

Deploying Oracle Banking Treasury Management Application
on WebSphere
Oracle Banking Treasury Management
Release 14.4.0.2.0
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1. Deploying Oracle Banking Treasury Management on WebSphere

1.1 Introduction

This document explains the steps to deploy the Oracle Banking Treasury Management application on IBM WebSphere application server.

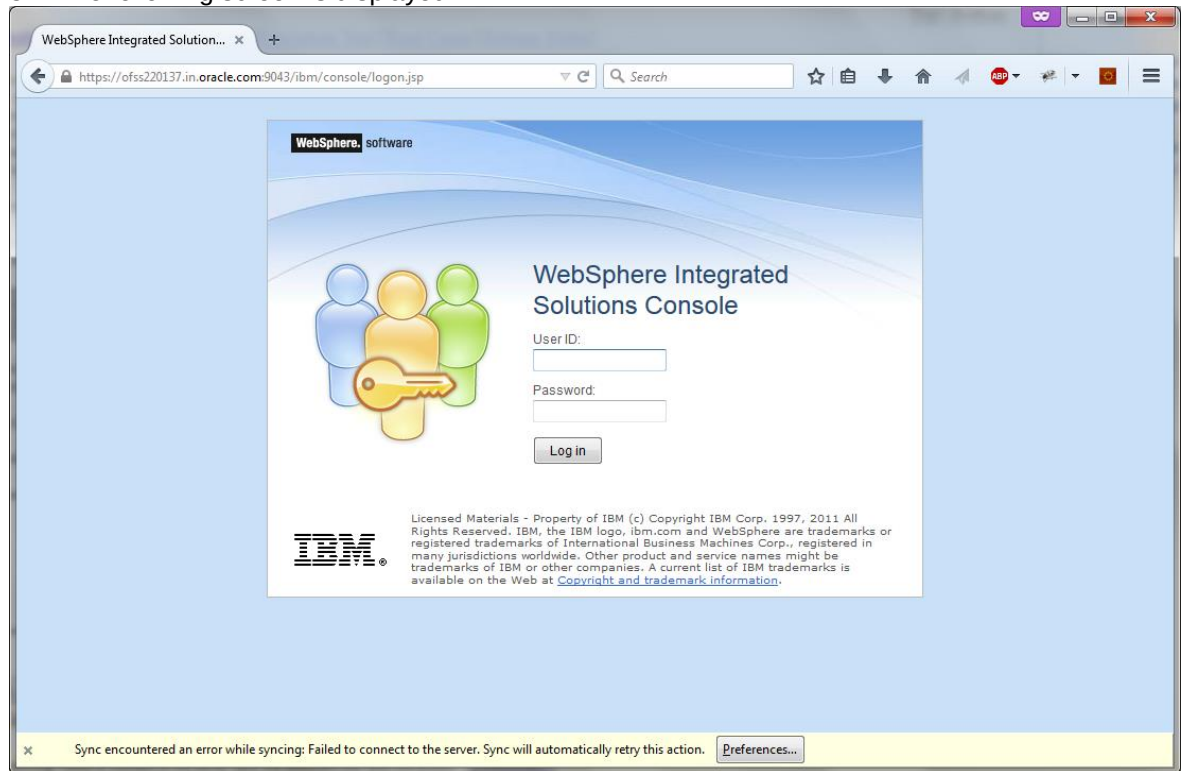
1.2 Deploying Application

1.2.1 Shared Library Deployment

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

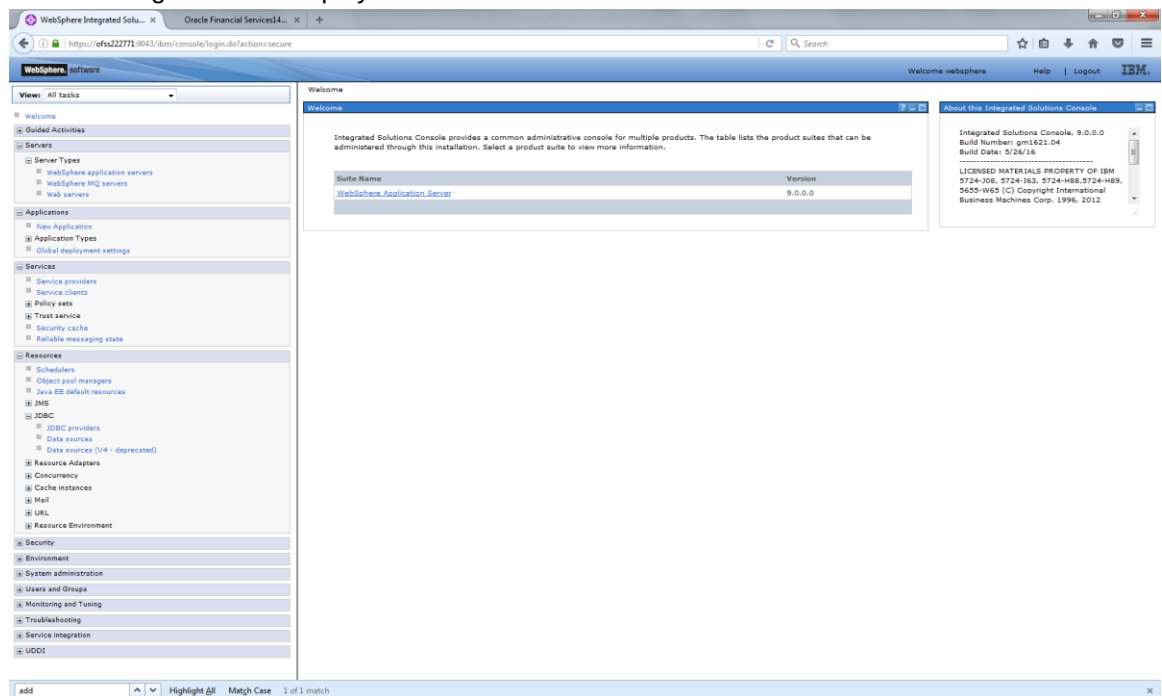
1. Copy Generated Integration Adapter (OBTRExtAdapter.jar) to WebSphere Application server {Was_profile}/OBTRExtadapter. Eg:
/scratch/IBM8559/WebSphere/AppServer/profiles/BGV8559_01/OBTRExtadapter
2. Open the Administrative Console of WebSphere server:
 - Open an internet browser and type the WebSphere 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.

3. The following screen is displayed:



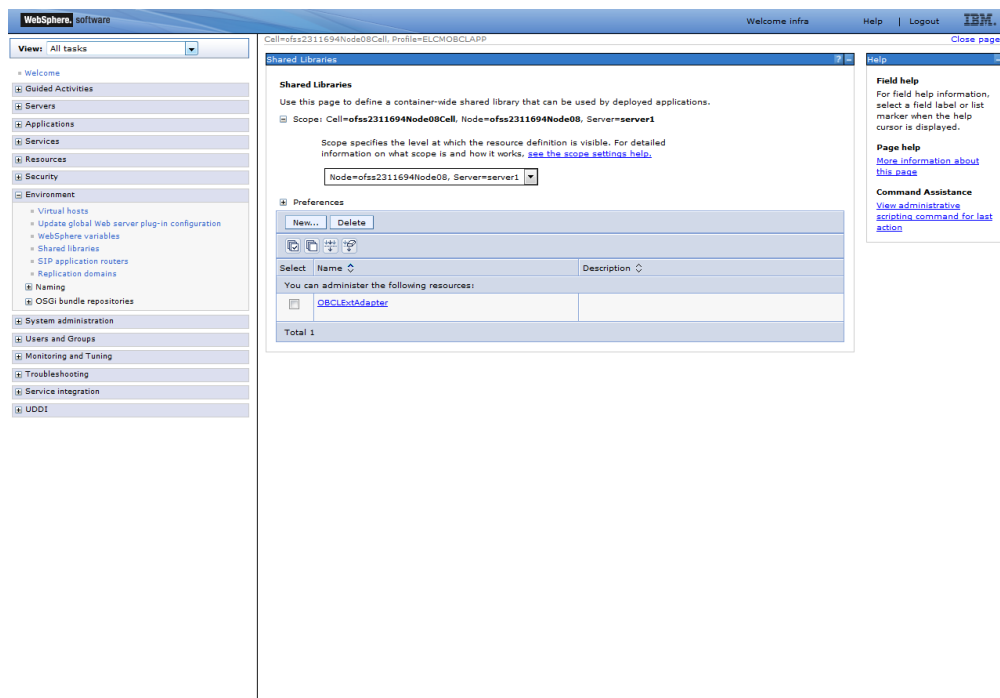
4. Enter the user name and password and click 'Log In' to log in to the application server.
5. Navigate to the WebSphere Home Page.

The following screen is displayed.



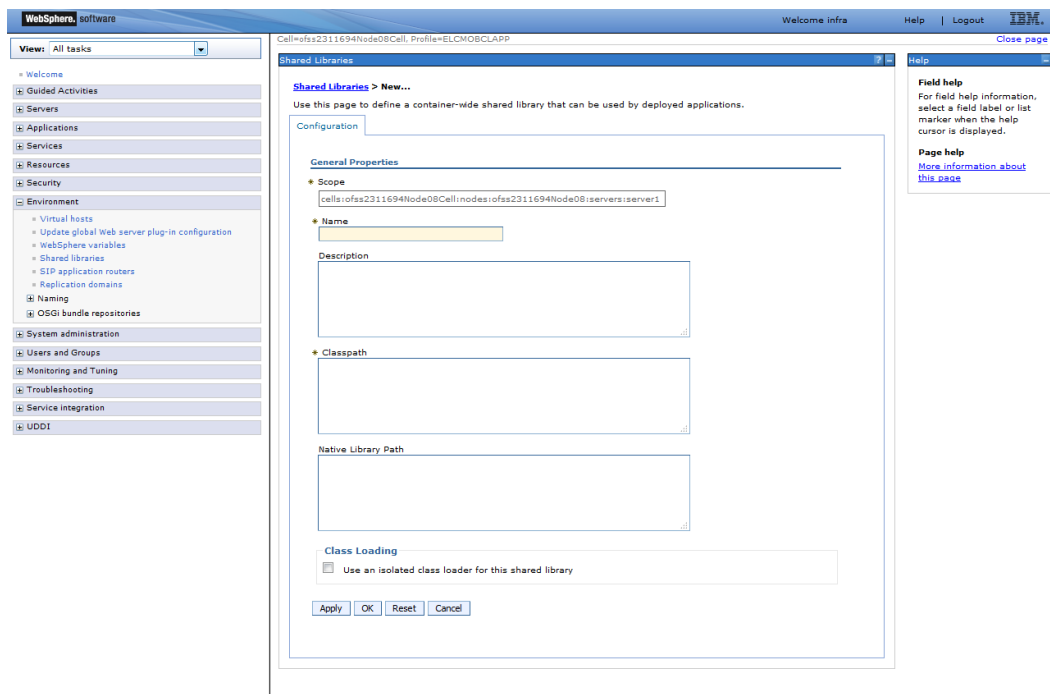
6. Expand Environment from left-side menu and Click 'Shared Libraries'.

The following screen is displayed.



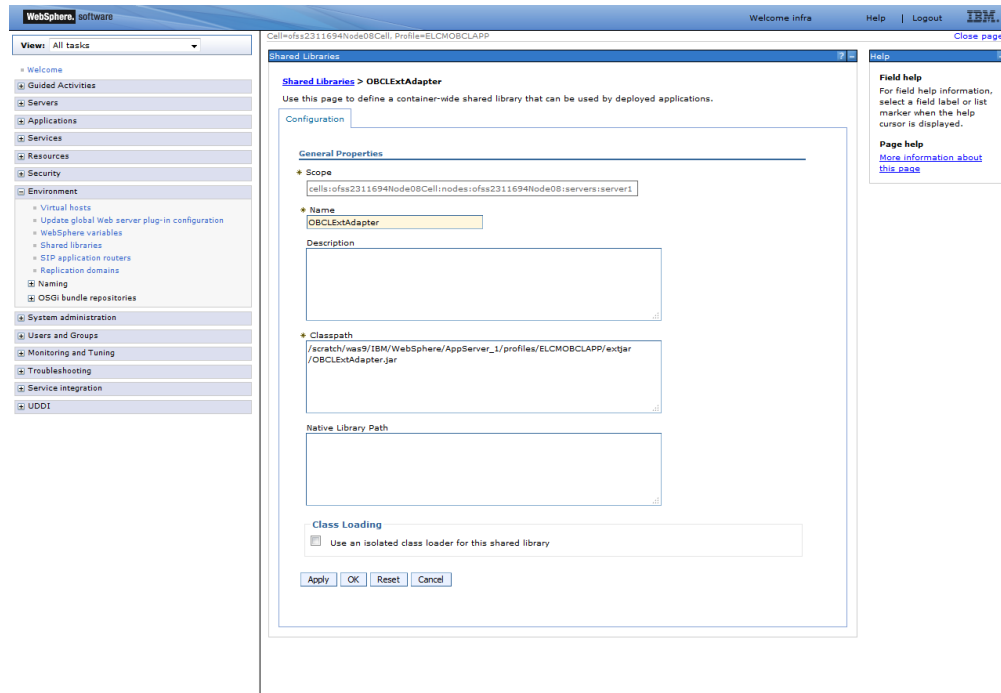
7. Click on New

The following screen is displayed.



- Name : Name of the Adapter
- Description : provide description

- Classpath: provide OBTextAdapter Jar path server {Was_profile}/OBTextadapter. Eg: /scratch/IBM8559/WebSphere/AppServer/profiles/BGV8559_01/OBTextadapter.



8. Click 'Apply' and 'save' the changes.

1.2.2 OBTR Application Deployment

To deploy Oracle Banking Treasury Management application on WebSphere application server, follow the steps given below:

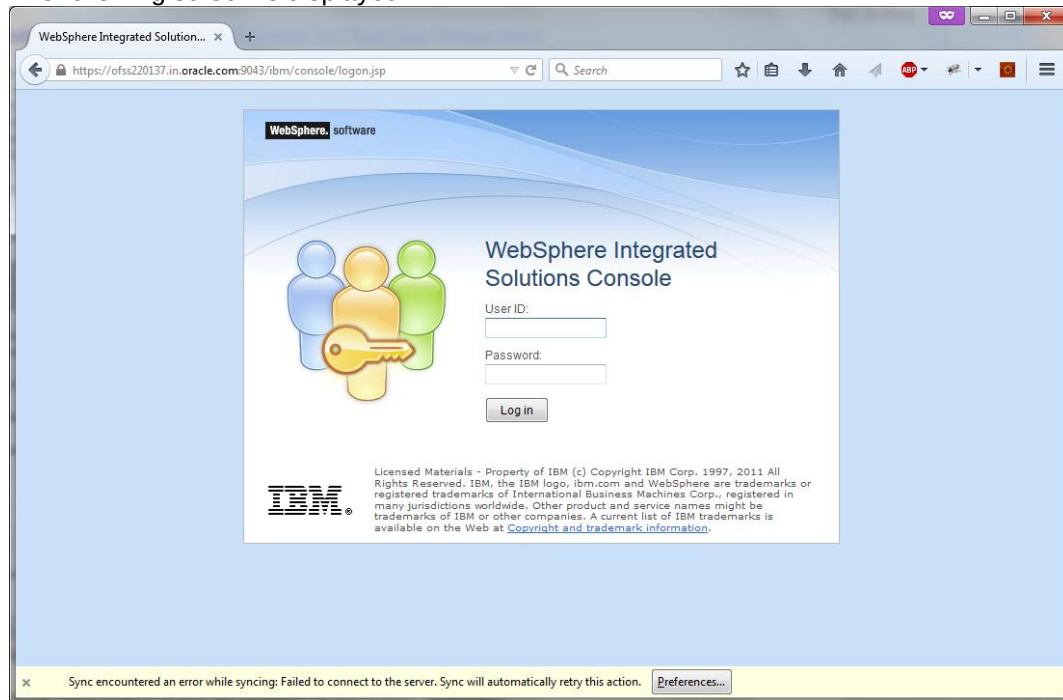
9. Open the Administrative Console of WebSphere server:

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.

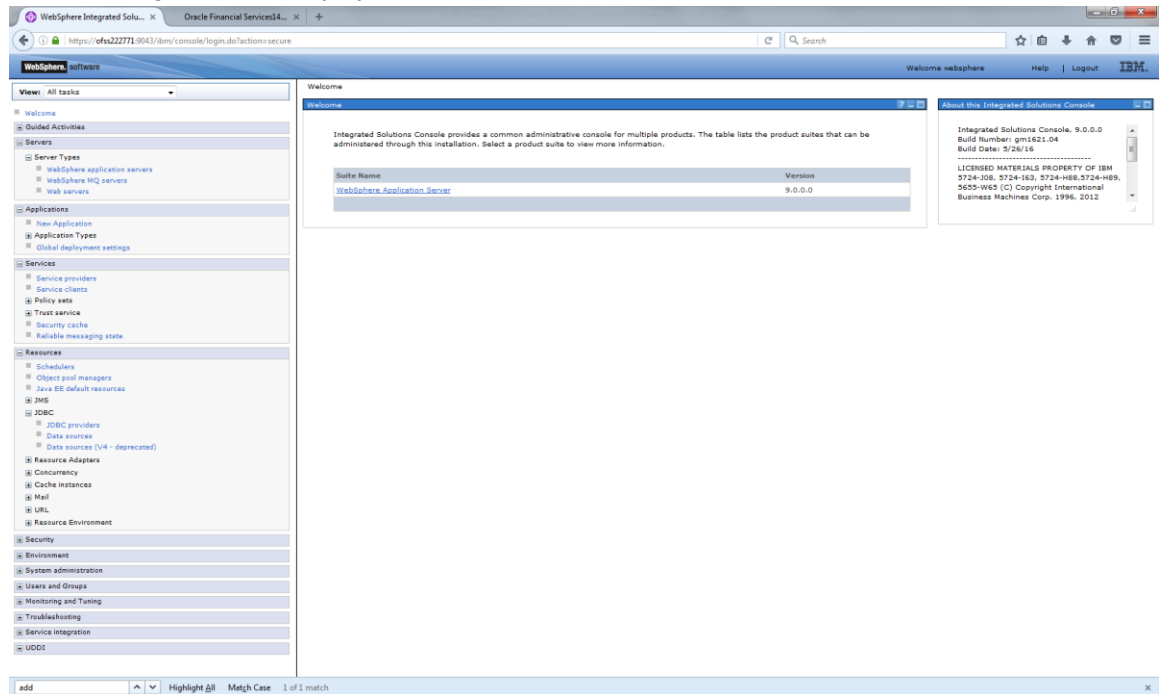
The following screen is displayed:



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

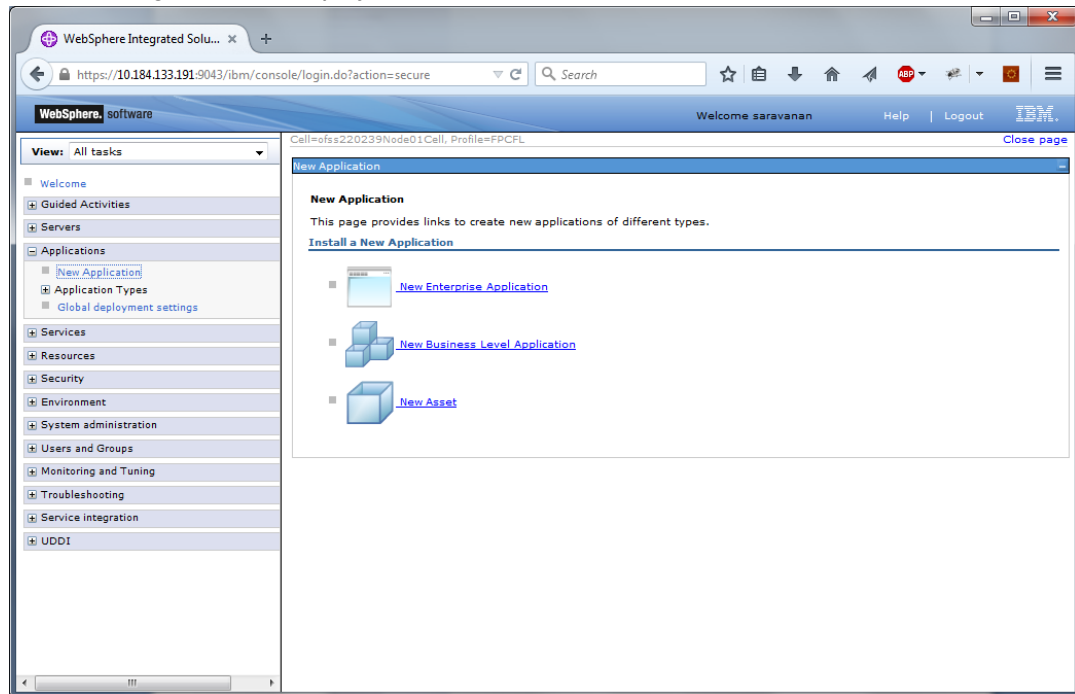
11. Navigate to the WebSphere Home Page.

The following screen is displayed.

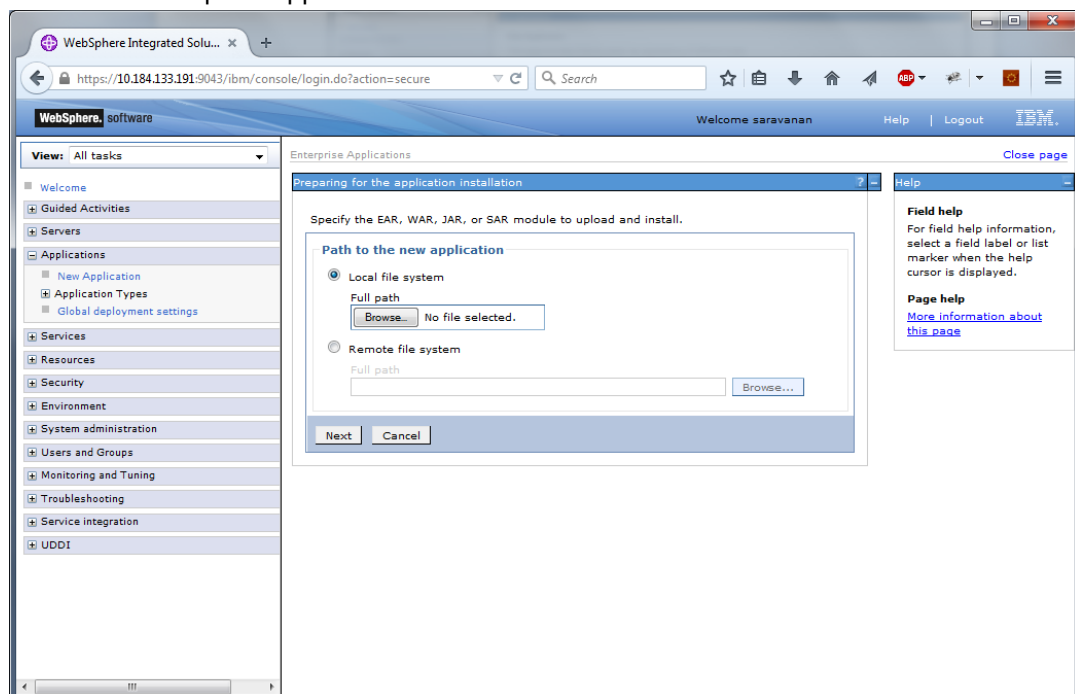


12. Expand Applications from left-side menu and Click 'New Application'.

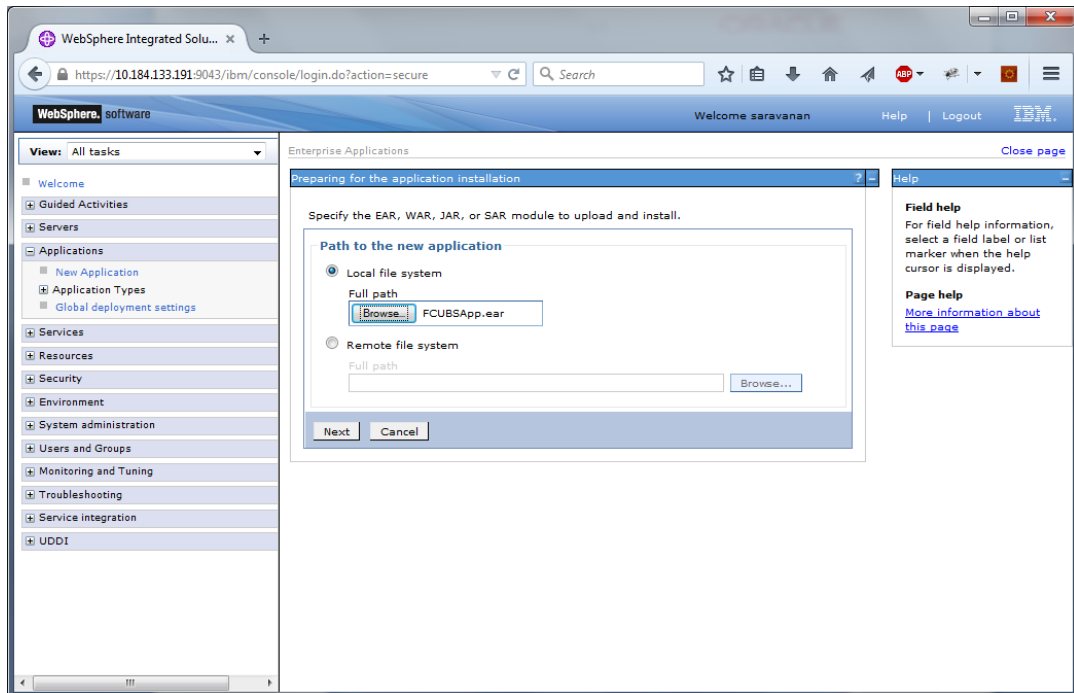
The following screen is displayed.



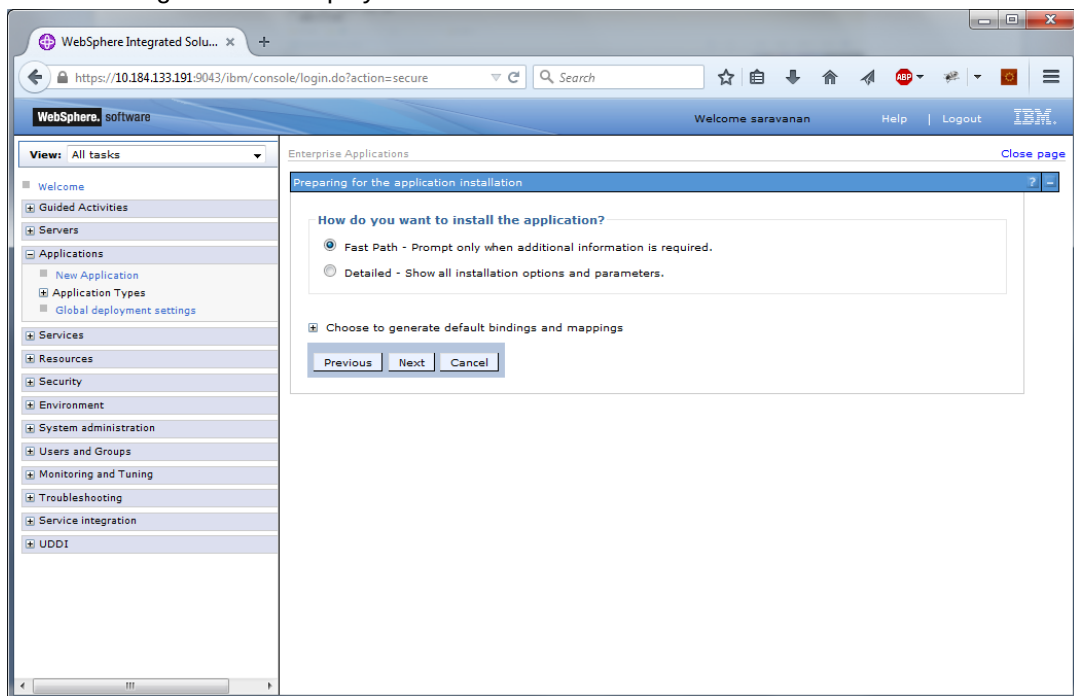
13. Click 'New Enterprise Application'.



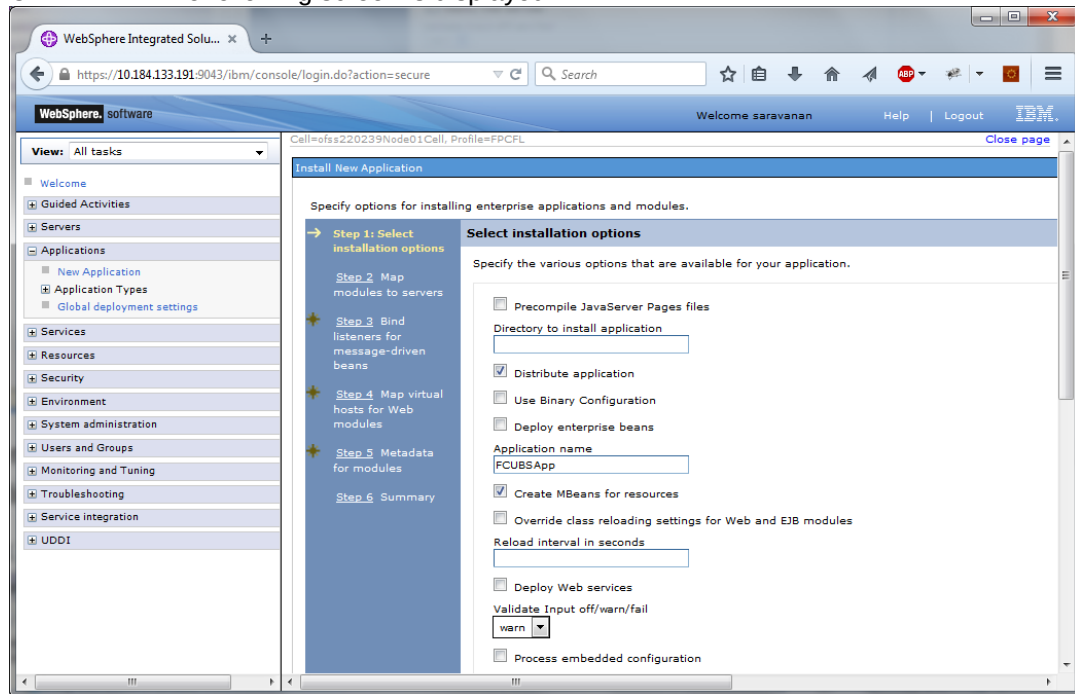
14. Browse the application EAR file and click next button



The following screen is displayed.

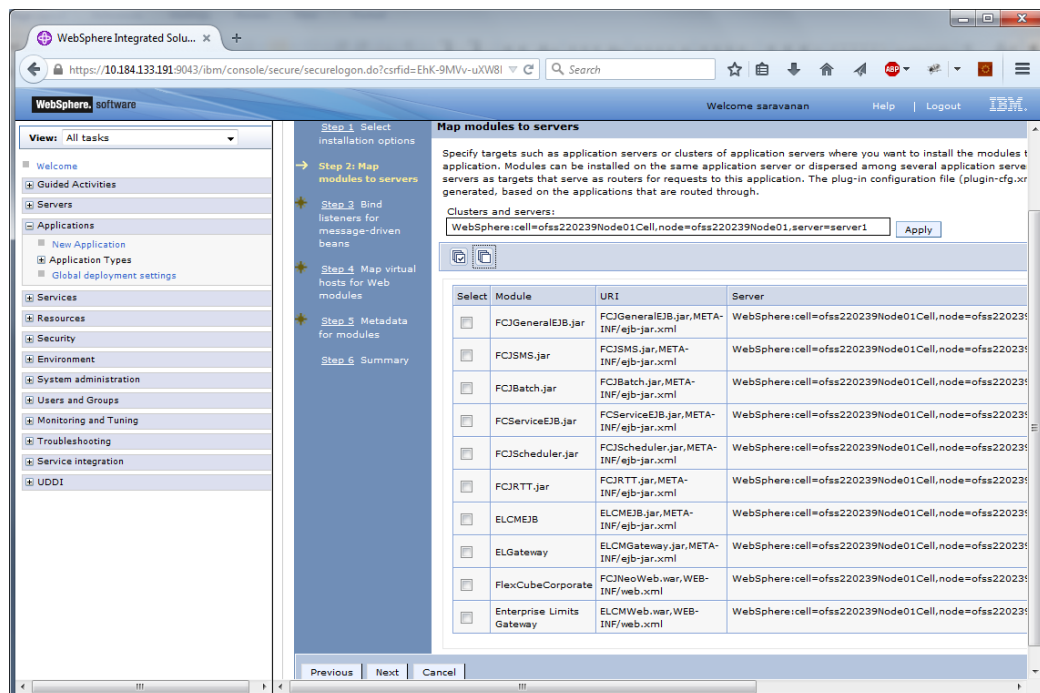


15. Click 'Next'. The following screen is displayed.

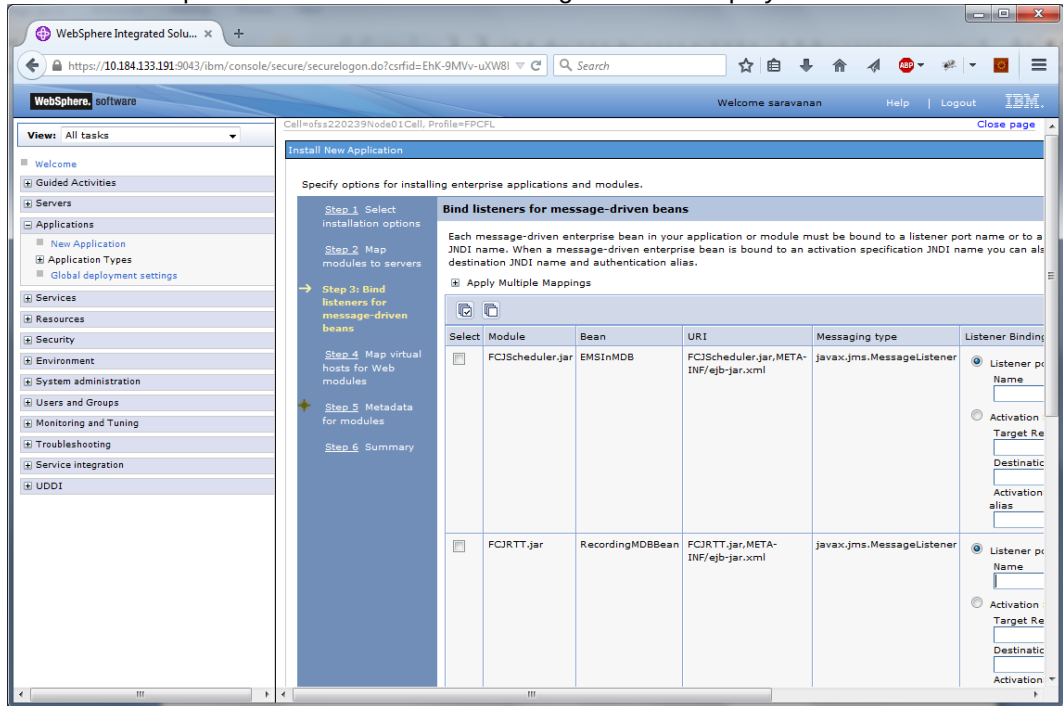


16. Enter the Application Name. This should be the application name mentioned as part of EAR building.

17. Click 'Next'.



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



19. Specify the details as shown in the figure.

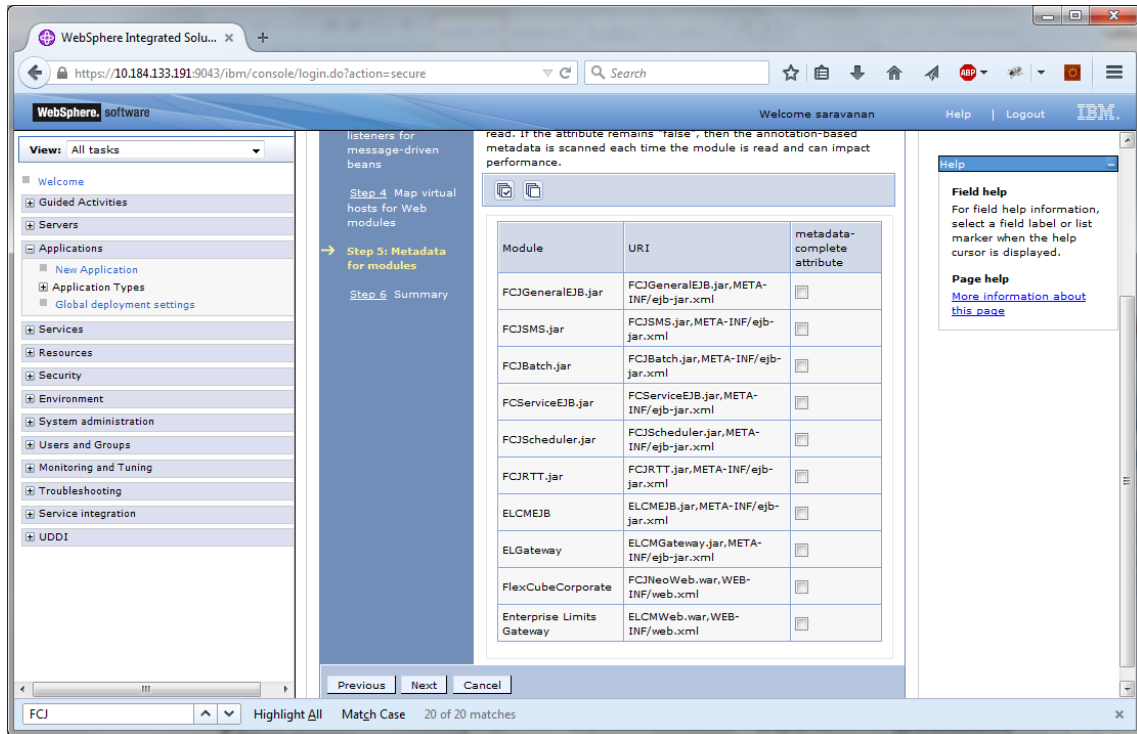
Select	Module	Bean	URI	Messaging type	Listener Bindings
☐	PCScheduler.jar	EMSIinMDB	PCJScheduler.jar;META-INF/eb-jar.xml	javax.jms.MessageListener	- Listener port Name: EMSI_listener - Activation Specification Target Resource JNDI Name: [] - Destination JNDI name: [] - ActivationSpec authentication alias: []
☐	FCJRT.jar	RecordingMDBBean	FCJRT.jar;META-INF/eb-jar.xml	javax.jms.MessageListener	- Listener port Name: RecordingMDB_listener - Activation Specification Target Resource JNDI Name: [] - Destination JNDI name: [] - ActivationSpec authentication alias: []
☐	ELGateway	ELGWMDB	ELCMGateway.jar;META-INF/eb-jar.xml	javax.jms.MessageListener	- Listener port Name: ELCMGateway_listener - Activation Specification Target Resource JNDI Name: [] - Destination JNDI name: [] - ActivationSpec authentication alias: []
☐	ELGateway	ELNotifMDB	ELCMGateway.jar;META-INF/eb-jar.xml	javax.jms.MessageListener	- Listener port Name: ELNotifMDB_listener - Activation Specification Target Resource JNDI Name: [] - Destination JNDI name: [] - ActivationSpec authentication alias: []

20. Click 'Next'. Following screen is displayed

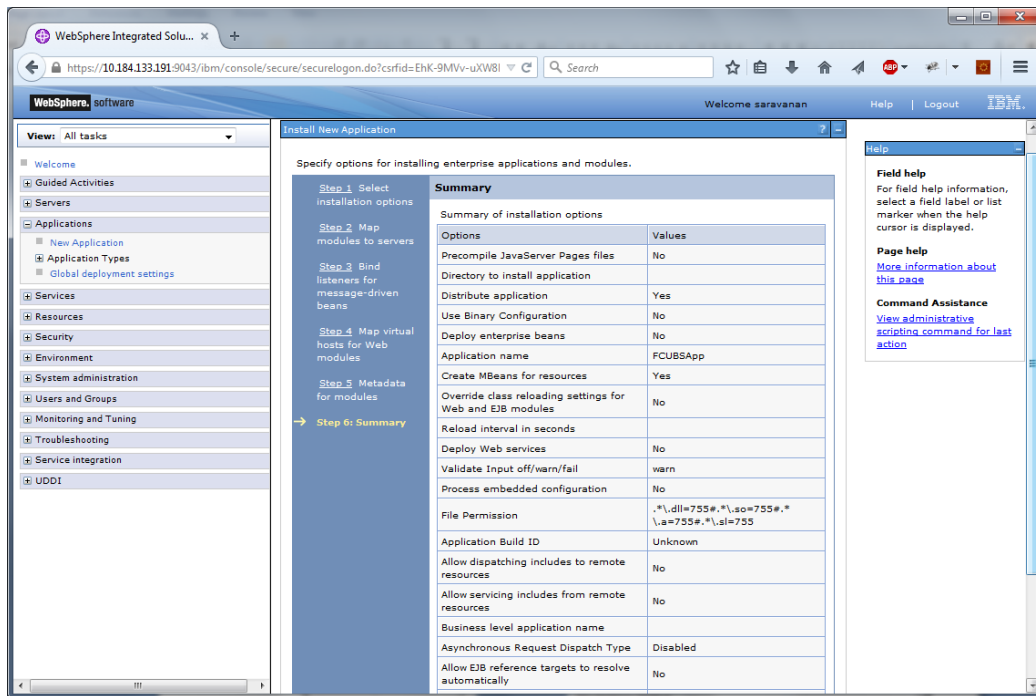
Select	Web module	Virtual host
☐	FlexCubeCorporate	default_host
☐	Enterprise Limits Gateway	default_host

21. Click 'Next'.

The following screen is displayed.

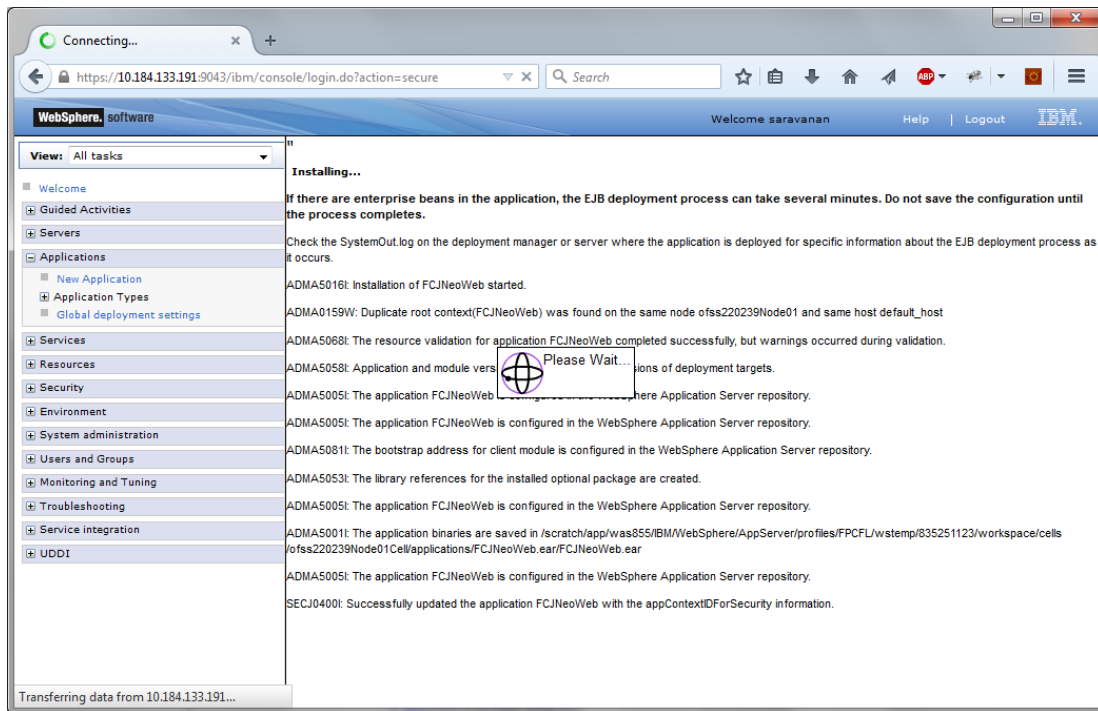


22. Click next.

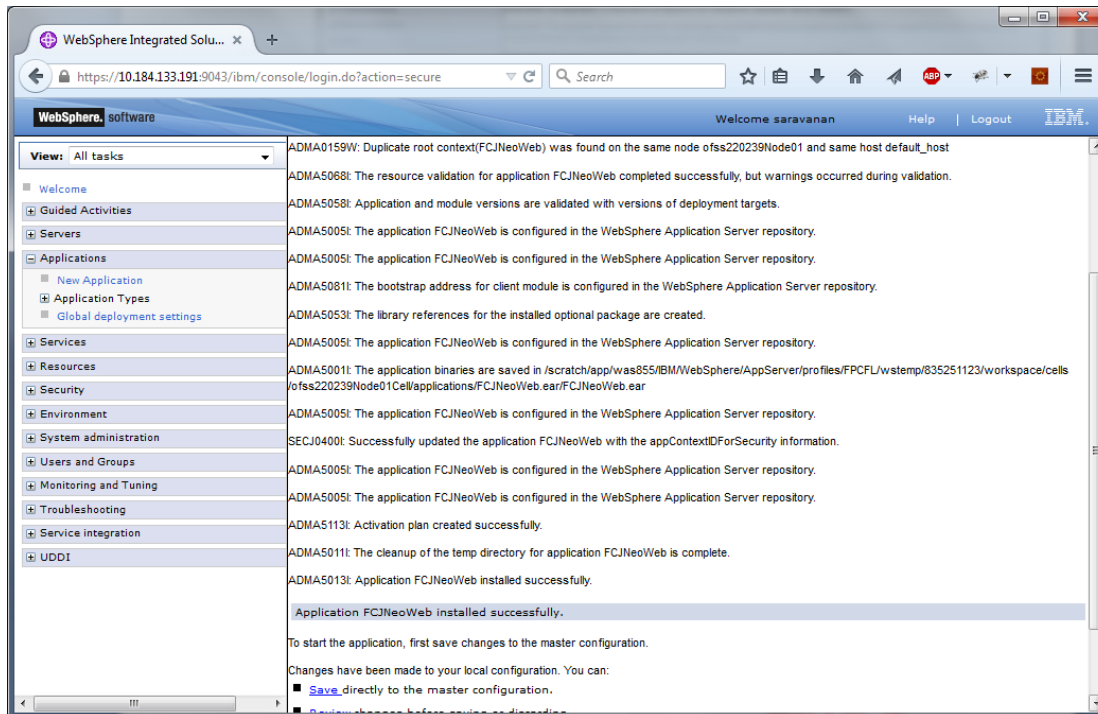


23. Click 'Finish'.

The following screen is displayed.

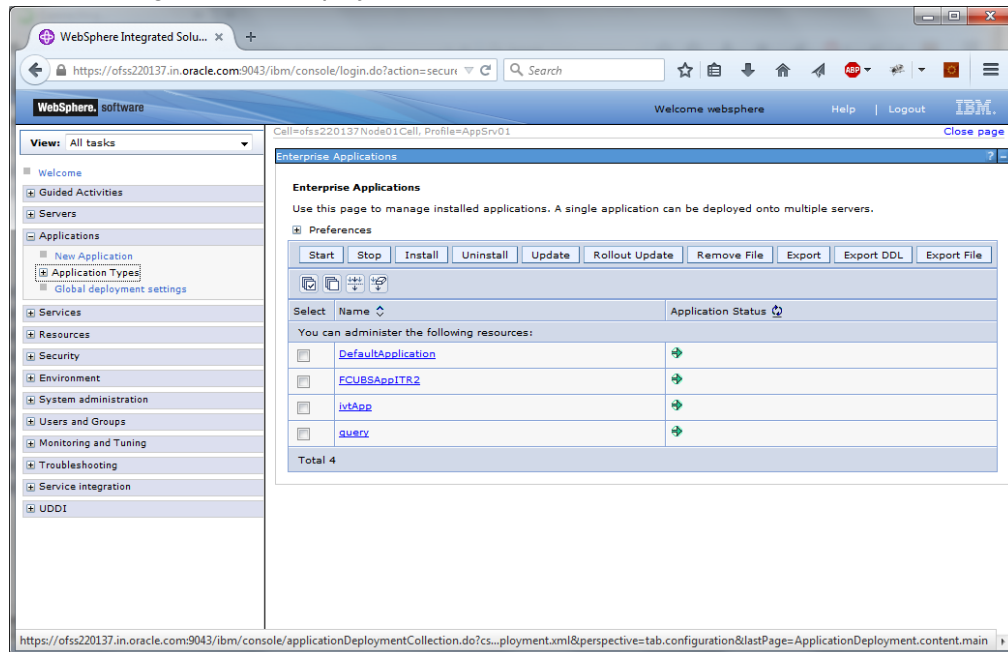


Wait for few seconds...



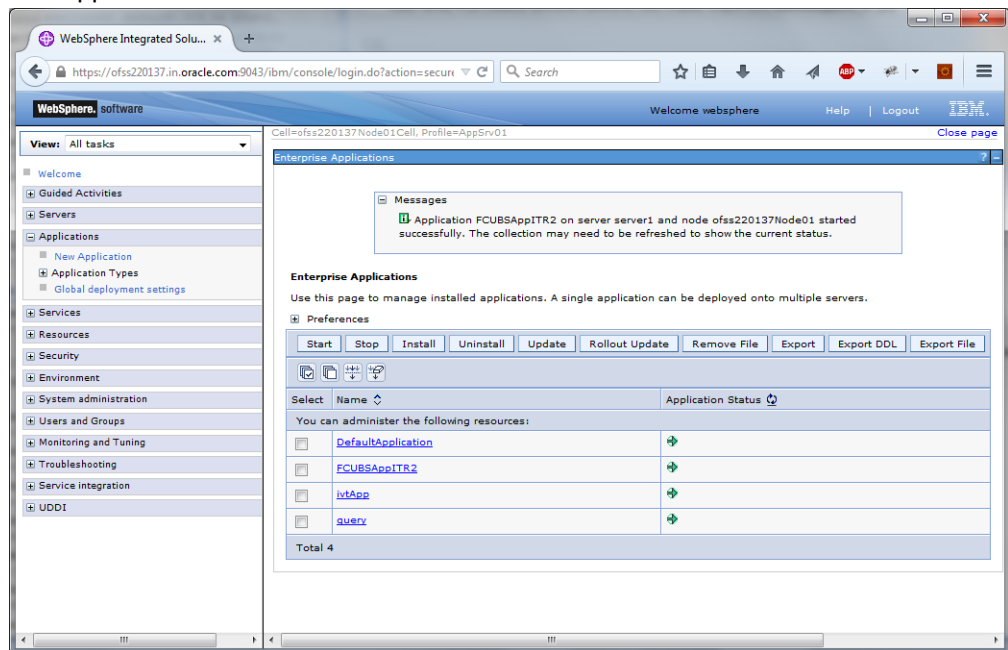
24. Click 'Save'.

The following screen is displayed.



25. Select the application and click 'Start'.

The application starts as shown below:



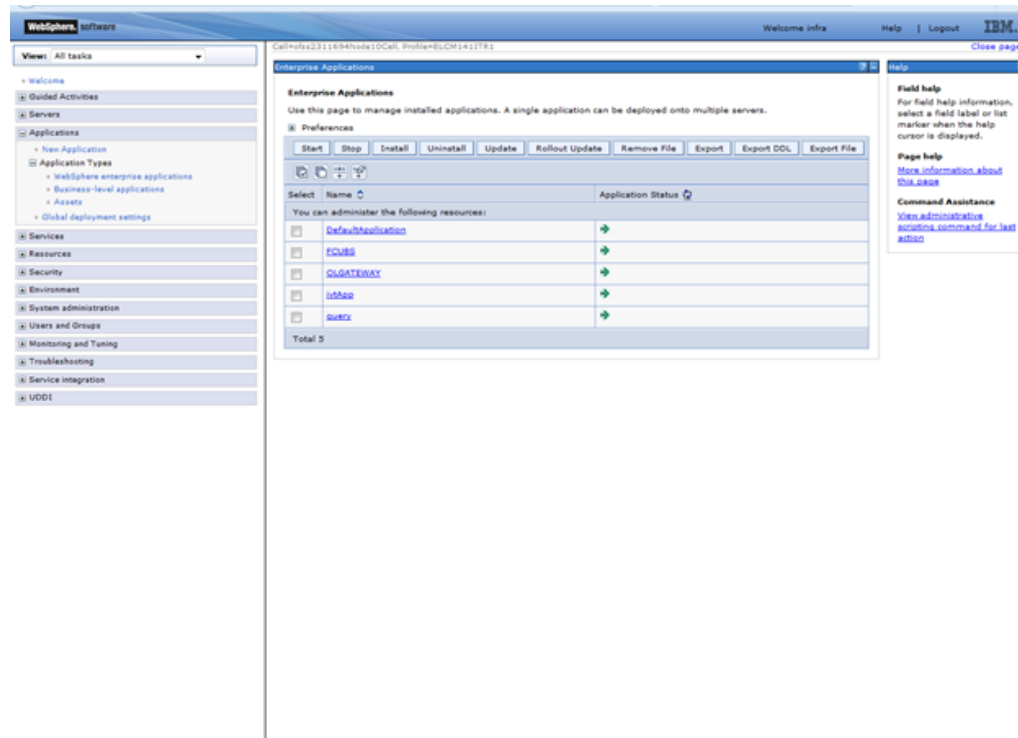
This completes the deployment of EAR (FCJNeoWeb.ear) on IBM WebSphere 9.0.0.0 Application Server from the Administration Console.

1.2.3 Link the adapter (Shared Libraries) to the Application

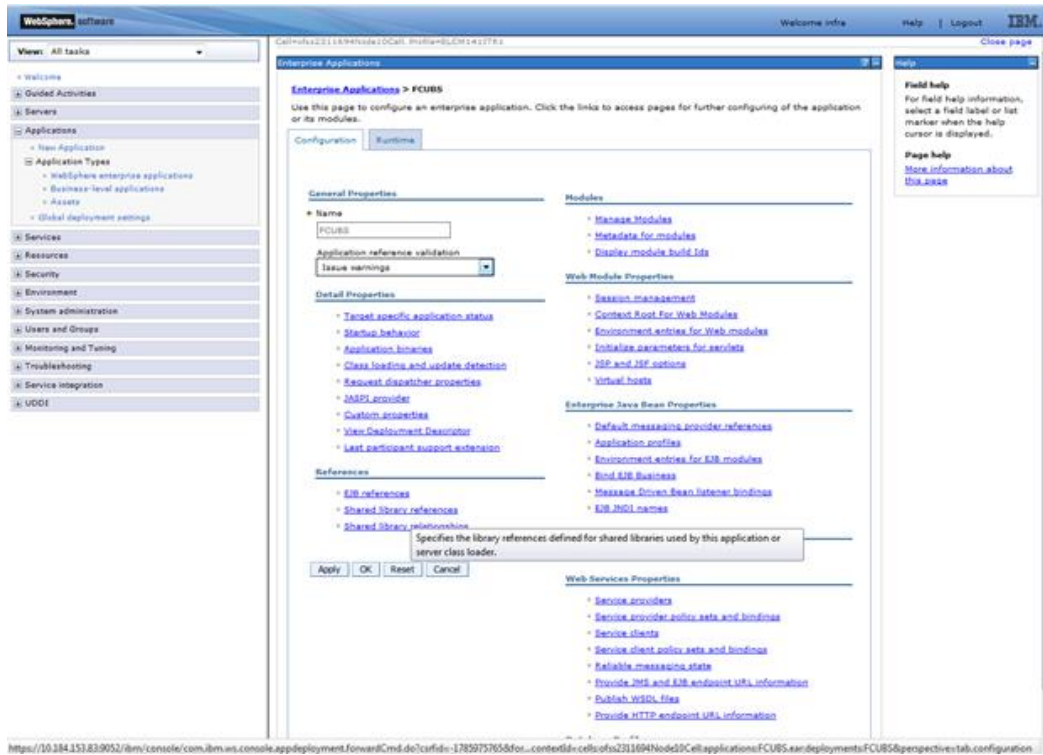
1. Open the Administrative Console of WebSphere server:
2. Open an internet browser and type the WebSphere Admin Console URL
`http://{Host}:{Port}/console`.
3. Eg: `https://10.10.10.10:1010/console`
4. In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running

Go to Applications→ Application types →WebSphere enterprise applications →

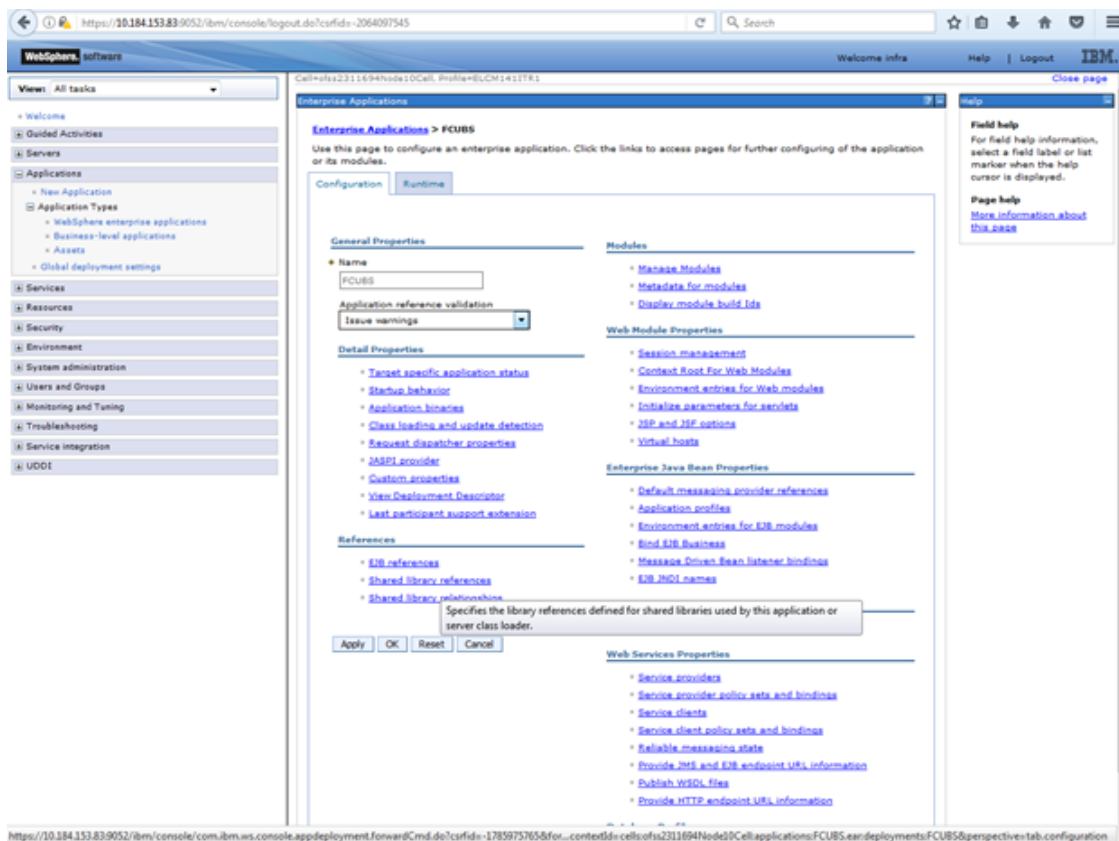
Click on the resource where the adapter to be added (here it is FCUBS)



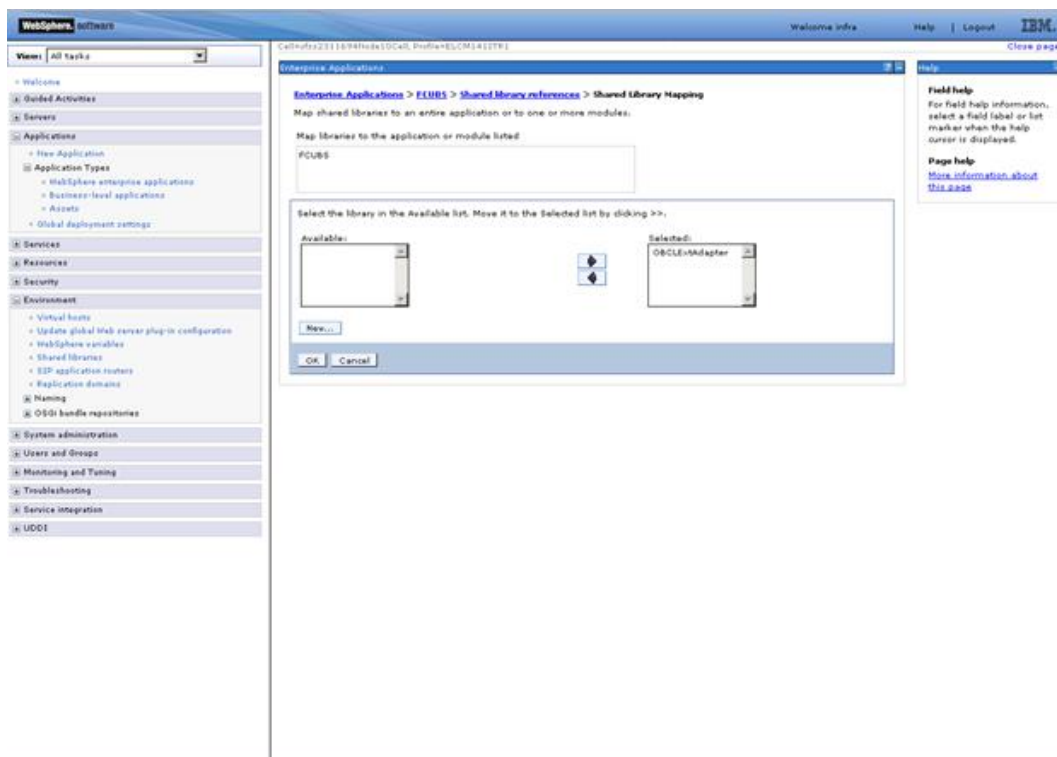
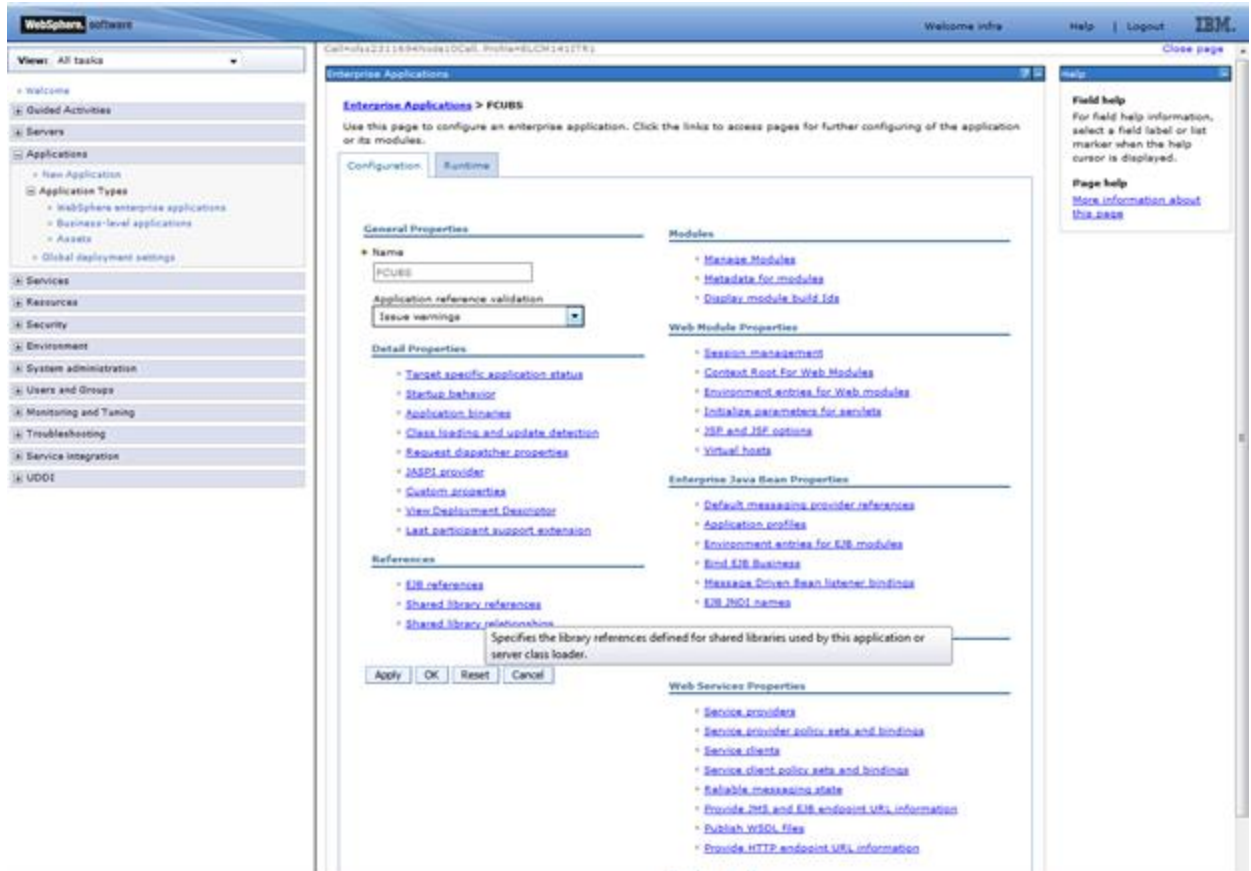
It will open configuration page of FCUBS. Click on Reference > shared library reference



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.



Click ok

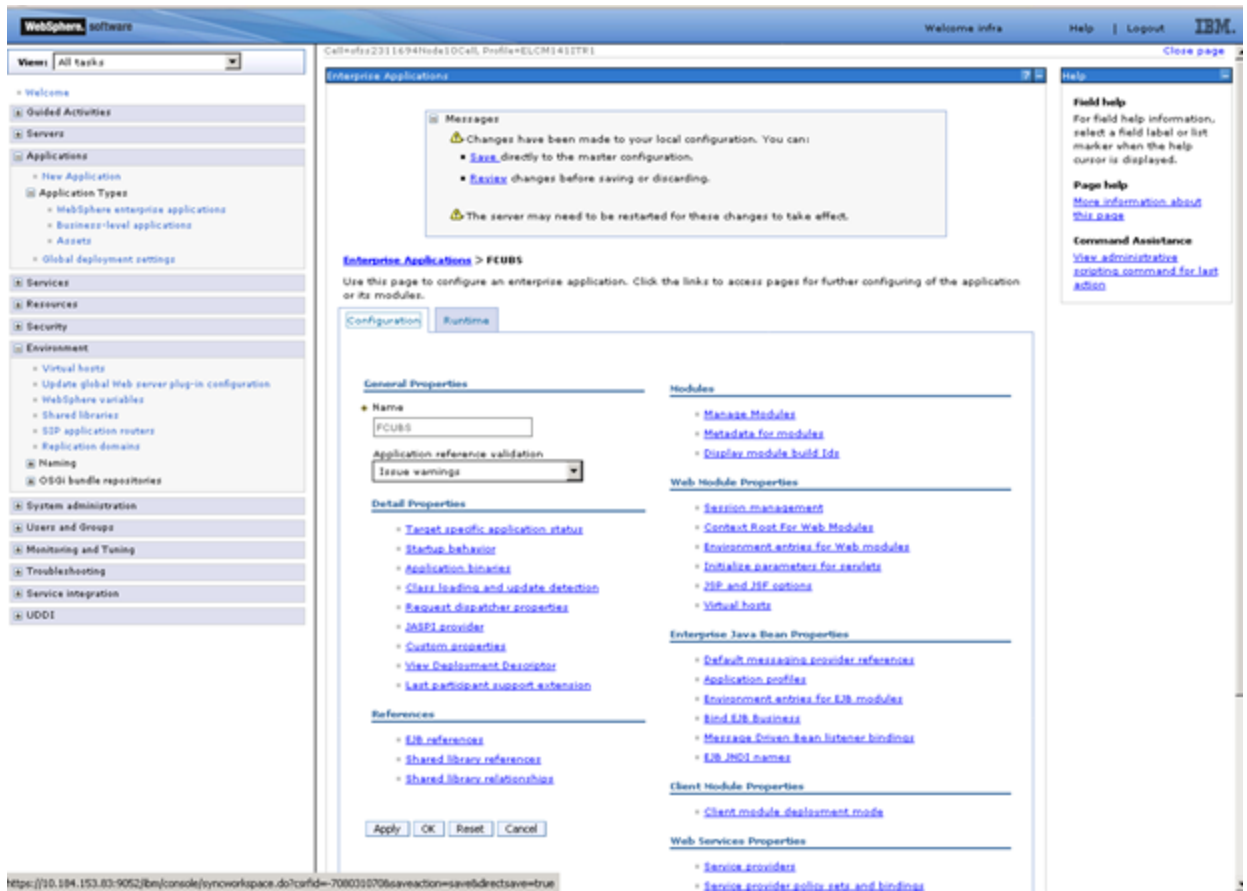
The screenshot shows the IBM WebSphere software interface. The top navigation bar includes 'WebSphere software', 'Welcome info', 'Help', 'Logout', and the IBM logo. The left sidebar contains a 'Views' dropdown set to 'All tasks' and a tree of navigation items: Welcome, Guided Activities, Servers, Applications (with sub-items like New Application, Application Types, WebSphere enterprise applications, Business-level applications, Assets, and Global deployment settings), Services, Resources, Security, Environment (with sub-items like Virtual hosts, Update global Web server plug-in configuration, WebSphere variables, Shared libraries, SSP application routers, and Replication domains), Naming, OSGi bundle repositories, System administration, Users and Groups, Monitoring and Tuning, Troubleshooting, Service integration, and UDDI.

The main content area is titled 'Enterprise Applications > FCUBS > Shared library references'. Below this, it says 'Shared Library Mapping for Modules' and 'Specify shared libraries that the application or individual modules reference. These libraries must be defined in the configuration at the appropriate scope.' There is a 'Reference shared libraries' button. Below this is a table with three columns: 'Selected', 'Application', and 'URI'. The table contains four rows of data:

Selected	Application	URI	Shared Libraries
☐	FCUBS	META-INF/application.xml	OBCLExAdapter
☐	Module	URI	Shared Libraries
☐	FlexCubeCorporate	FCNeoWeb.var,WEB-INF/web.xml	
☐	Enterprise Limits Gateway	ELCMWeb.var,WEB-INF/web.xml	
☐	Security Management Gateway	SMWeb.var,WEB-INF/web.xml	

At the bottom of the table are 'OK' and 'Cancel' buttons. On the right side of the interface, there is a 'Help' section with 'Field help' and 'Page help' links.

Click save and restart the Application server .



1.2.4 OBTR Scheduler Application Deployment

To deploy Oracle Banking Treasury Management application on WebSphere application server, follow the steps given below:

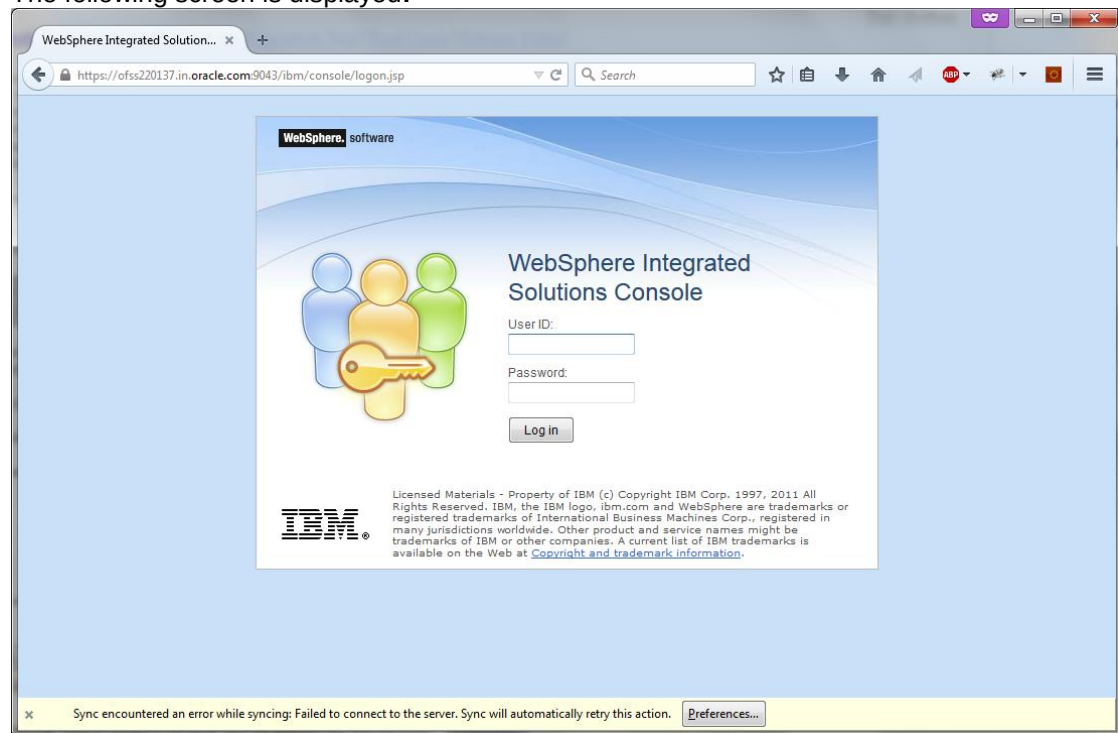
1. Open the Administrative Console of WebSphere server:

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

Eg: <https://10.10.10.10:1010/console>

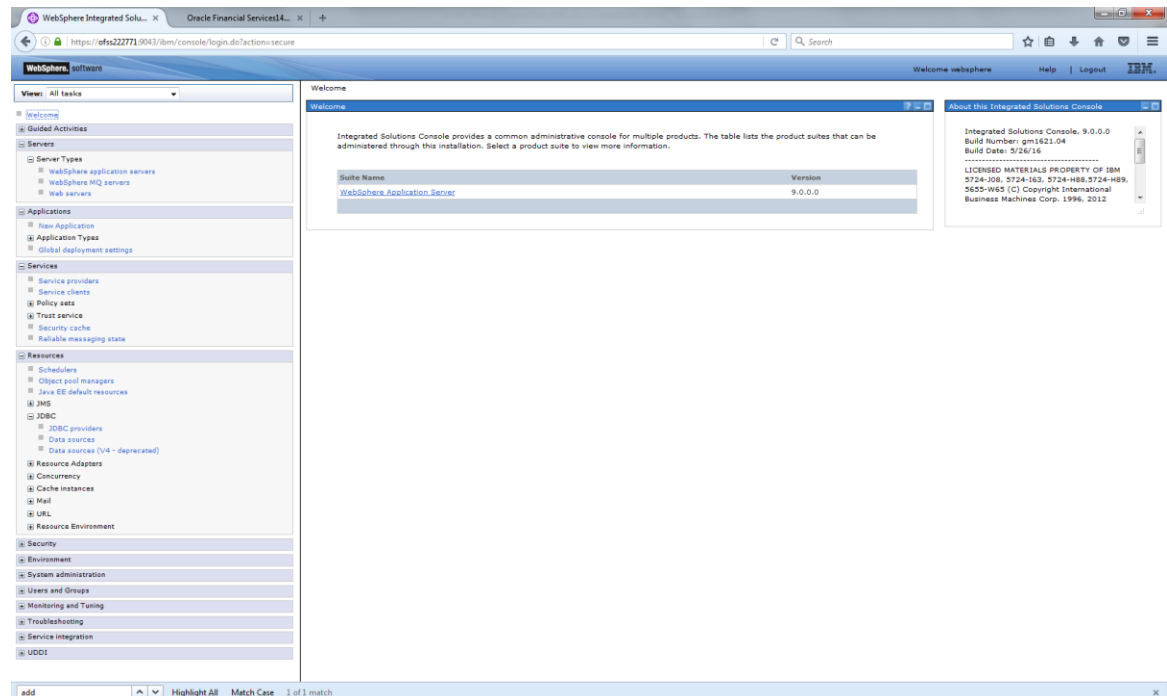
In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running.

The following screen is displayed:



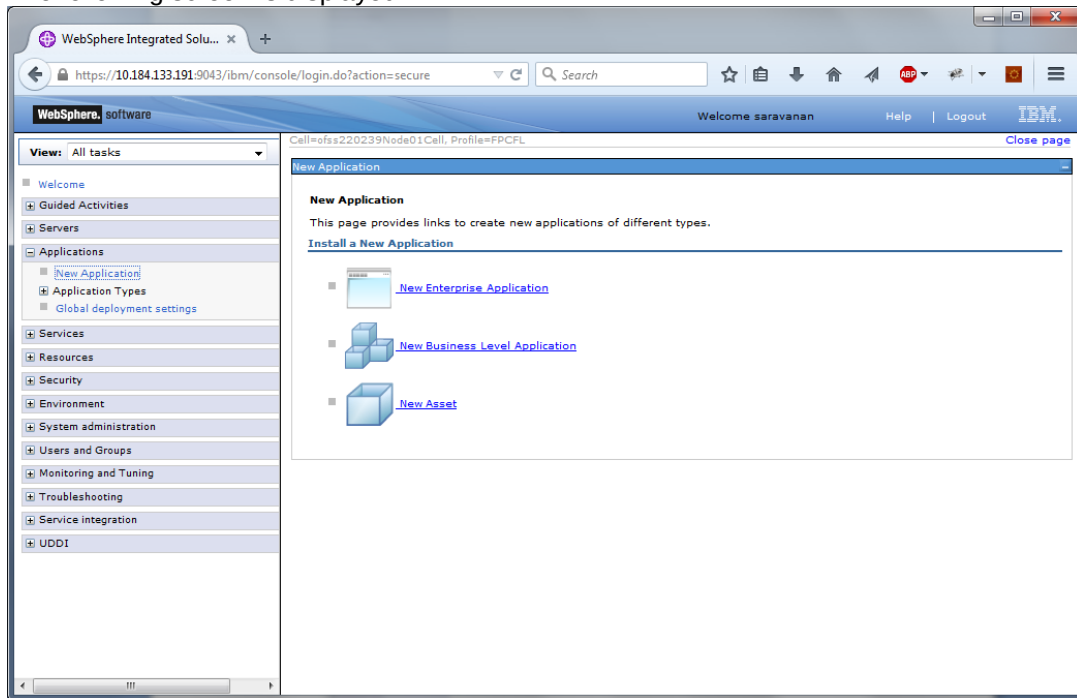
2. Enter the user name and password and click 'Log In' to log in to the application server.
3. Navigate to the WebSphere Home Page.

The following screen is displayed.

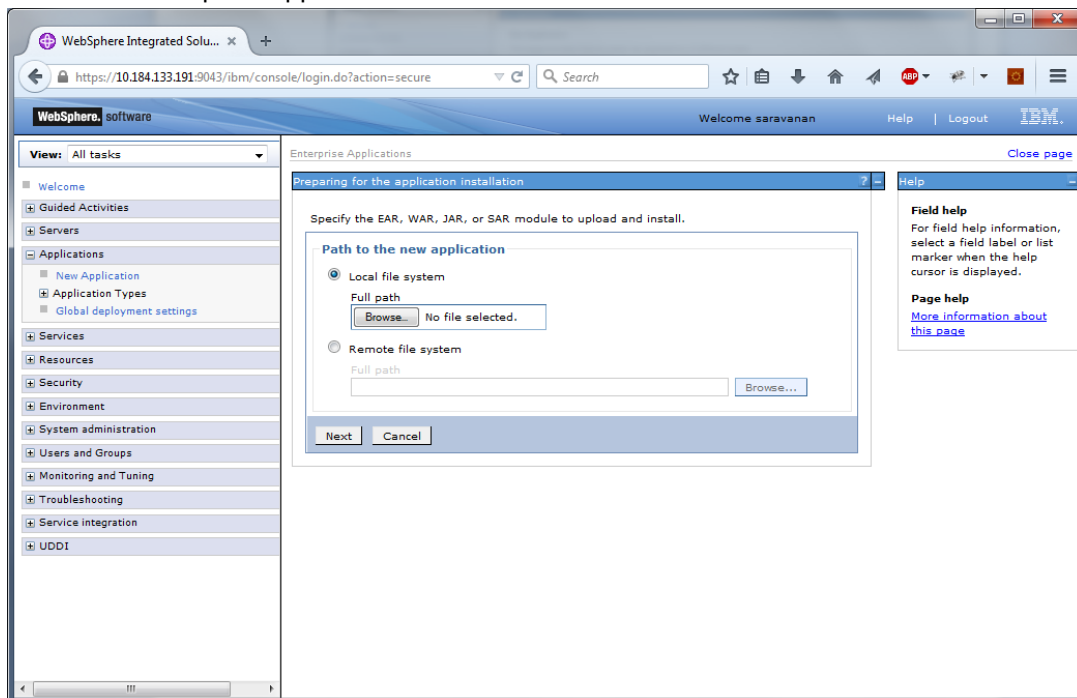


4. Expand Applications from left-side menu and Click 'New Application'.

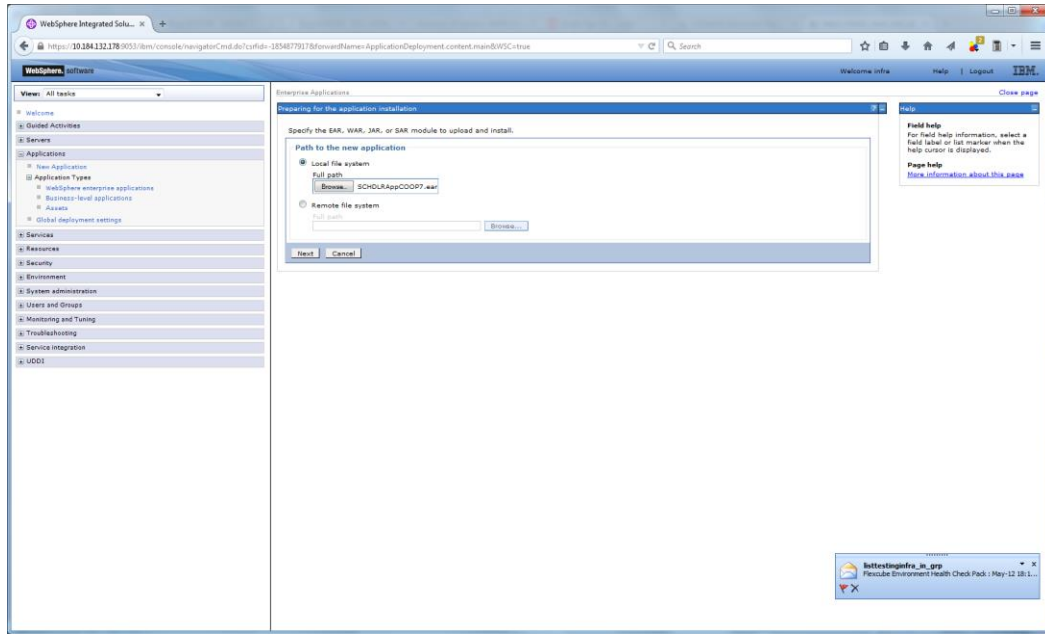
The following screen is displayed.



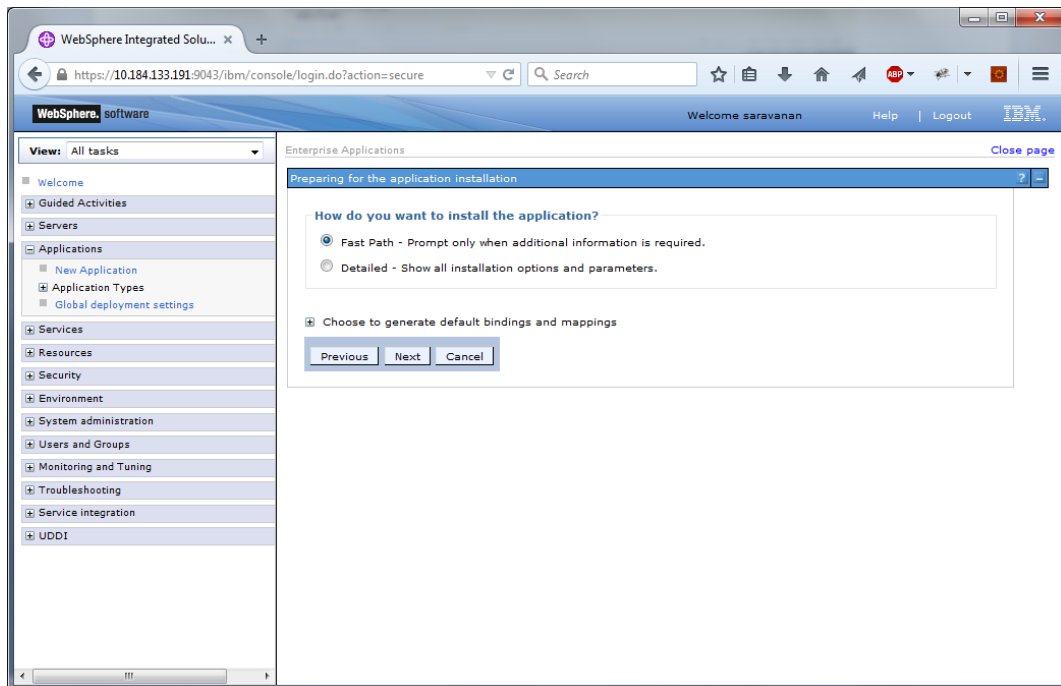
5. Click 'New Enterprise Application'.



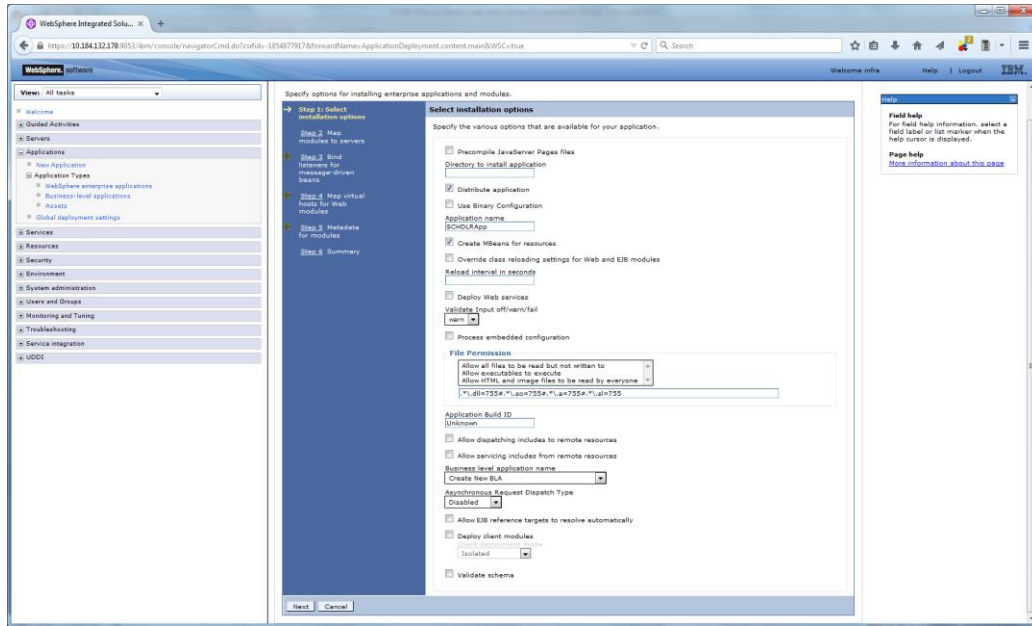
6. Browse the application EAR file and click next button



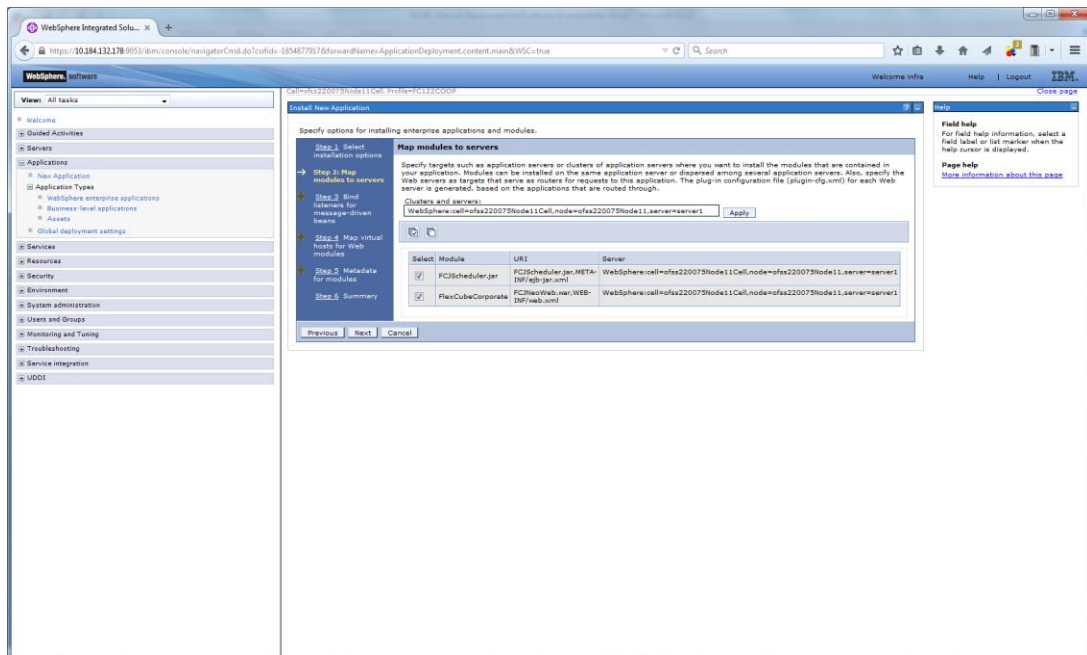
The following screen is displayed.



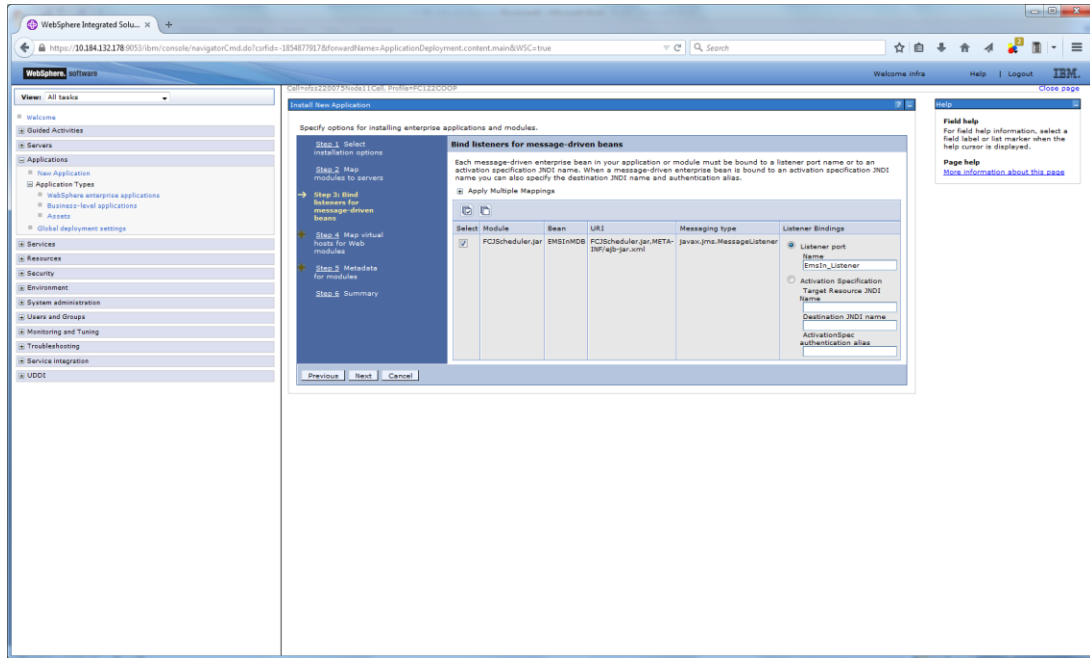
7. Click 'Next'. The following screen is displayed.



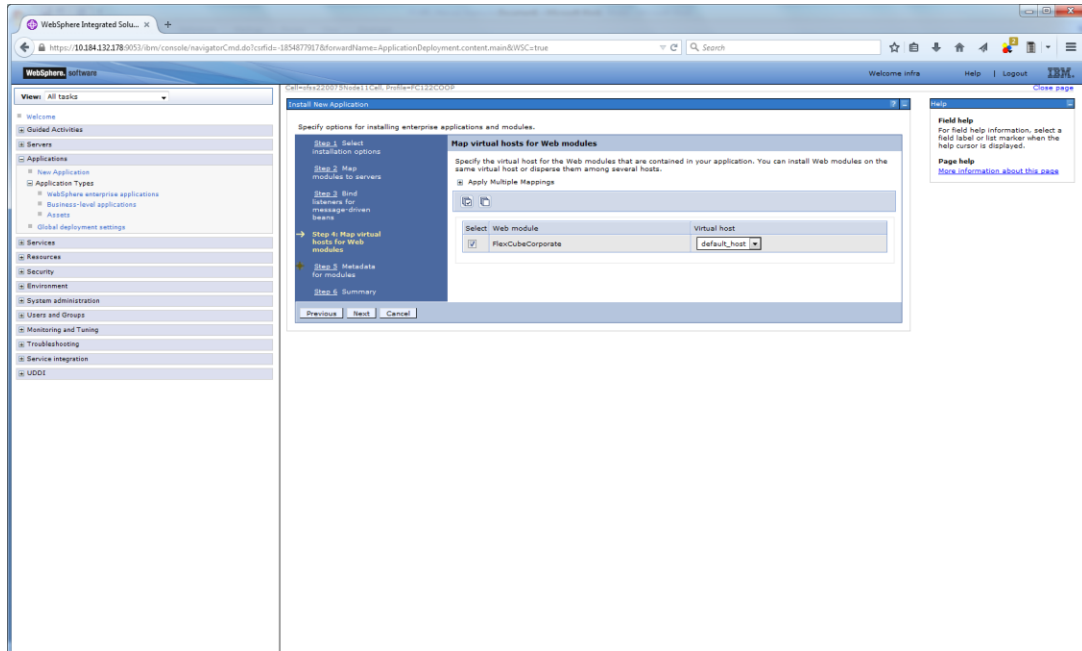
8. Enter the Application Name. This should be the application name mentioned as part of EAR building.



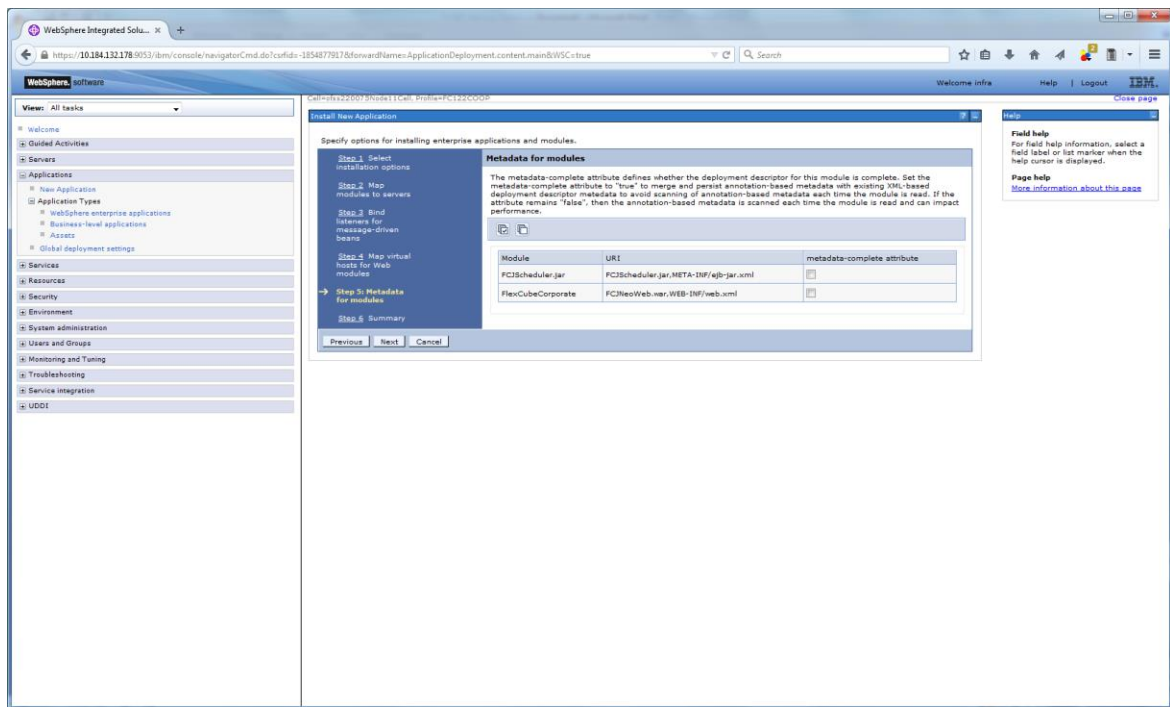
9. Check all the options. Click 'Next'. The following screen is displayed.



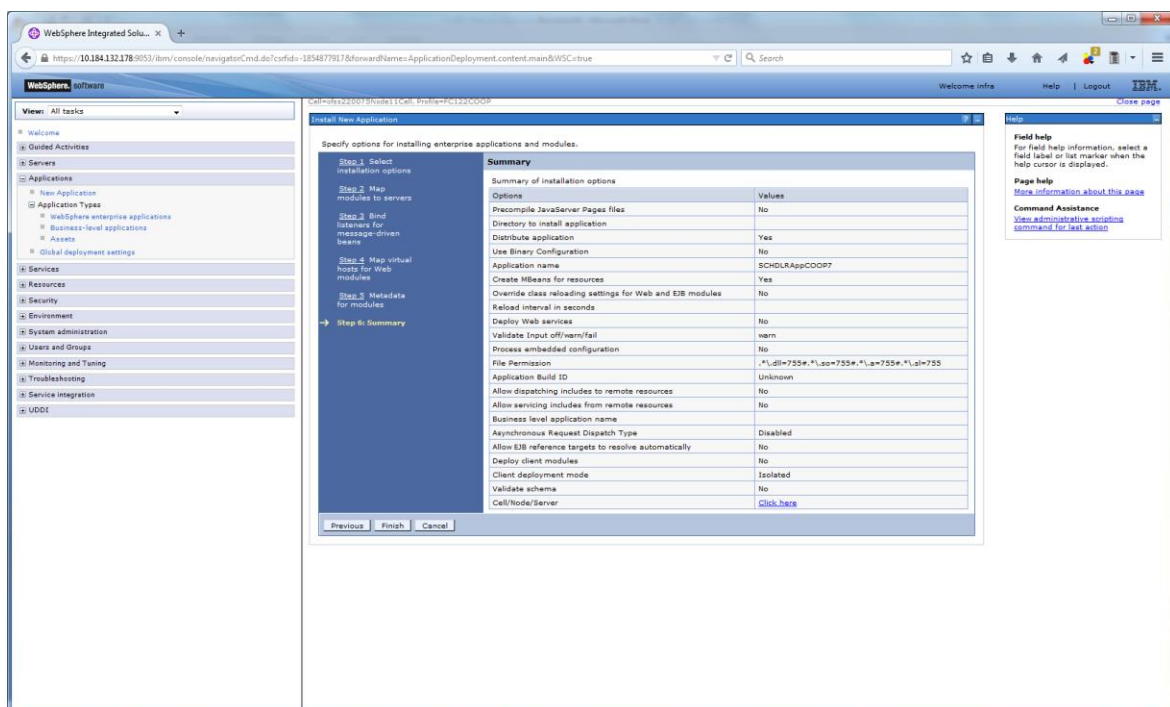
10. Specify the details as shown in the figure.



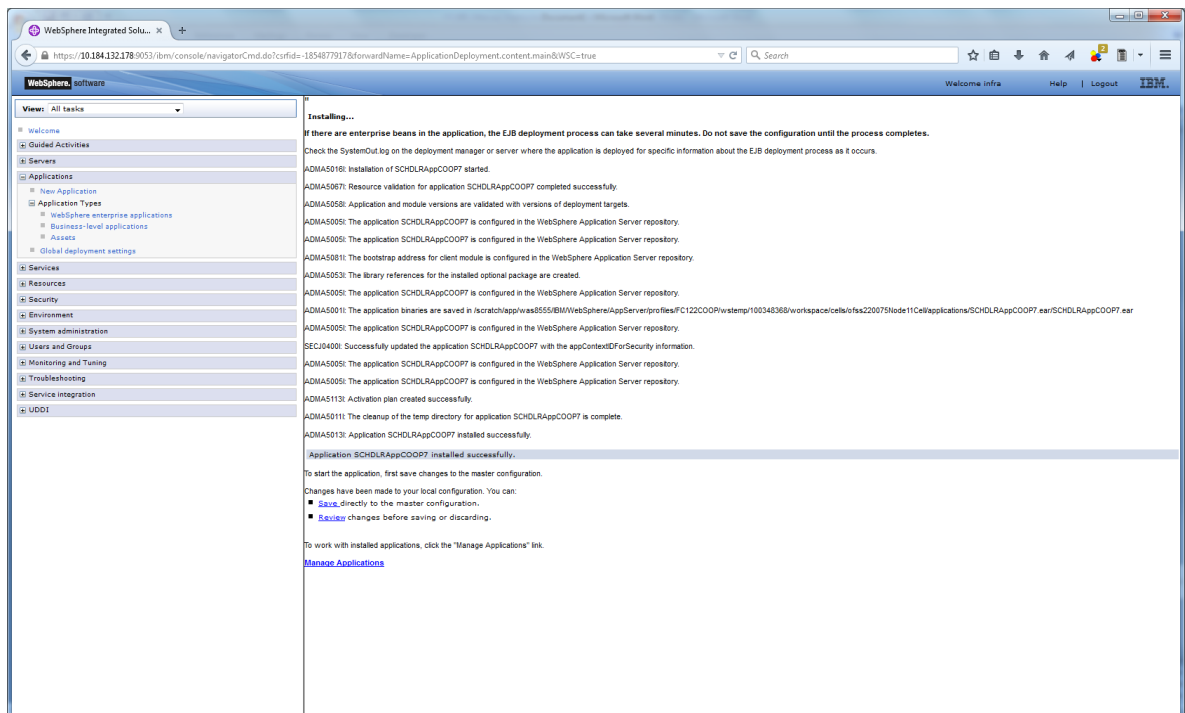
11. Click 'Next'. The following screen is displayed.



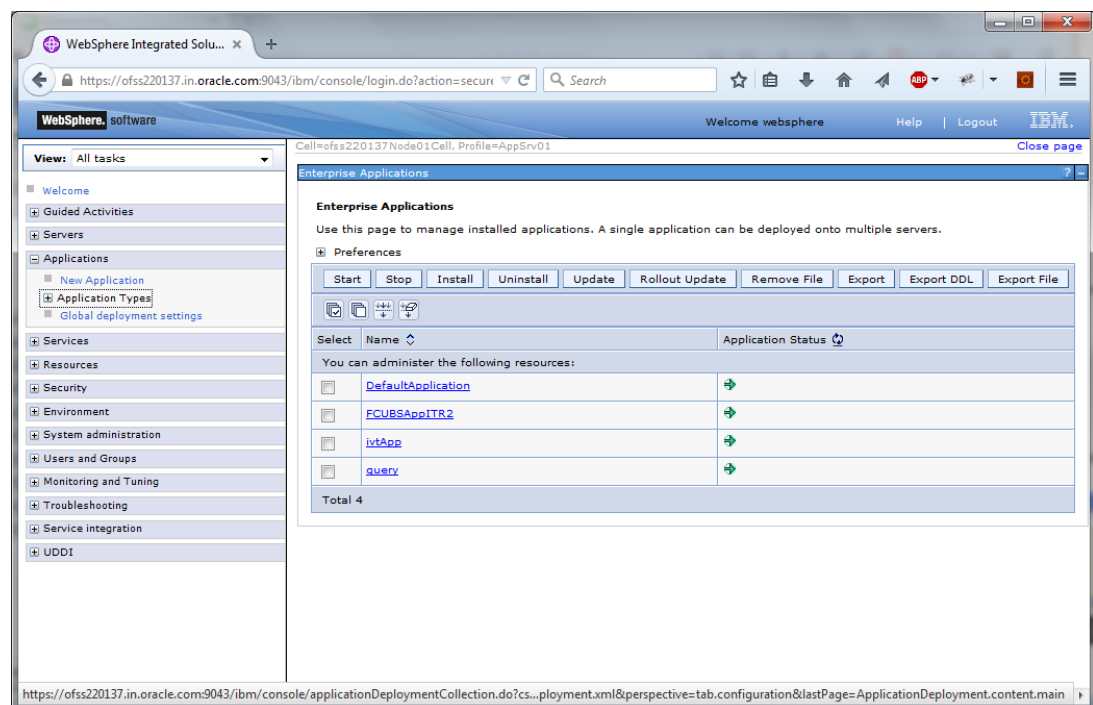
12. Click 'Next'. The following screen is displayed.



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

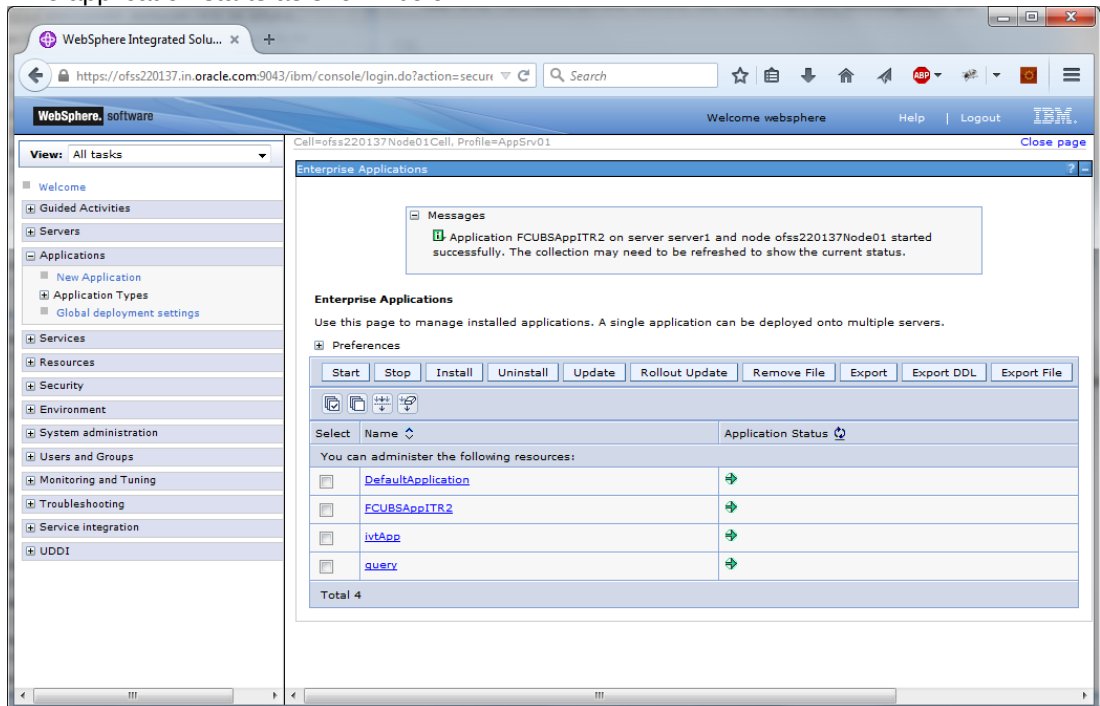


Click 'Save'. The following screen is displayed.



14. Select the application and click 'Start'.

The application starts as shown below:



1.2.5 OBTR GWEJB Application Deployment

To deploy Oracle Banking Treasury Management application on WebSphere application server, follow the steps given below:

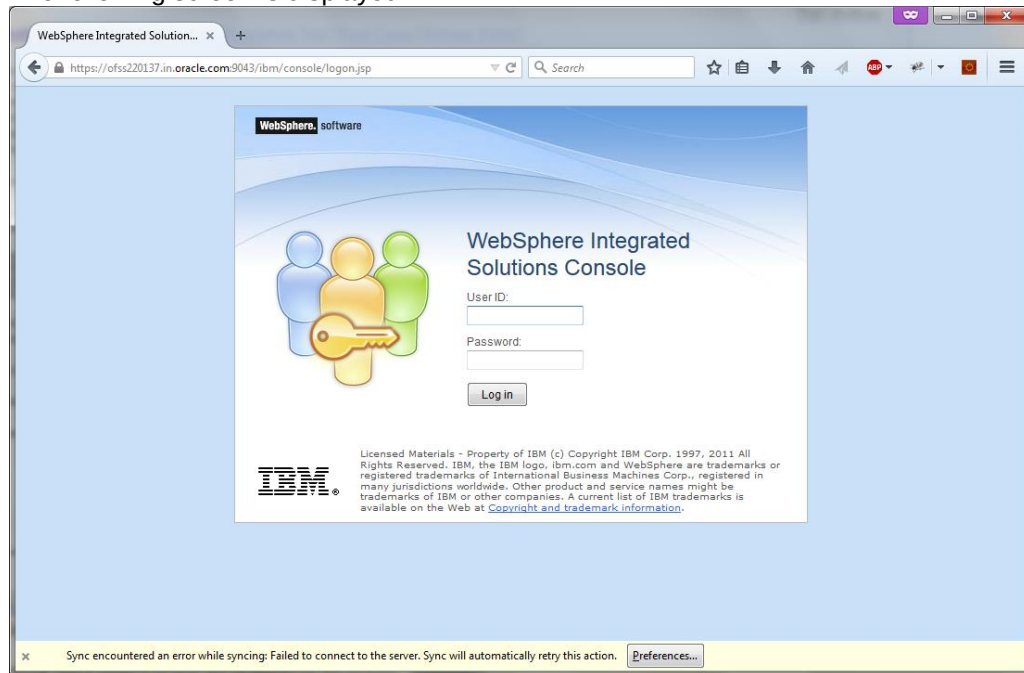
1. Open the Administrative Console of WebSphere server:

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.

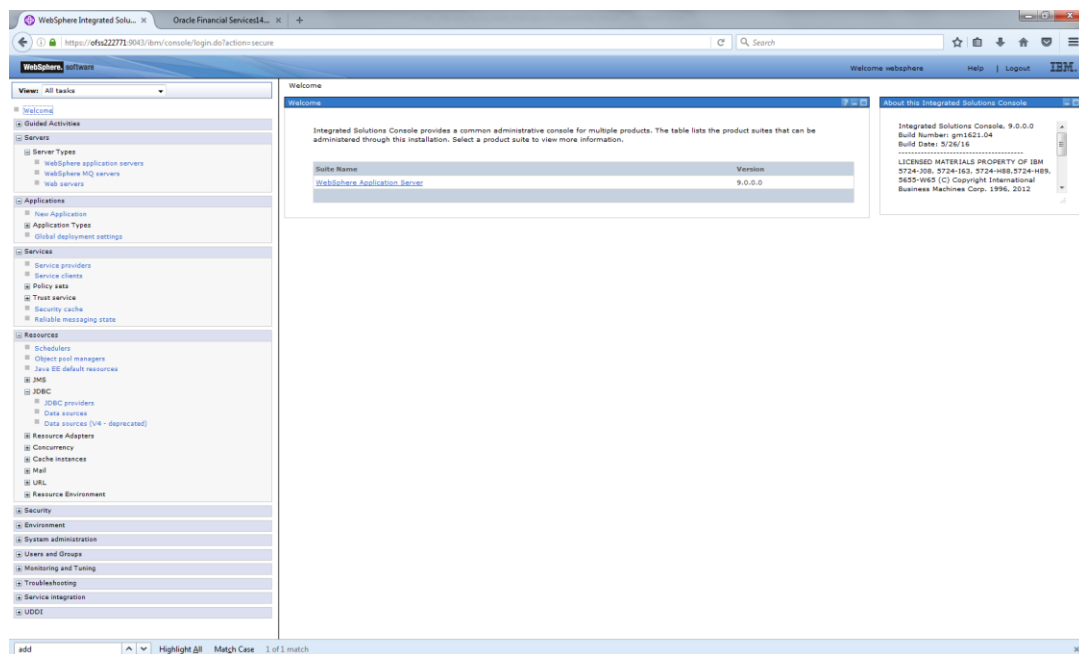
The following screen is displayed:



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

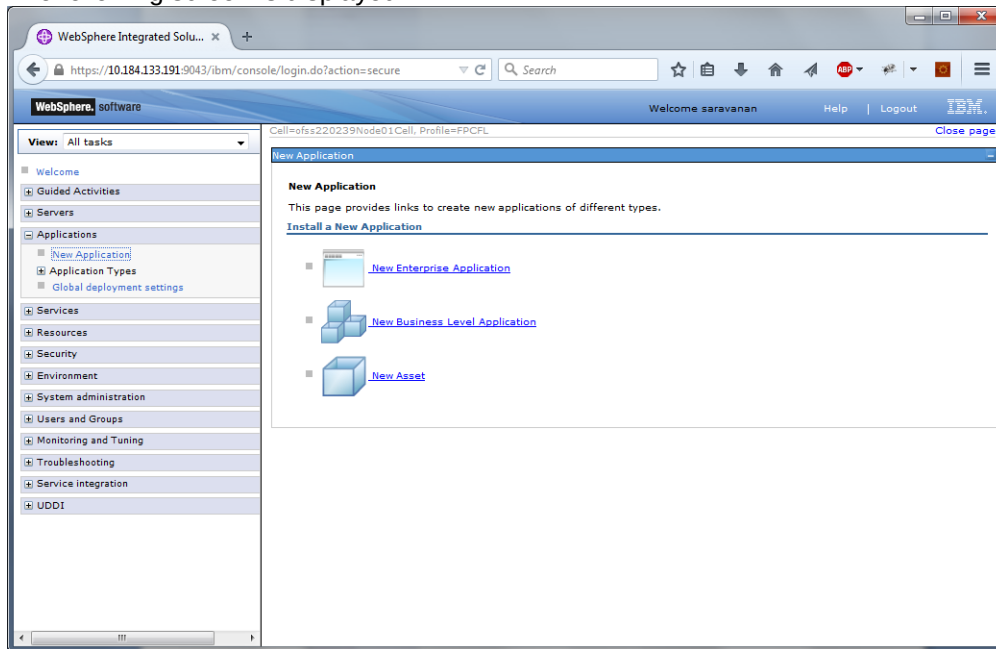
3. Navigate to the WebSphere Home Page.

The following screen is displayed.

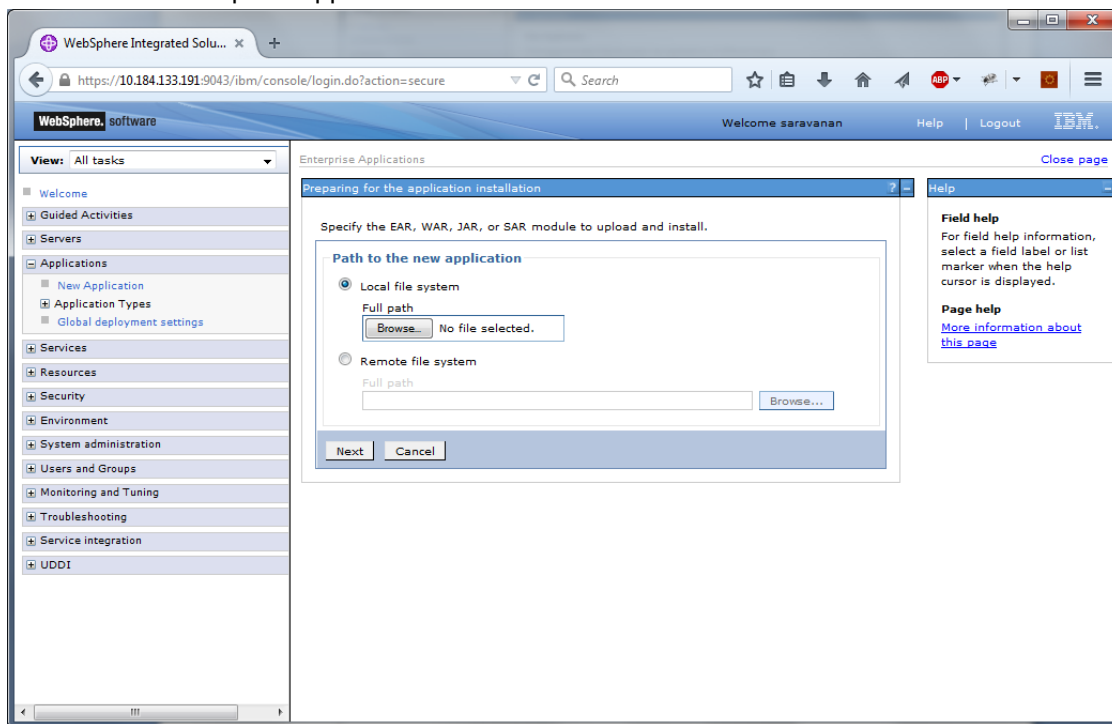


4. Expand Applications from left-side menu and Click 'New Application'.

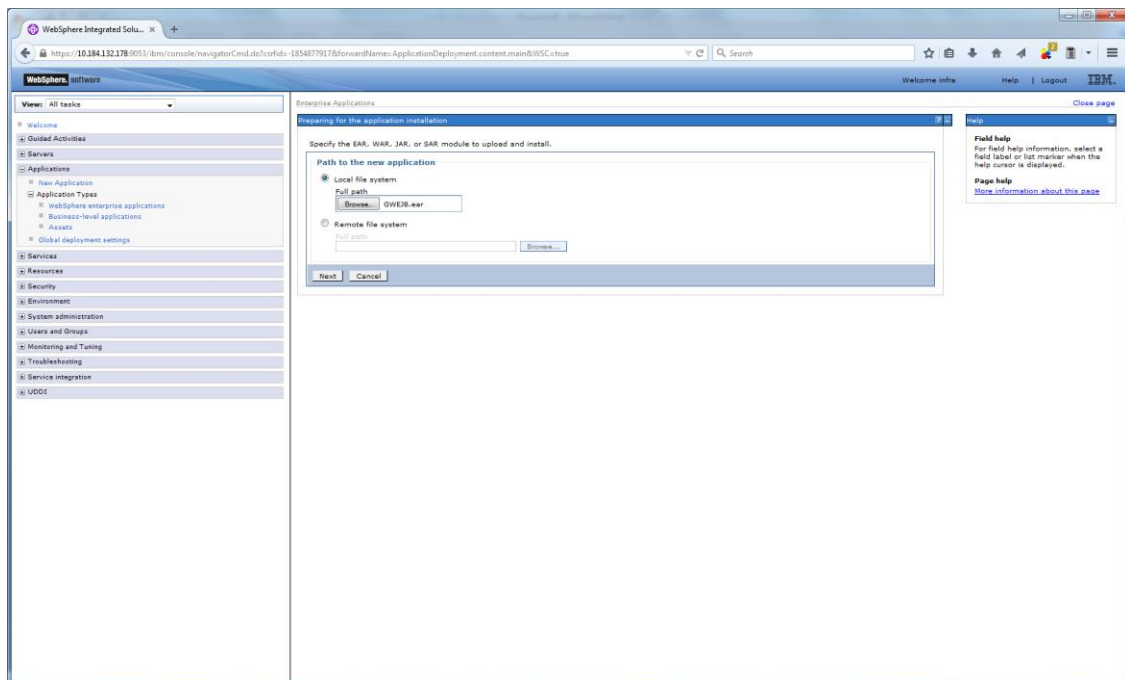
The following screen is displayed.



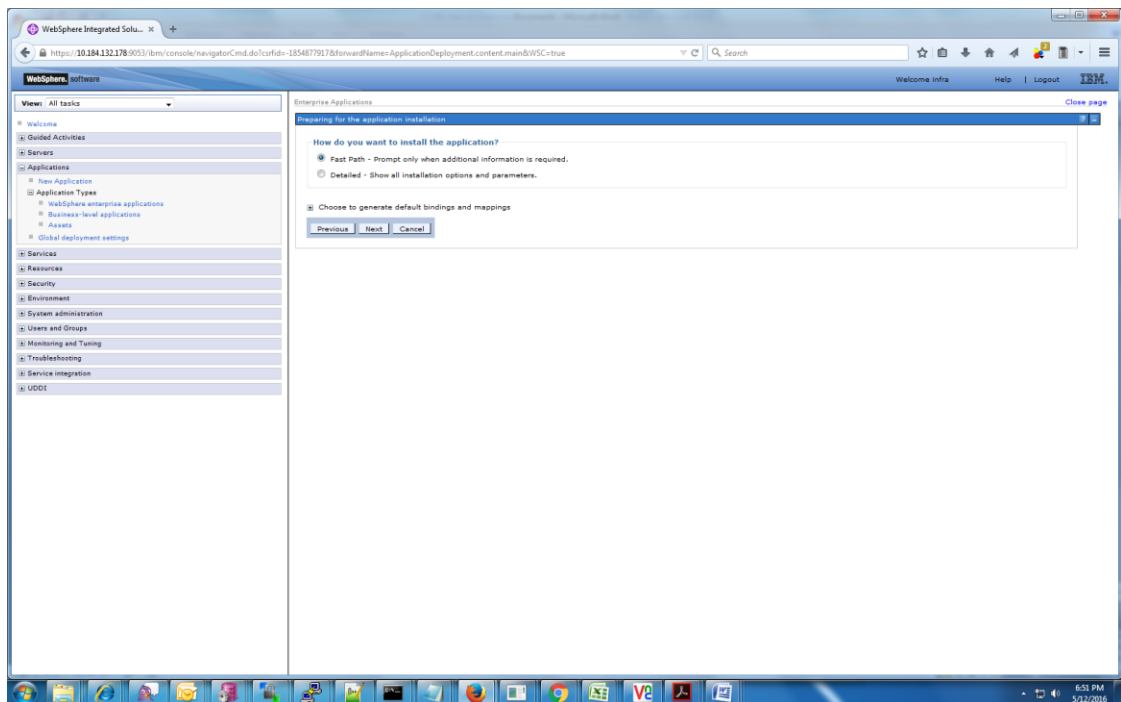
5. Click 'New Enterprise Application'.



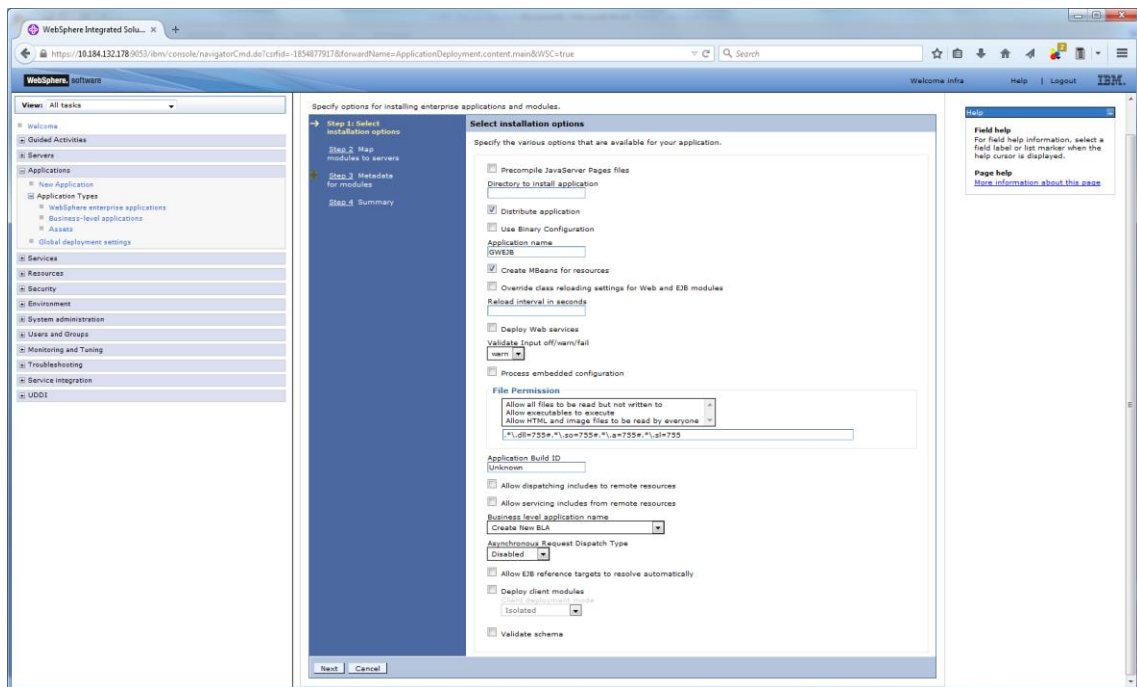
6. Browse the application EAR file and click next button



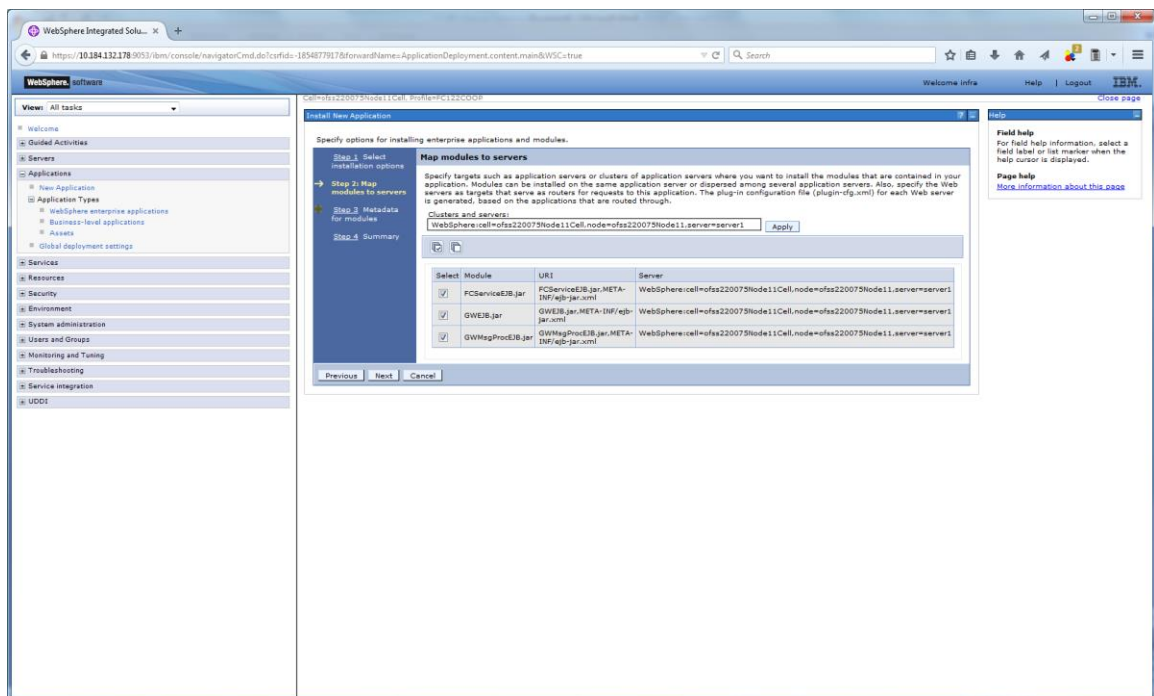
7. Click Next and the following screen is displayed.



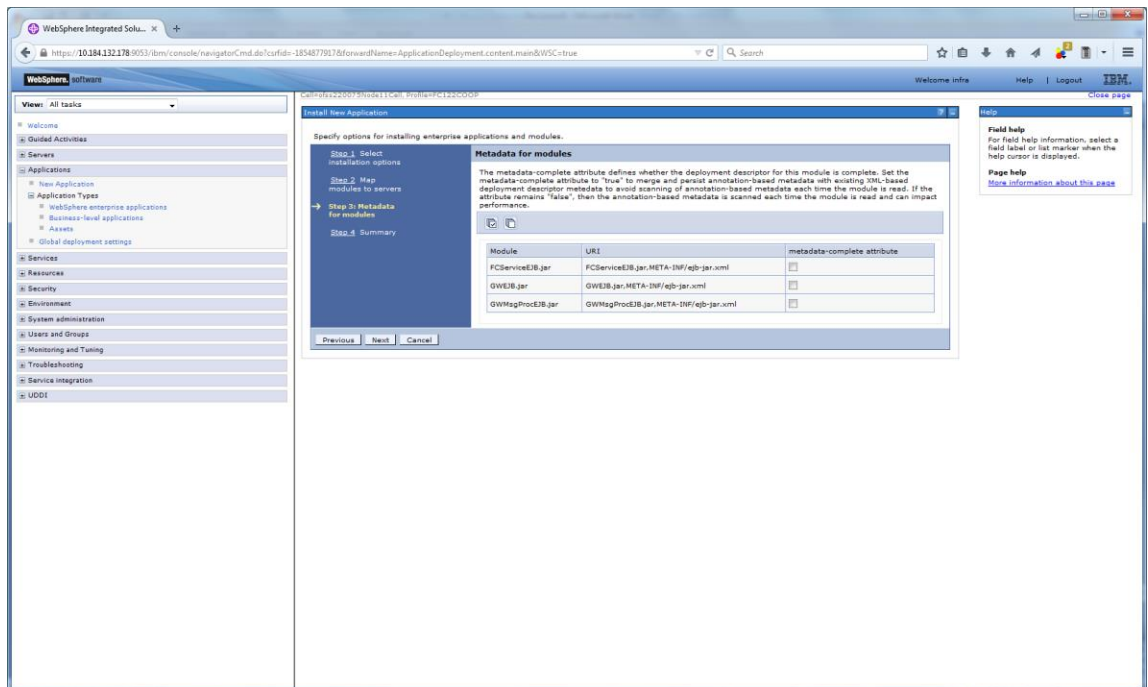
8. Click next and the following screen is displayed.



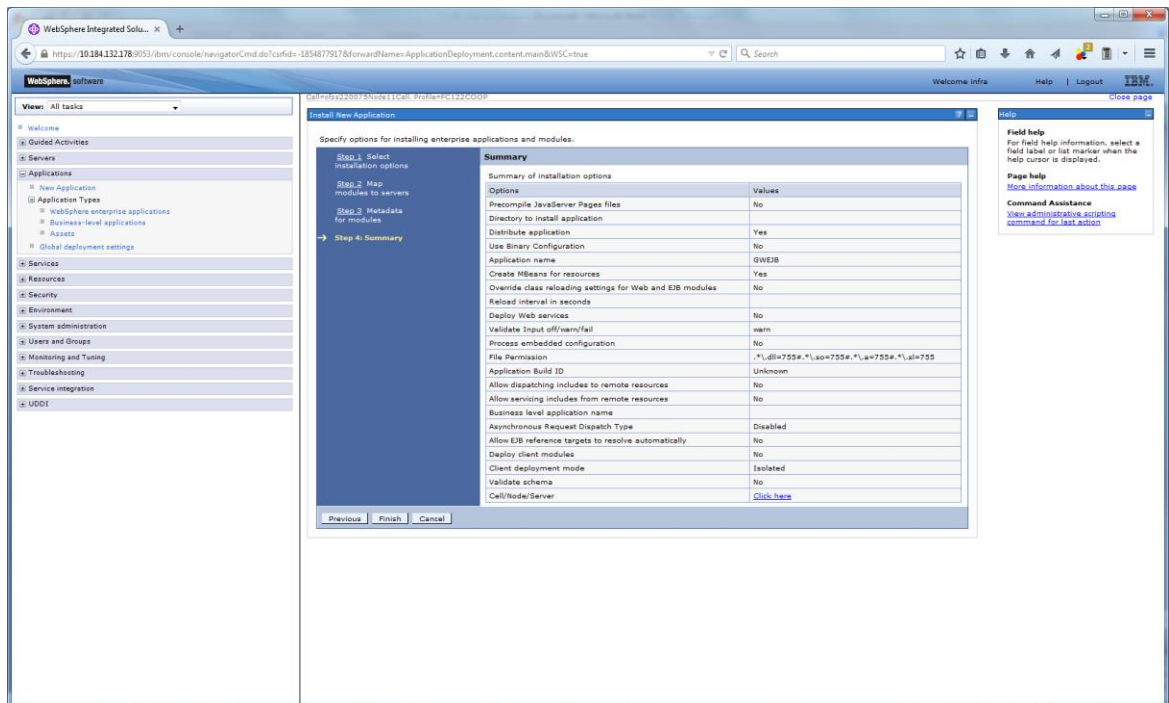
9. Click next and the following screen is displayed.



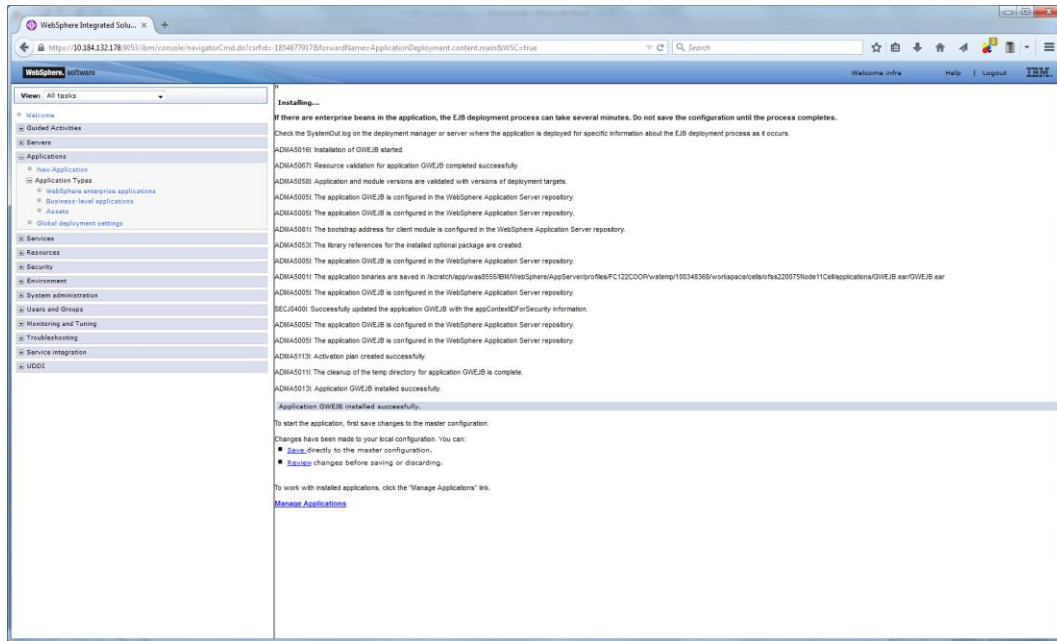
10. click next and the following Screen is displayed.



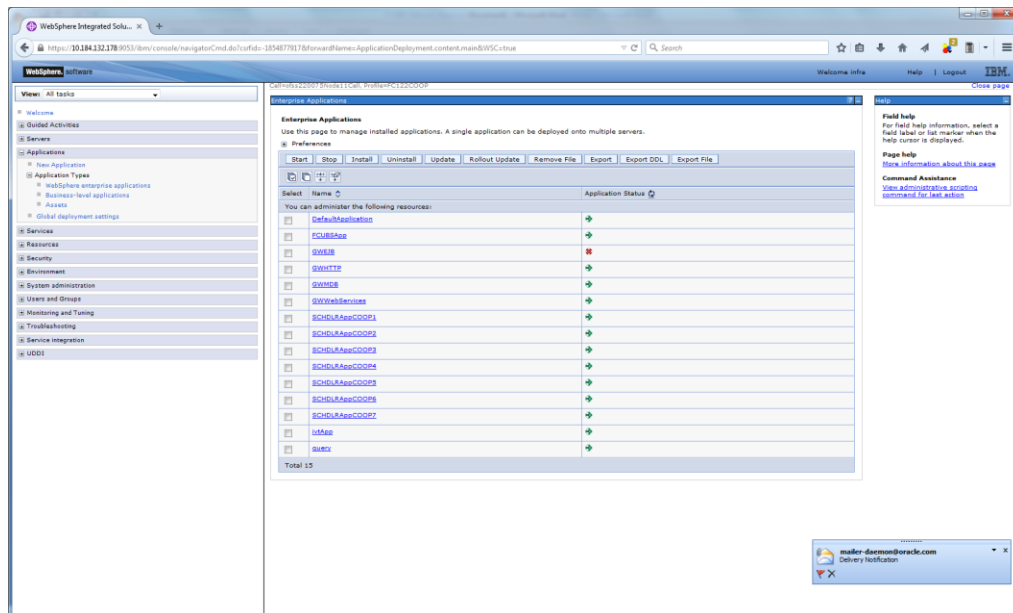
11. Click next and the following screen is displayed.



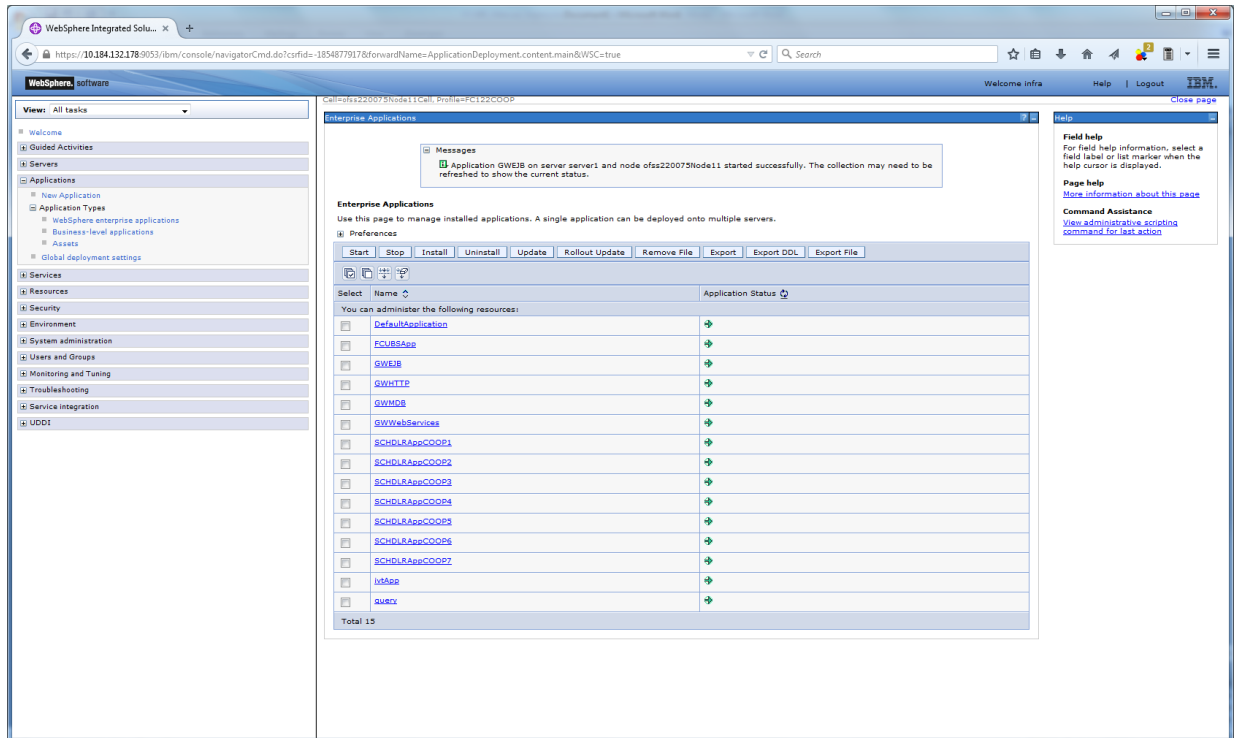
12. Click on finish and the following screen is displayed.



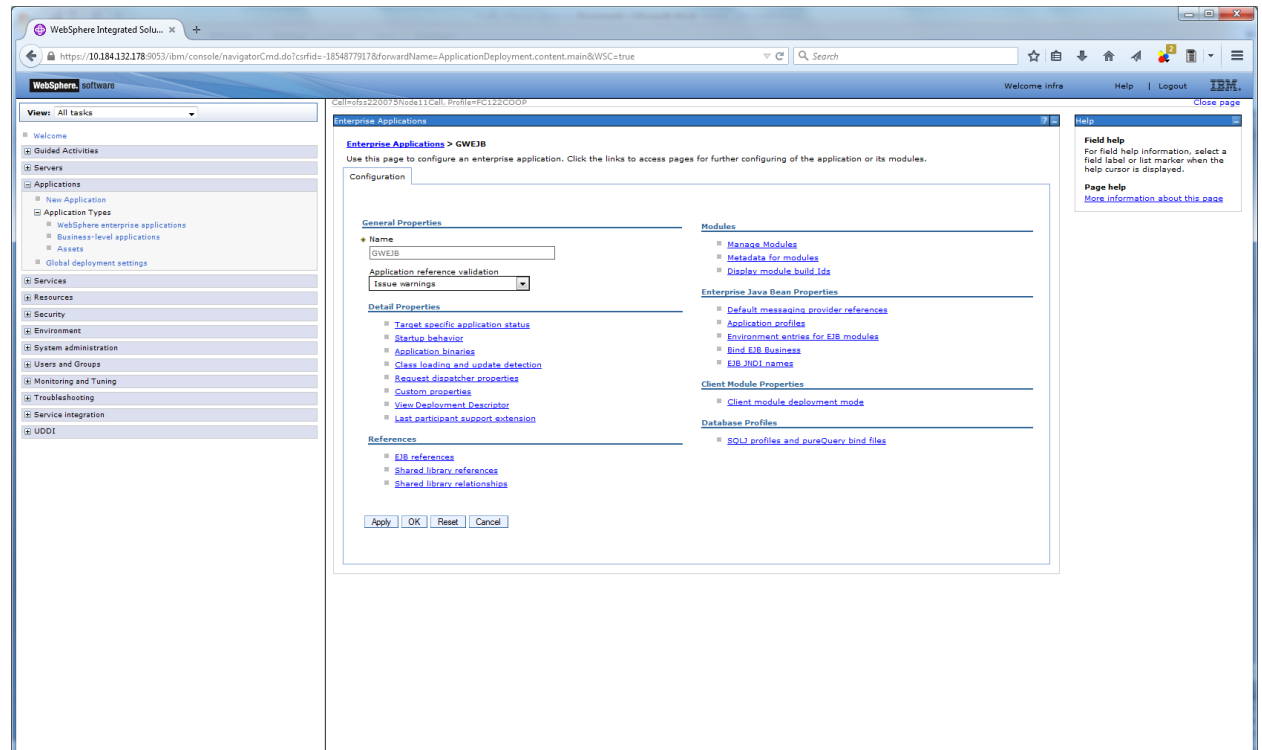
13. Click on save and the following screen is displayed.



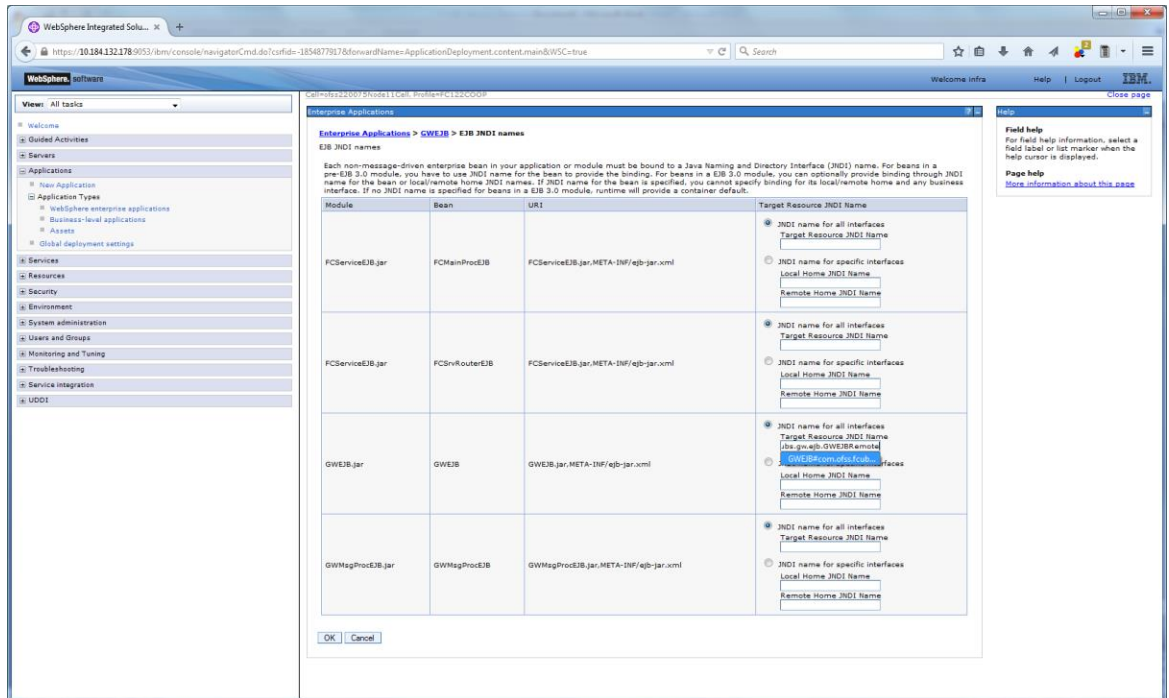
15. Select the deployed application and click on start



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

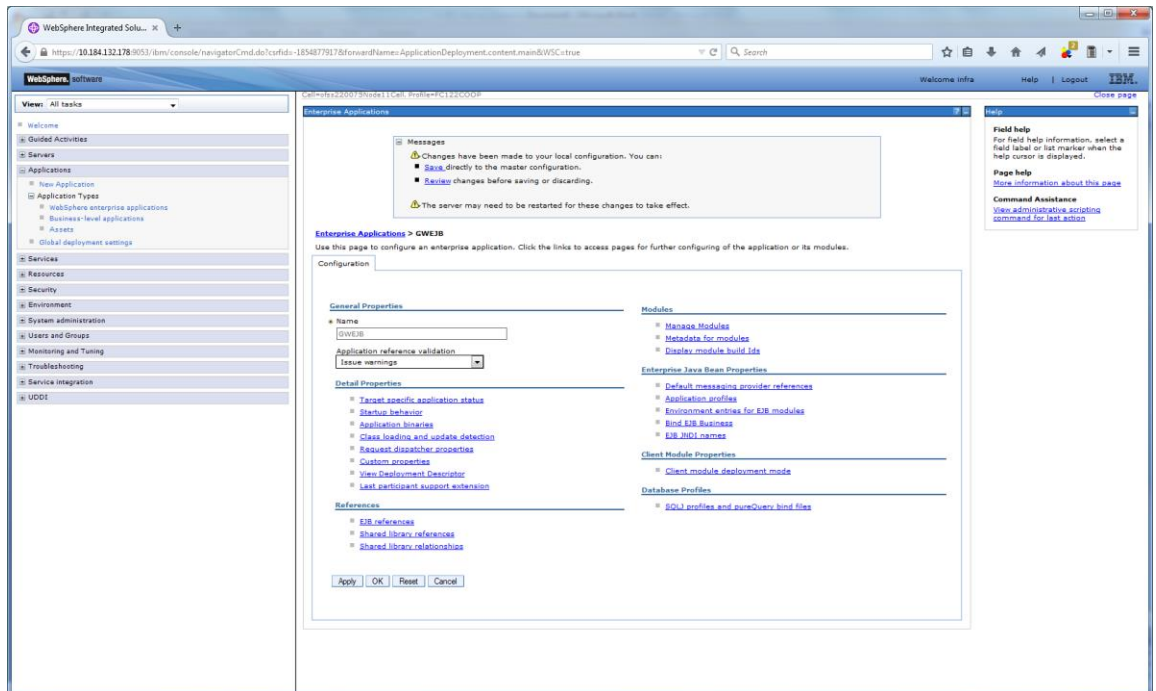


17. Click on EJB JNDI names and the following screen is displayed.



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.

1.2.6 OBTR GWMDB Application Deployment

To deploy Oracle Banking Treasury Management application on WebSphere application server, follow the steps given below:

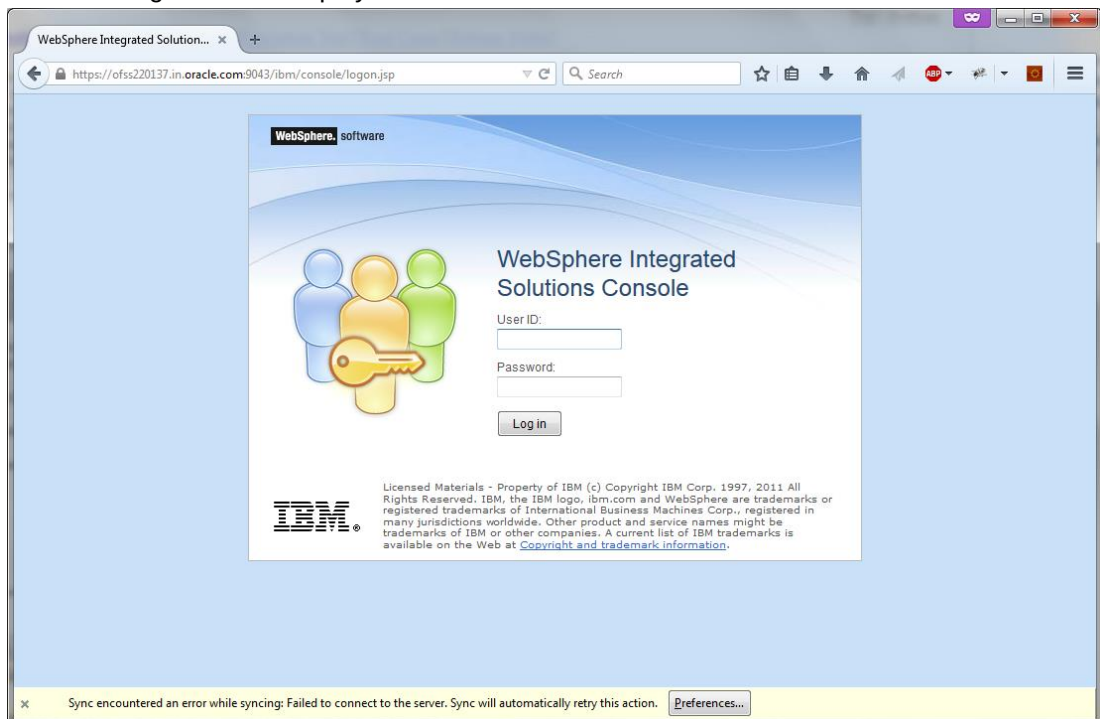
1. Open the Administrative Console of WebSphere server:

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

Eg: `https://10.10.10.10:1010/console`

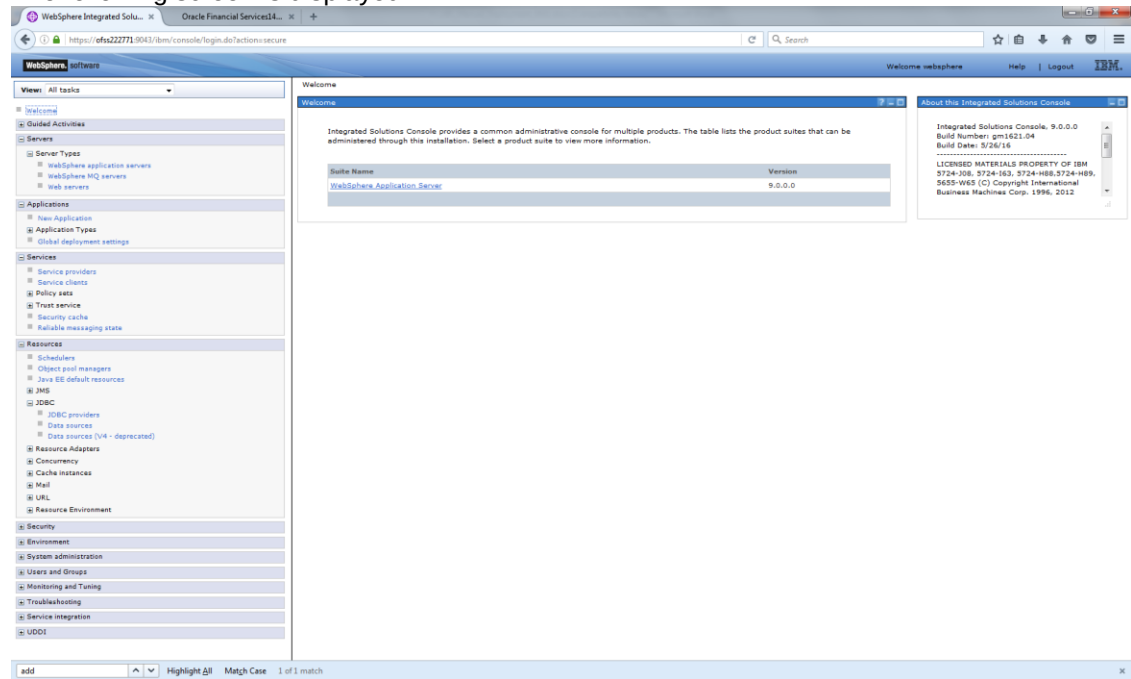
In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running.

The following screen is displayed:



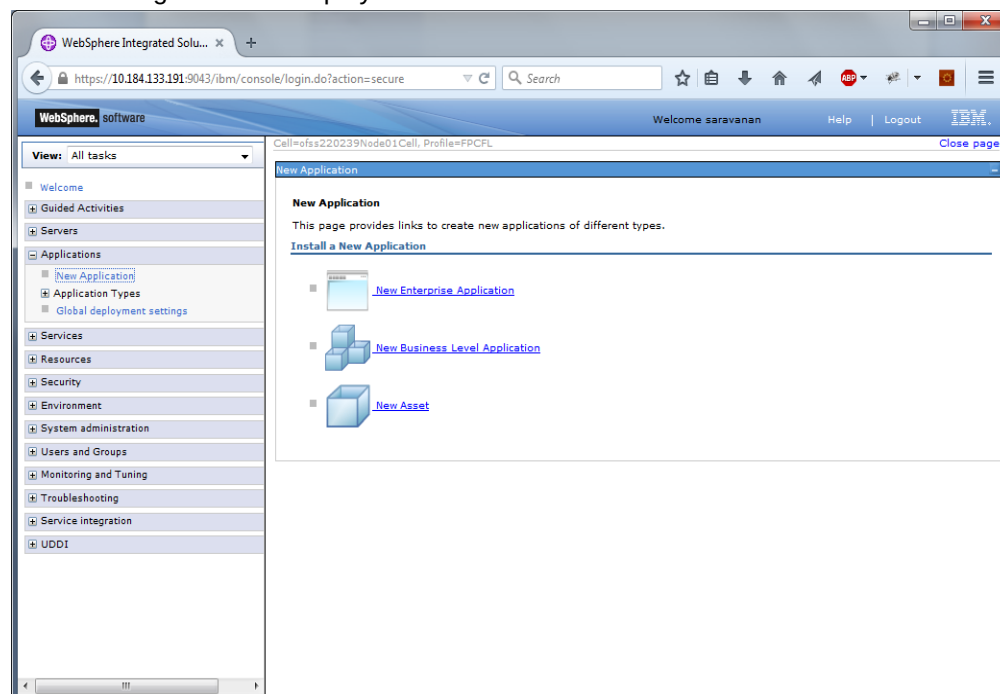
2. Enter the user name and password and click 'Log In' to log in to the application server.
3. Navigate to the WebSphere Home Page.

The following screen is displayed.

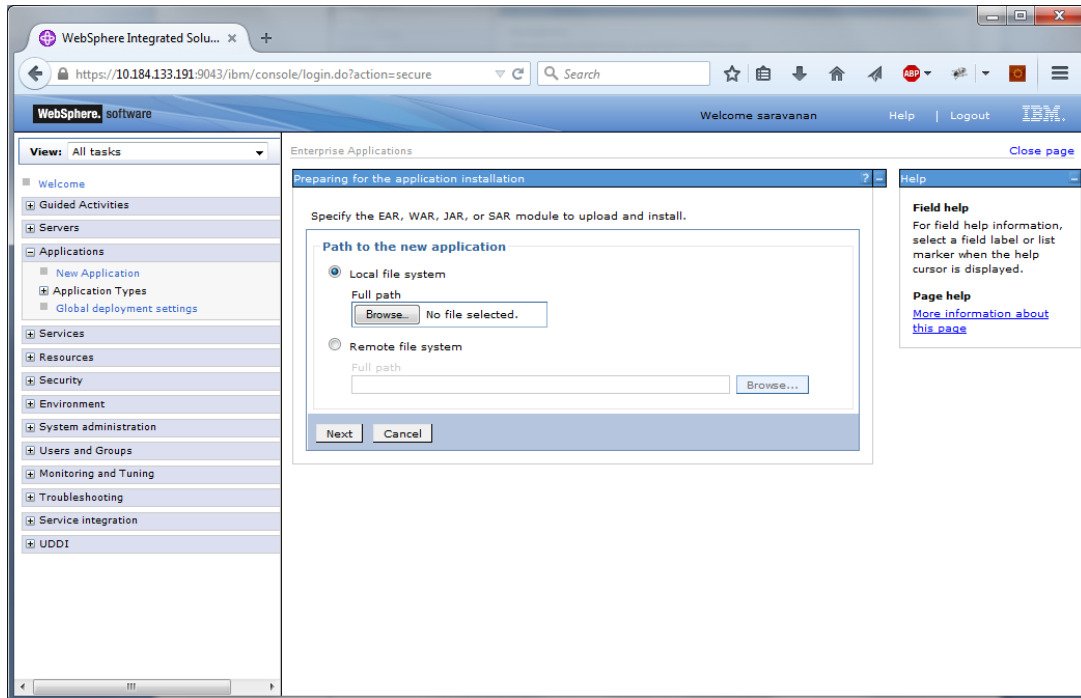


4. Expand Applications from left-side menu and Click 'New Application'.

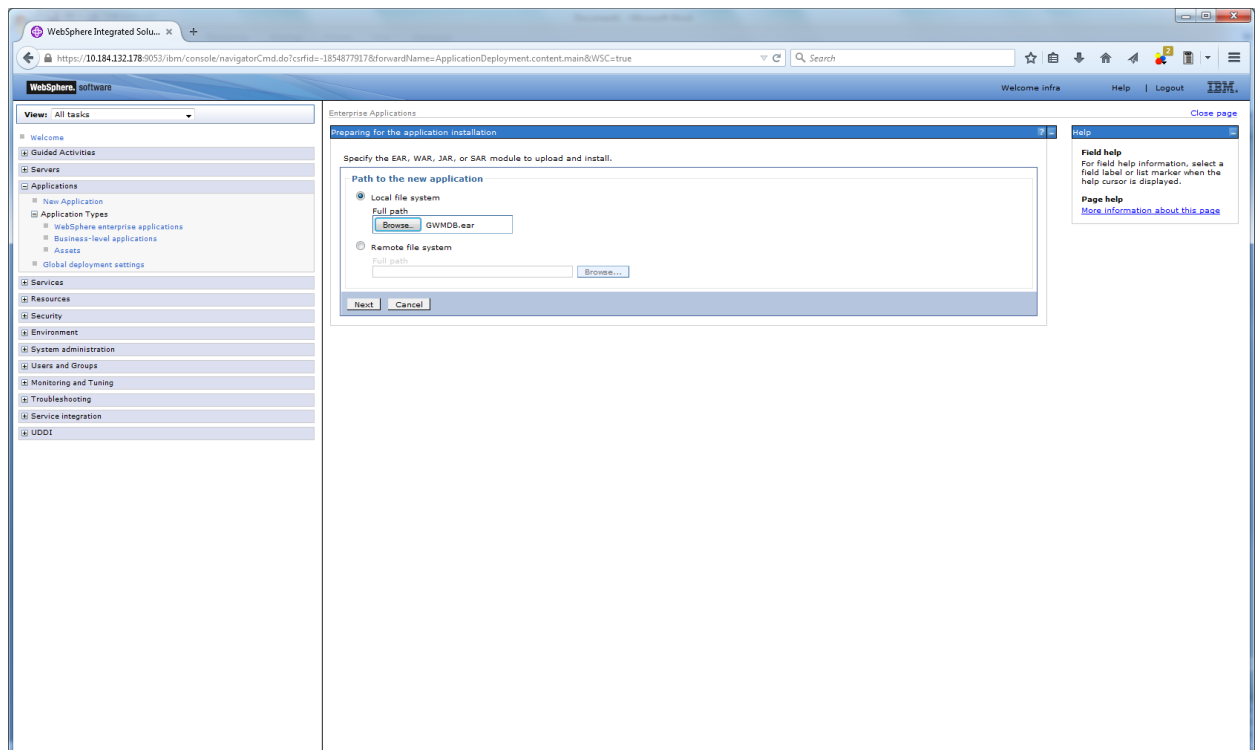
The following screen is displayed.



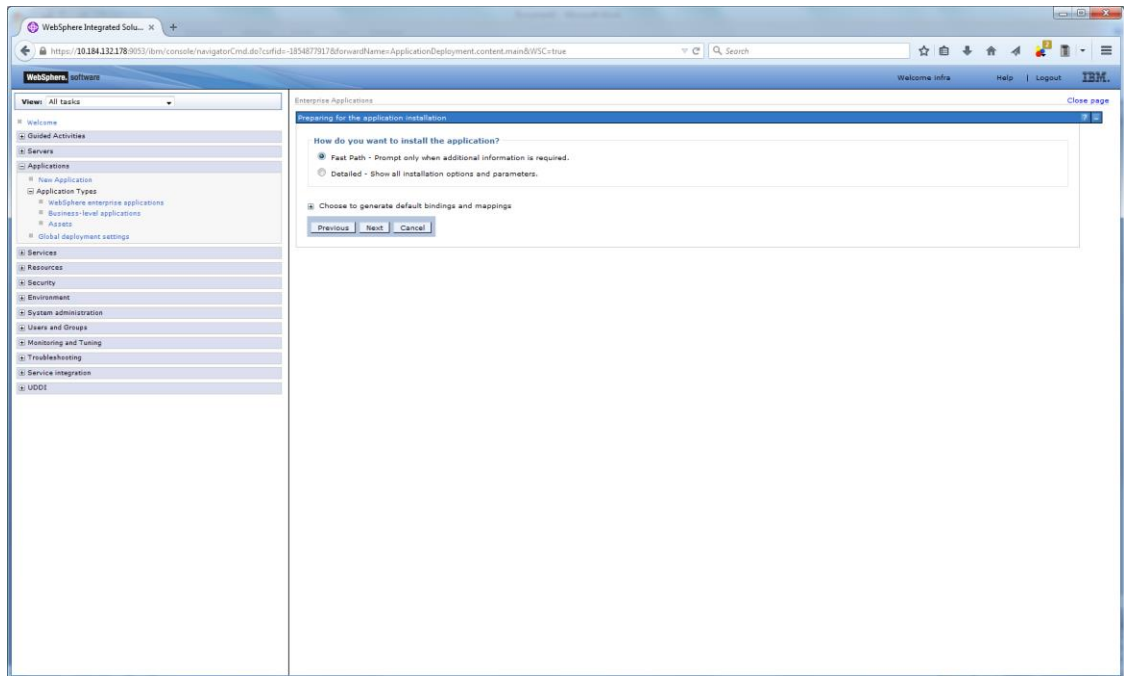
5. Click 'New Enterprise Application'.



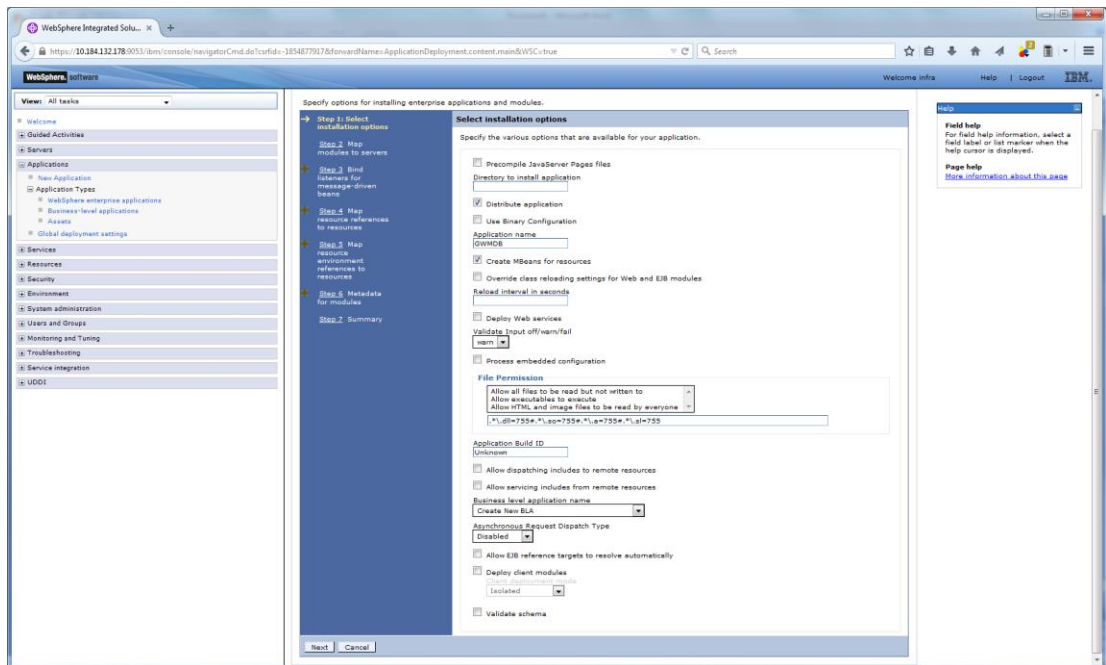
6. Click on Browse and select the MDB EAR and the following screen is displayed



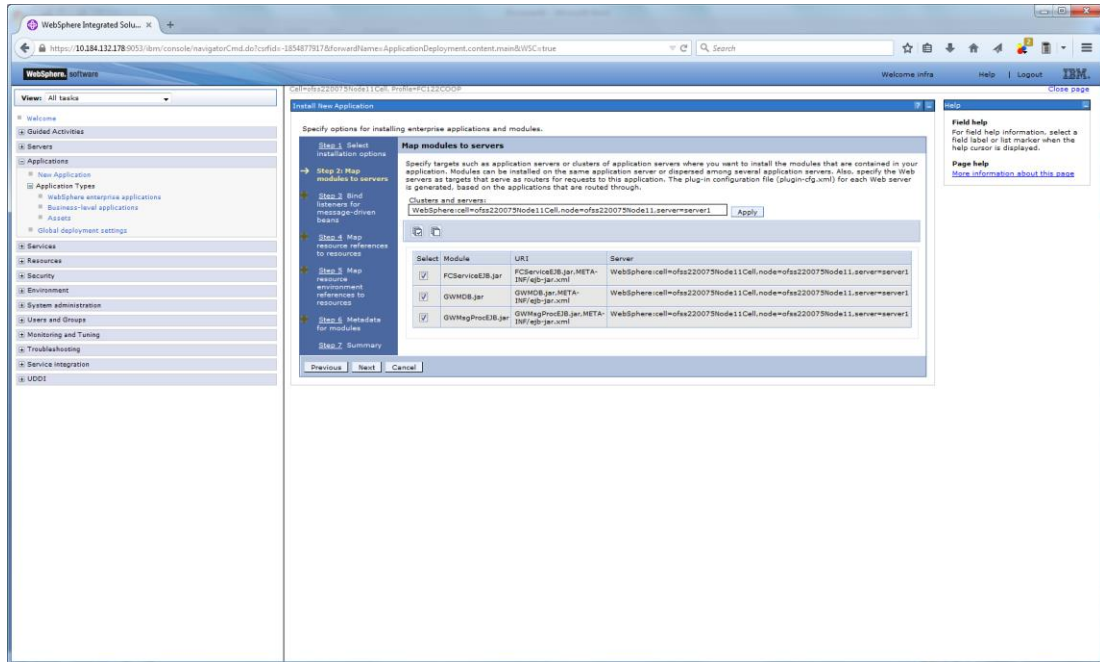
7. Click on next and the following screen is displayed.



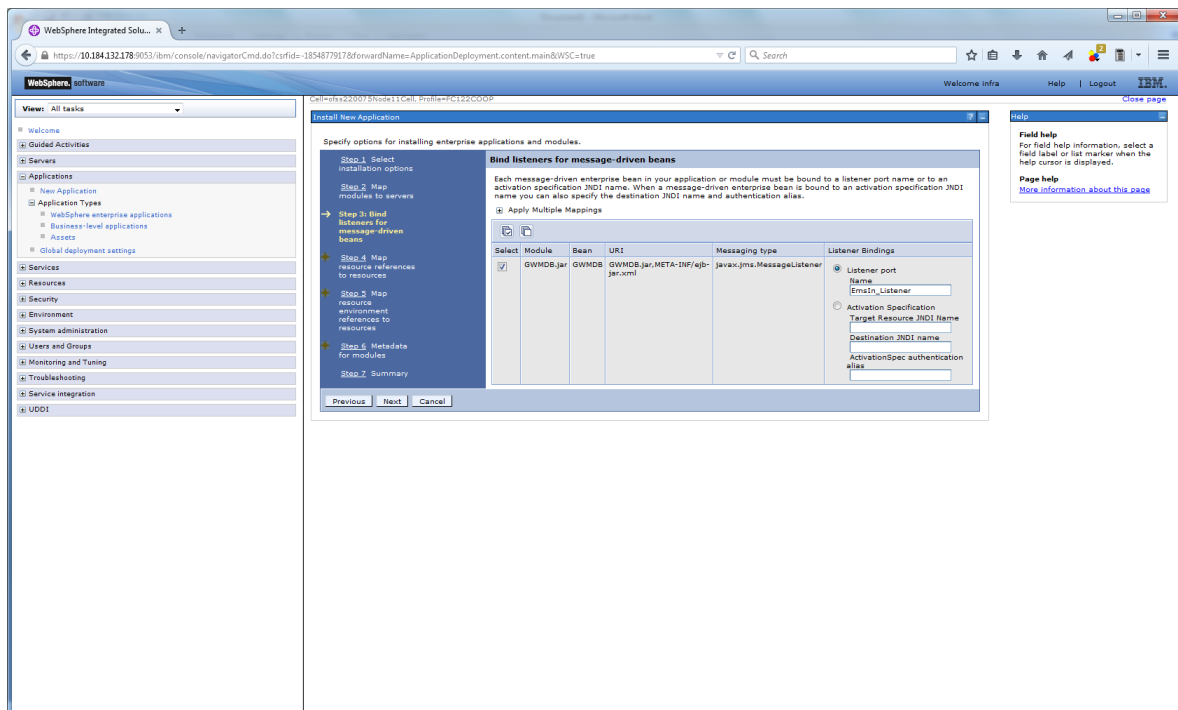
8. Click on next and the following screen is displayed.



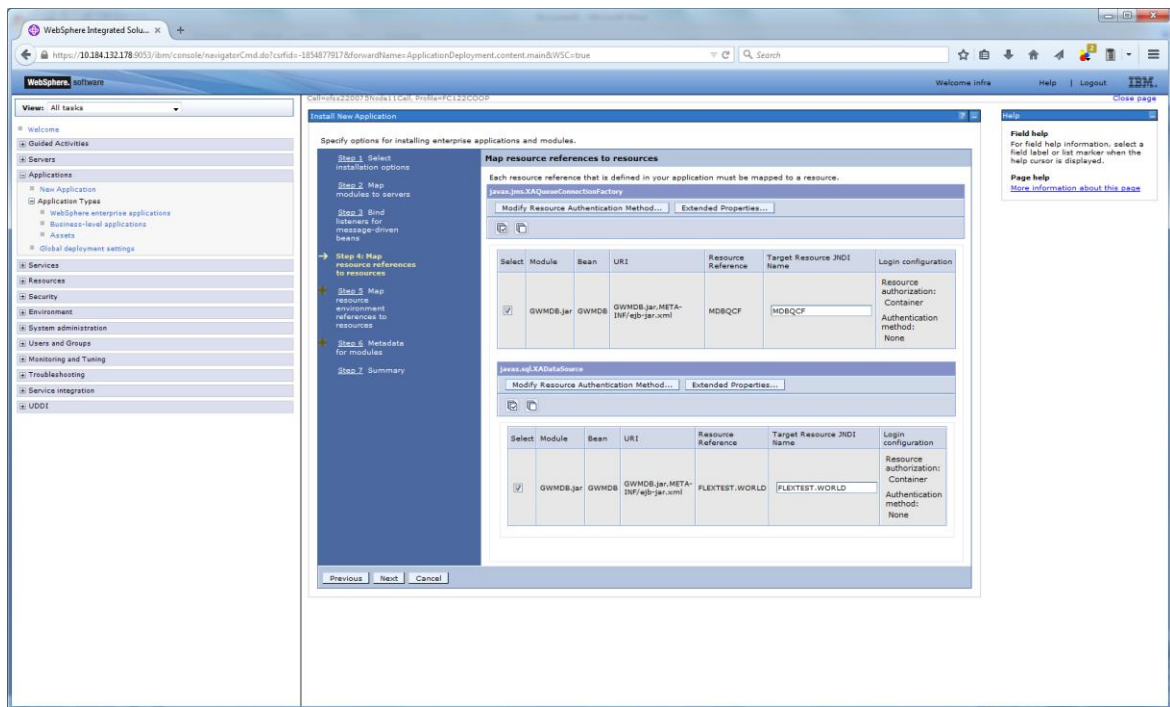
9. Click on next and the following screen is displayed.



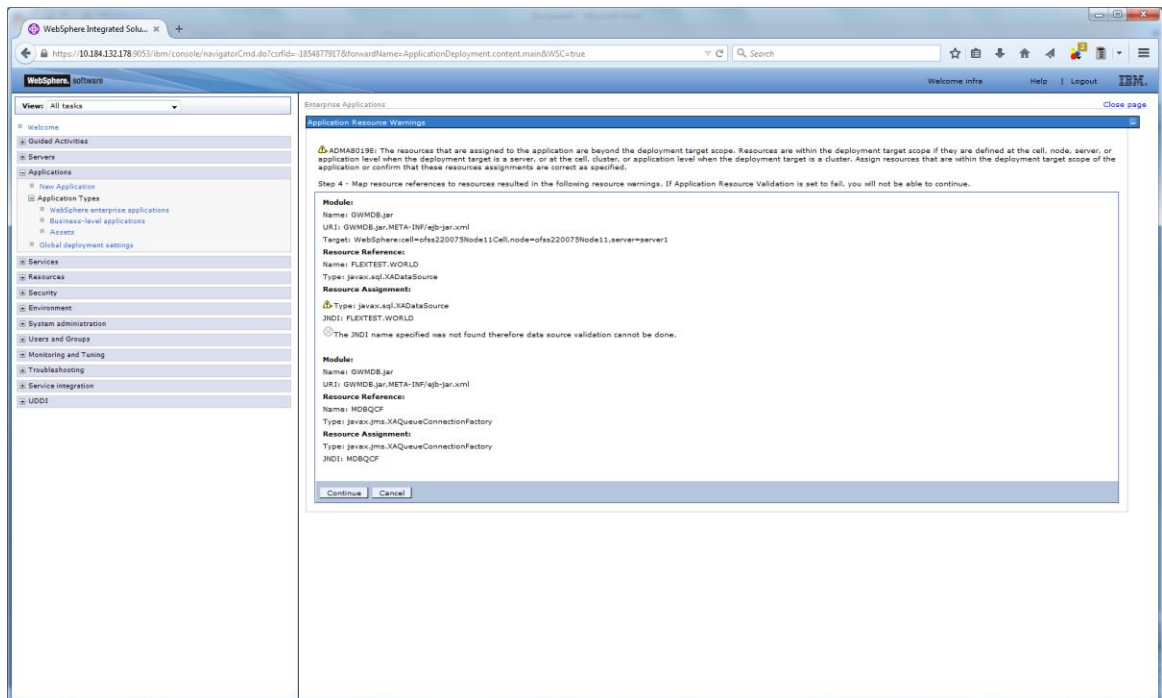
10. Click on next and the following screen is displayed.



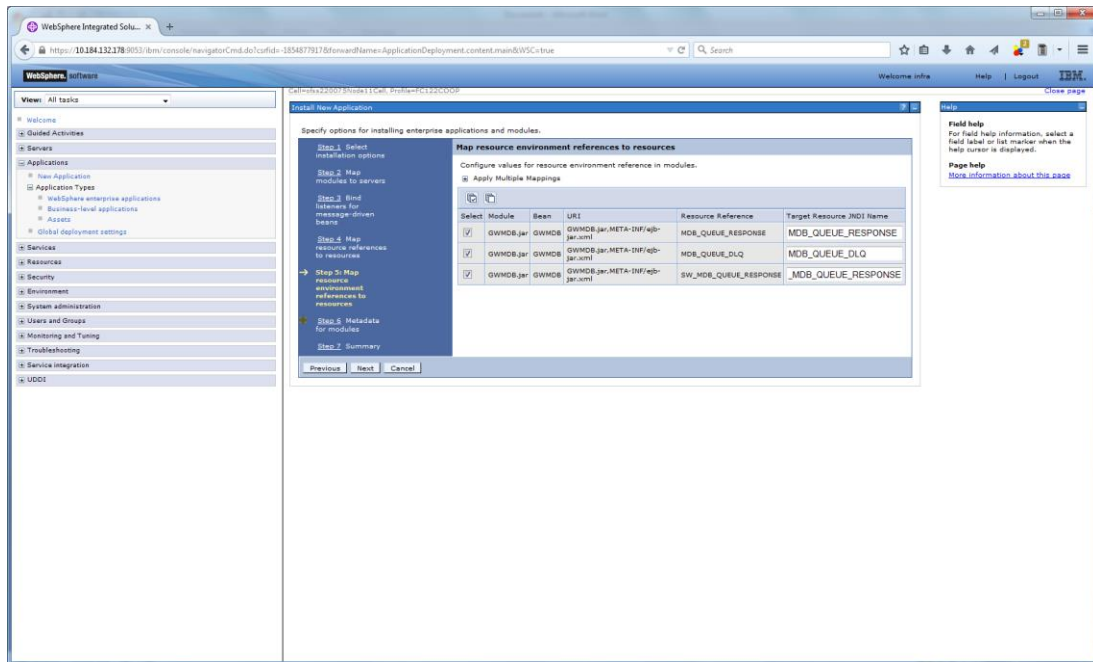
11. Input the listner name click next. Following screen is displayed.



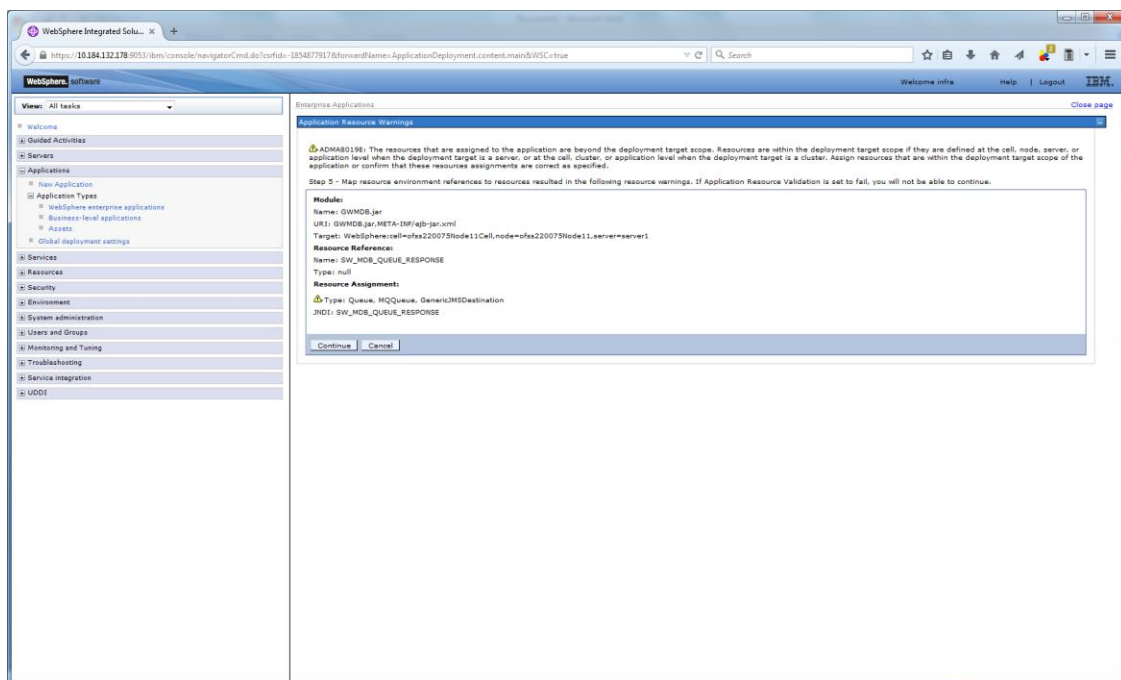
12. Enter the details as shown and click next.



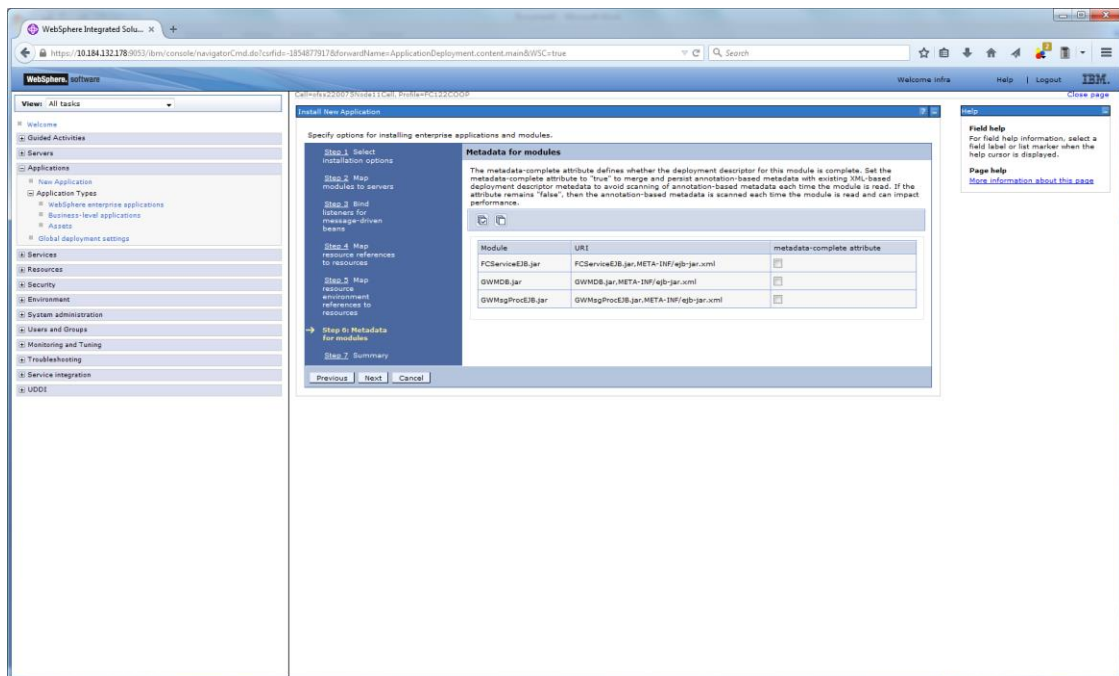
13. Click on continue and following screen is displayed.



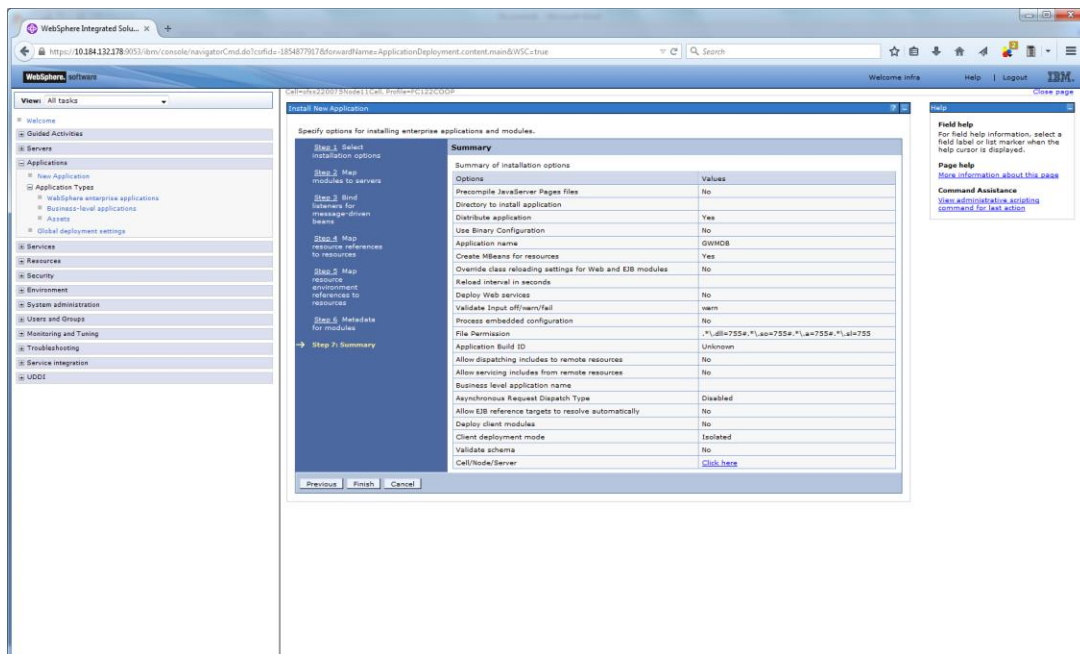
14. Give necessary details as shown and click next.



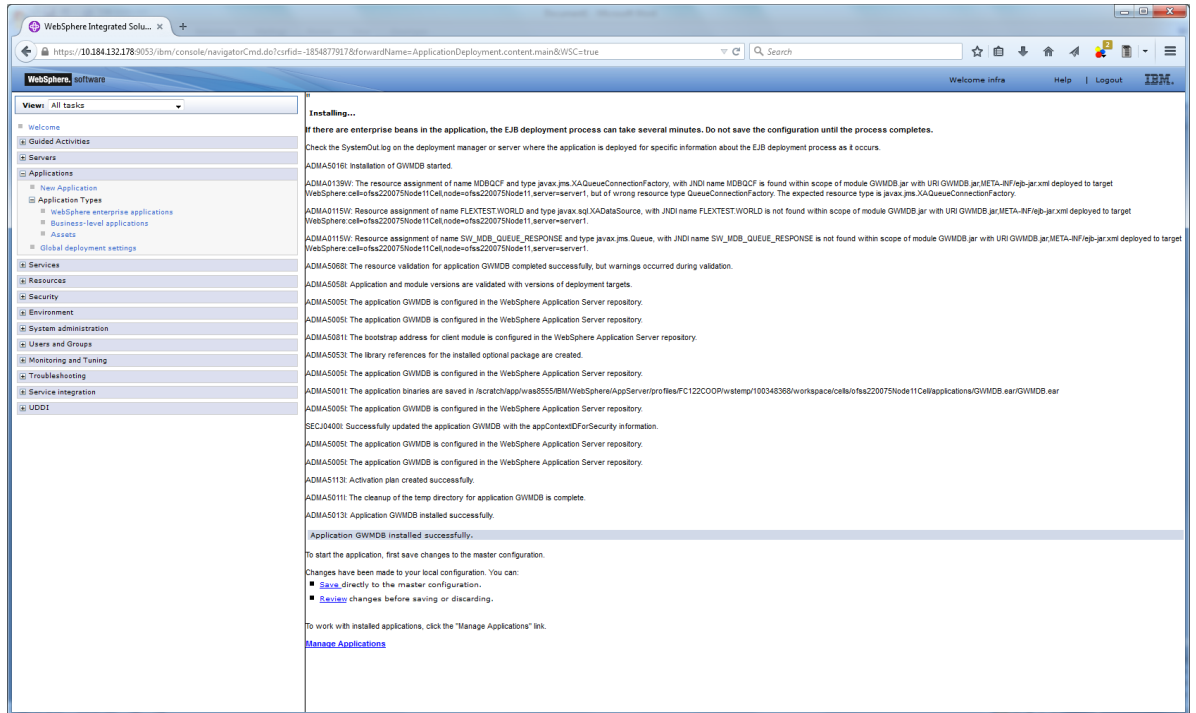
15. Click on continue and below screen is displayed.



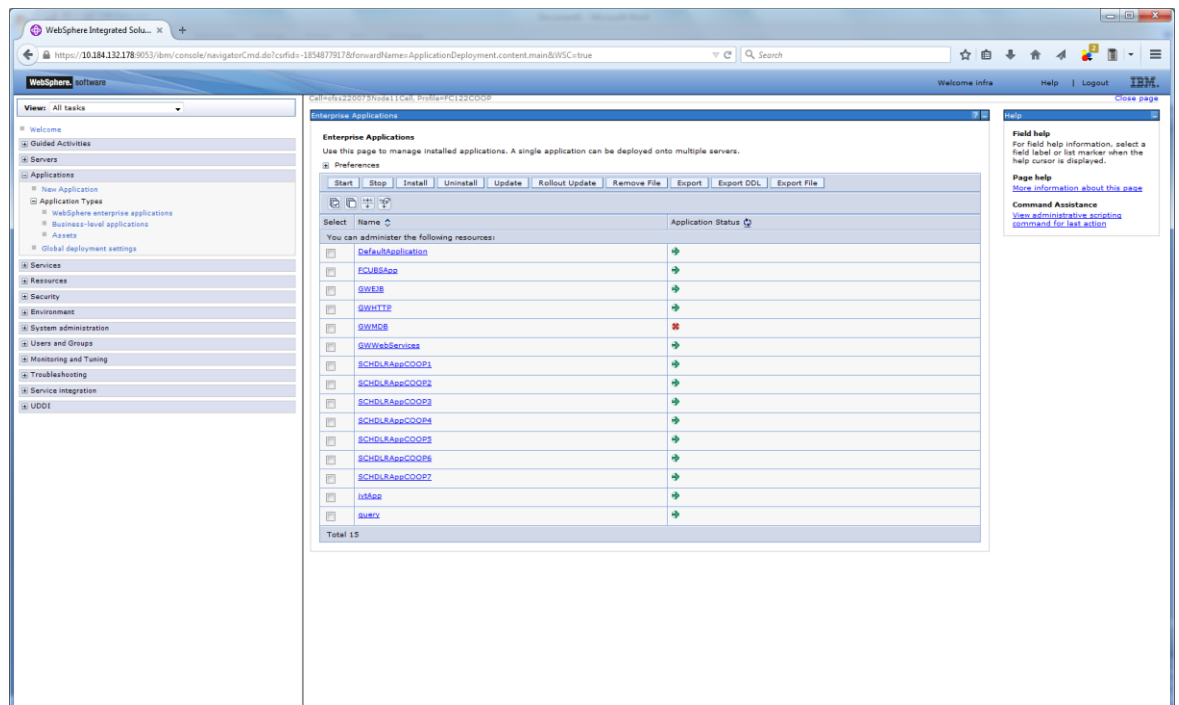
16. Click on next and following screen is displayed.



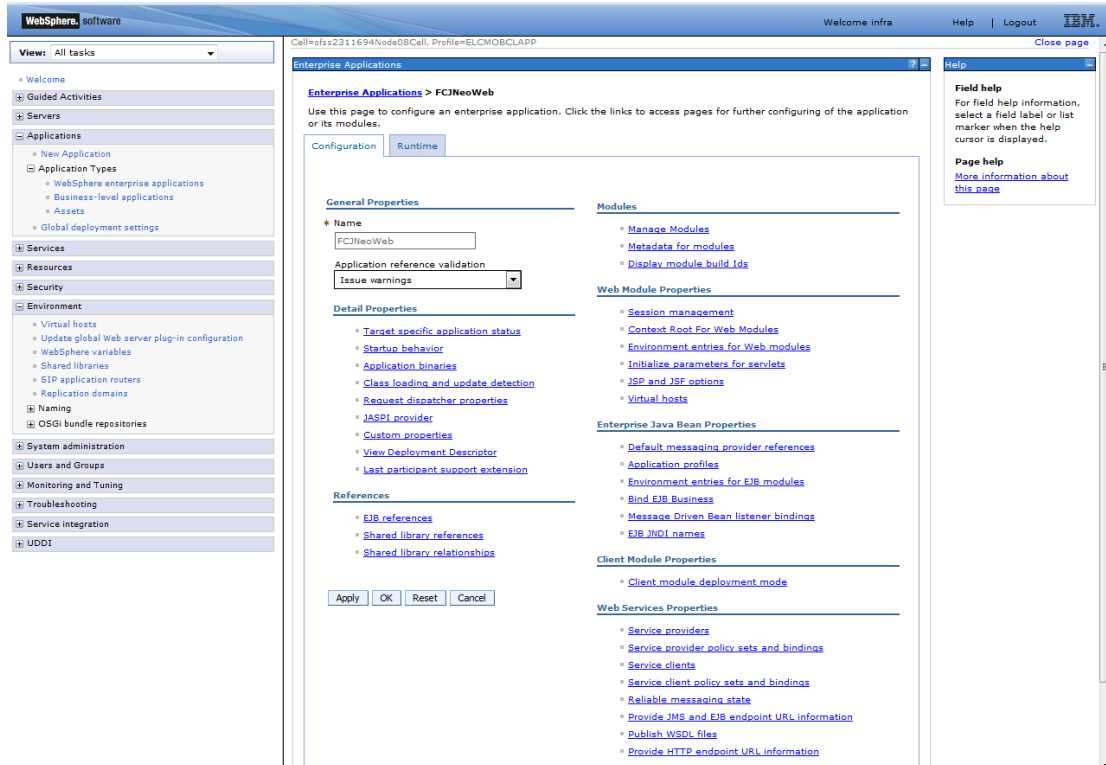
17. Click on Finish and following screen is displayed.



18. Click on save and following screen is displayed.

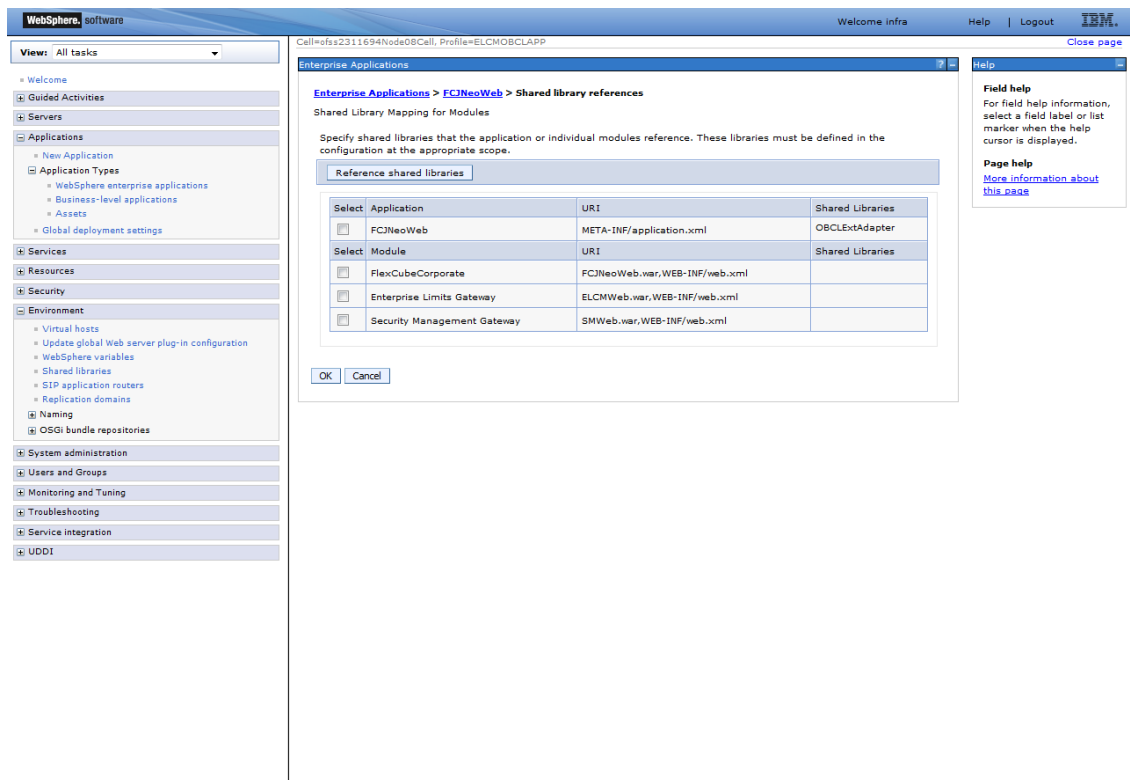


19. Click on installed FCUBS Application and the following screen is displayed.



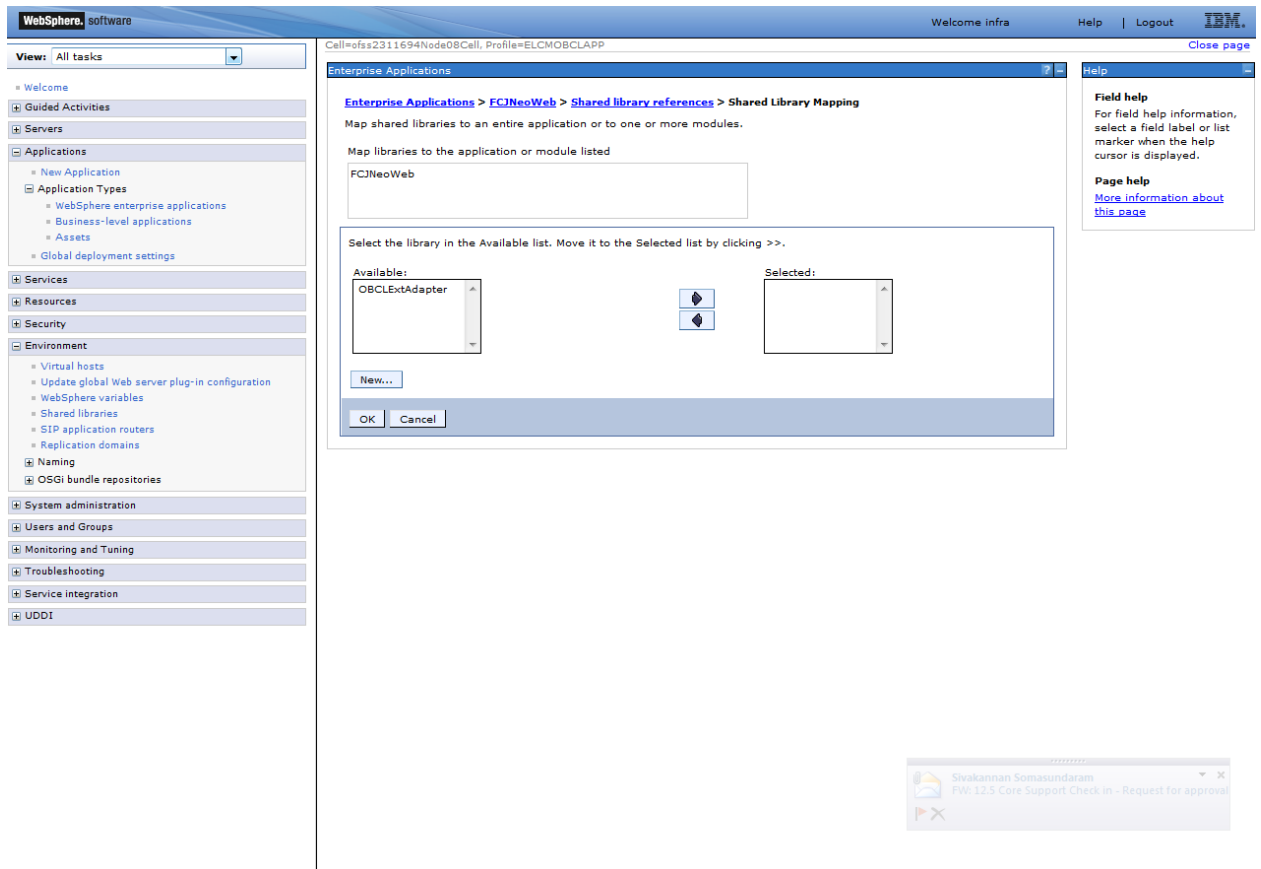
20. Click 'Shared library references' under 'References'.

The following screen is displayed.



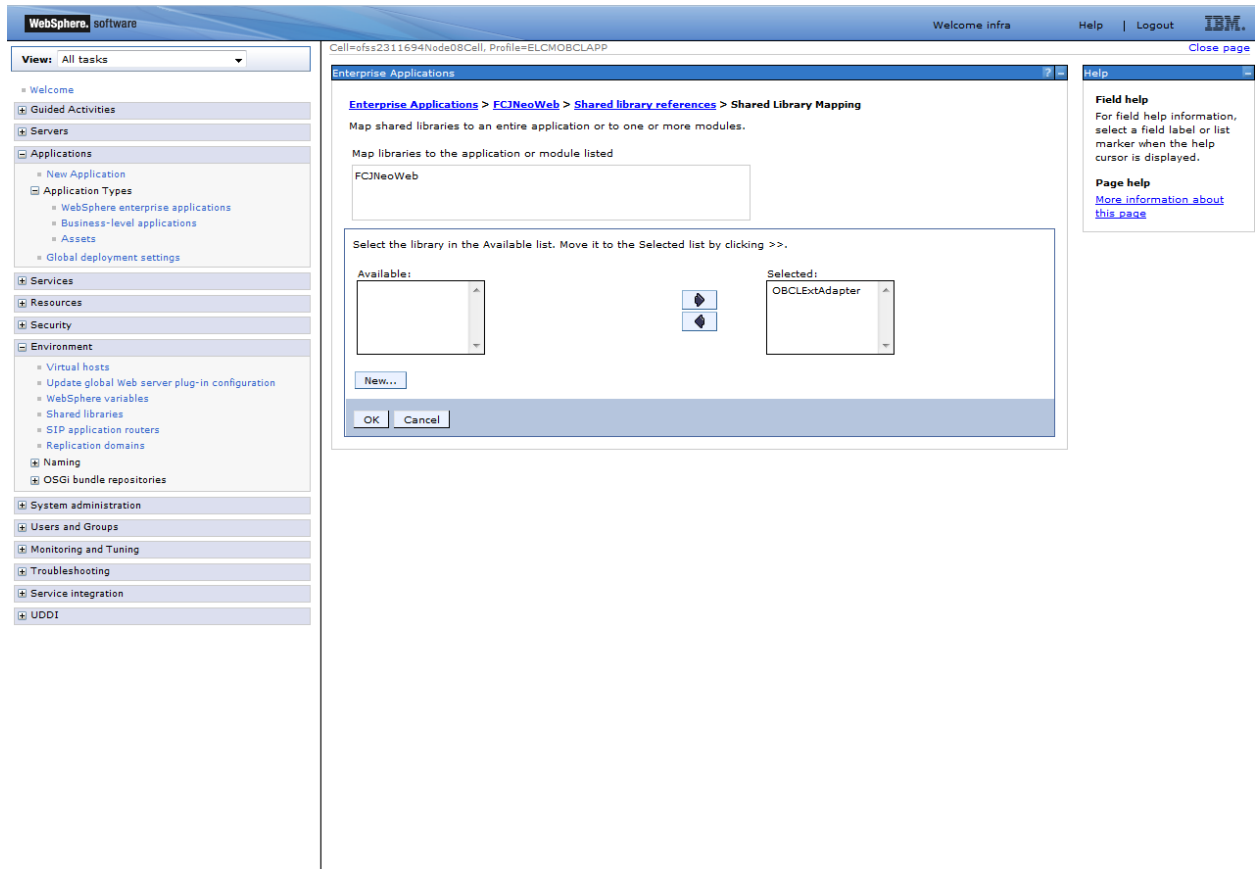
21. Select your Application and click 'Reference Shared Library'.

The following screen is displayed.



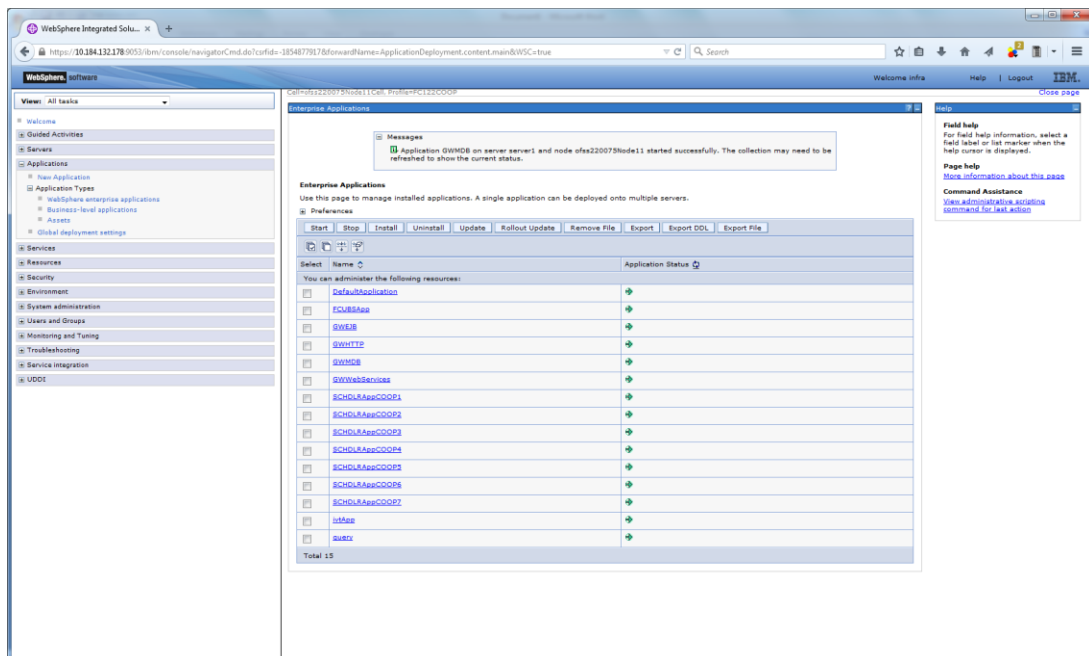
22. Click on right arrow button to add Available shared library reference.

The following screen is displayed.



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

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



MDB EAR deployment is successfully finished.

1.2.7 OBTR HTTP Application Deployment

To deploy Oracle Banking Treasury Management application on WebSphere application server, follow the steps given below:

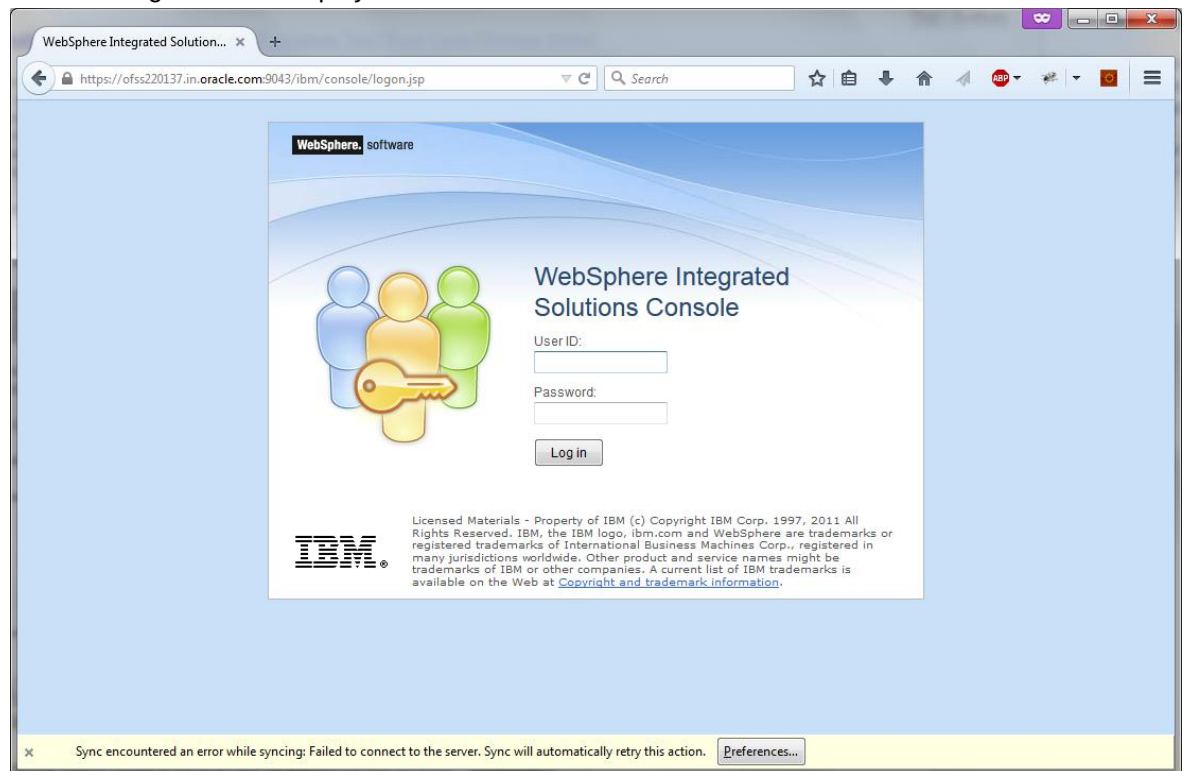
1. Open the Administrative Console of WebSphere server:

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.

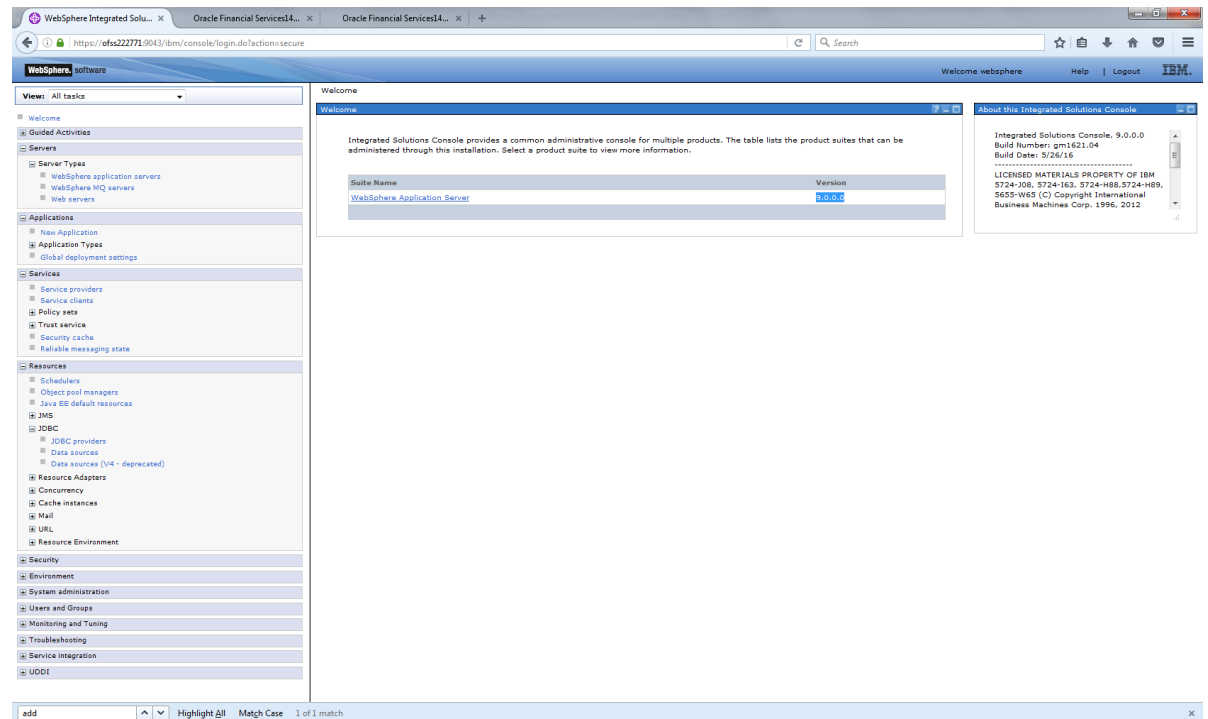
The following screen is displayed:



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

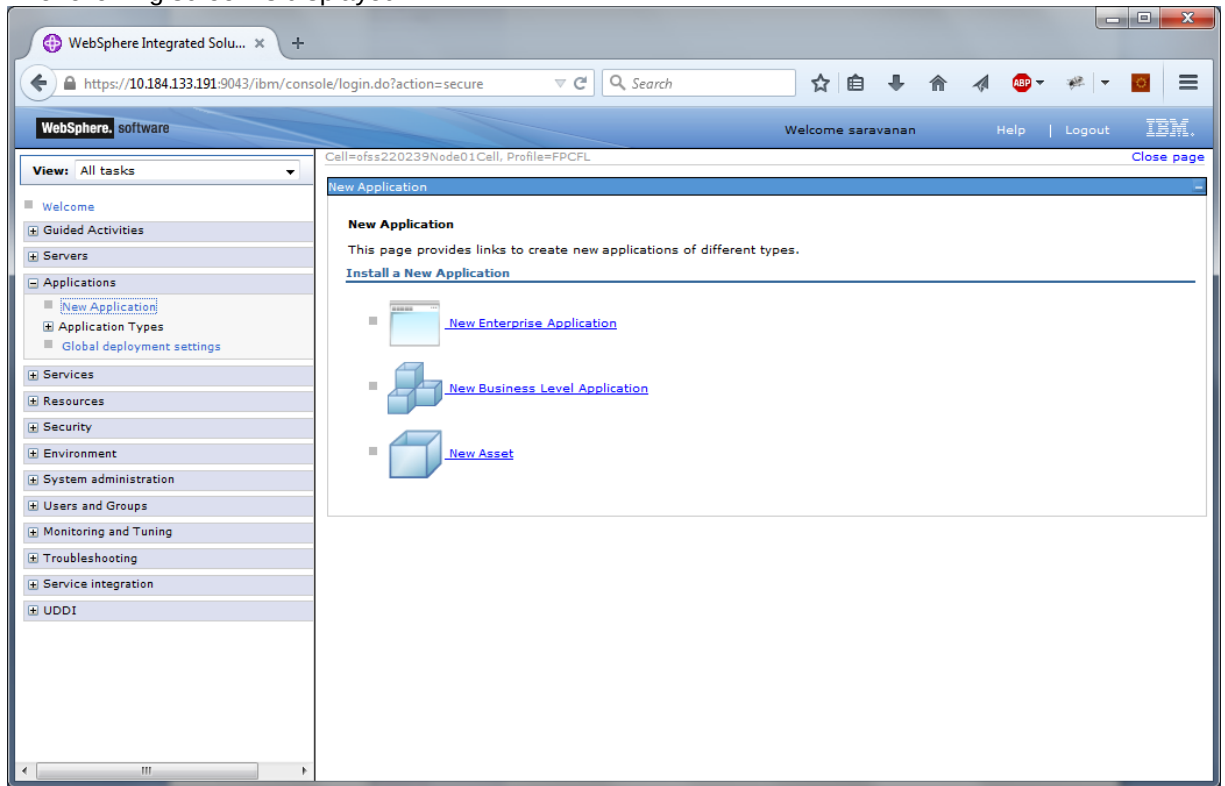
3. Navigate to the WebSphere Home Page.

The following screen is displayed.

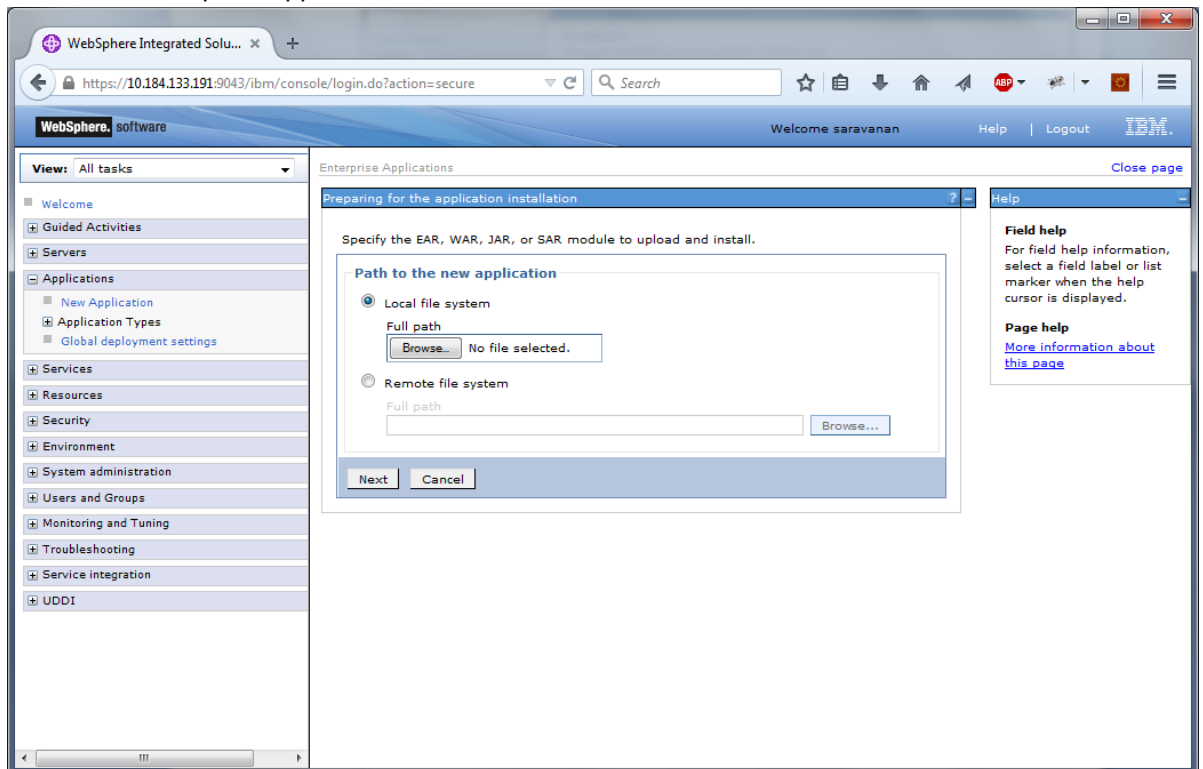


4. Expand Applications from left-side menu and Click 'New Application'.

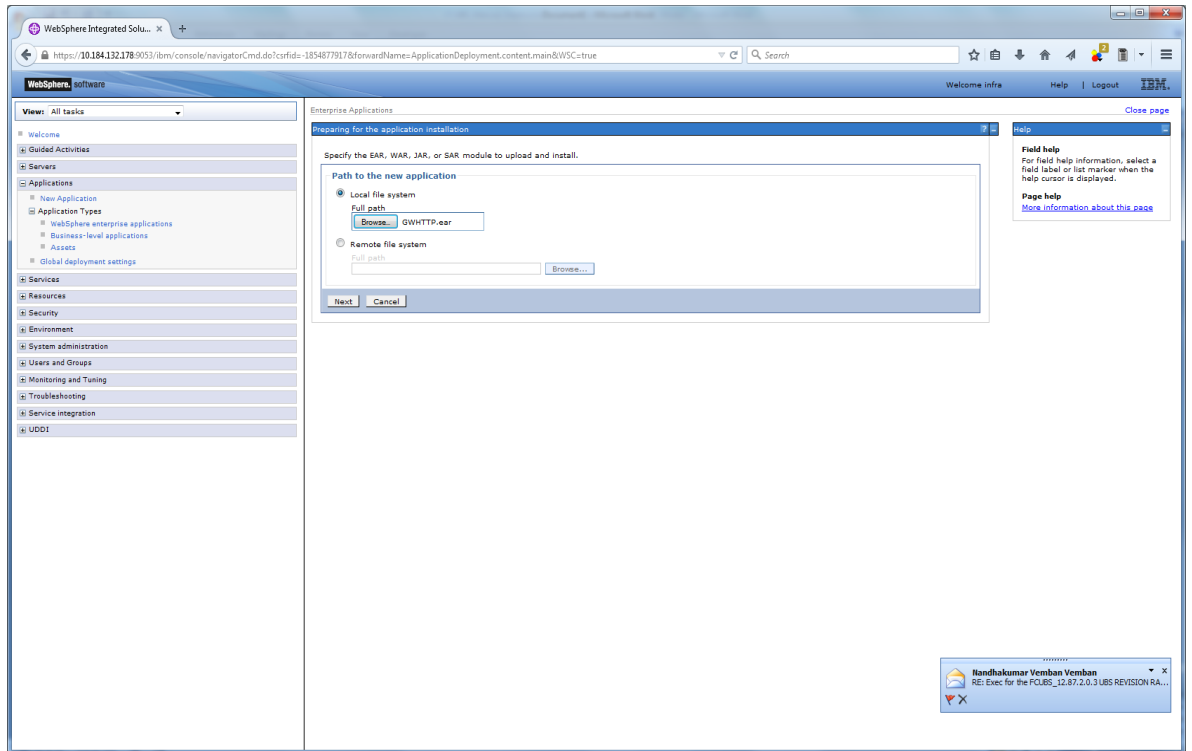
The following screen is displayed.



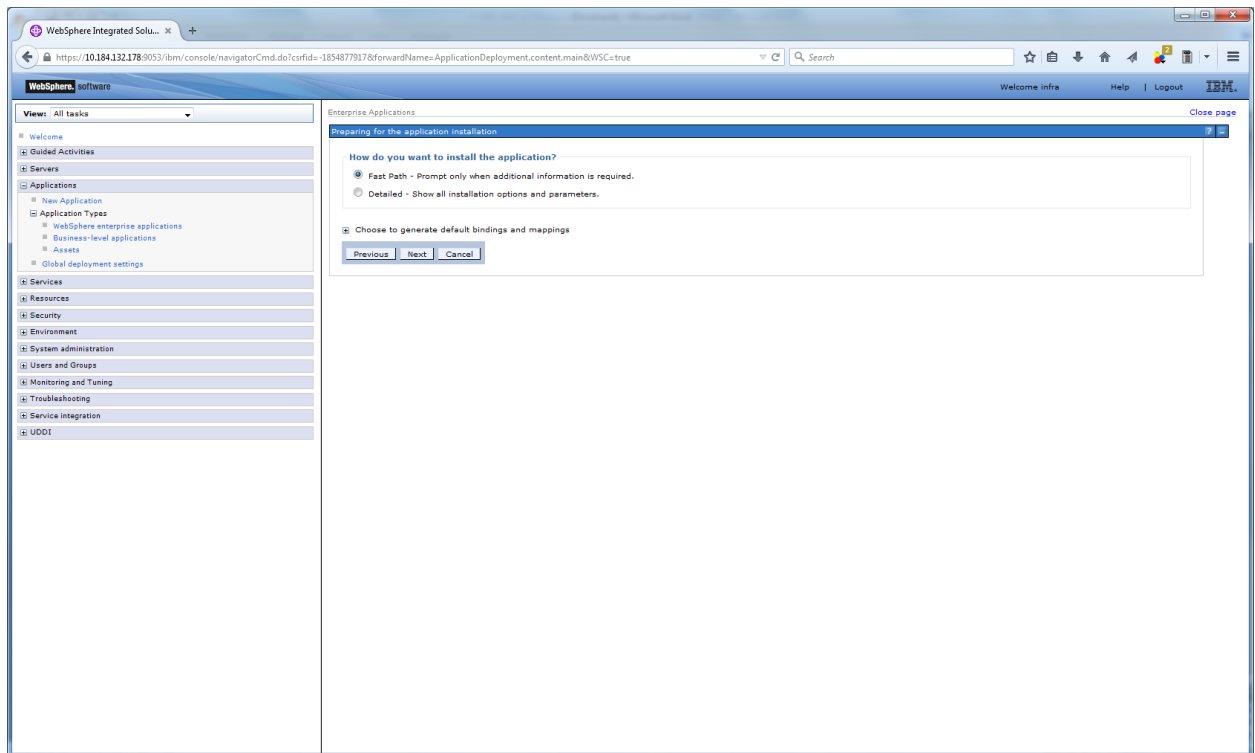
5. Click 'New Enterprise Application'.



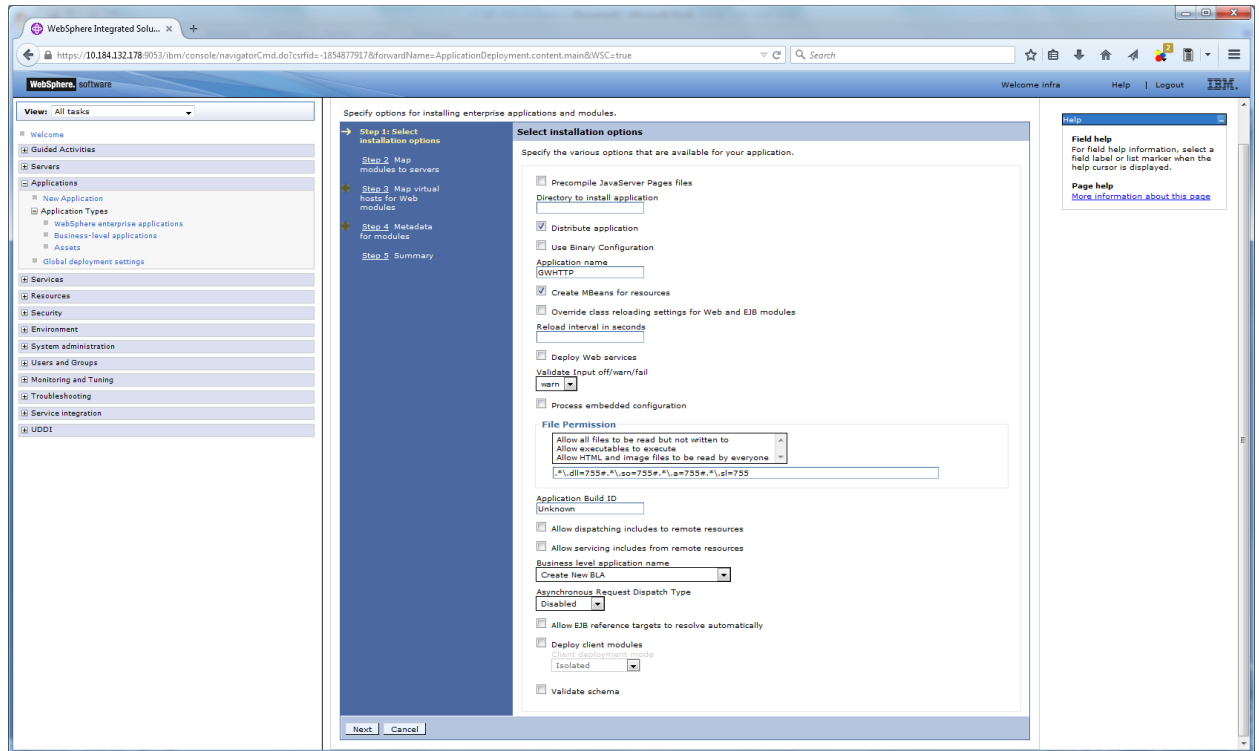
6. Browse the application EAR file and click next button



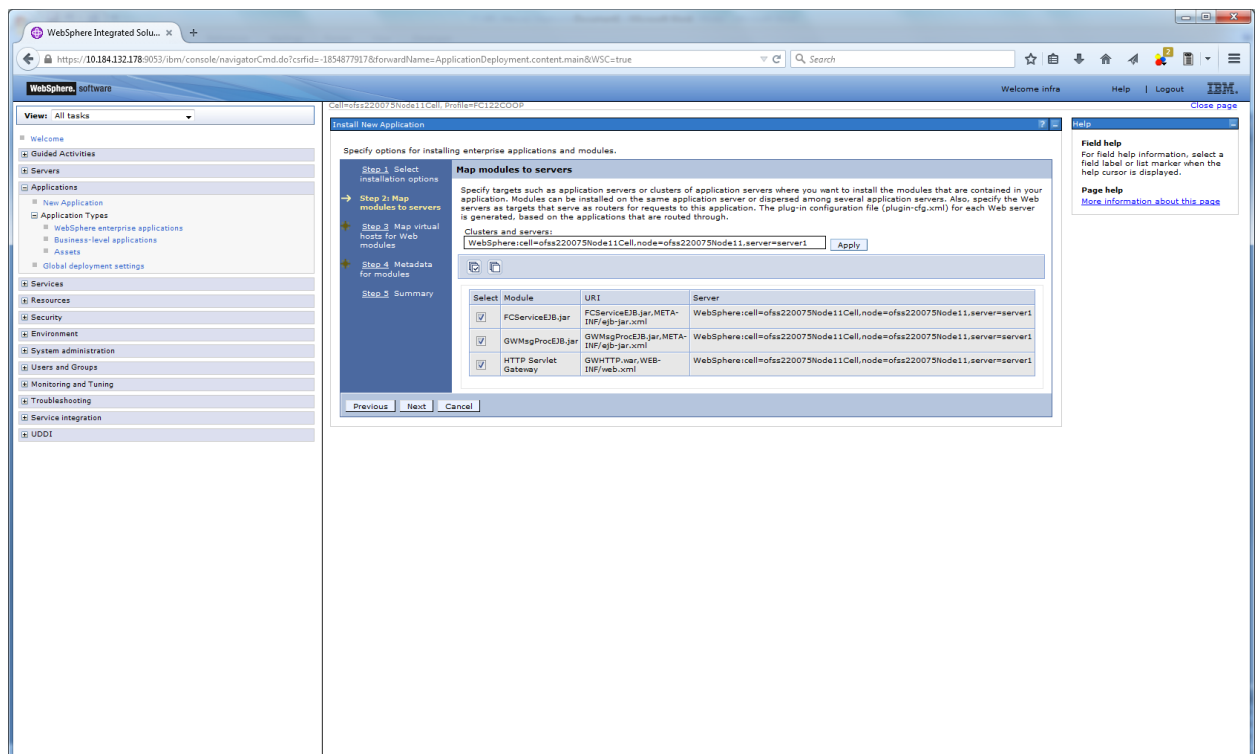
7. Click next and the following screen is displayed.



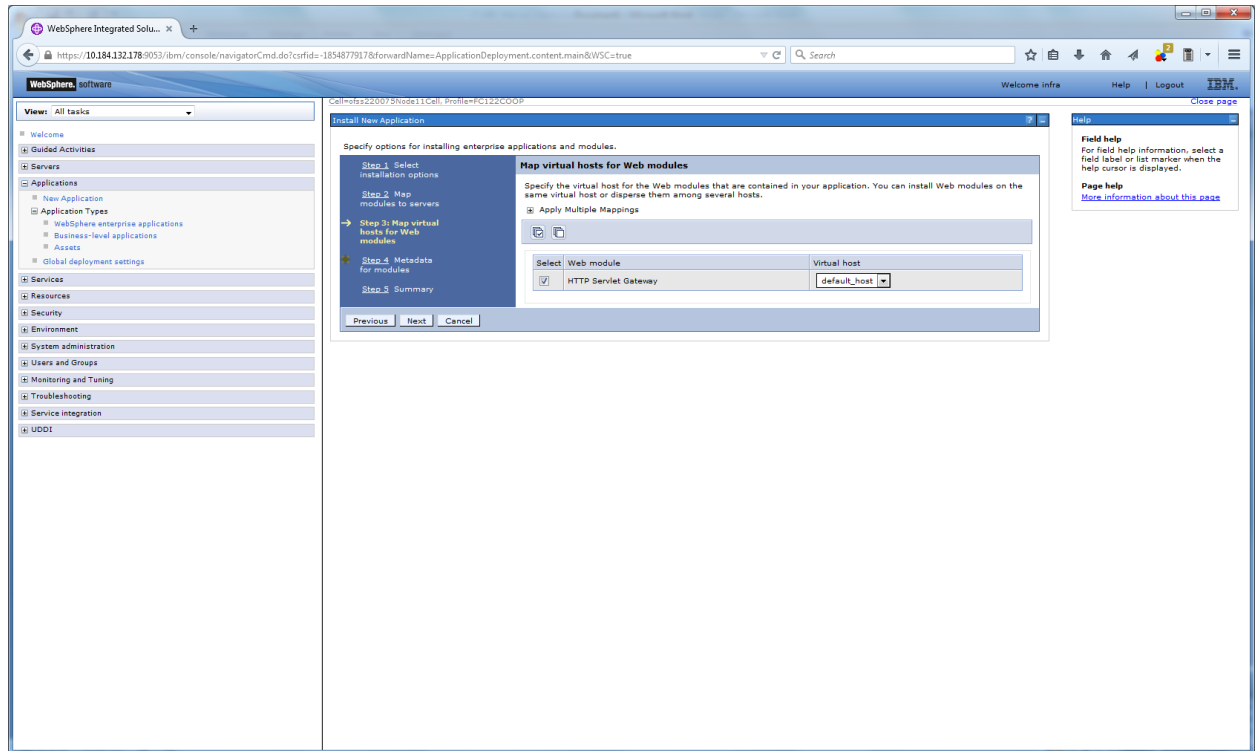
8. Click next and the following screen is displayed.



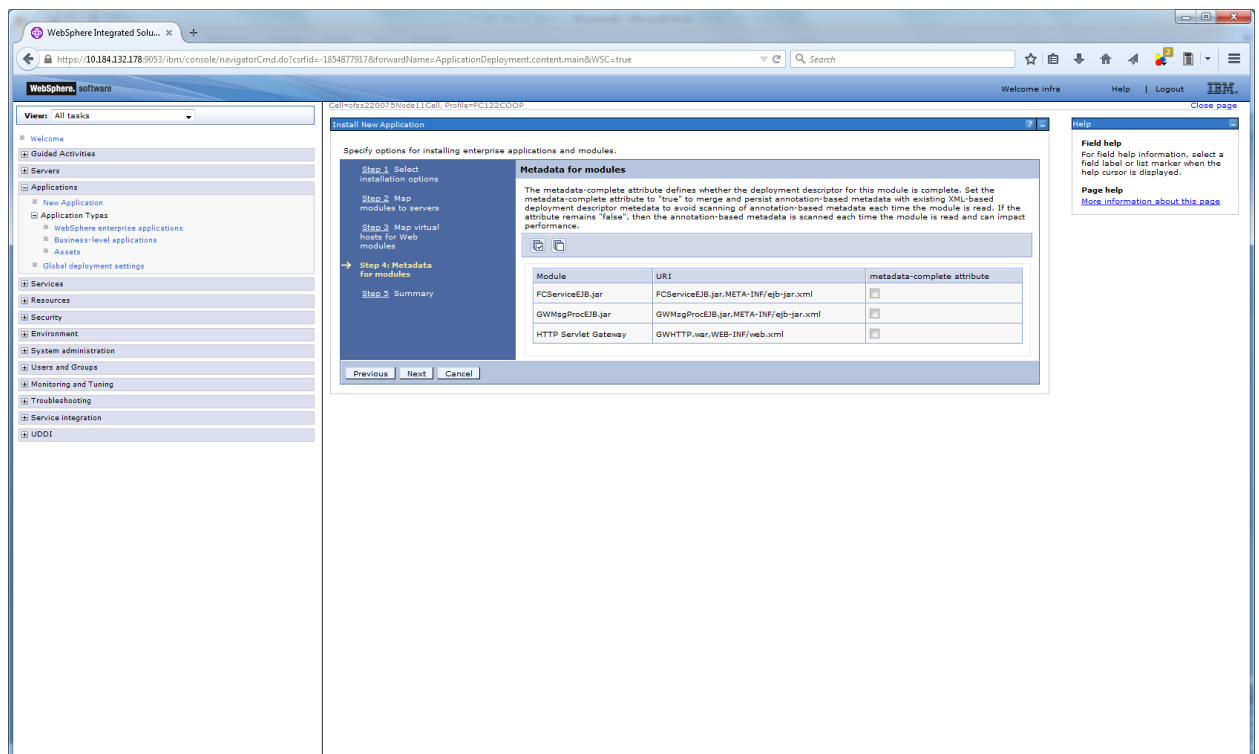
9. Click next and the following screen is displayed.



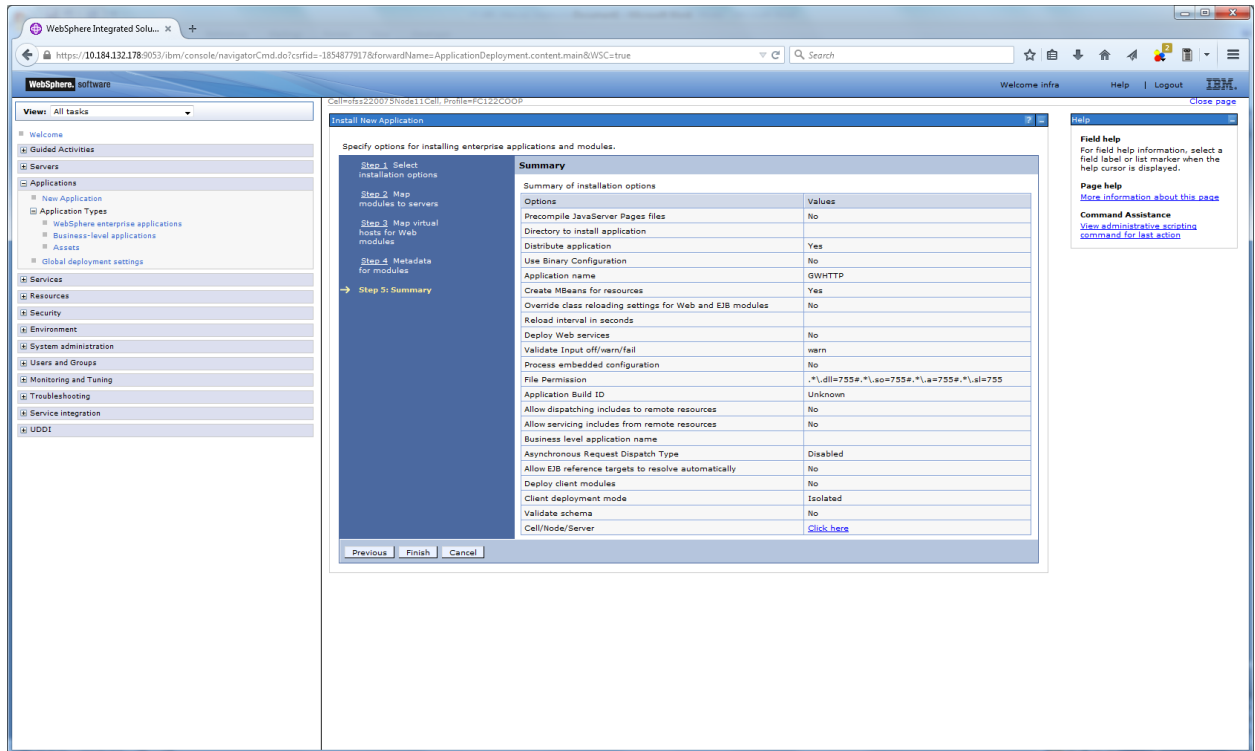
10. Click next and the following screen is displayed.



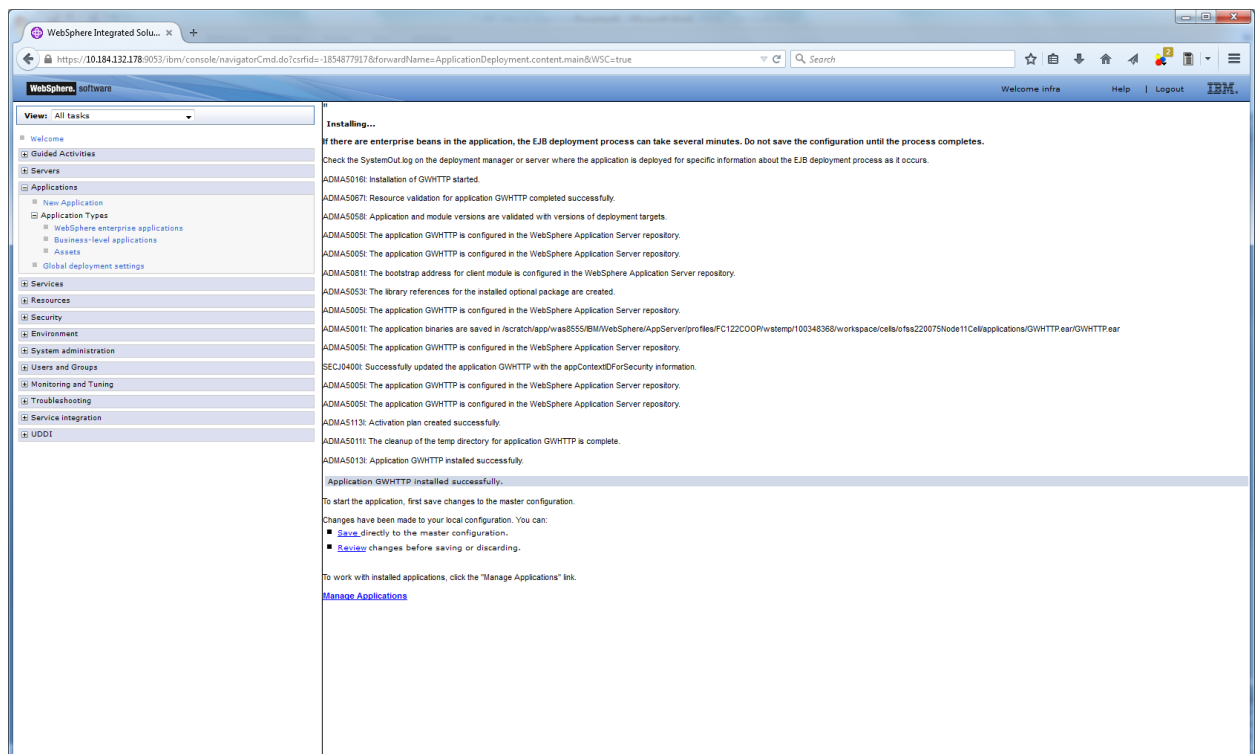
11. Click next and the following screen is displayed.



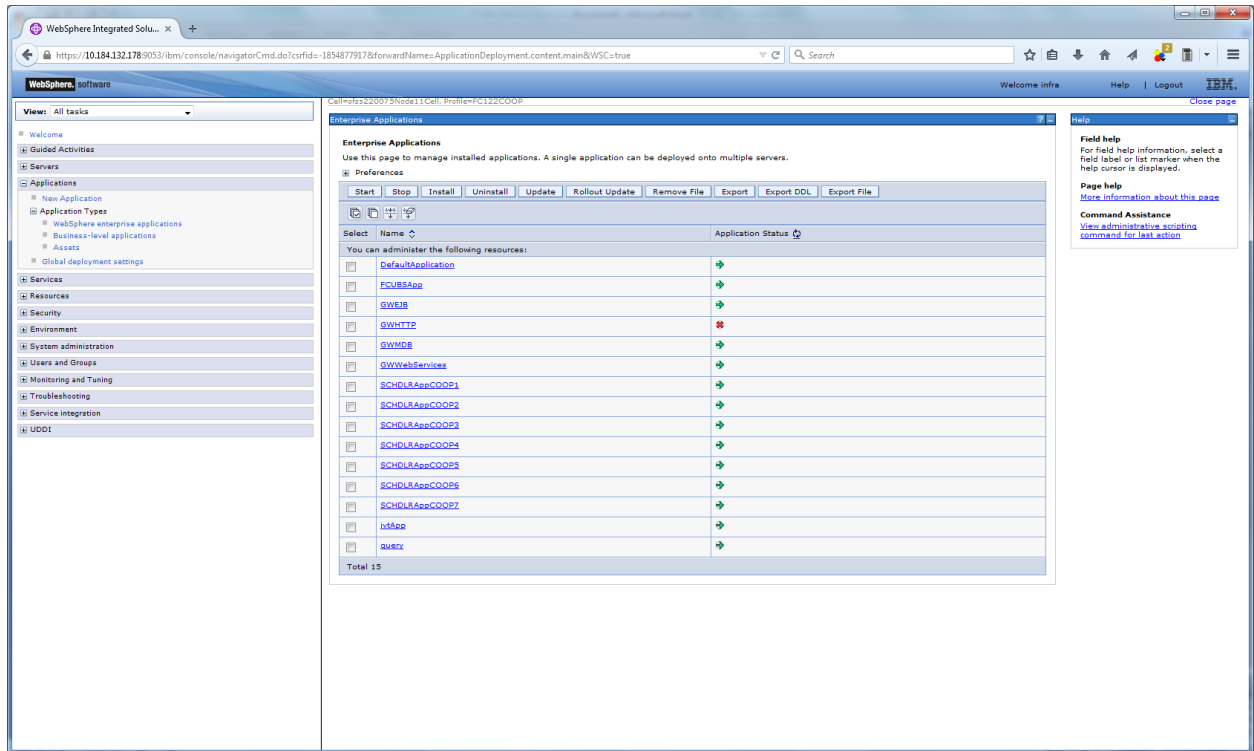
12. Click next and the following screen is displayed.



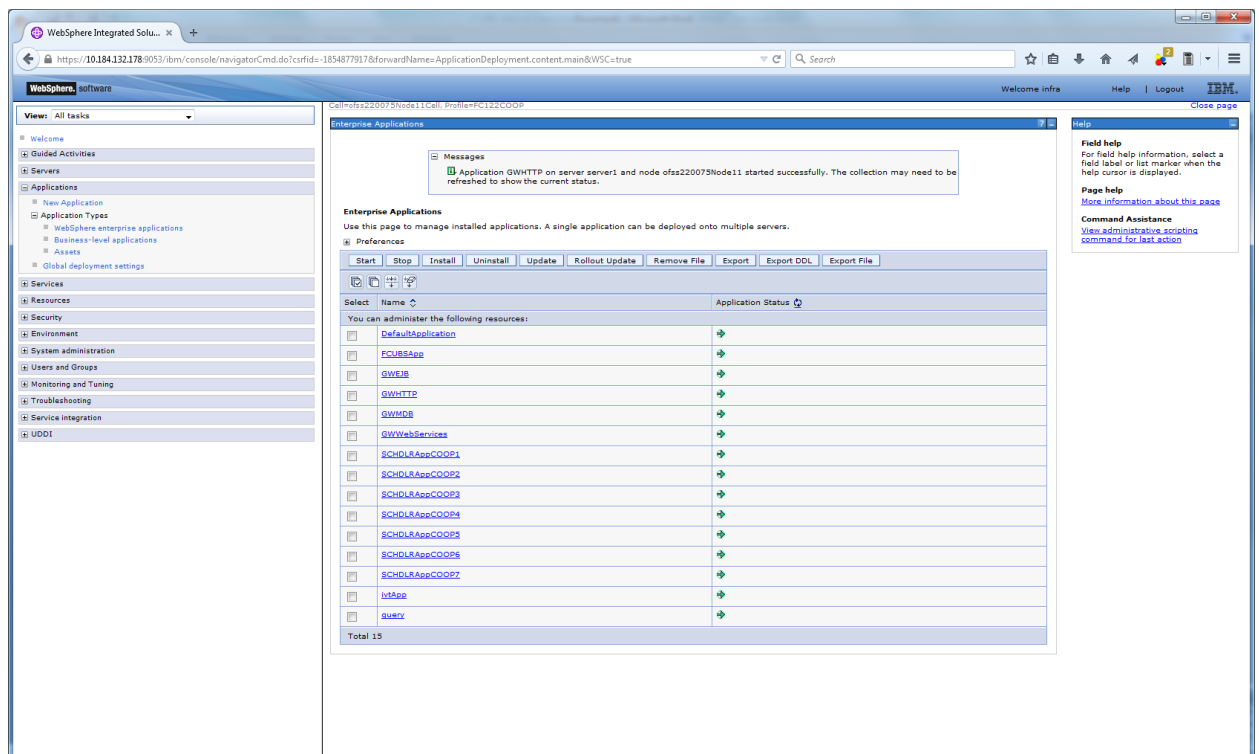
13. Click on finish and the following screen is displayed.



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



15. Select the installed application and click on start.



GWHTTP application has been deployed successfully.

1.2.8 OBTR GWebServices Application Deployment

To deploy Oracle Banking Treasury Management application on WebSphere application server, follow the steps given below:

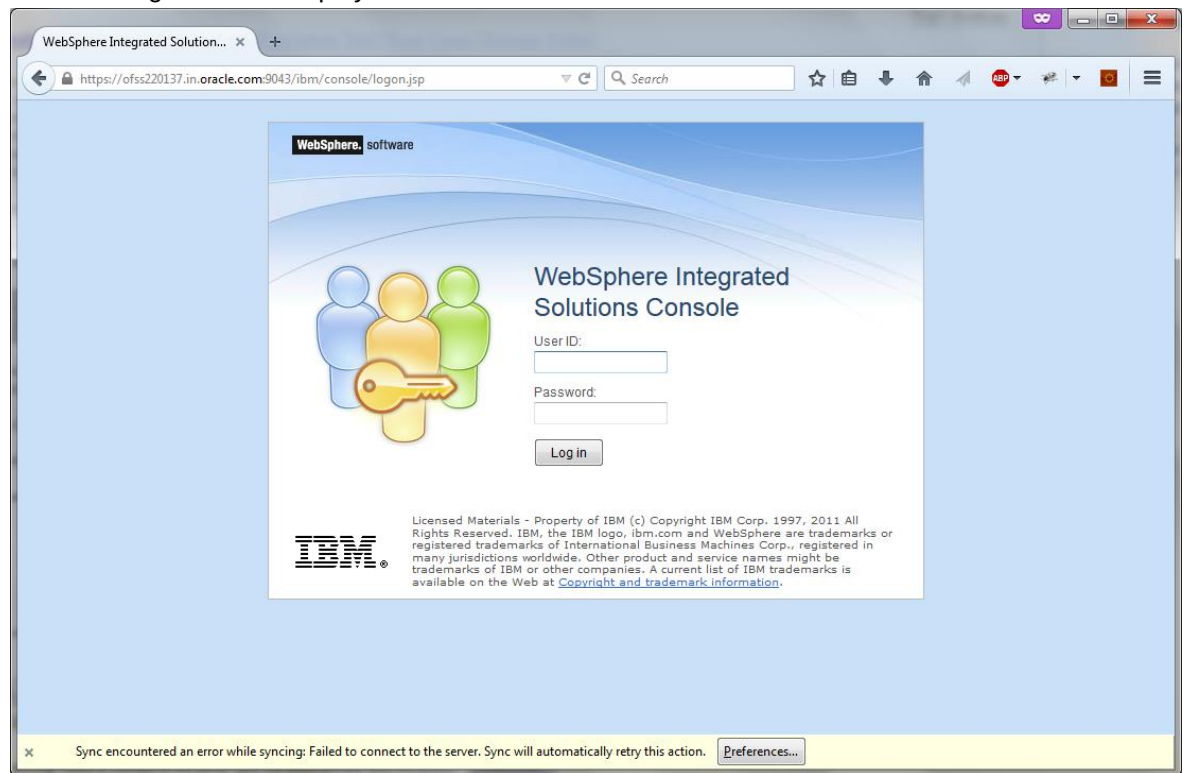
1. Open the Administrative Console of WebSphere server:

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

Eg: `https://10.10.10.10:1010/console`

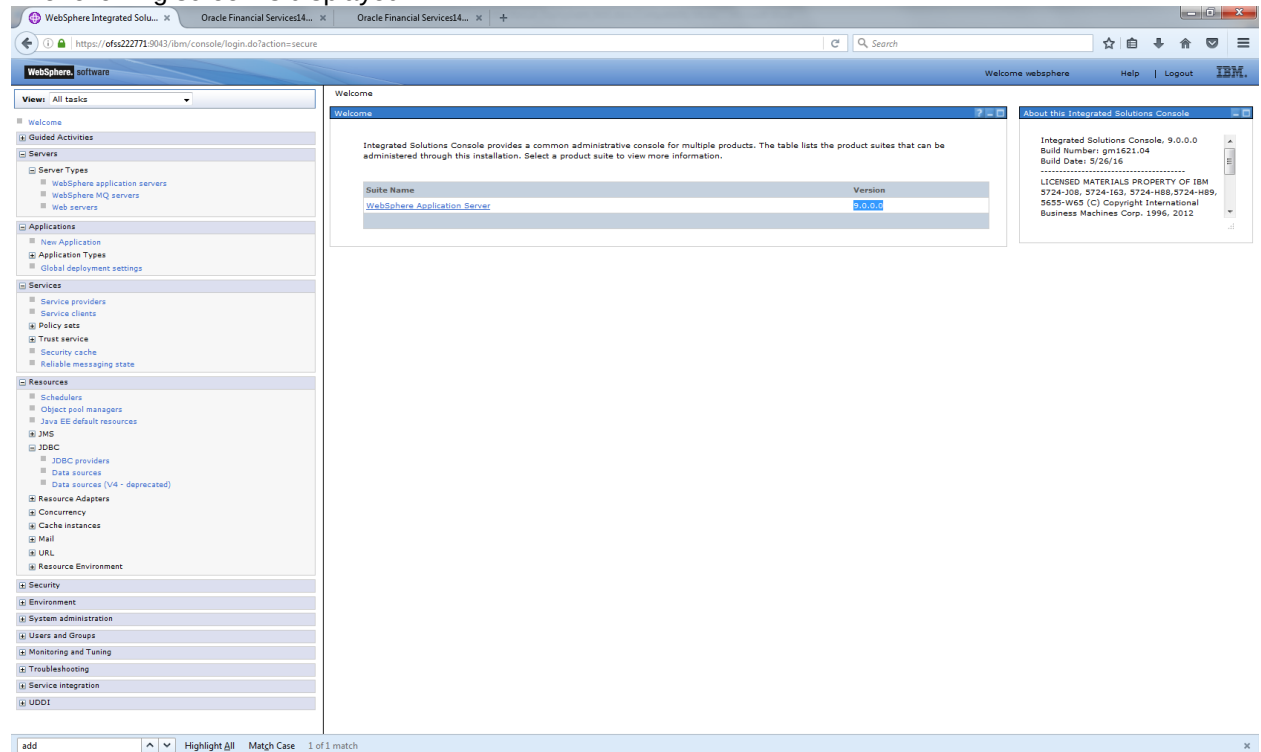
In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running.

The following screen is displayed:



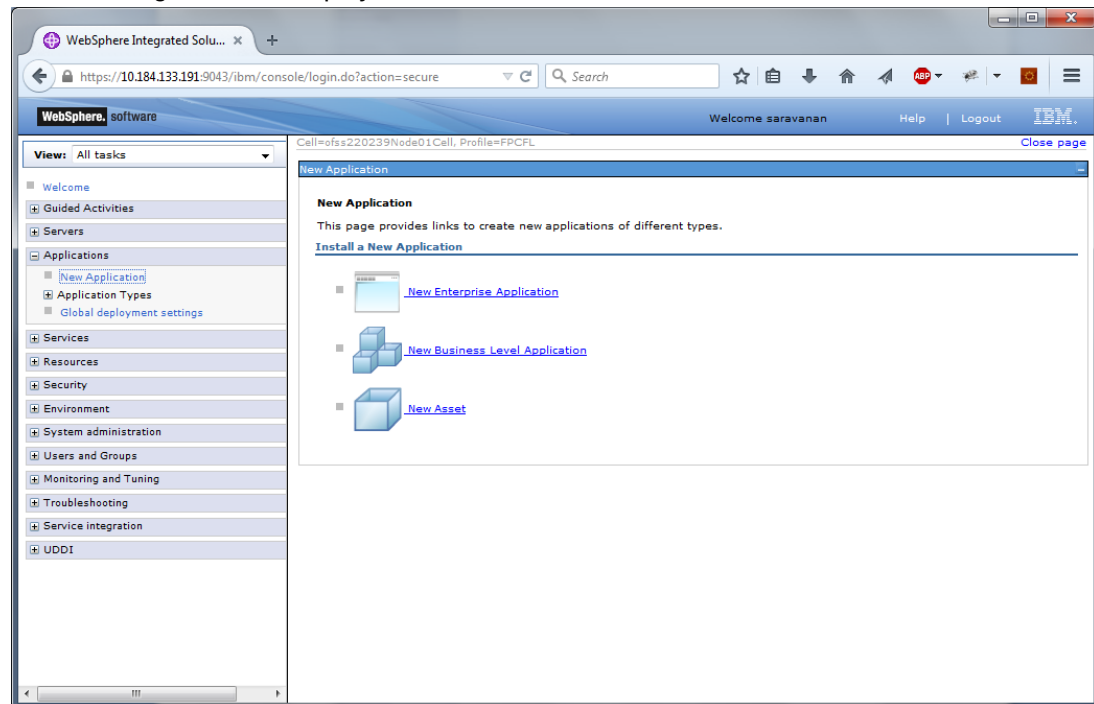
2. Enter the user name and password and click 'Log In' to log in to the application server.
3. Navigate to the WebSphere Home Page.

The following screen is displayed.

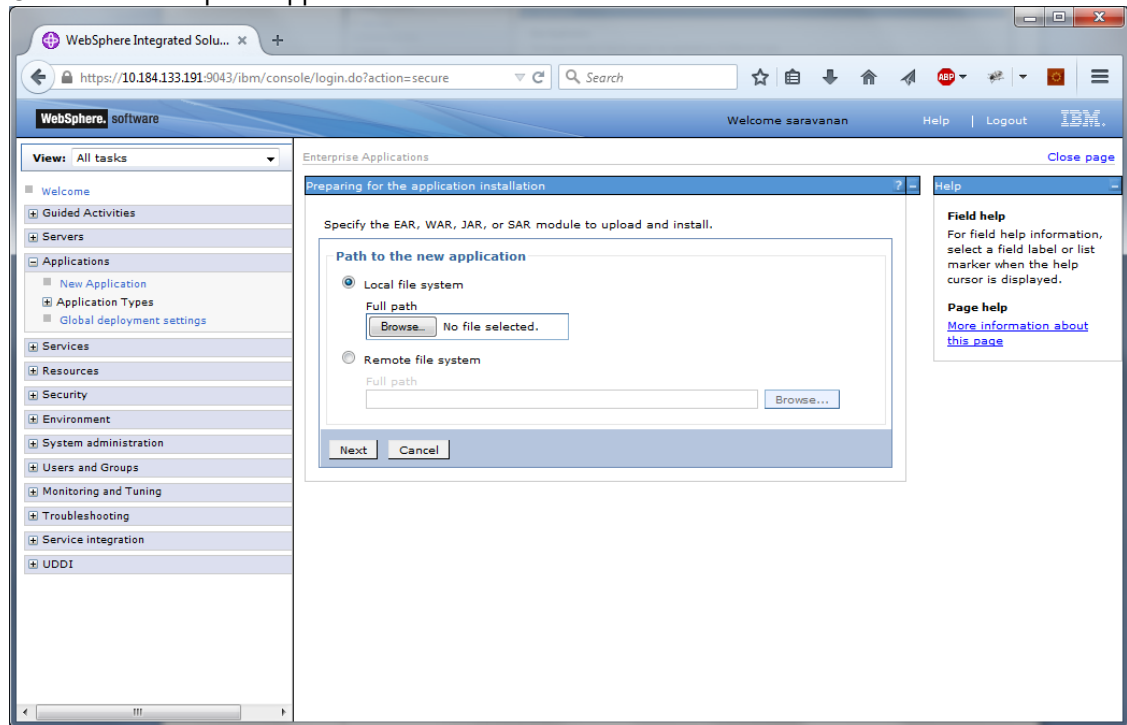


4. Expand Applications from left-side menu and Click 'New Application'.

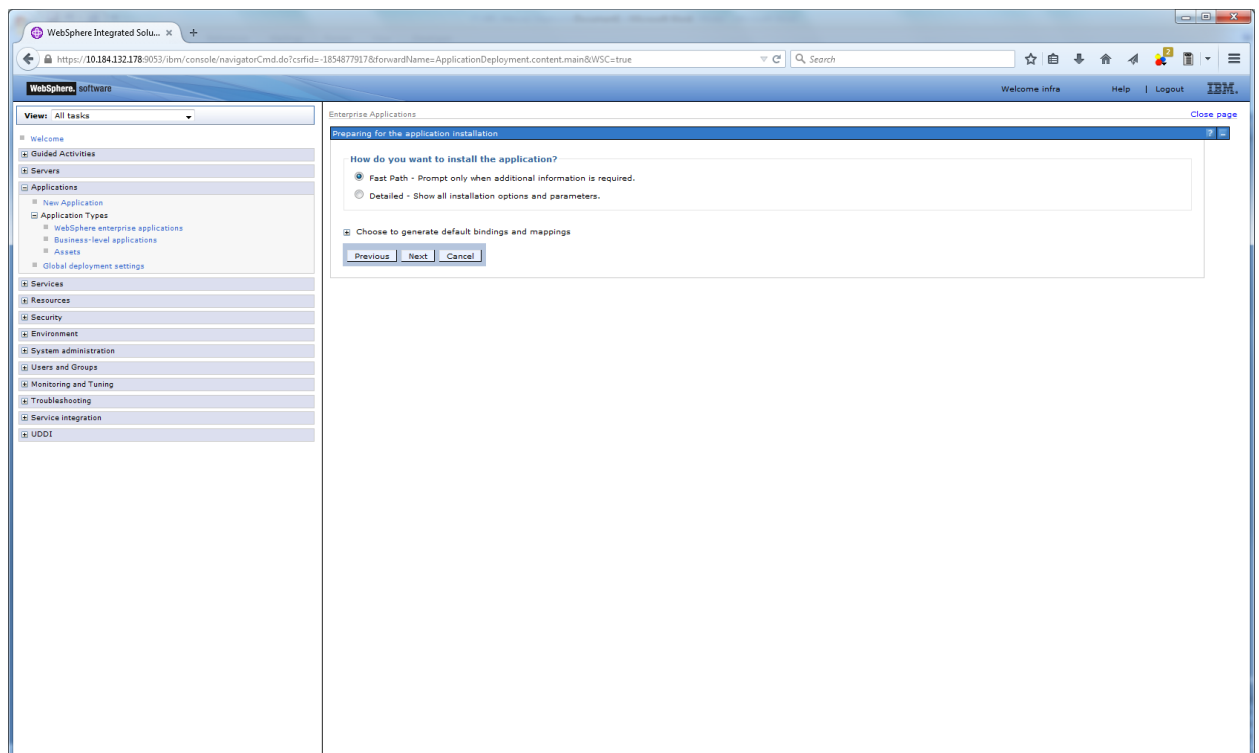
The following screen is displayed.



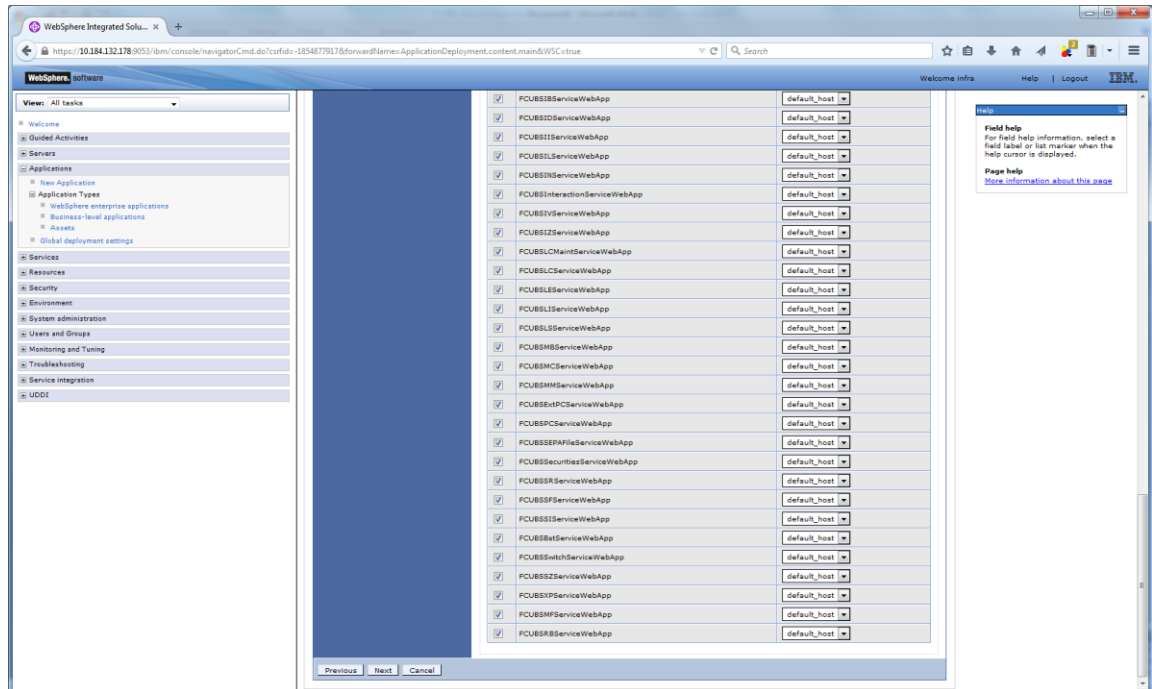
5. Click 'New Enterprise Application.'



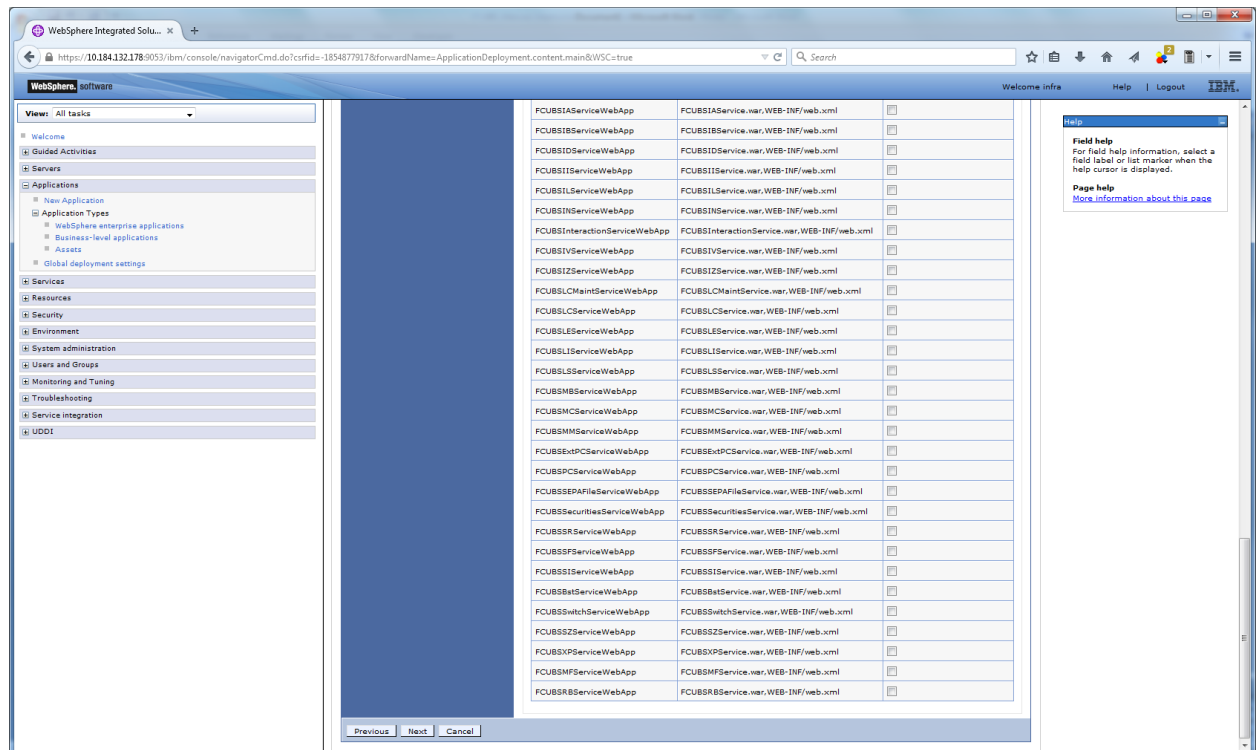
6. Browse the application EAR file and click next button.



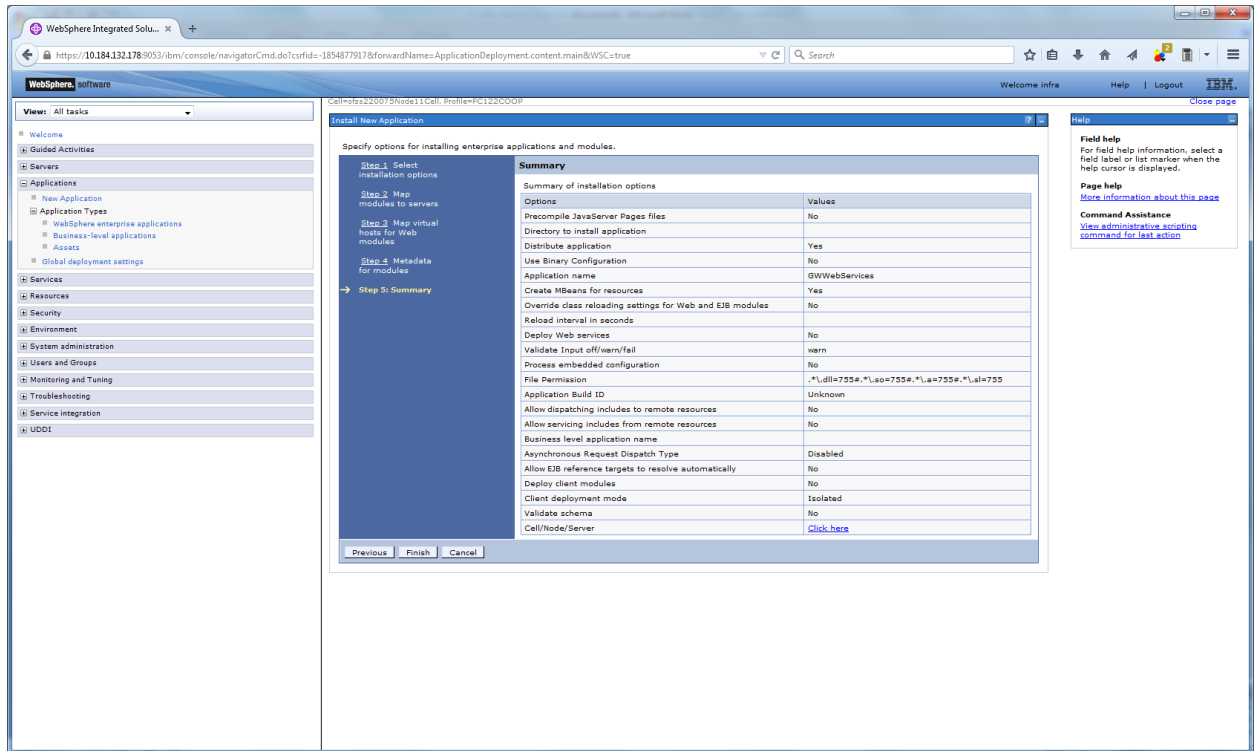
7. Click on next and the following screen is displayed.



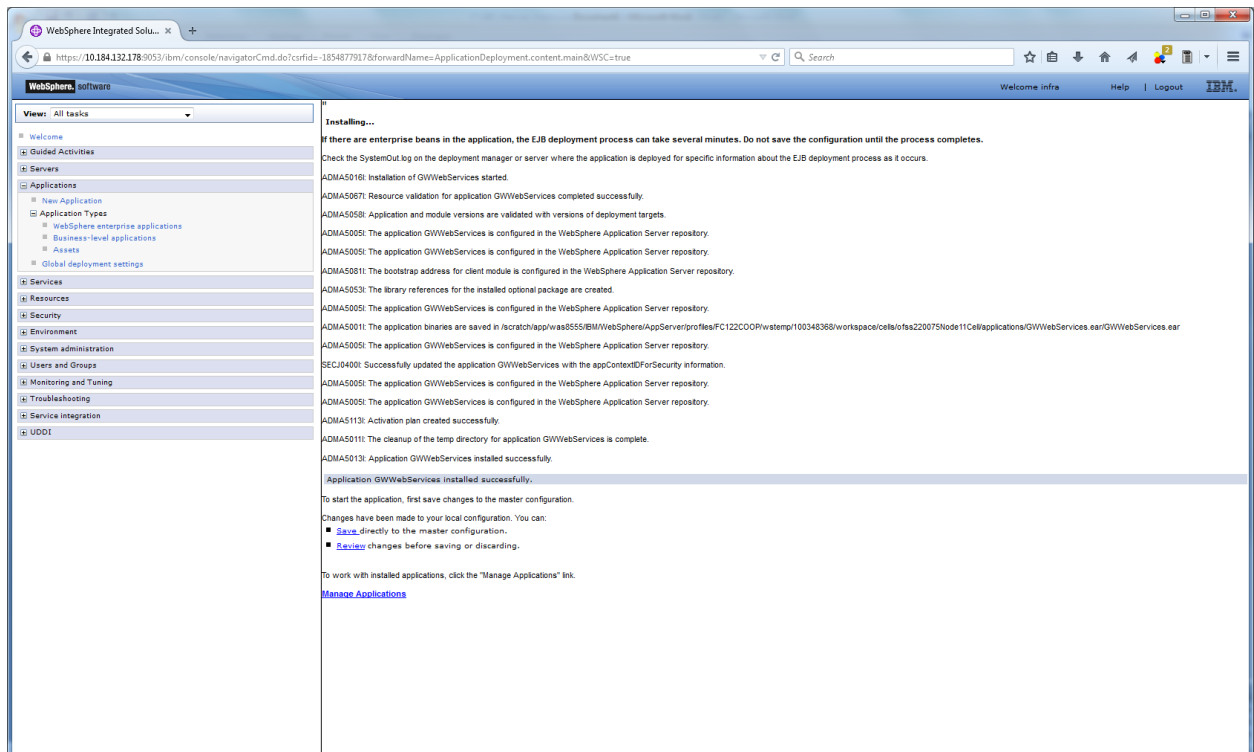
10. Click on next and the following screen is displayed.



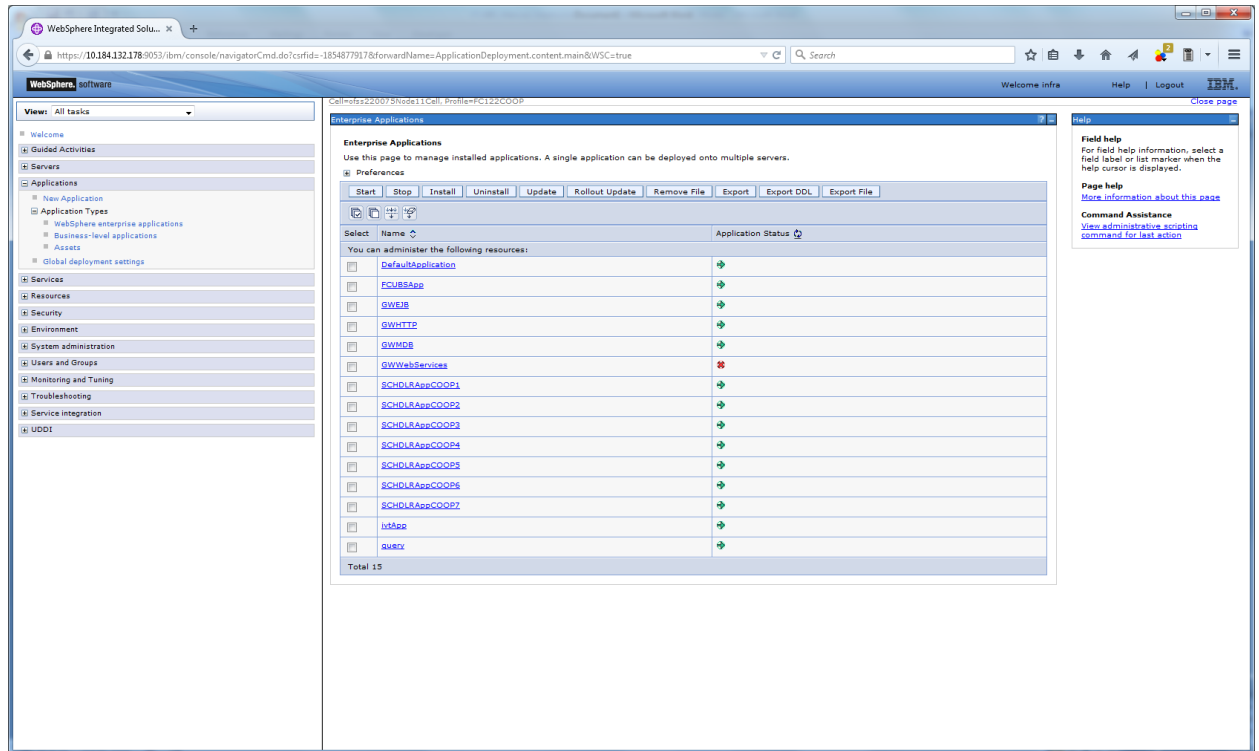
11. Click on next and the following screen is displayed.



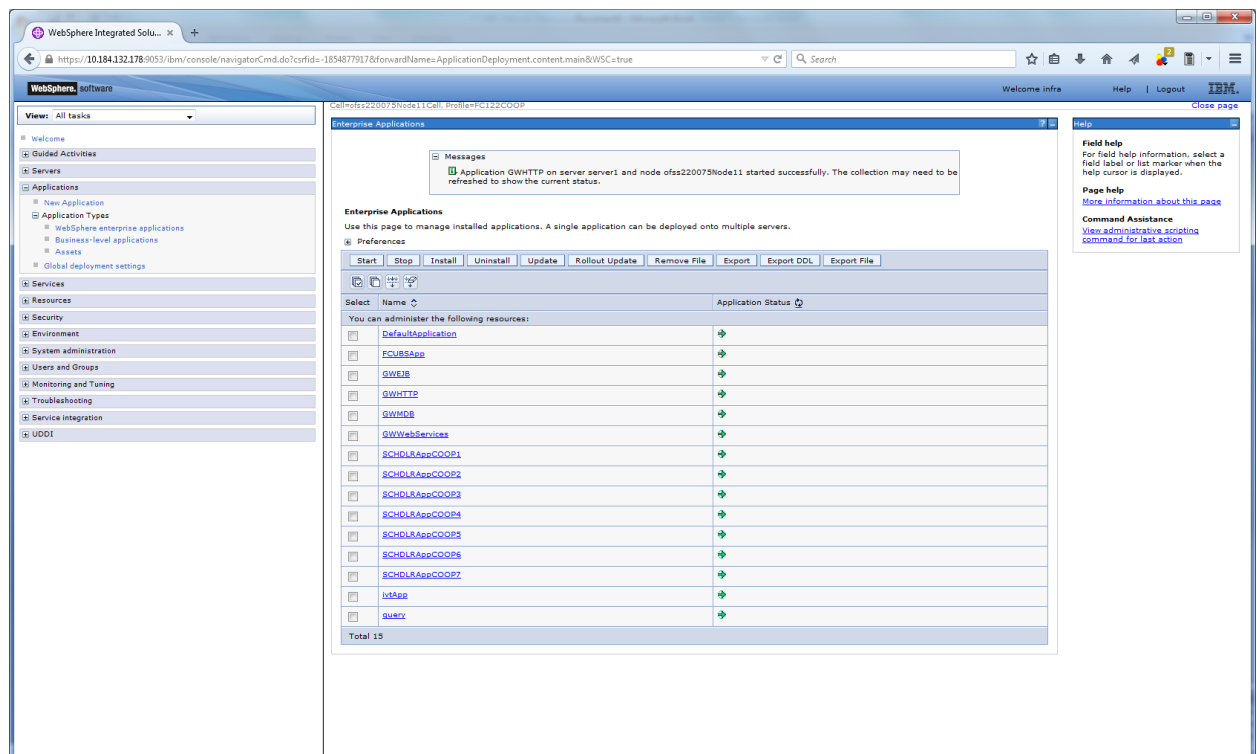
12. Click on finish and the following screen displayed.



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



14. Select the installed application and click on start.



GWWebServices application has been deployed successfully.



Deploying Oracle Banking Treasury Management on WebSphere

[November] [2020]

Version 14.4.0.2.0

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