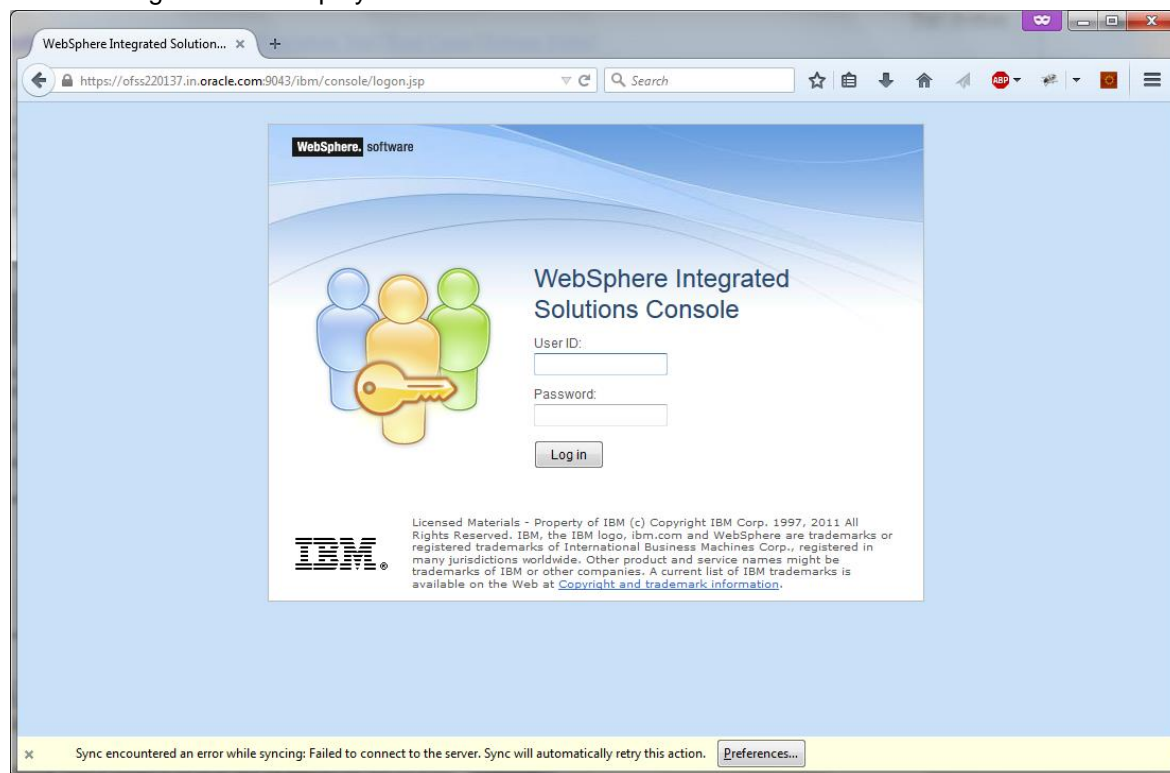To deploy Oracle FLEXCUBE UBS application on WebSphere application server, follow the steps given below:

1. Open the Administrative Console of WebSphere server:

   Open an internet browser and type the WebSphere Admin Console URL http://{Host}:{Port}/console.

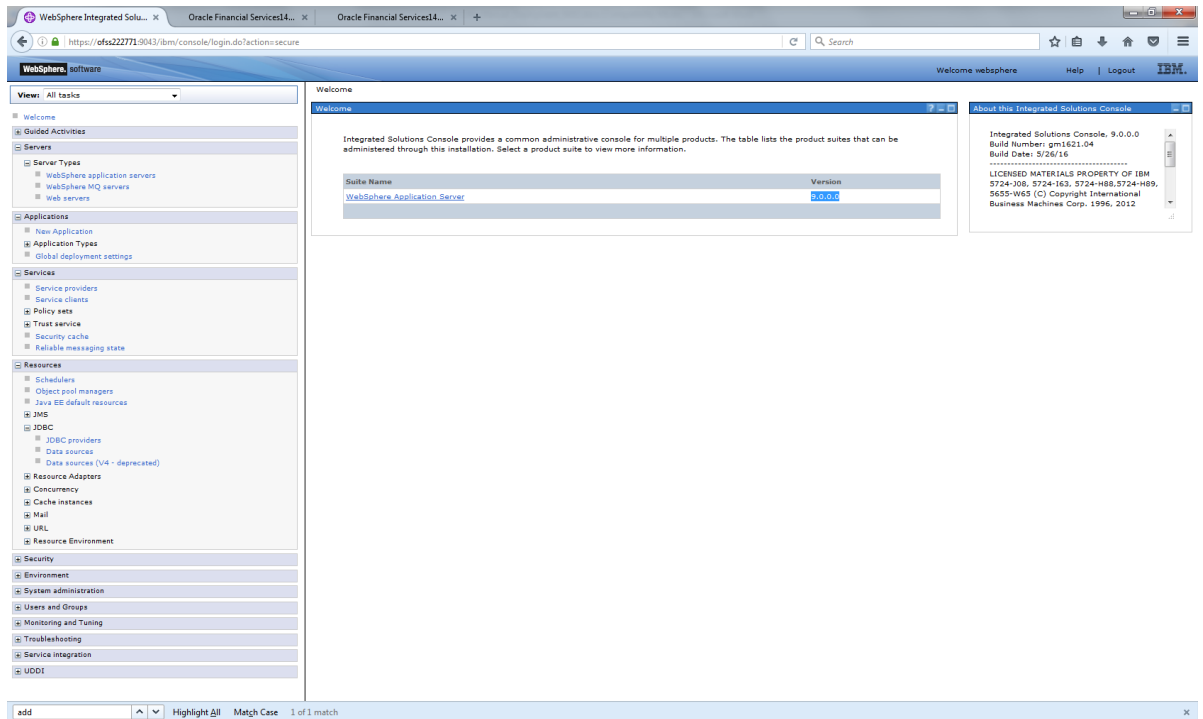   Eg: https://10.10.10.10:1010/console

   In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running.
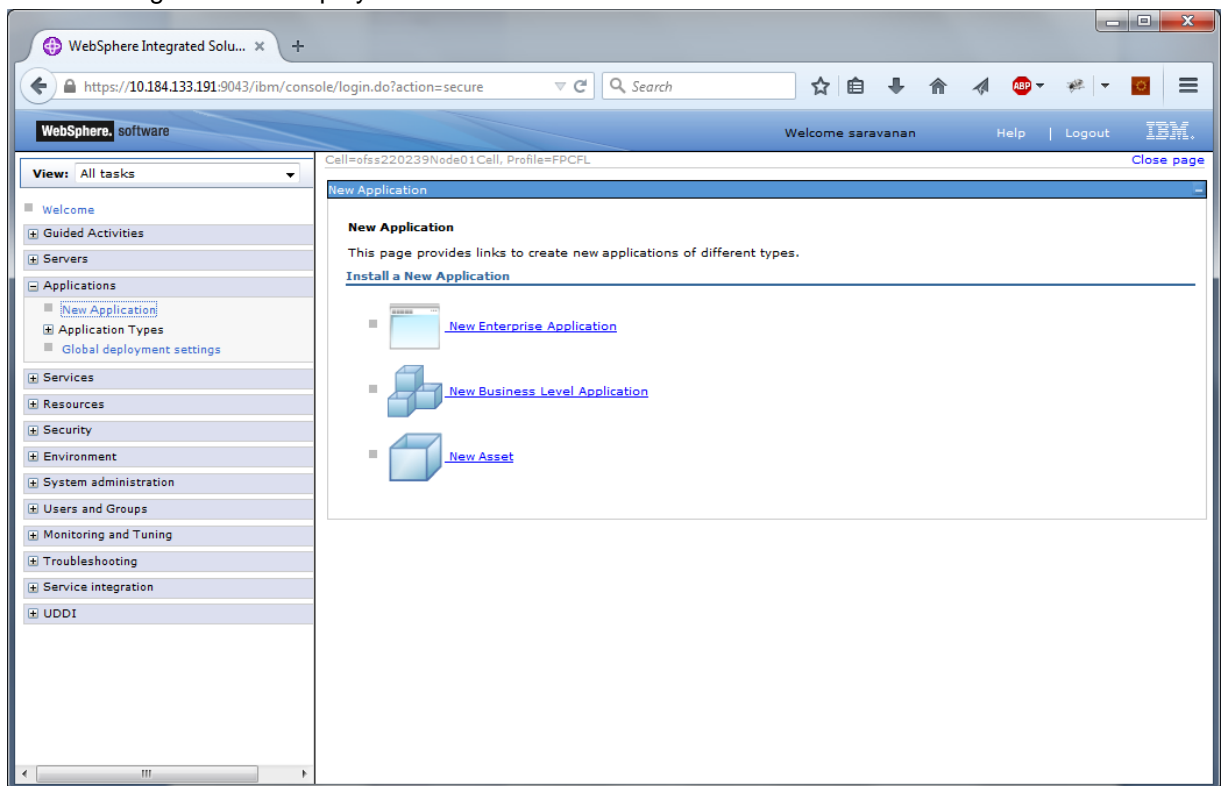
   The following screen is displayed:

2. Enter the user name and password and click 'Log In' to log in to the application server.

3. Navigate to the WebSphere Home Page.

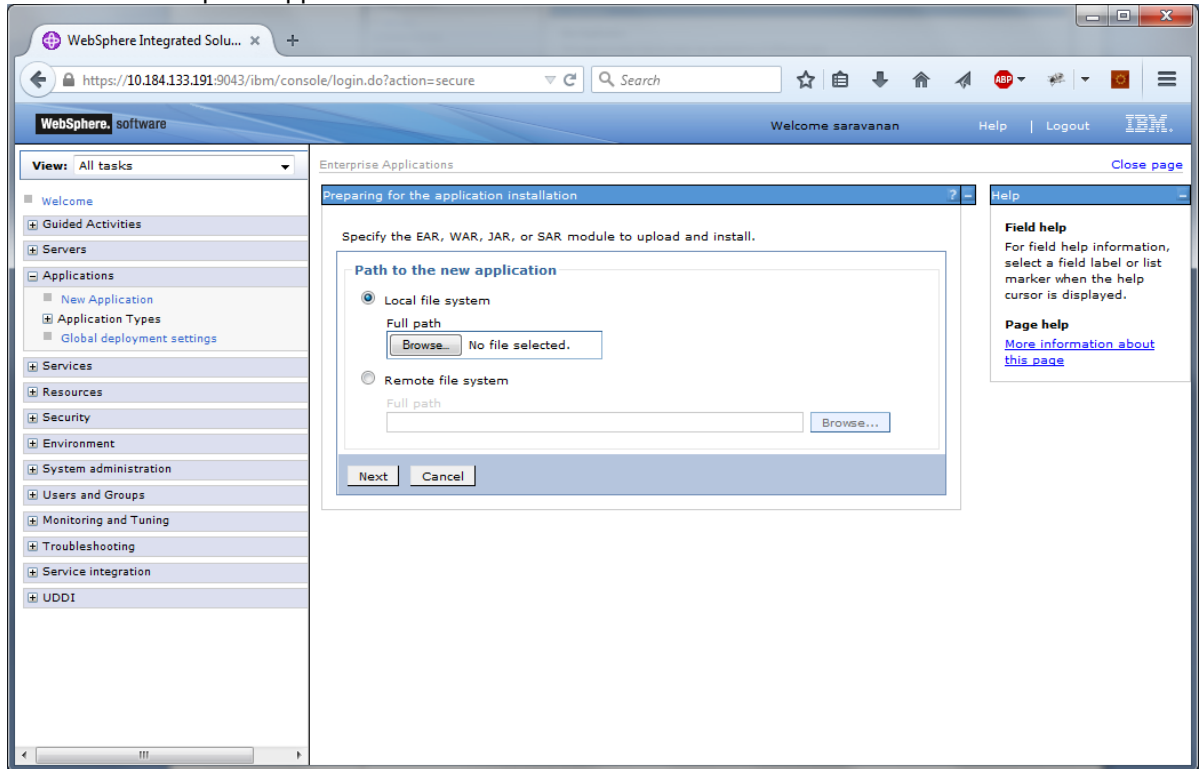   The following screen is displayed.

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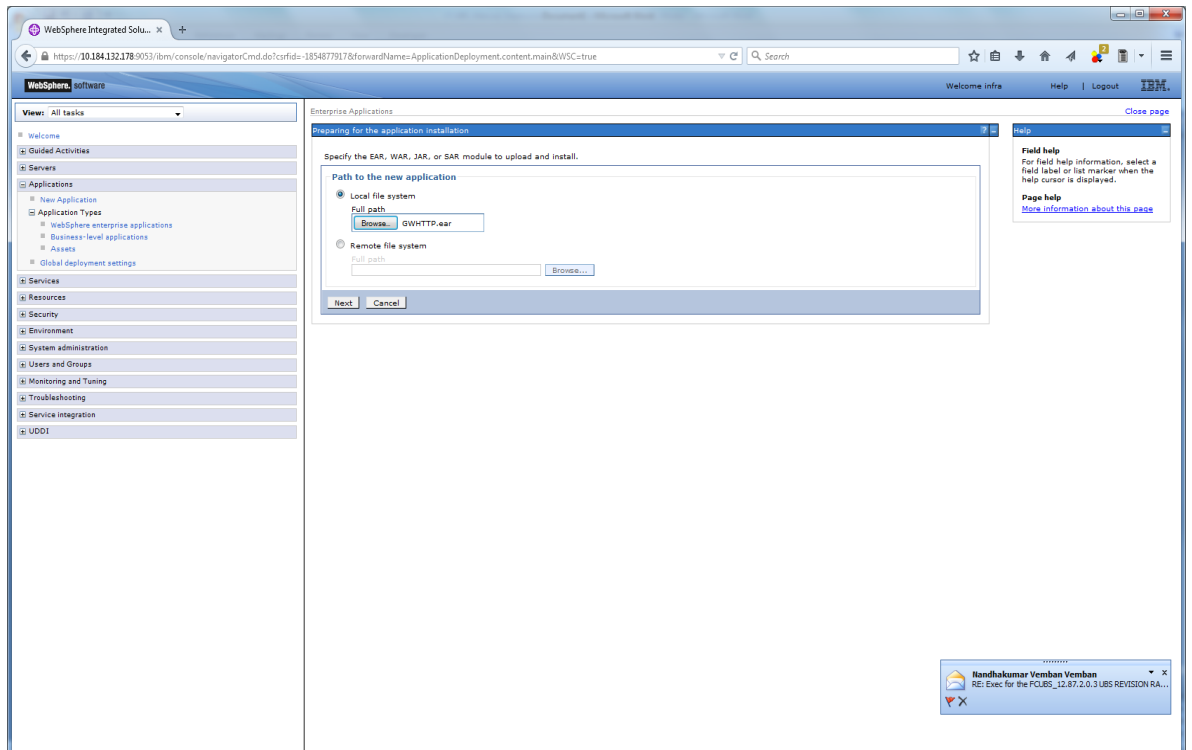4. Expand Applications from left-side menu and Click 'New Application'.
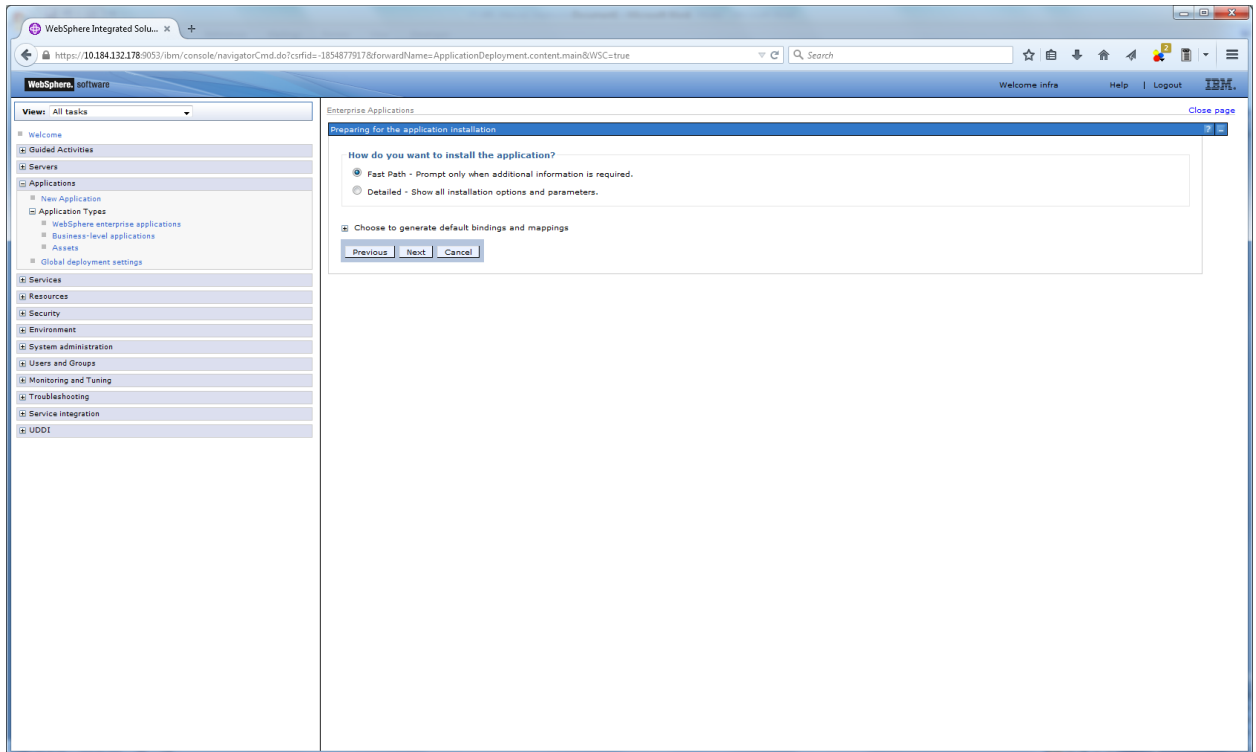
The following screen is displayed.

ORACLE®

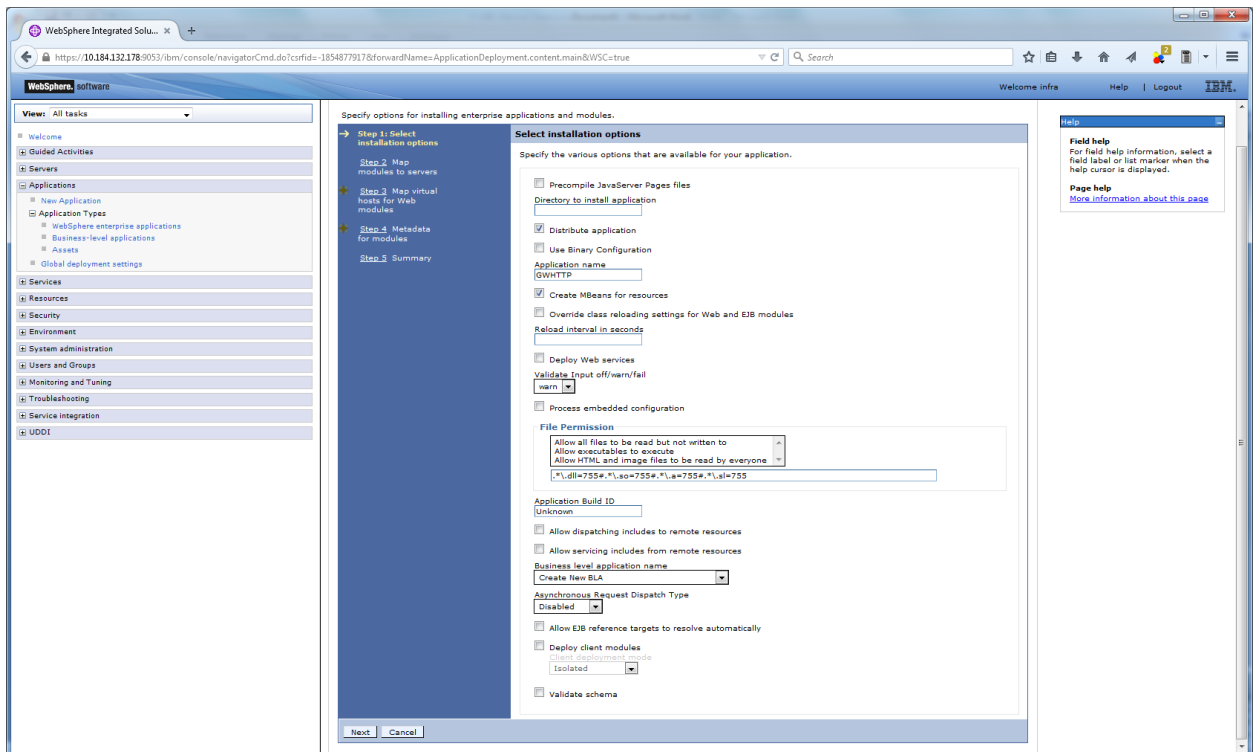5. Click 'New Enterprise Application.

6. Browse the application EAR file and click next button
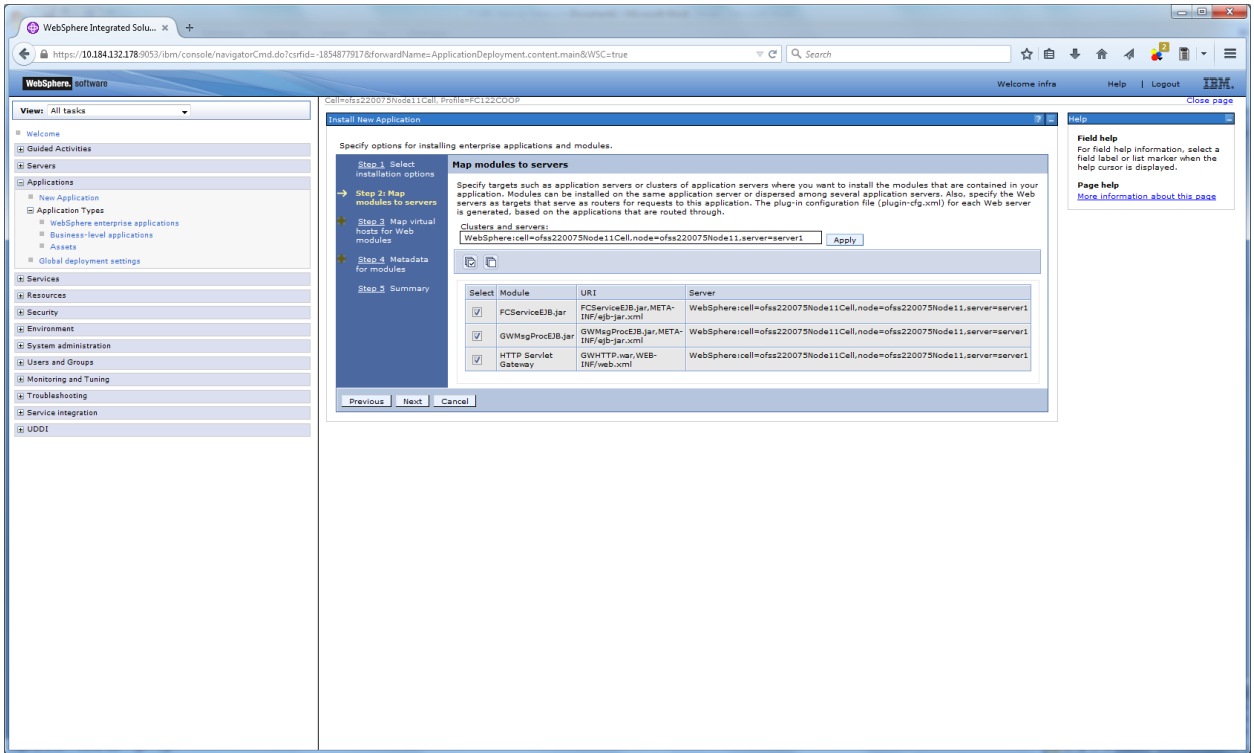
ORACLE®
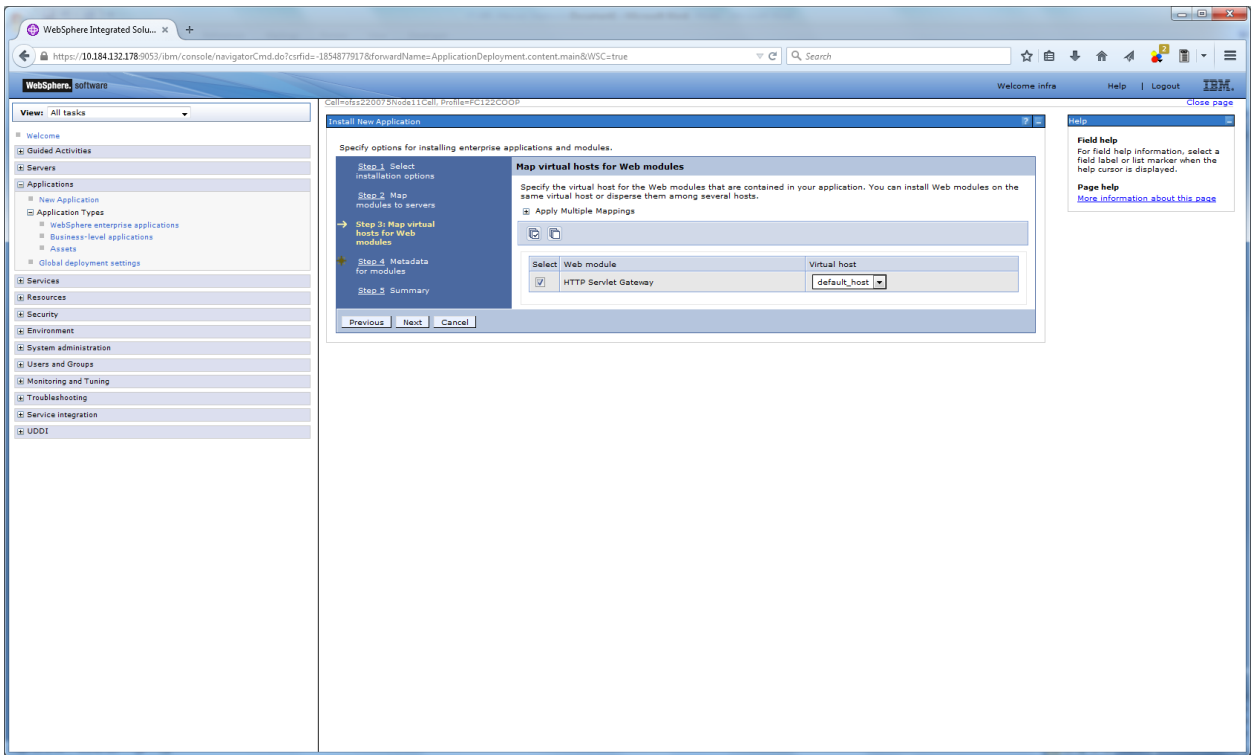
7. Click next and the following screen is displayed.

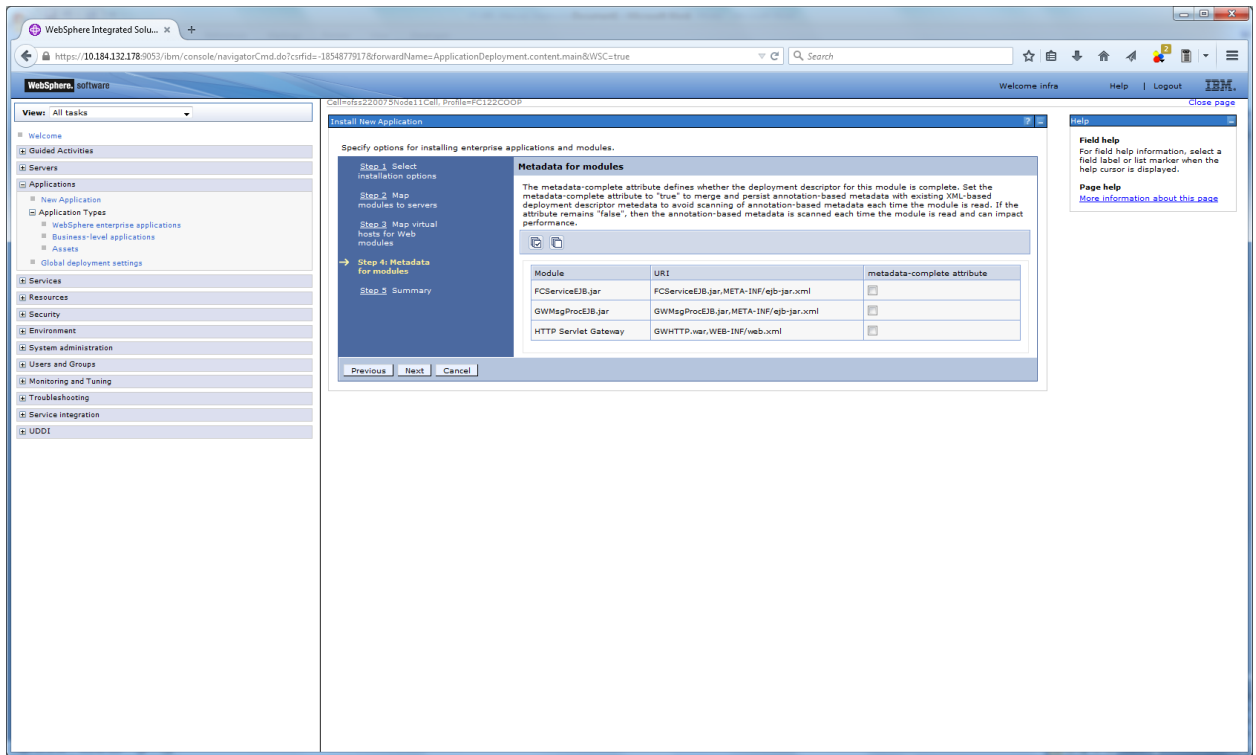8. Click next and the following screen is displayed.

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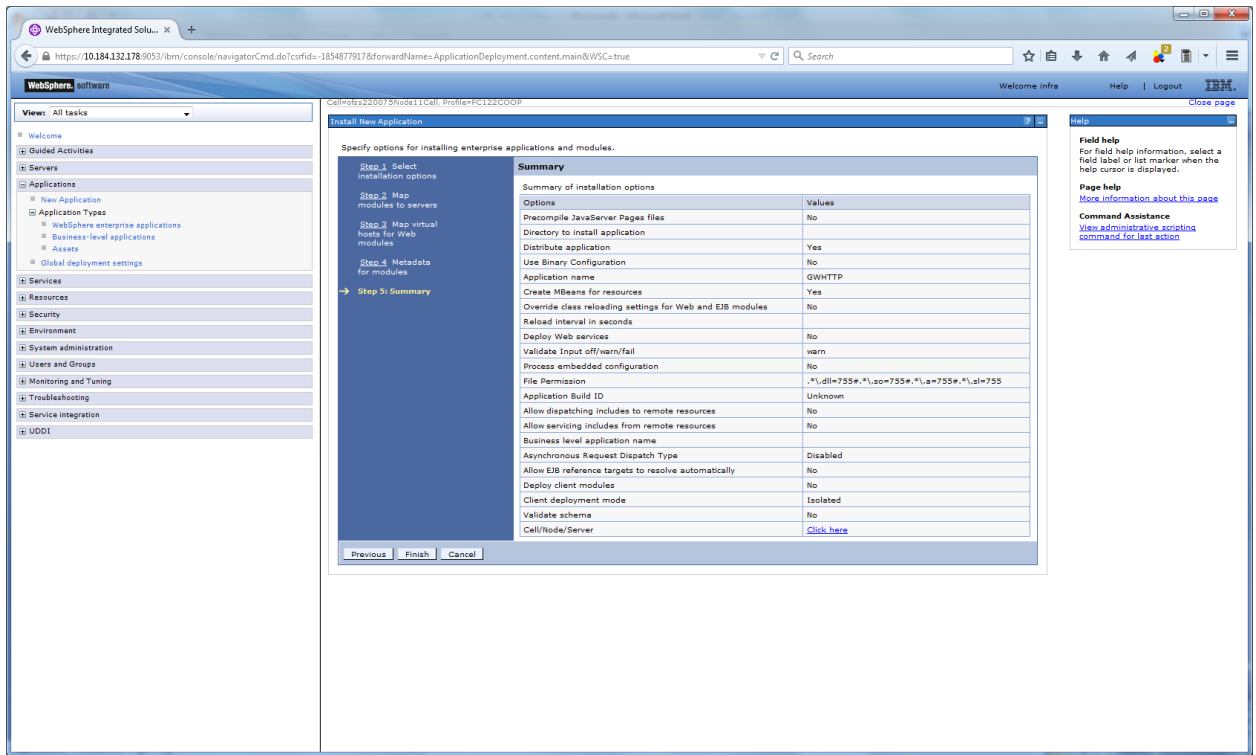9. Click next and the following screen is displayed.

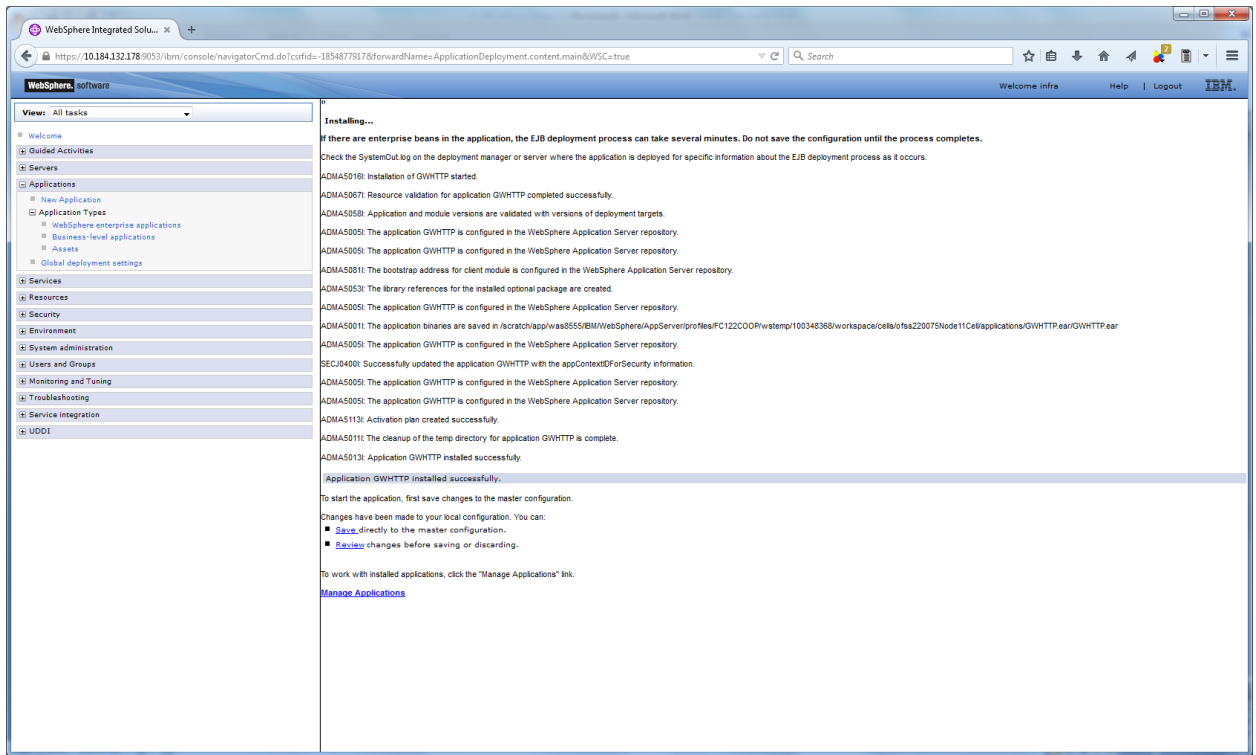10. Click next and the following screen is displayed.

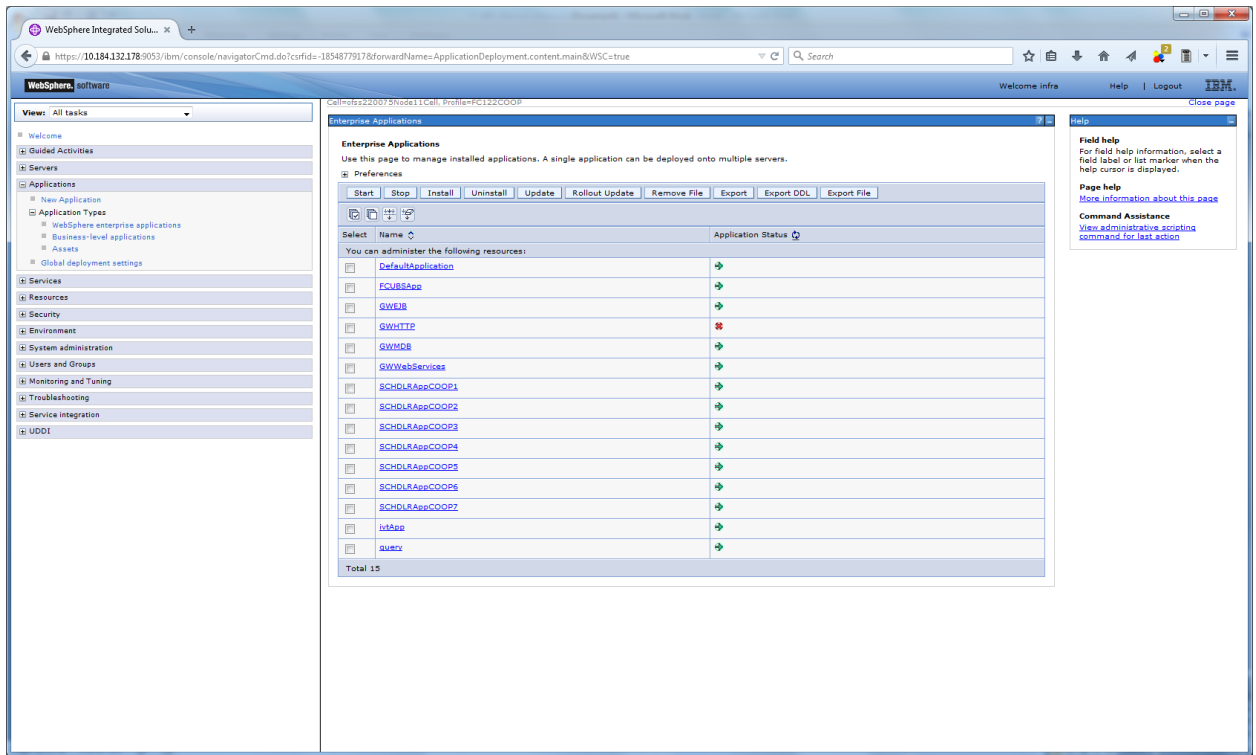ORACLE®

11. Click next and the following screen is displayed.
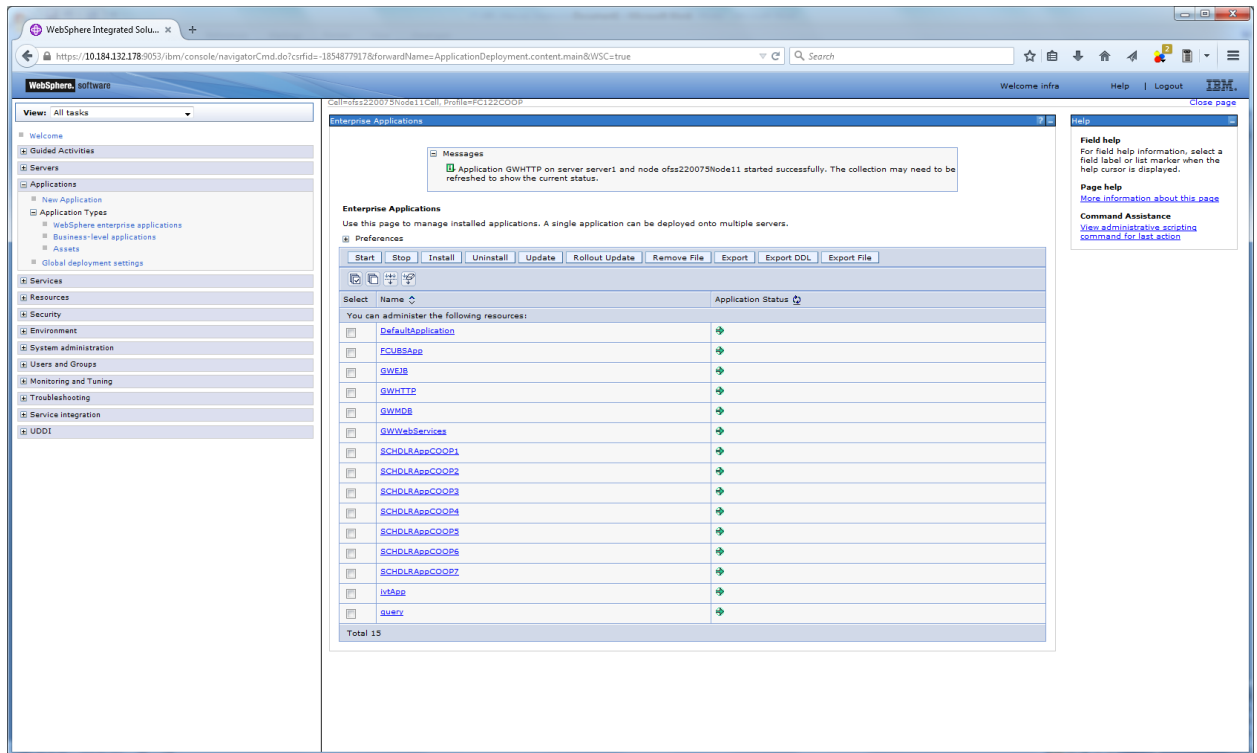

12. Click next and the following screen is displayed.

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13. Click on finish and the following screen is displayed.

14. Click on save and the following screen is displayed.

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15. Select the installed application and click on start.

GWHTTP application has been deployed successfully.

1.2.8 FCUBS GWWebServices Application Deployment

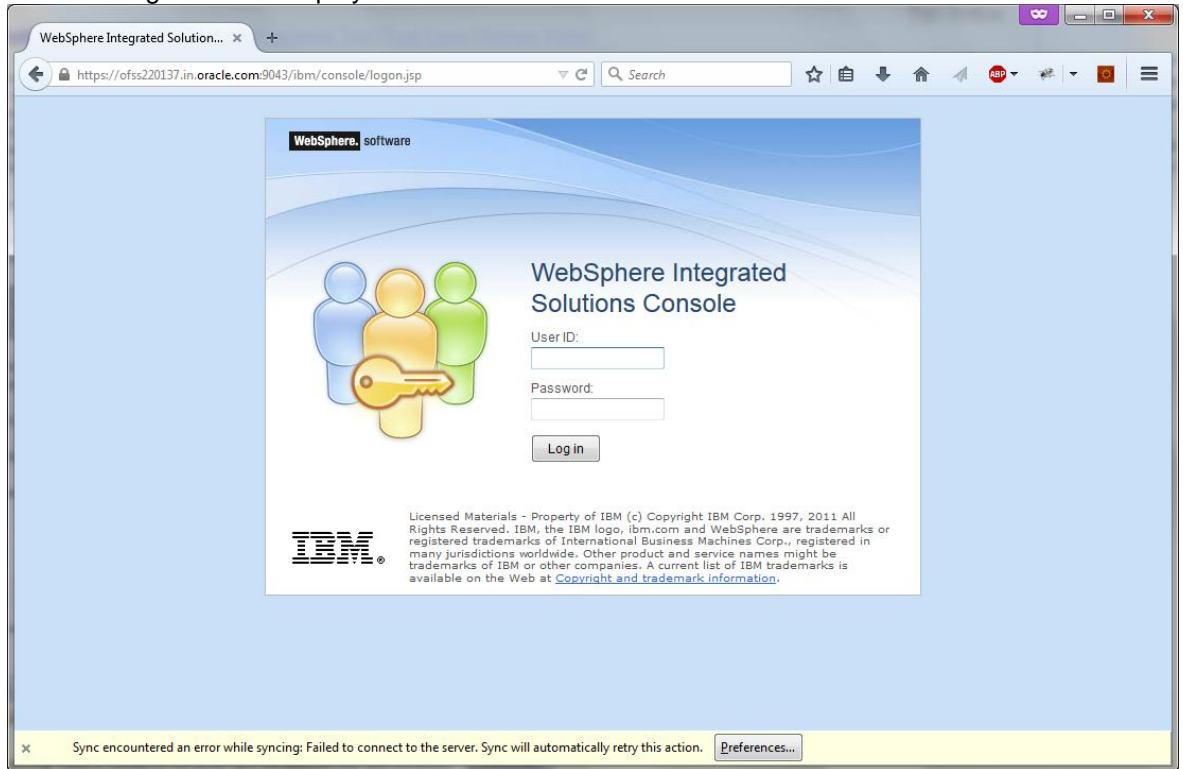To deploy Oracle FLEXCUBE UBS application on WebSphere application server, follow the steps given below:

1. Open the Administrative Console of WebSphere server:

   Open an internet browser and type the WebSphere Admin Console URL http://{Host}:{Port}/console.
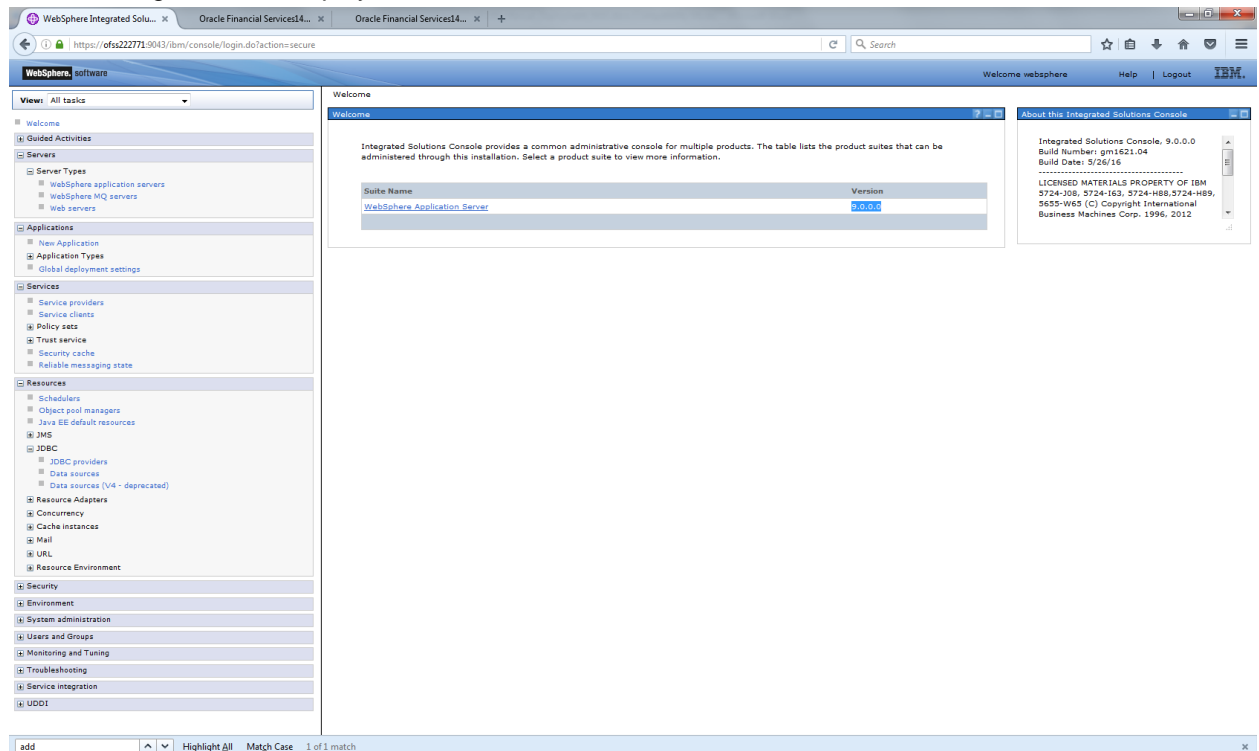
   Eg: https://10.10.10.10:1010/console

   In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running.
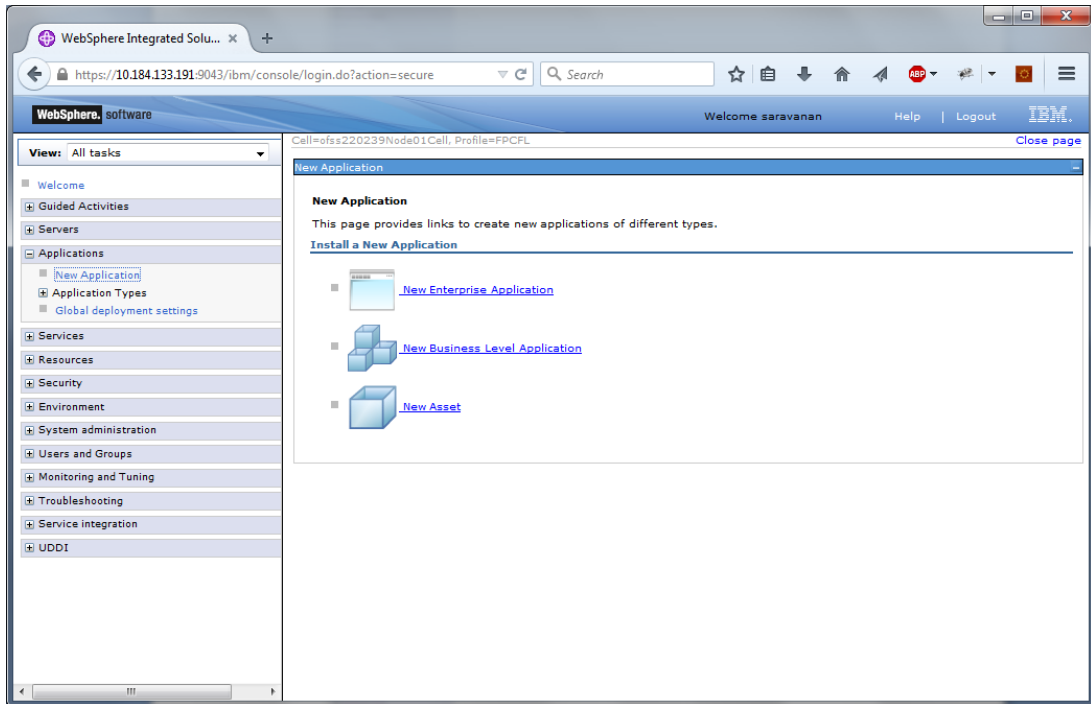
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The following screen is displayed:

2. Enter the user name and password and click 'Log In' to log in to the application server.

3. Navigate to the WebSphere Home Page.
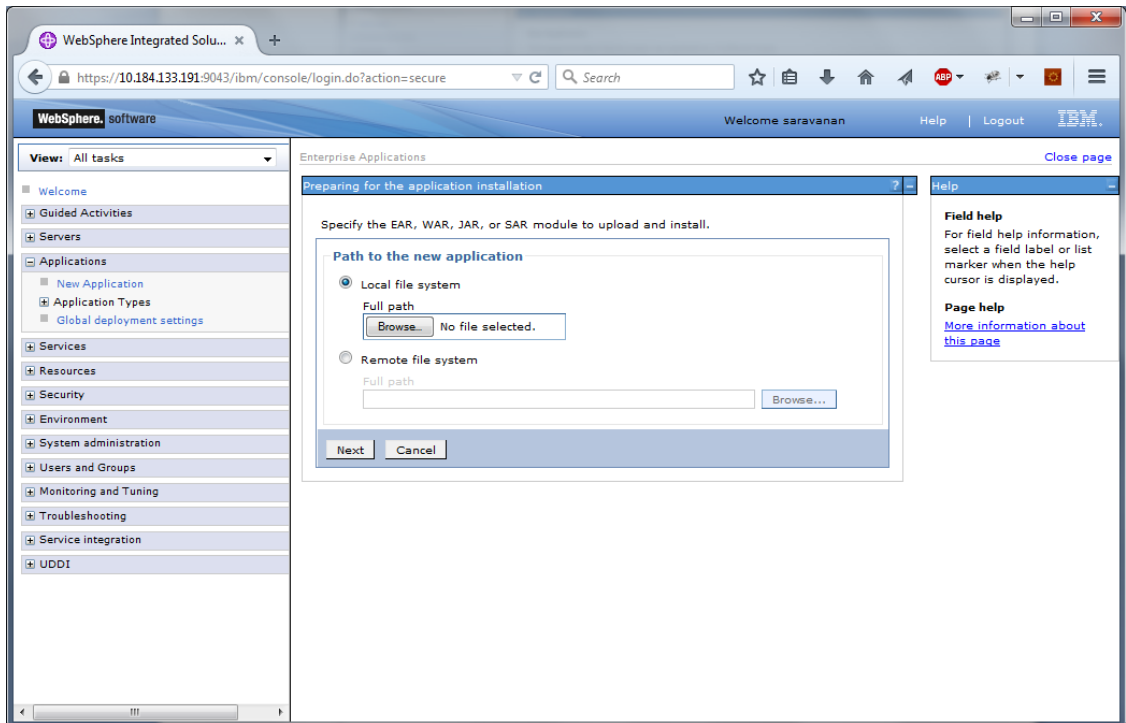
   The following screen is displayed.

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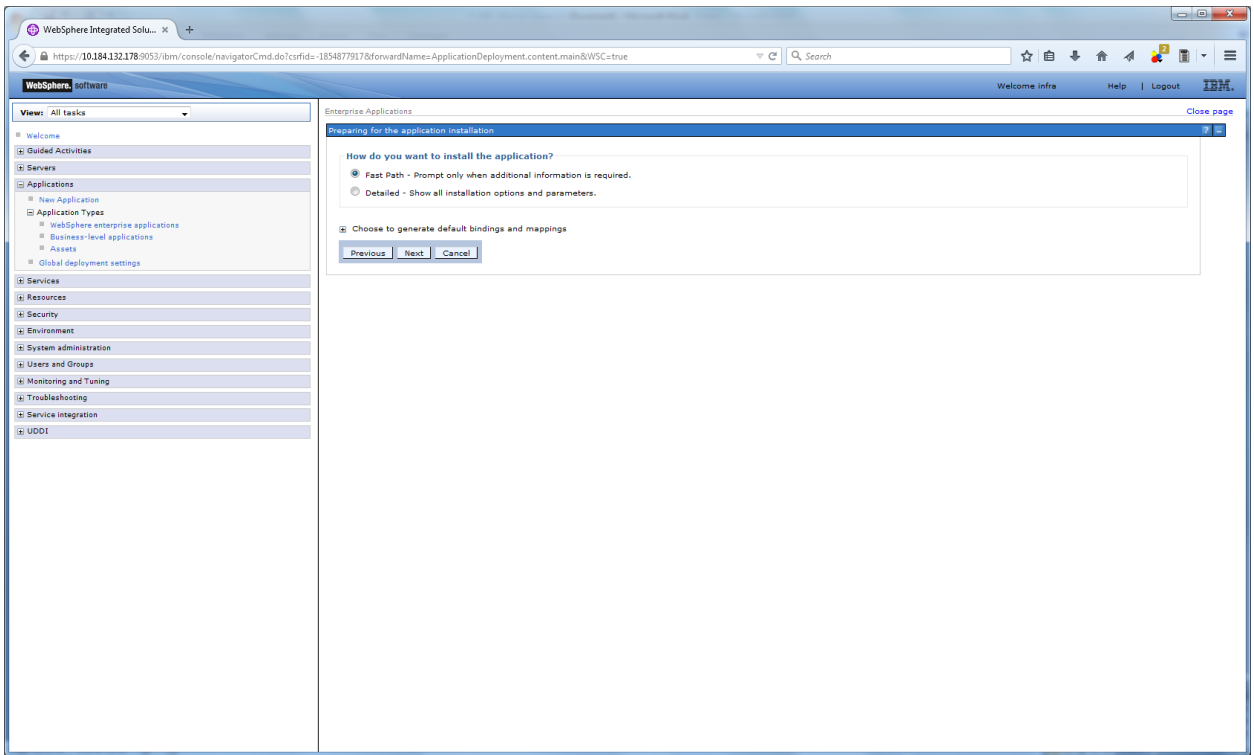4. Expand Applications from left-side menu and Click 'New Application'.
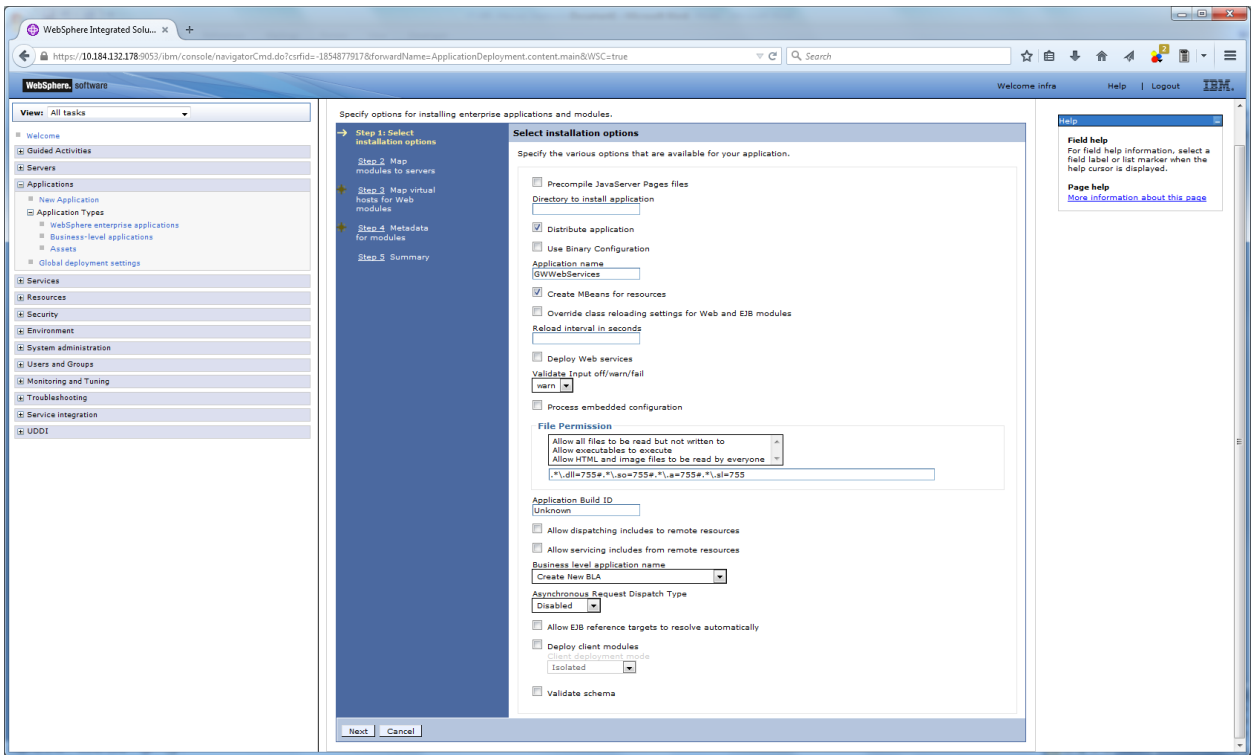
The following screen is displayed.

5. Click 'New Enterprise Application.

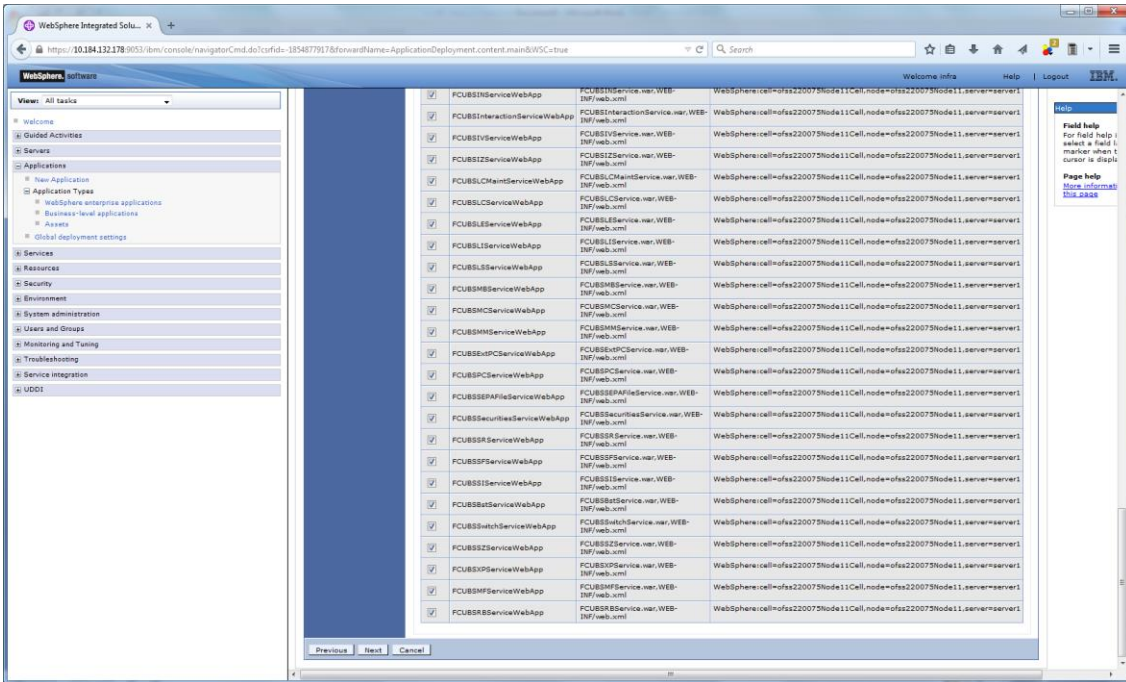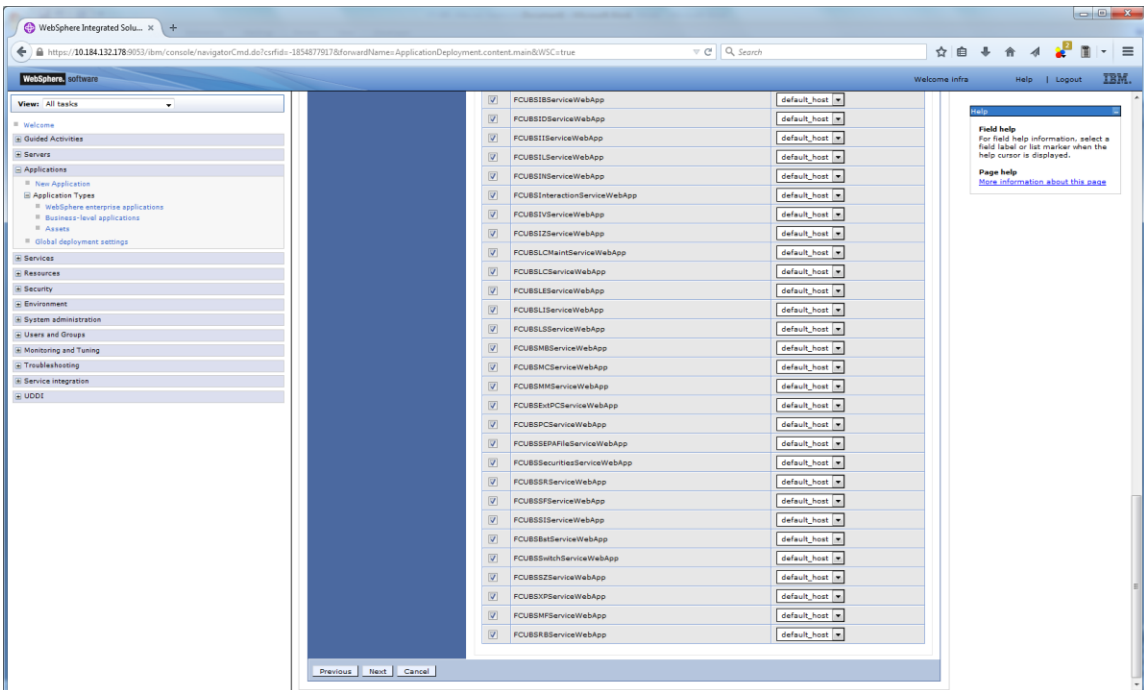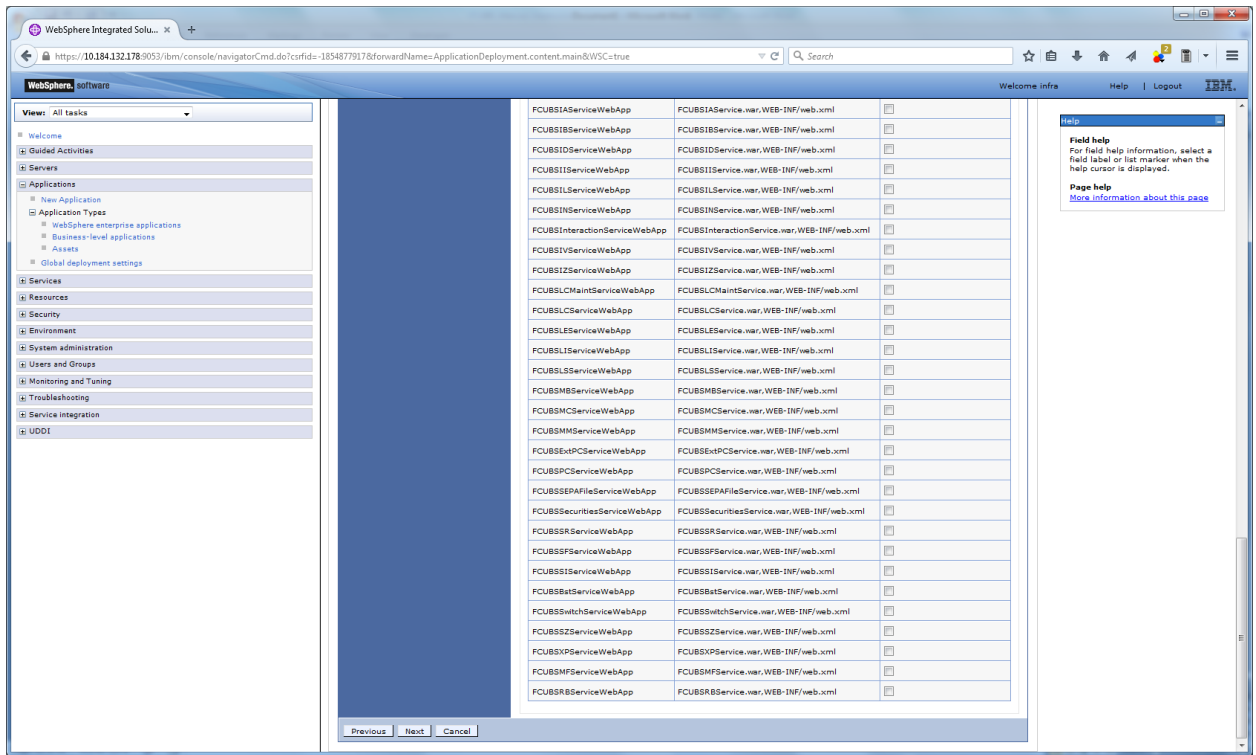ORACLE®

6. Browse the application EAR file and click next button.

7. Click on next and the following screen is displayed.

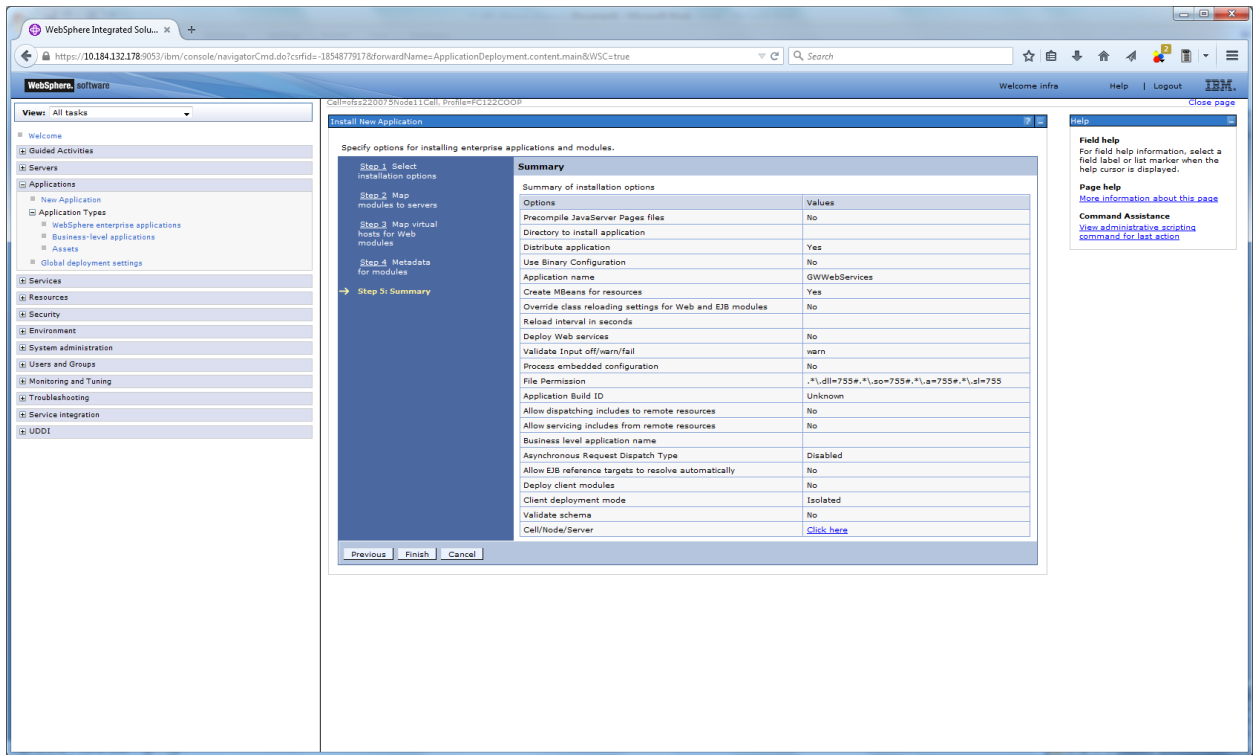ORACLE®

8. Click on next and the following screen is displayed.
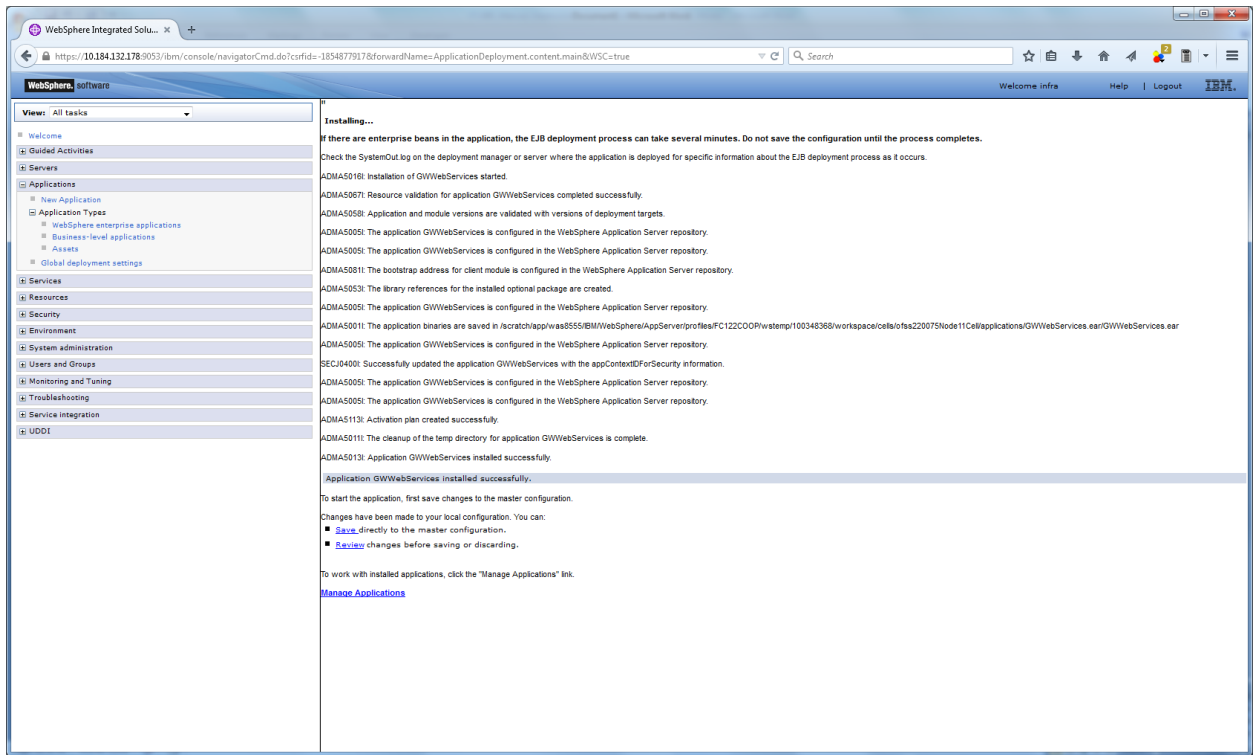

9. Click on next and the following screen is displayed.
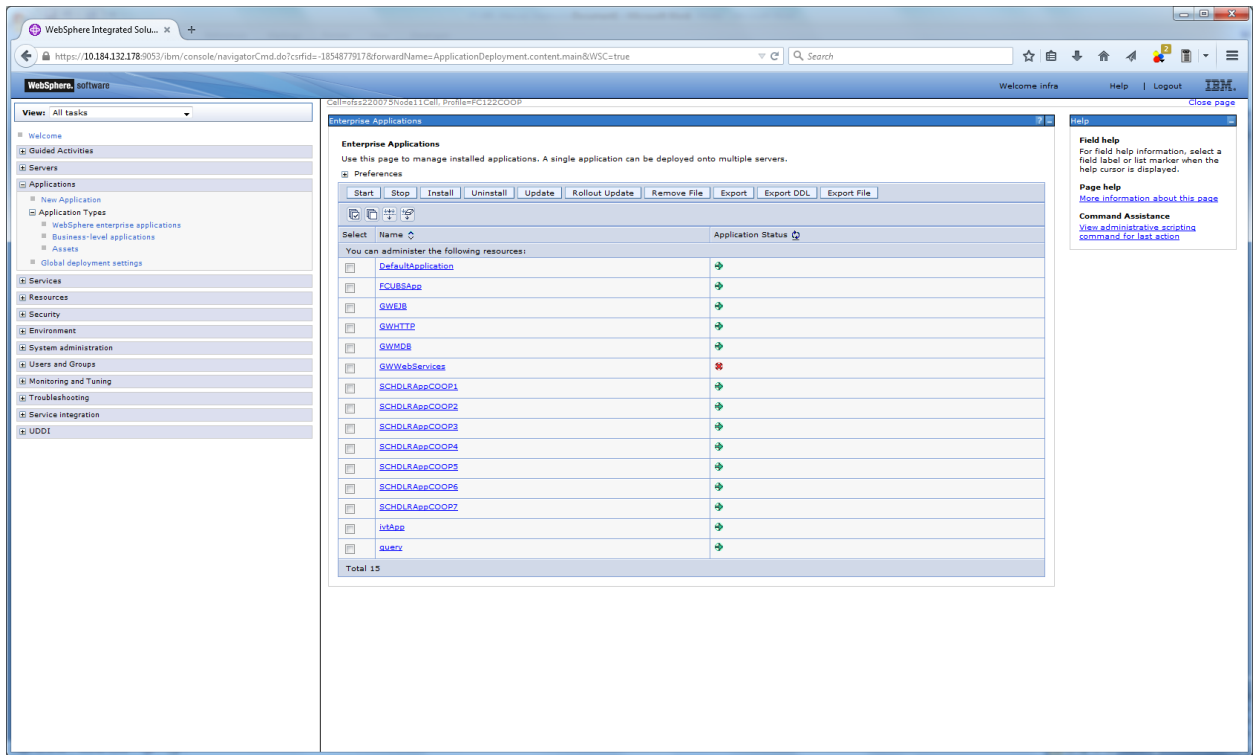
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10. Click on next and the following screen is displayed.

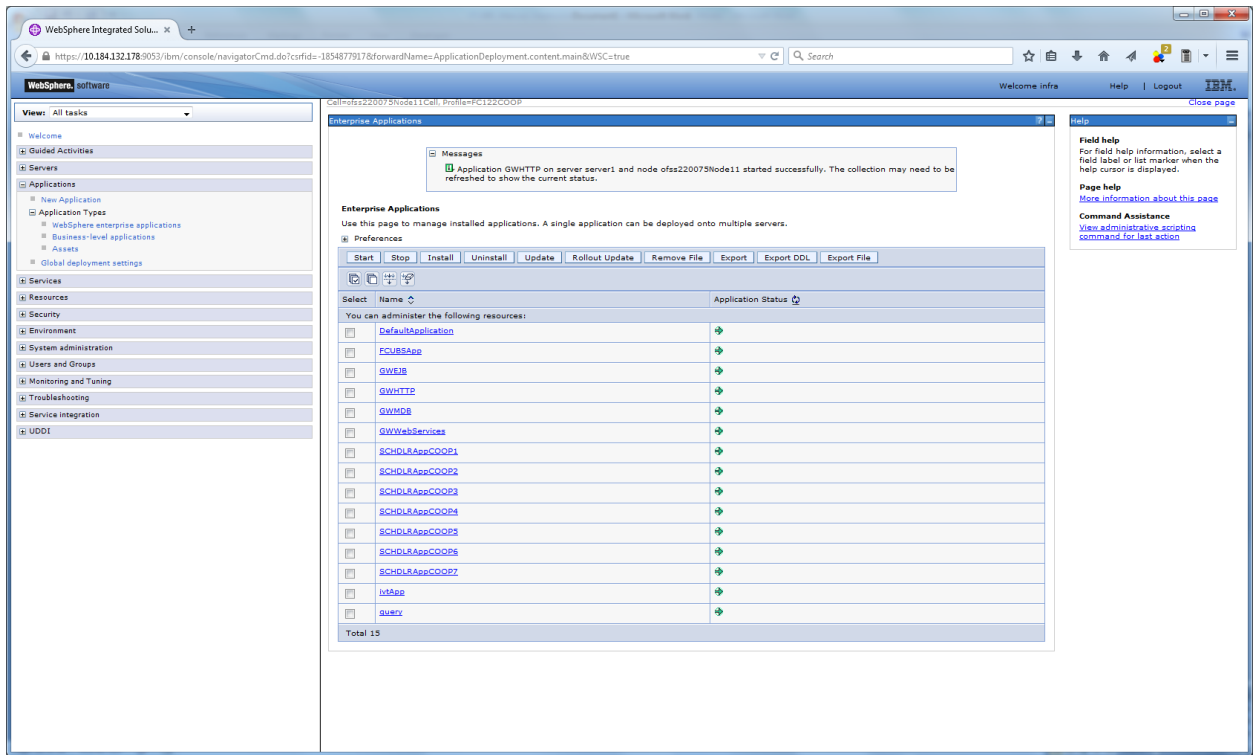11. Click on next and the following screen is displayed.

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12. Click on finish and the following screen displayed.

13. Click on save and the following screen is displayed.

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14. Select the installed application and click on start.

GWWebServices application has been deployed successfully.

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Deploying Oracle FLEXCUBE on WebSphere
[May] [2019]
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