

Deploying Oracle FLEXCUBE Application on WebSphere
Oracle FLEXCUBE Universal Banking
Release 14.0.0.0.0
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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.

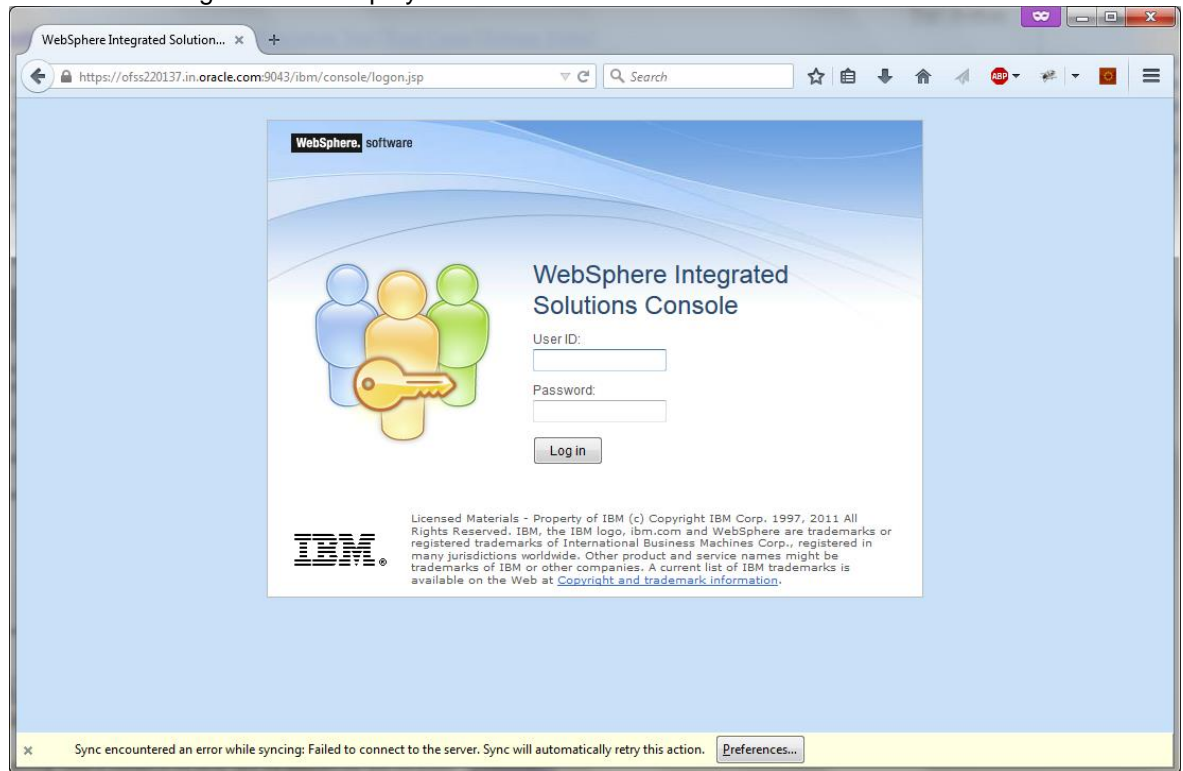
1.2 Deploying Application

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:

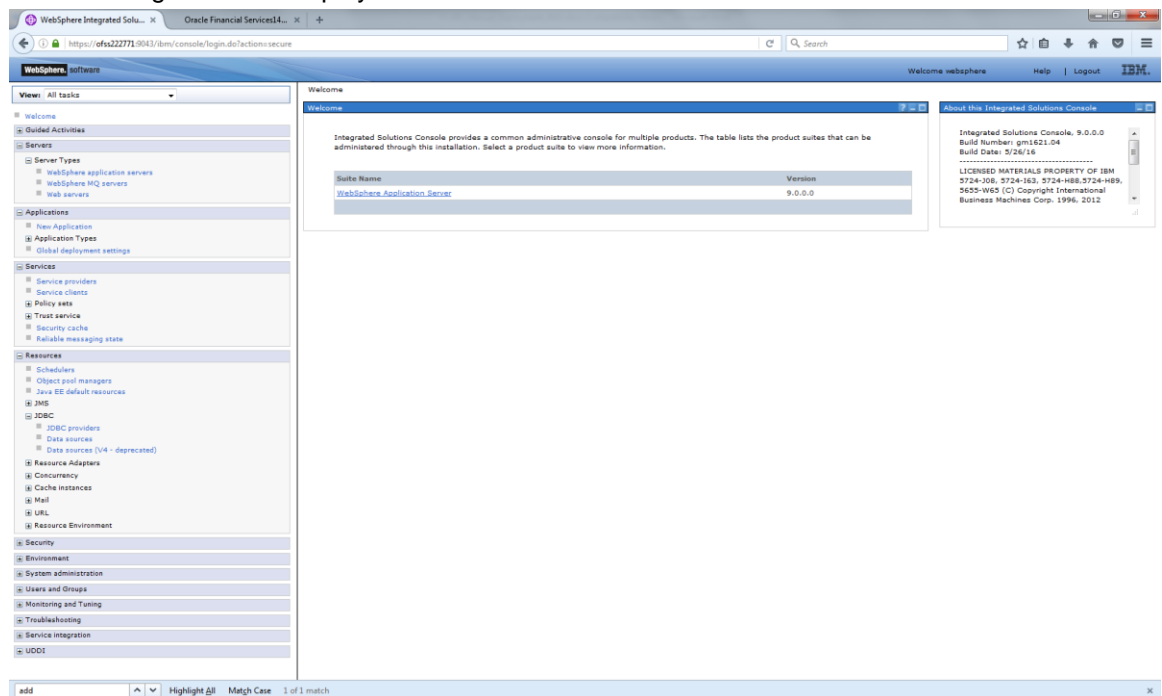
1. Copy Generated Integration Adapter (OBCLExtAdapter.jar or ExtAdapter.jar) to WebSphere Application server {Was_profile}/Extadapter. Eg:
`/scratch/IBM8559/WebSphere/AppServer/profiles/BGV8559_01/Extadapter`
2. Open the Administrative Console of WebSphere server:
 - Open an internet browser and type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



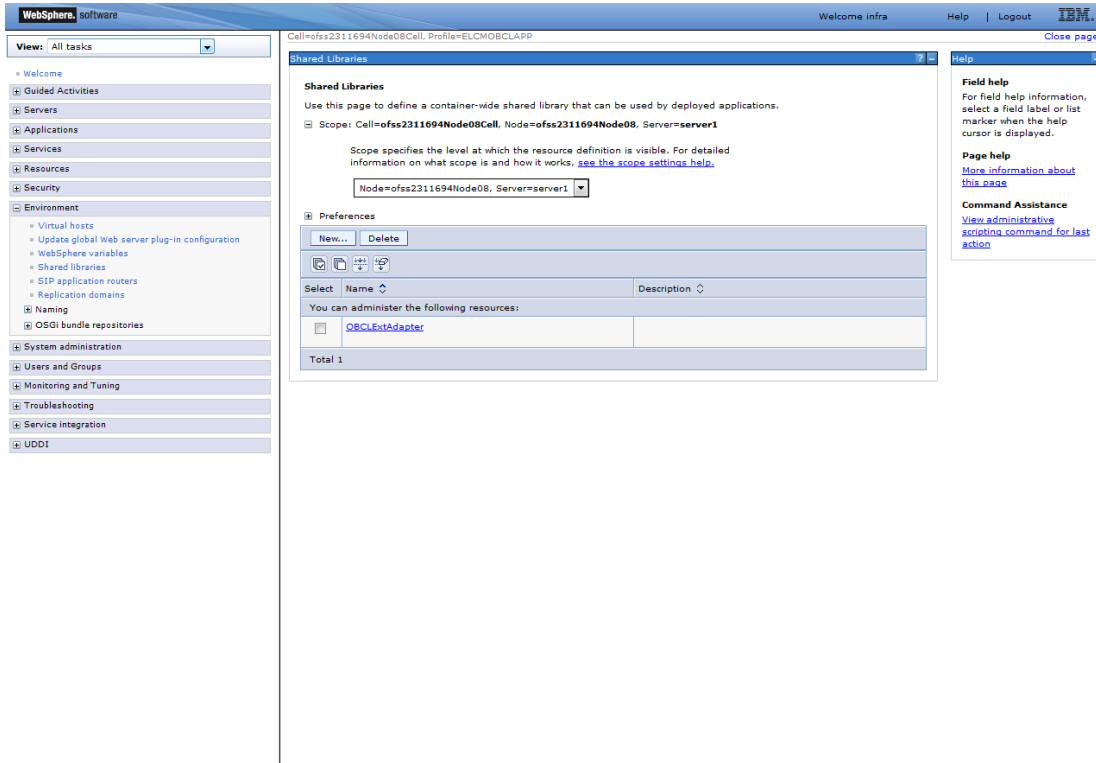
4. Enter the user name and password and click 'Log In' to log in to the application server.
5. Navigate to the WebSphere Home Page.

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

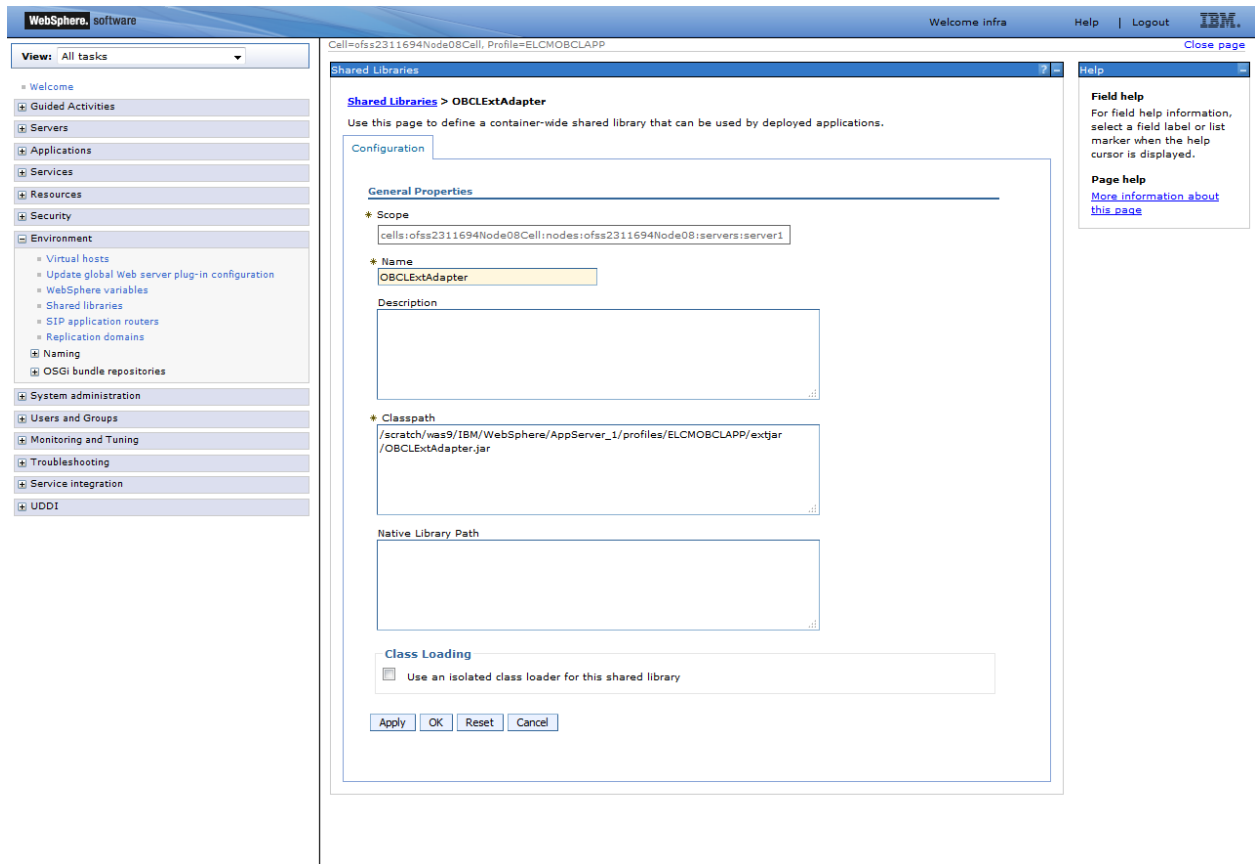
The following screen is displayed.

The screenshot shows the WebSphere Administration Console interface. The top navigation bar includes 'WebSphere, software', 'Welcome infra', 'Help | Logout', and the IBM logo. The breadcrumb trail is 'Cell=ofss2311694Node08Cell, Profile=ELCMOBCLAPP'. The left-hand navigation menu is expanded to 'Shared Libraries'. The main content area is titled 'Shared Libraries > New...' and contains the following configuration fields:

- Scope:** cells:ofss2311694Node08Cell:nodes:ofss2311694Node08:servers:server1
- Name:** (empty text field)
- Description:** (empty text area)
- Classpath:** (empty text area)
- Native Library Path:** (empty text area)
- Class Loading:** Use an isolated class loader for this shared library

At the bottom of the configuration area are buttons for 'Apply', 'OK', 'Reset', and 'Cancel'. A help panel on the right contains 'Field help' and 'Page help' sections.

- Name : Name of the Adapter
- Description : provide description
- Classpath: provide ExtAdapter Jar path server {Was_profile}/Extadapter. Eg: /scratch/IBM8559/WebSphere/AppServer/profiles/BGV8559_01/Extadapter.



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:

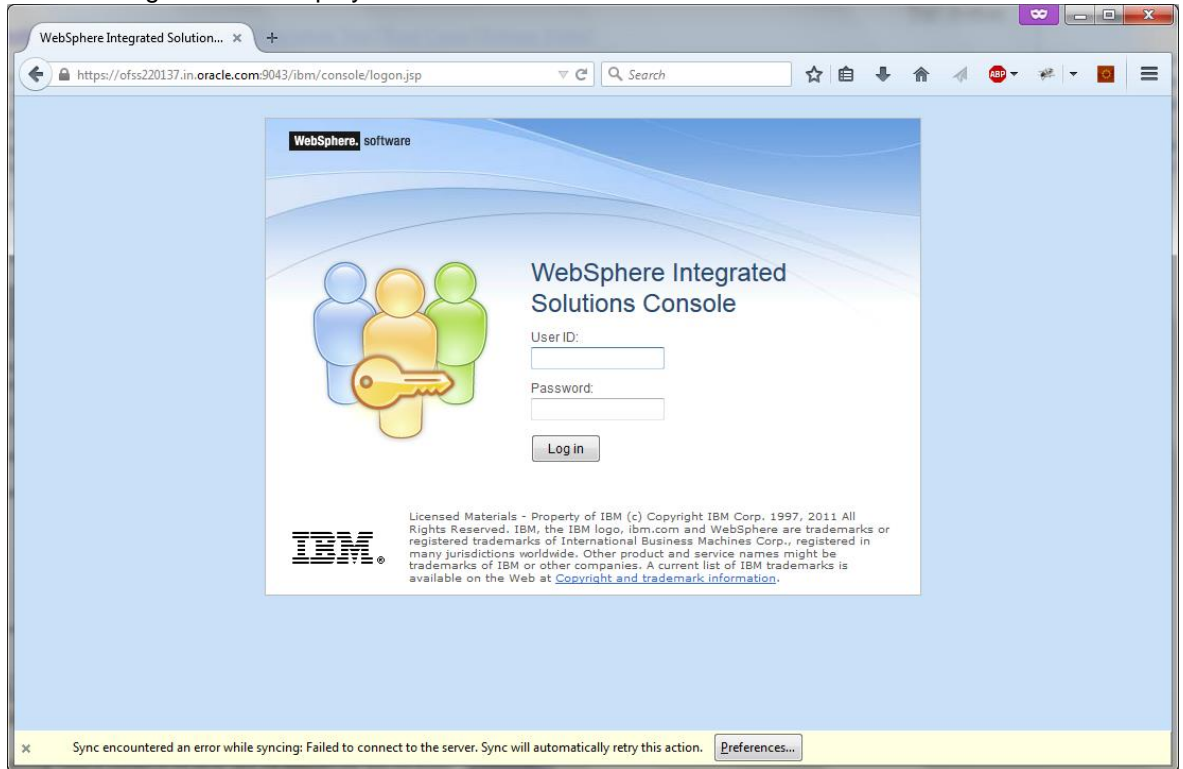
9. Open the Administrative Console of WebSphere server:

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

Eg: https://10.10.10.10:1010/console

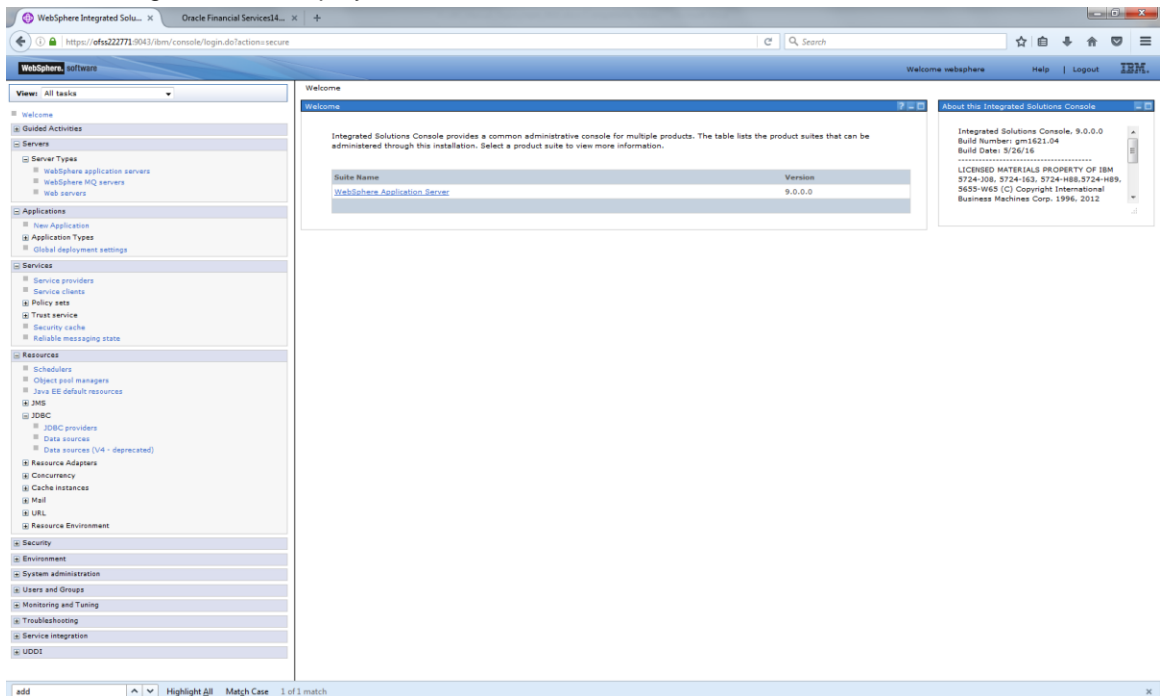
In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running.

The following screen is displayed:



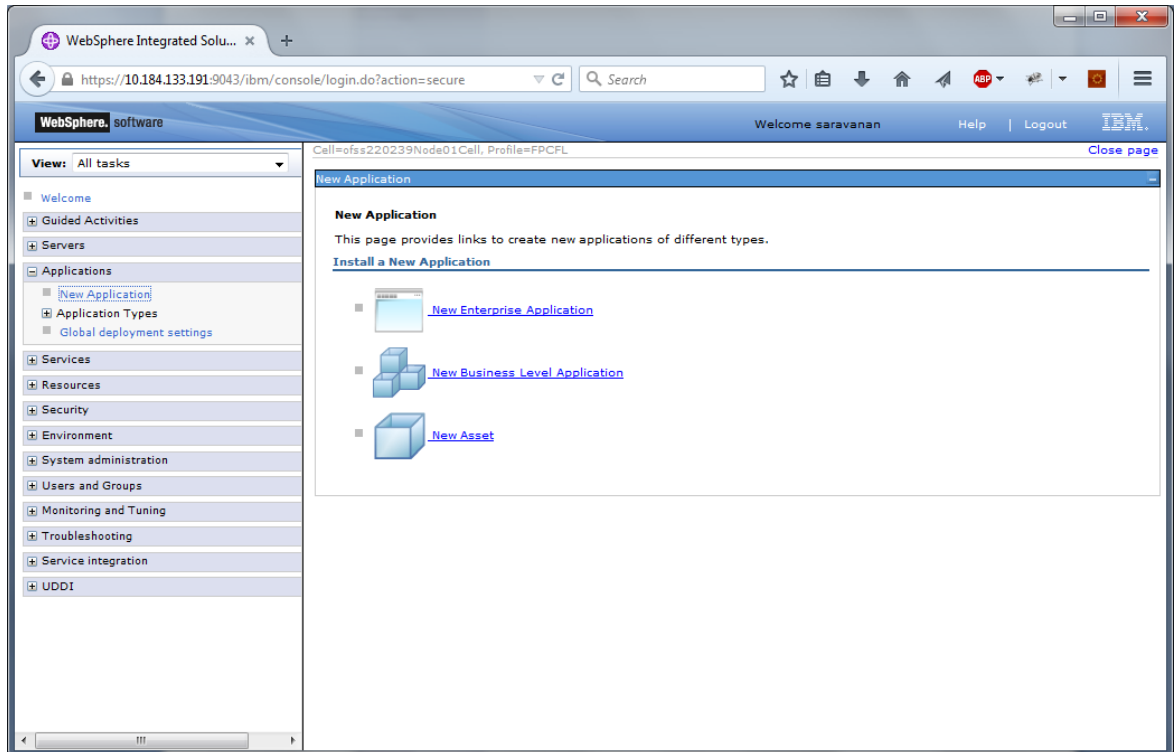
10. Enter the user name and password and click 'Log In' to log in to the application server.
11. Navigate to the WebSphere Home Page.

The following screen is displayed.

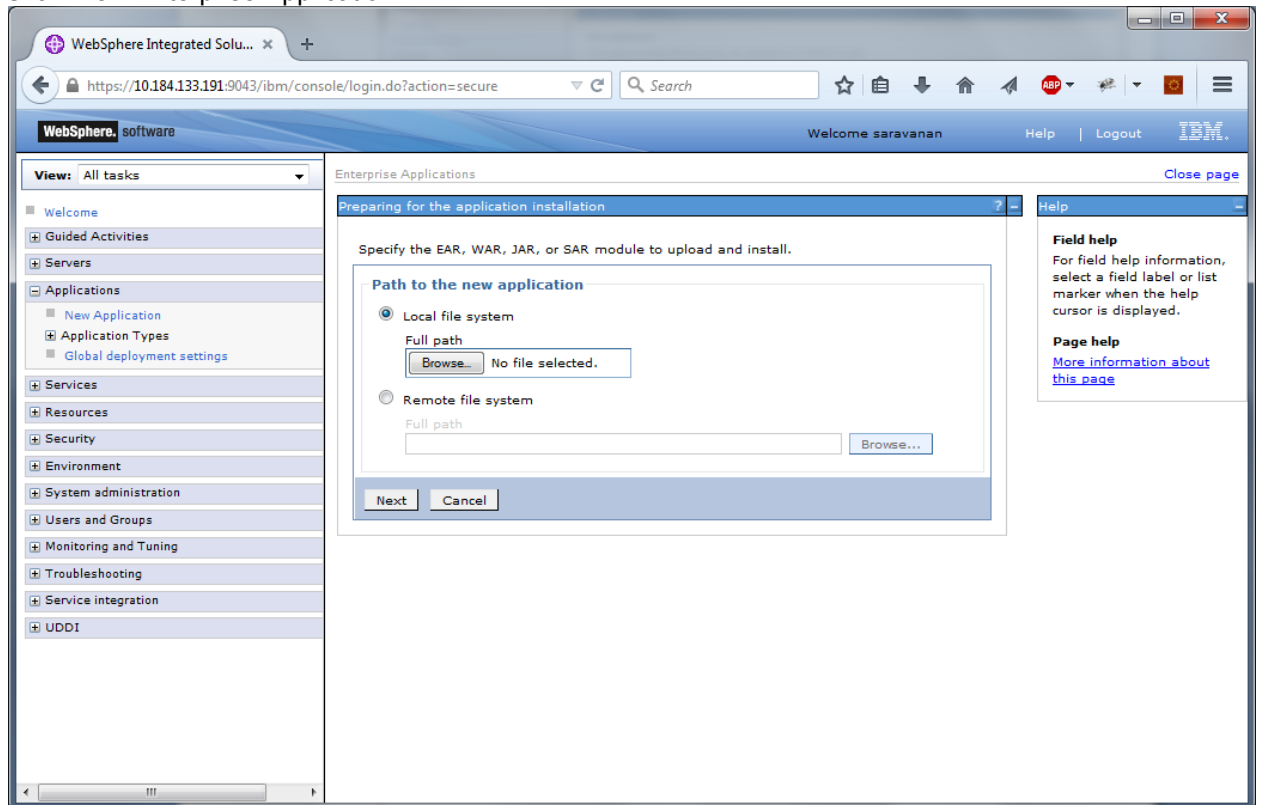


12. Expand Applications from left-side menu and Click 'New Application'.

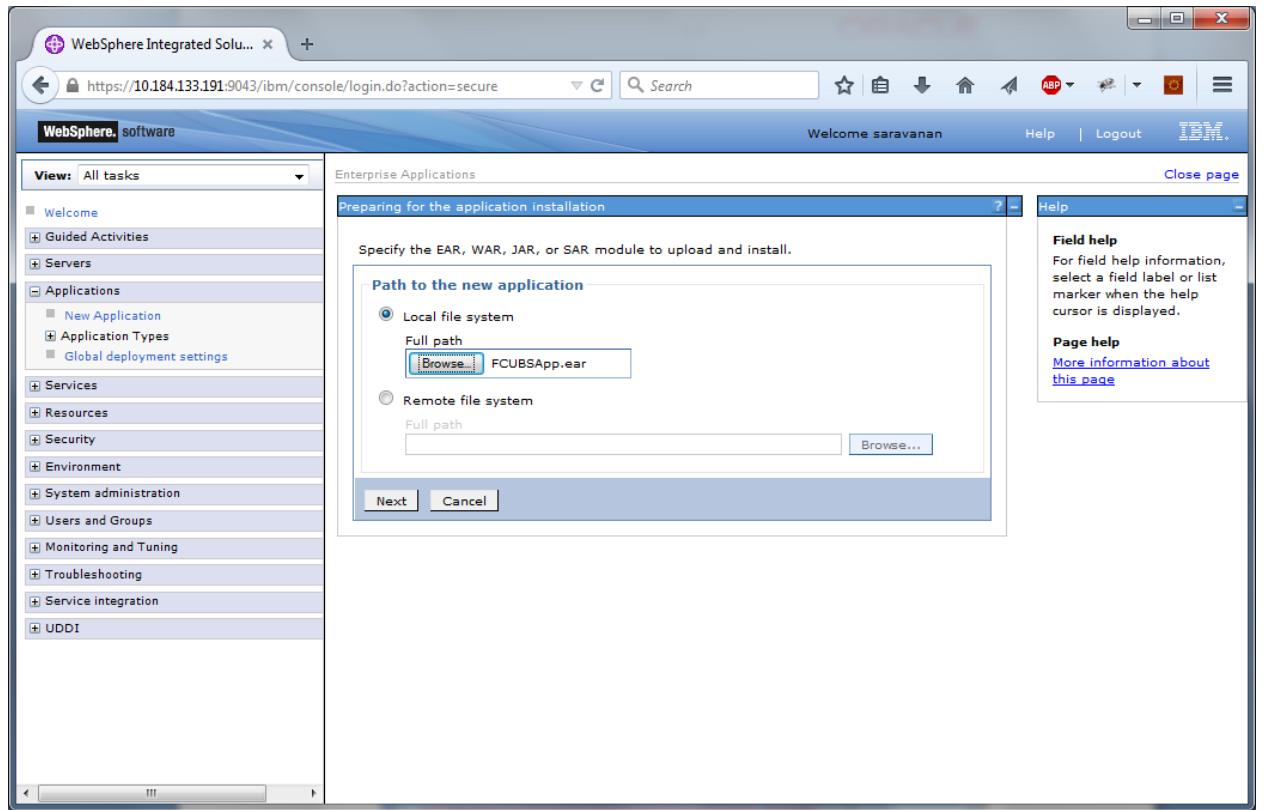
The following screen is displayed.



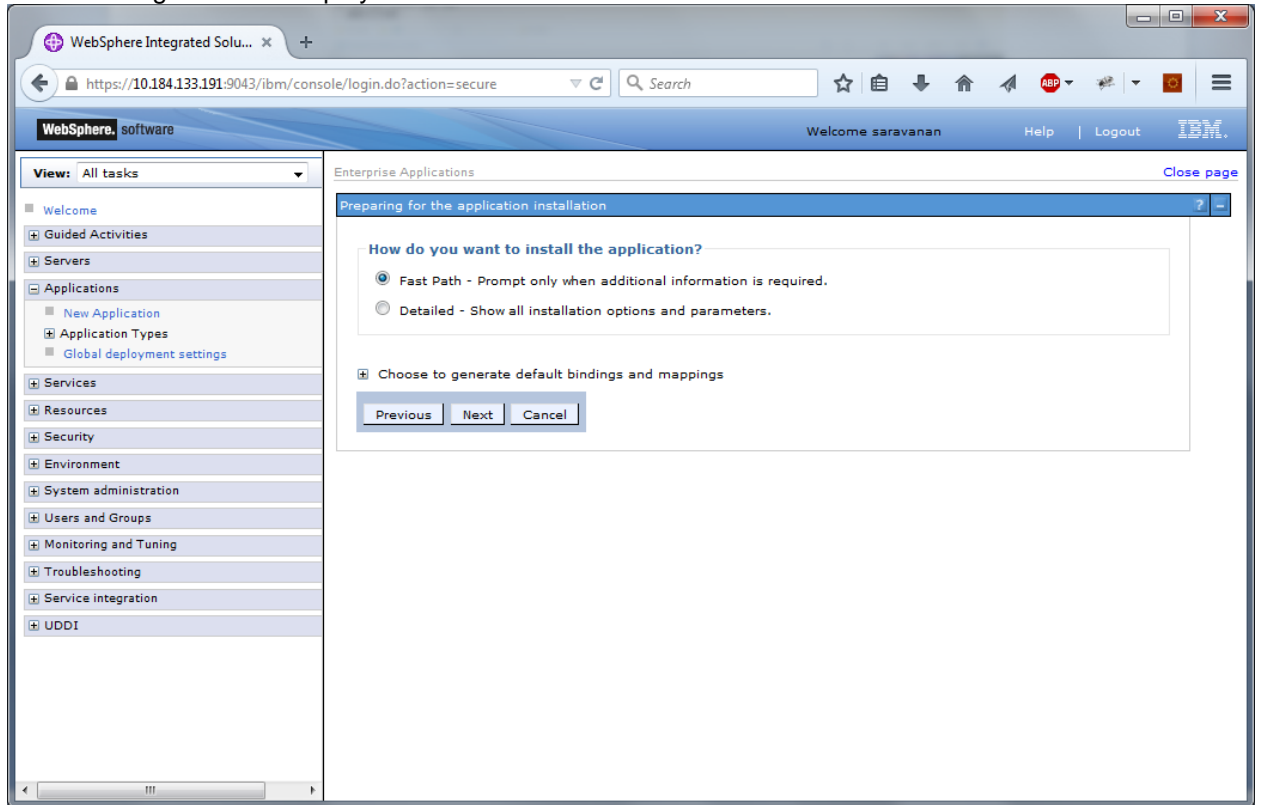
13. Click 'New Enterprise Application.'



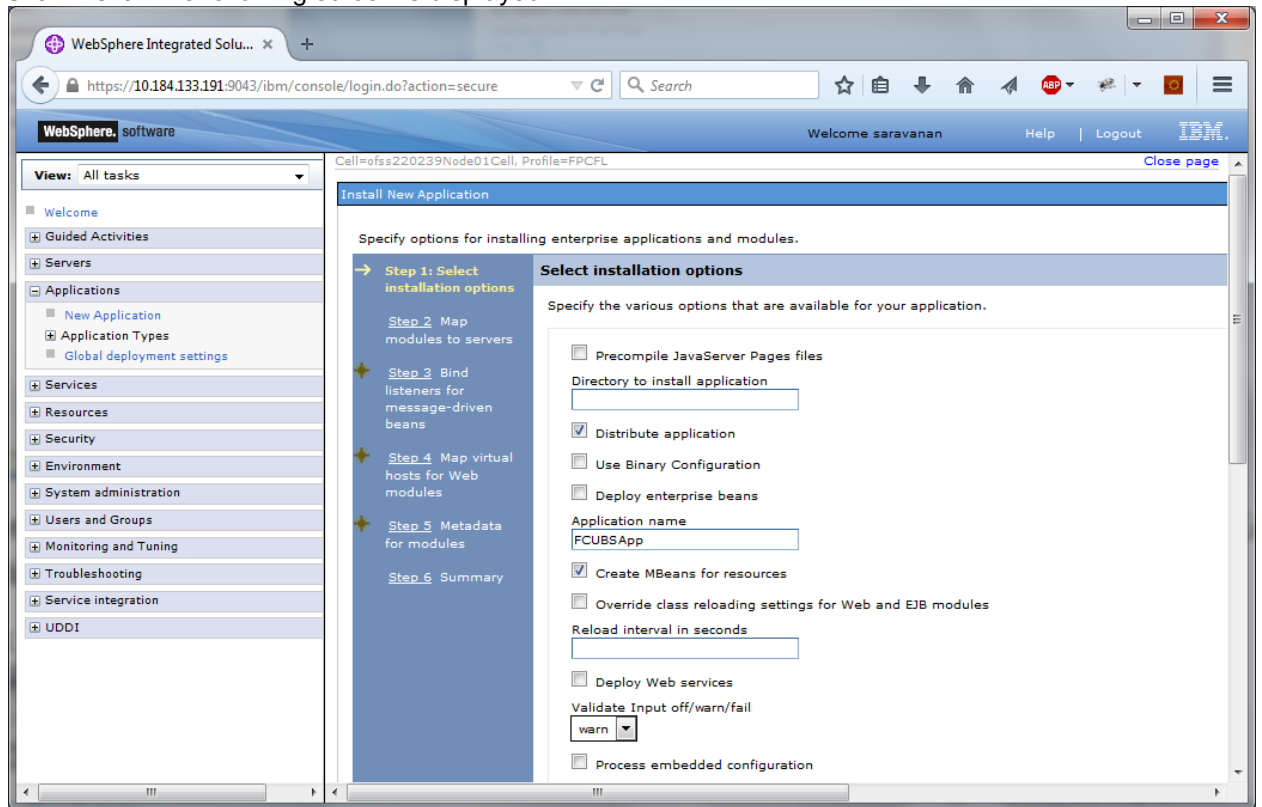
14. Browse the application EAR file and click next button



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'.

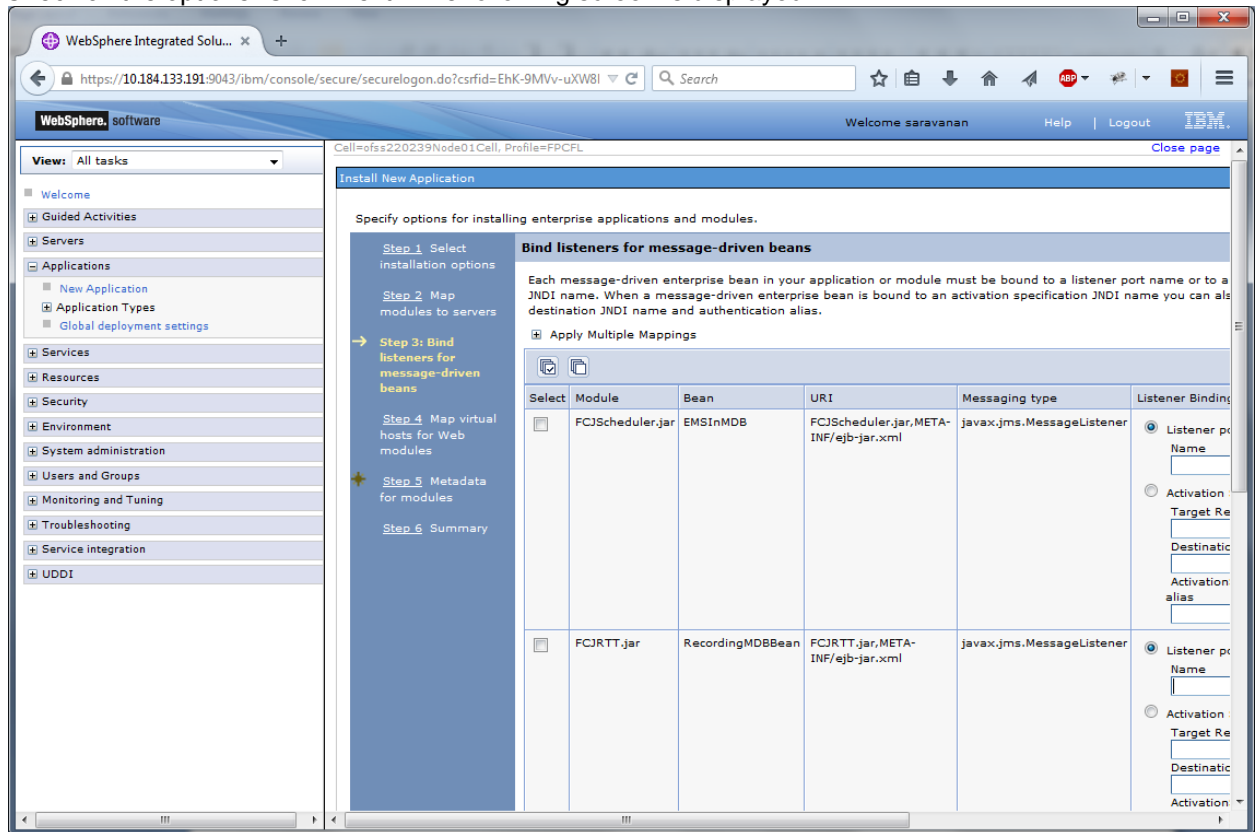
The screenshot shows the WebSphere Integrated Solutions console. The browser address bar displays `https://10.184.133.191:9043/ibm/console/secure/securelogin.do?csrfid=EhK-9MVv-uXW8l`. The console header shows 'WebSphere, software' and 'Welcome saravanan'. The left navigation pane is set to 'View: All tasks' and lists various categories like 'Welcome', 'Guided Activities', 'Servers', 'Applications', 'Services', 'Resources', 'Security', 'Environment', 'System administration', 'Users and Groups', 'Monitoring and Tuning', 'Troubleshooting', 'Service integration', and 'UDDI'. The central step indicator shows 'Step 2: Map modules to servers' as the active step. The main content area is titled 'Map modules to servers' and contains the following text: 'Specify targets such as application servers or clusters of application servers where you want to install the modules to application. Modules can be installed on the same application server or dispersed among several application servers as targets that serve as routers for requests to this application. The plug-in configuration file (plugin-cfg.xml) generated, based on the applications that are routed through.'

Below the text, there is a 'Clusters and servers:' section with a text input field containing `WebSphere:cell=ofss220239Node01Cell,node=ofss220239Node01,server=server1` and an 'Apply' button. Below this is a table with the following data:

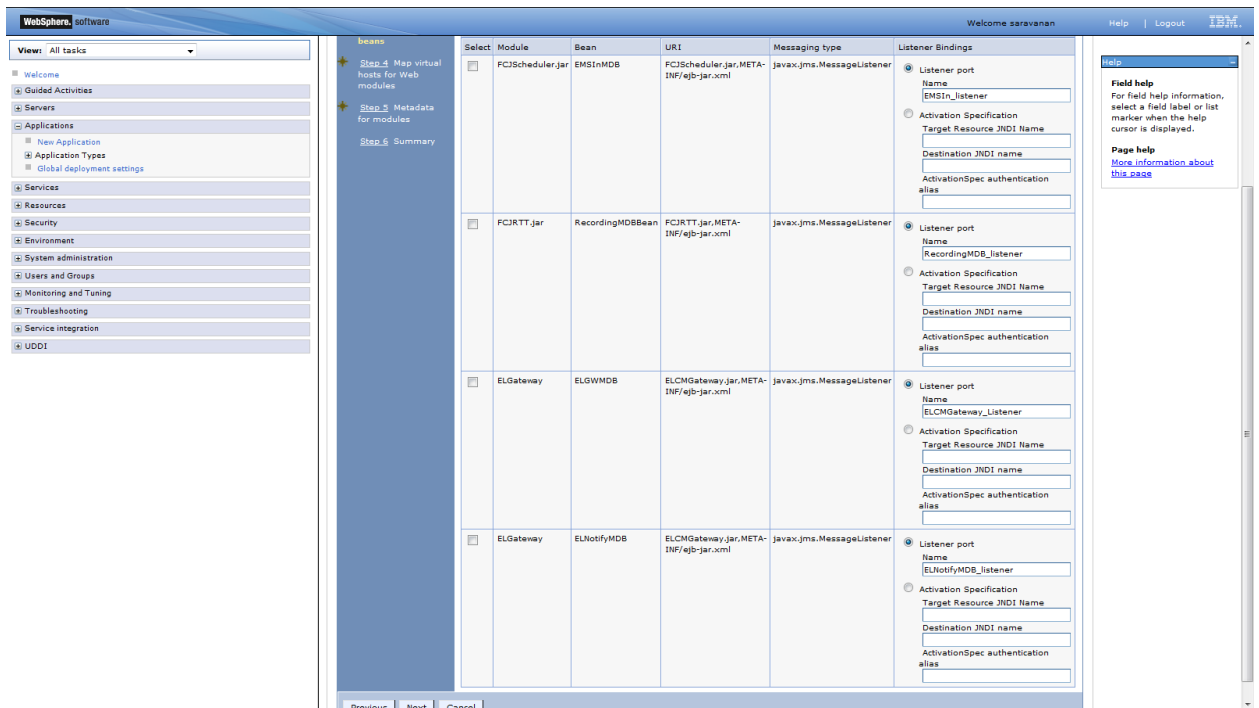
Select	Module	URI	Server
<input type="checkbox"/>	FCJGeneralEJB.jar	FCJGeneralEJB.jar,META-INF/ejb-jar.xml	WebSphere:cell=ofss220239Node01Cell,node=ofss220239Node01,server=server1
<input type="checkbox"/>	FCJSMS.jar	FCJSMS.jar,META-INF/ejb-jar.xml	WebSphere:cell=ofss220239Node01Cell,node=ofss220239Node01,server=server1
<input type="checkbox"/>	FCJBatch.jar	FCJBatch.jar,META-INF/ejb-jar.xml	WebSphere:cell=ofss220239Node01Cell,node=ofss220239Node01,server=server1
<input type="checkbox"/>	FCServiceEJB.jar	FCServiceEJB.jar,META-INF/ejb-jar.xml	WebSphere:cell=ofss220239Node01Cell,node=ofss220239Node01,server=server1
<input type="checkbox"/>	FCJScheduler.jar	FCJScheduler.jar,META-INF/ejb-jar.xml	WebSphere:cell=ofss220239Node01Cell,node=ofss220239Node01,server=server1
<input type="checkbox"/>	FCJRTT.jar	FCJRTT.jar,META-INF/ejb-jar.xml	WebSphere:cell=ofss220239Node01Cell,node=ofss220239Node01,server=server1
<input type="checkbox"/>	ELCMEJB.jar	ELCMEJB.jar,META-INF/ejb-jar.xml	WebSphere:cell=ofss220239Node01Cell,node=ofss220239Node01,server=server1
<input type="checkbox"/>	ELGateway	ELCMGateway.jar,META-INF/ejb-jar.xml	WebSphere:cell=ofss220239Node01Cell,node=ofss220239Node01,server=server1
<input type="checkbox"/>	FlexCubeCorporate	FCJNeoWeb.war,WEB-INF/web.xml	WebSphere:cell=ofss220239Node01Cell,node=ofss220239Node01,server=server1
<input type="checkbox"/>	Enterprise Limits Gateway	ELCMWeb.war,WEB-INF/web.xml	WebSphere:cell=ofss220239Node01Cell,node=ofss220239Node01,server=server1

At the bottom of the console, there are 'Previous', 'Next', and 'Cancel' buttons.

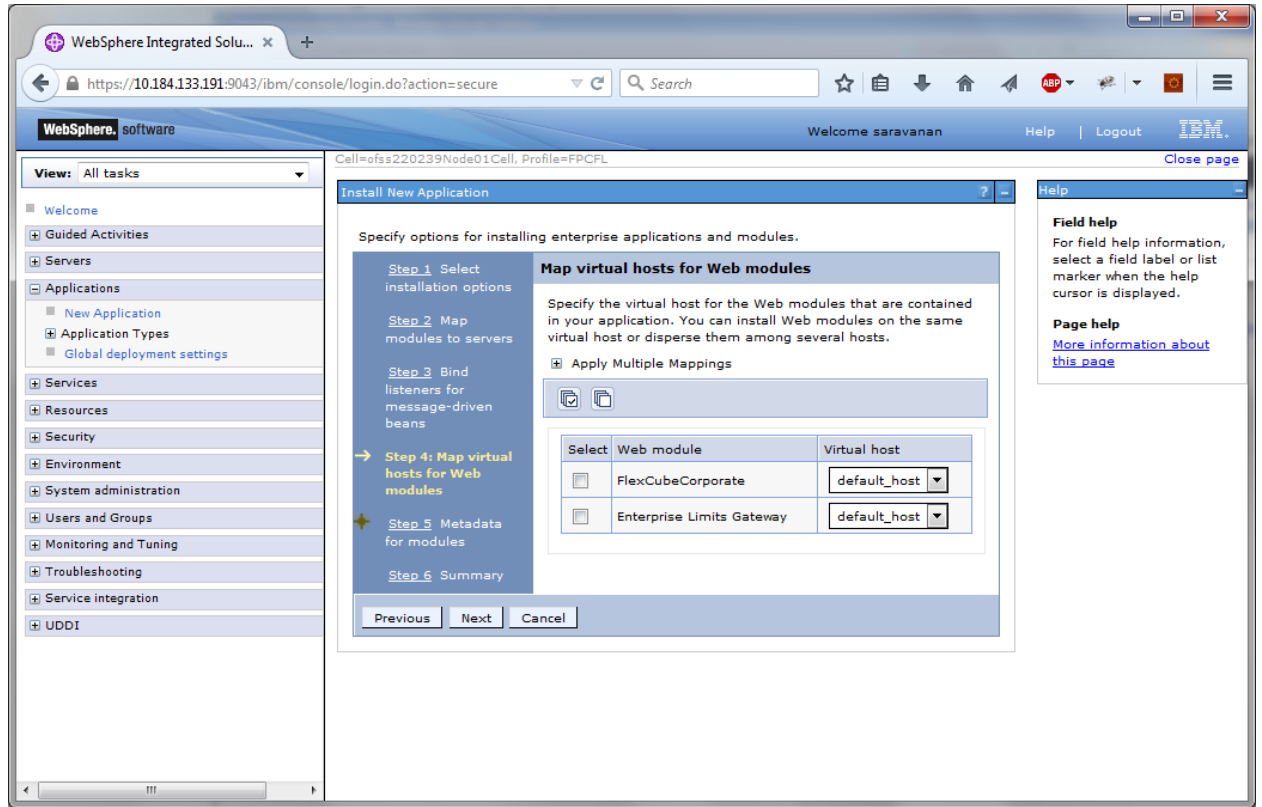
18. Check all the options. Click 'Next'. The following screen is displayed.



19. Specify the details as shown in the figure.



20. Click 'Next'. Following screen is displayed



21. Click 'Next'.

The following screen is displayed.

WebSphere Integrated Solu... x

https://10.184.133.191:9043/ibm/console/login.do?action=secure

WebSphere. software Welcome saravanan Help | Logout IBM.

View: All tasks

- Welcome
- Guided Activities
- Servers
- Applications
 - New Application
 - Application Types
 - Global deployment settings
- Services
- Resources
- Security
- Environment
- System administration
- Users and Groups
- Monitoring and Tuning
- Troubleshooting
- Service integration
- UDDI

listeners for message-driven beans

Step 4 Map virtual hosts for Web modules

→ Step 5: Metadata for modules

Step 6 Summary

read. If the attribute remains false, then the annotation-based metadata is scanned each time the module is read and can impact performance.

Module	URI	metadata-complete attribute
FCJGeneralEJB.jar	FCJGeneralEJB.jar,META-INF/ejb-jar.xml	<input type="checkbox"/>
FCJSMS.jar	FCJSMS.jar,META-INF/ejb-jar.xml	<input type="checkbox"/>
FCJBatch.jar	FCJBatch.jar,META-INF/ejb-jar.xml	<input type="checkbox"/>
FCServiceEJB.jar	FCServiceEJB.jar,META-INF/ejb-jar.xml	<input type="checkbox"/>
FCJScheduler.jar	FCJScheduler.jar,META-INF/ejb-jar.xml	<input type="checkbox"/>
FCJRTT.jar	FCJRTT.jar,META-INF/ejb-jar.xml	<input type="checkbox"/>
ELCMEJB	ELCMEJB.jar,META-INF/ejb-jar.xml	<input type="checkbox"/>
ELGateway	ELCMGateway.jar,META-INF/ejb-jar.xml	<input type="checkbox"/>
FlexCubeCorporate	FCJNeoWeb.war,WEB-INF/web.xml	<input type="checkbox"/>
Enterprise Limits Gateway	ELCMWeb.war,WEB-INF/web.xml	<input type="checkbox"/>

Field help
For field help information, select a field label or list marker when the help cursor is displayed.

Page help
[More information about this page](#)

FCJ Highlight All Match Case 20 of 20 matches

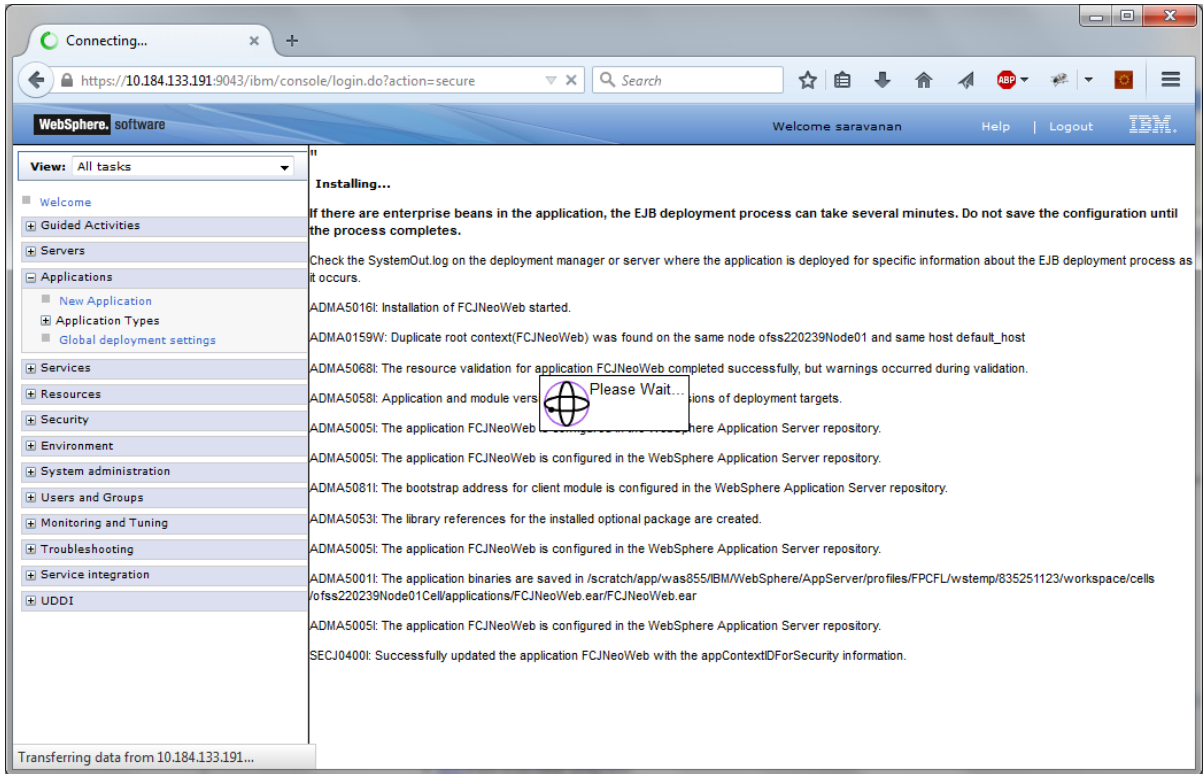
Click next.

The screenshot shows the WebSphere Integrated Solutions console. The main content area is titled 'Install New Application' and contains a 'Summary' section. The summary is a table with two columns: 'Options' and 'Values'. The table lists various installation options and their corresponding values.

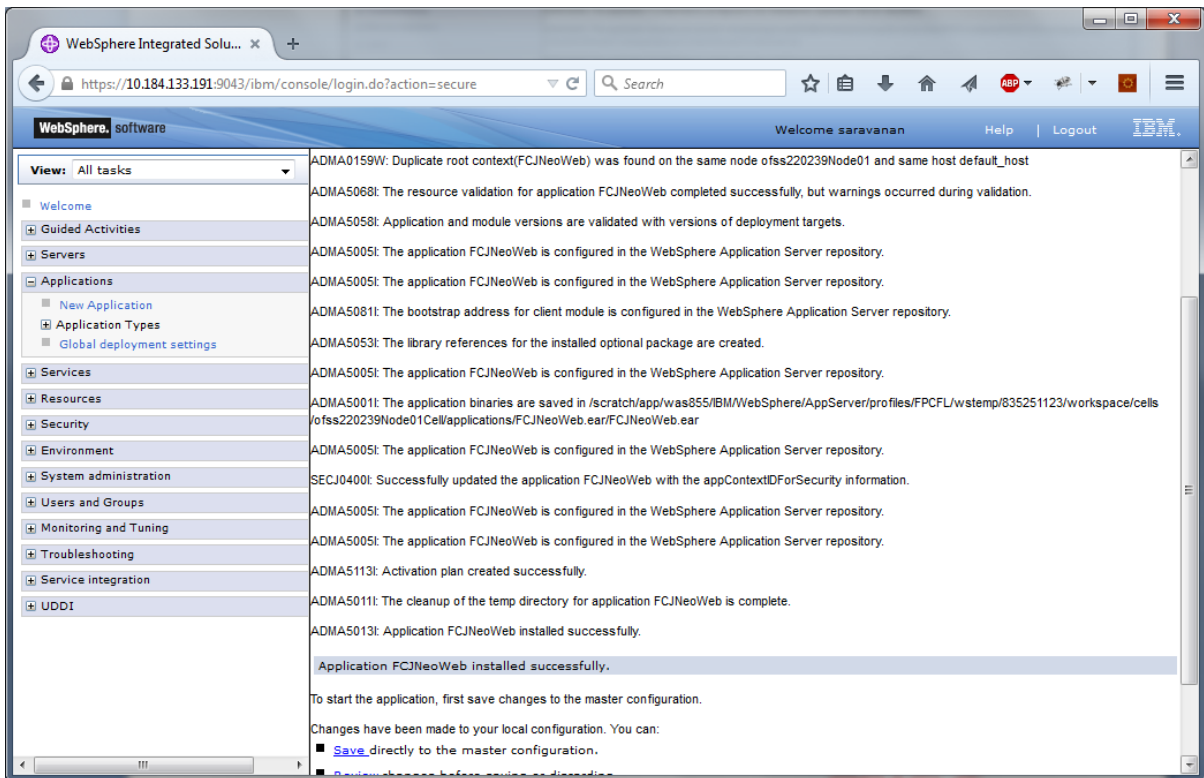
Options	Values
Precompile JavaServer Pages files	No
Directory to install application	
Distribute application	Yes
Use Binary Configuration	No
Deploy enterprise beans	No
Application name	FCUBSApp
Create MBeans for resources	Yes
Override class reloading settings for Web and EJB modules	No
Reload interval in seconds	
Deploy Web services	No
Validate Input off/warn/fail	warn
Process embedded configuration	No
File Permission	.*\,dll=755#.*\,so=755#.*\,a=755#.*\,sl=755
Application Build ID	Unknown
Allow dispatching includes to remote resources	No
Allow servicing includes from remote resources	No
Business level application name	
Asynchronous Request Dispatch Type	Disabled
Allow EJB reference targets to resolve automatically	No

22. Click 'Finish'.

The following screen is displayed.

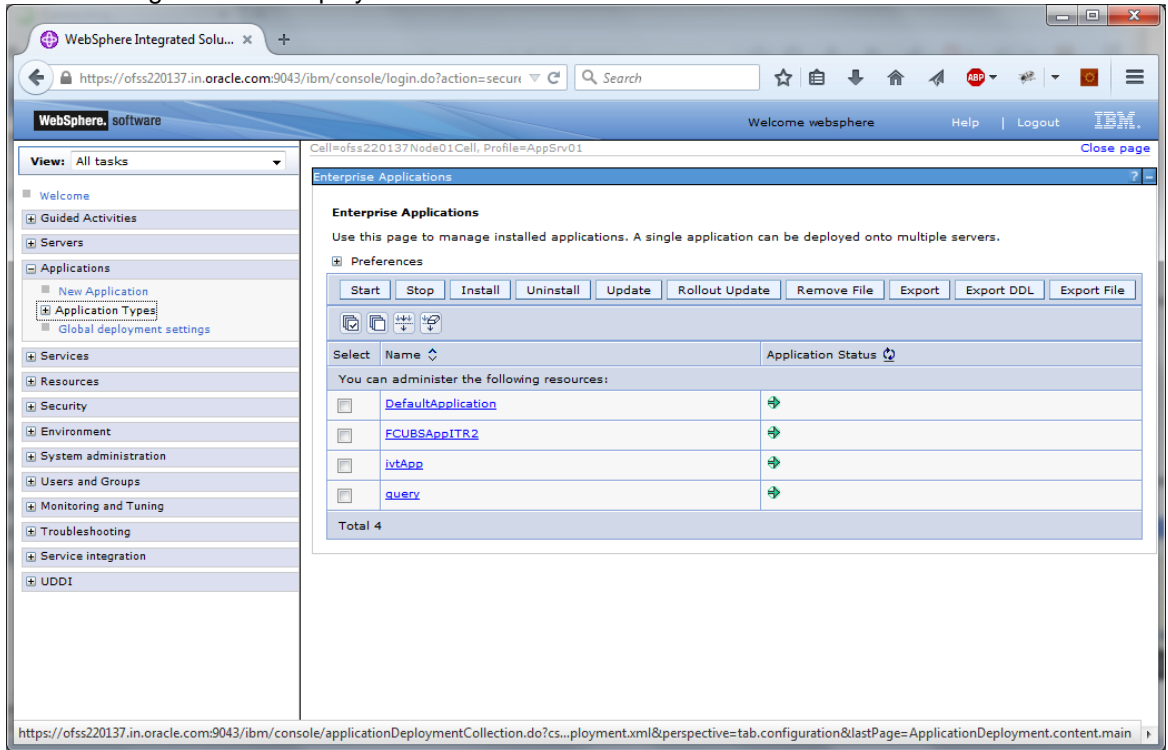


Wait for few seconds...



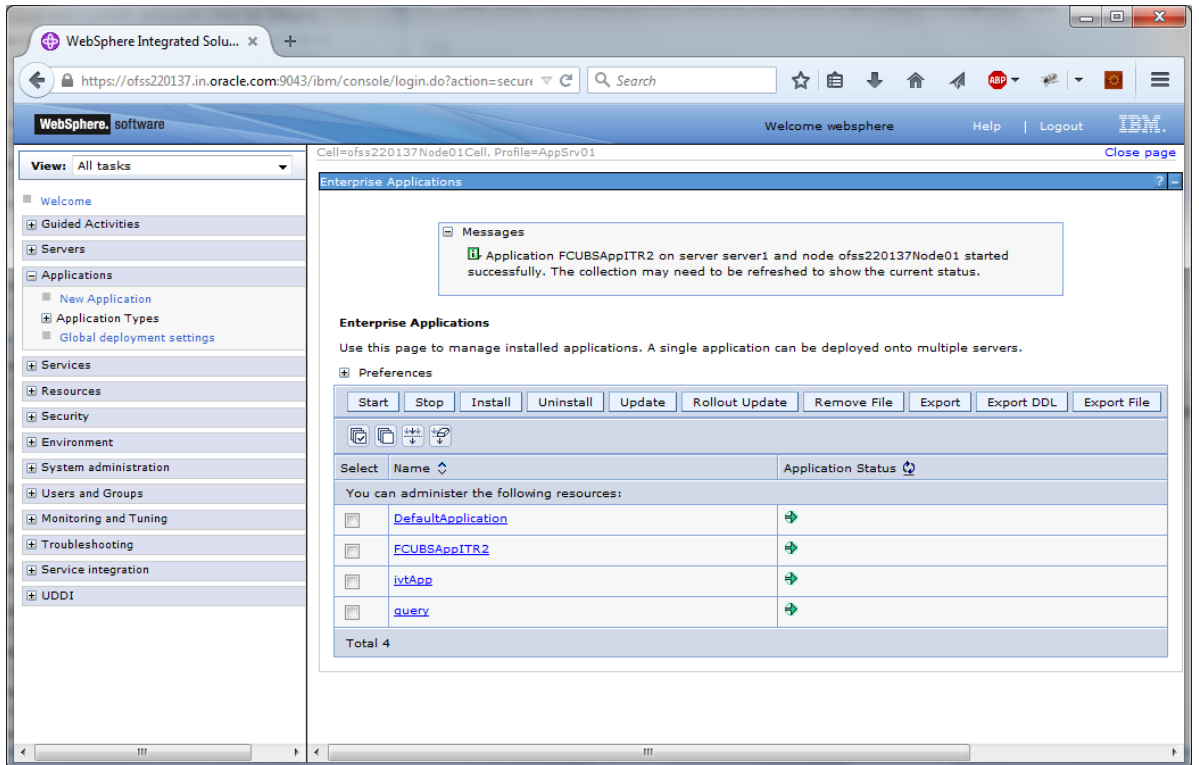
23. Click 'Save'.

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 **FCUBS Scheduler Application Deployment**

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

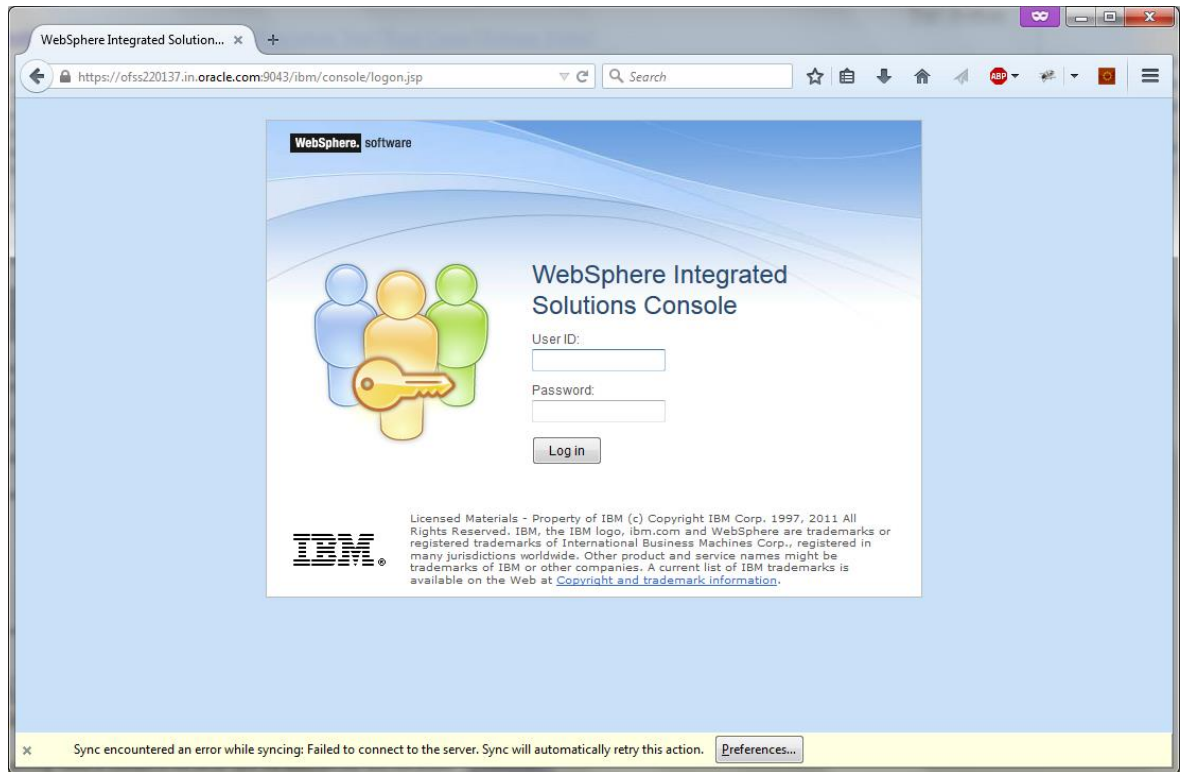
1. Open the Administrative Console of WebSphere server:

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

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

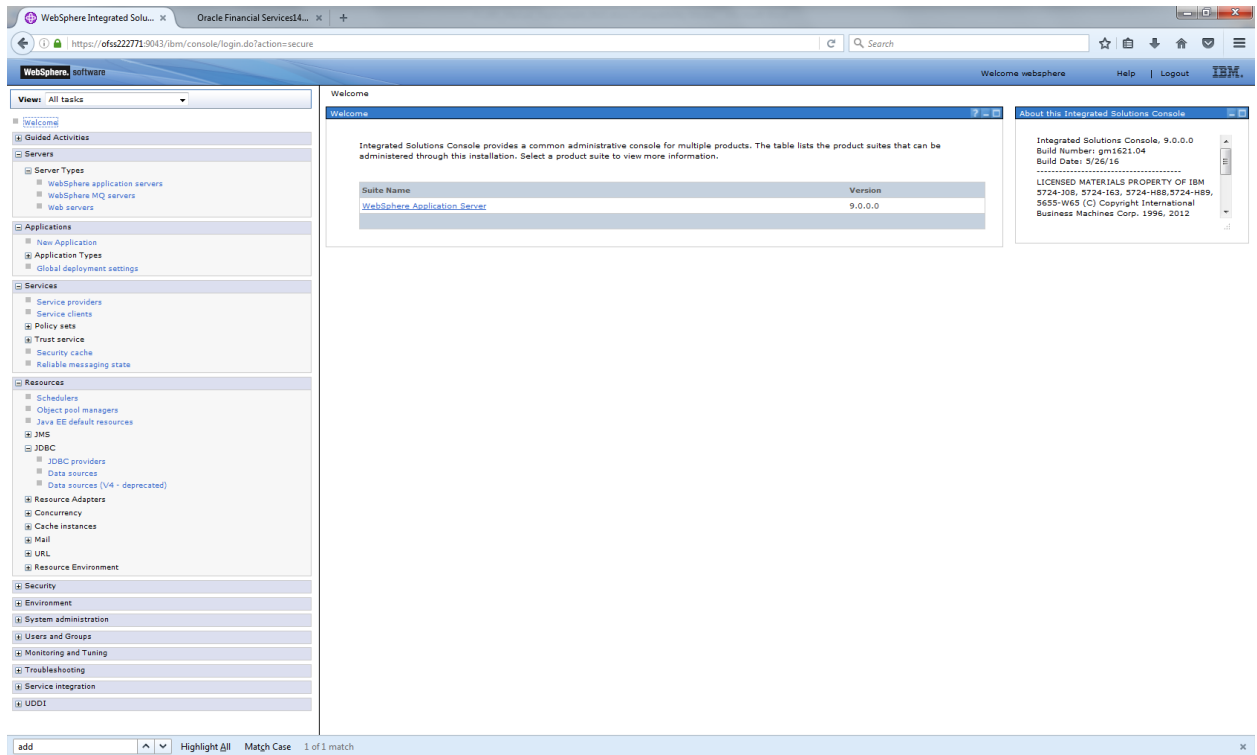
In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running.

The following screen is displayed:



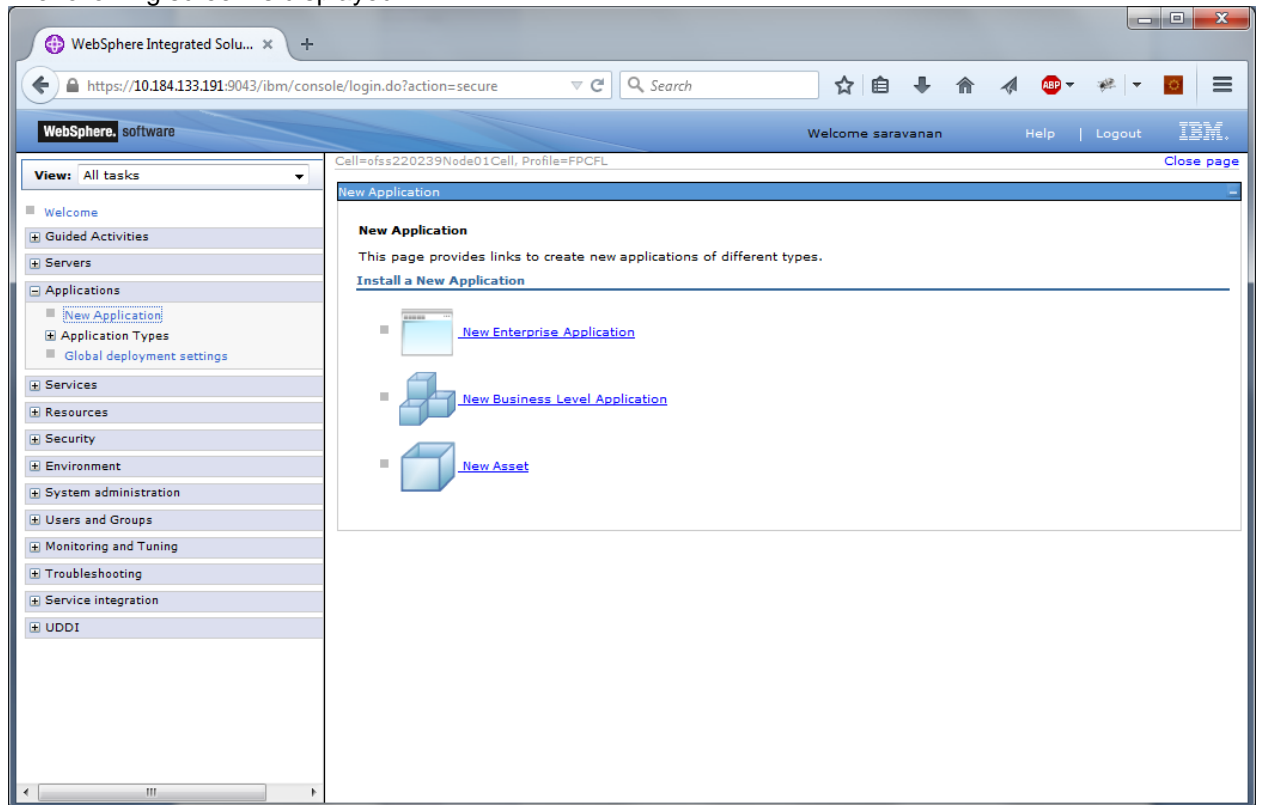
2. Enter the user name and password and click 'Log In' to log in to the application server.
3. Navigate to the WebSphere Home Page.

The following screen is displayed.

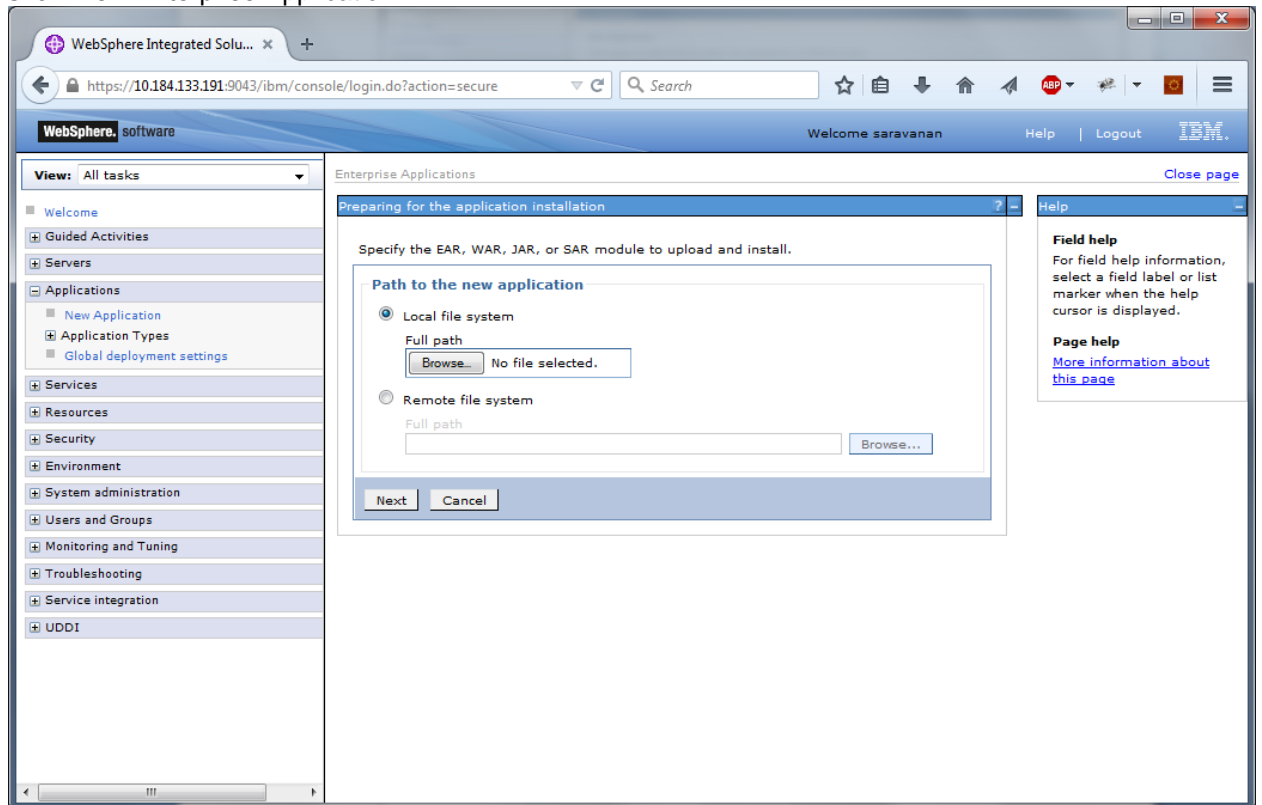


4. Expand Applications from left-side menu and Click 'New Application'.

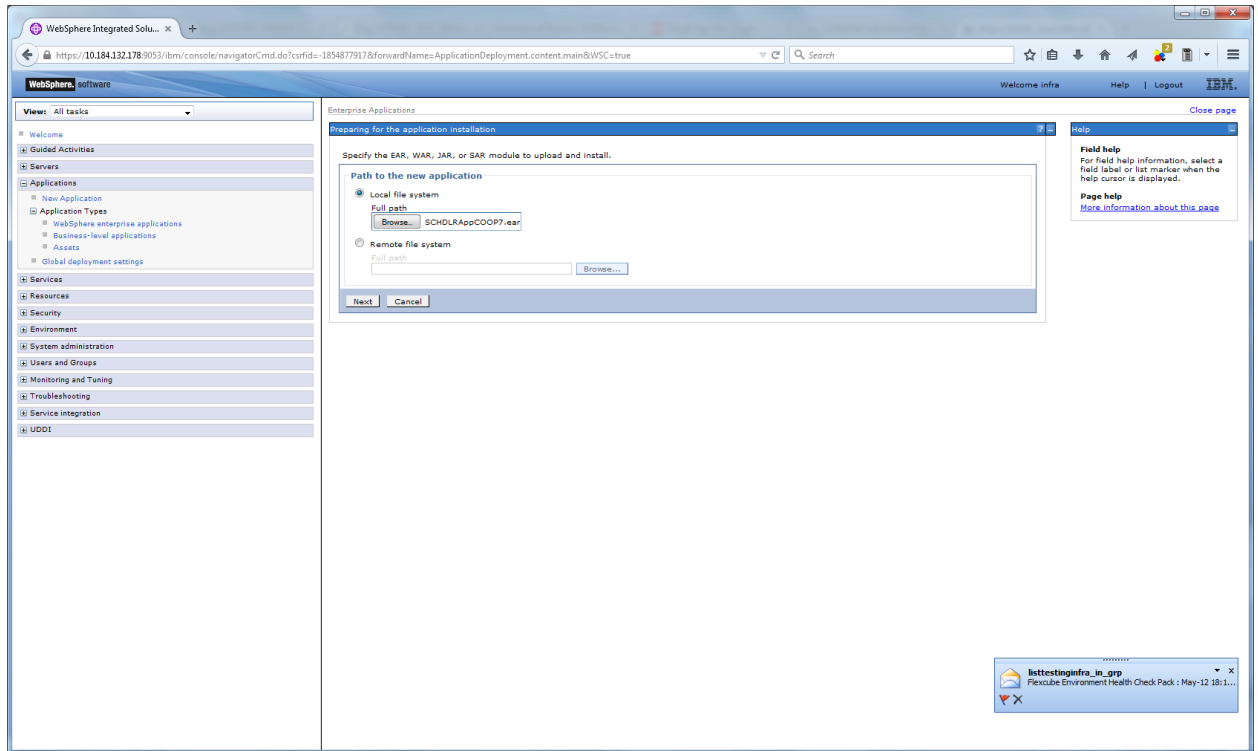
The following screen is displayed.



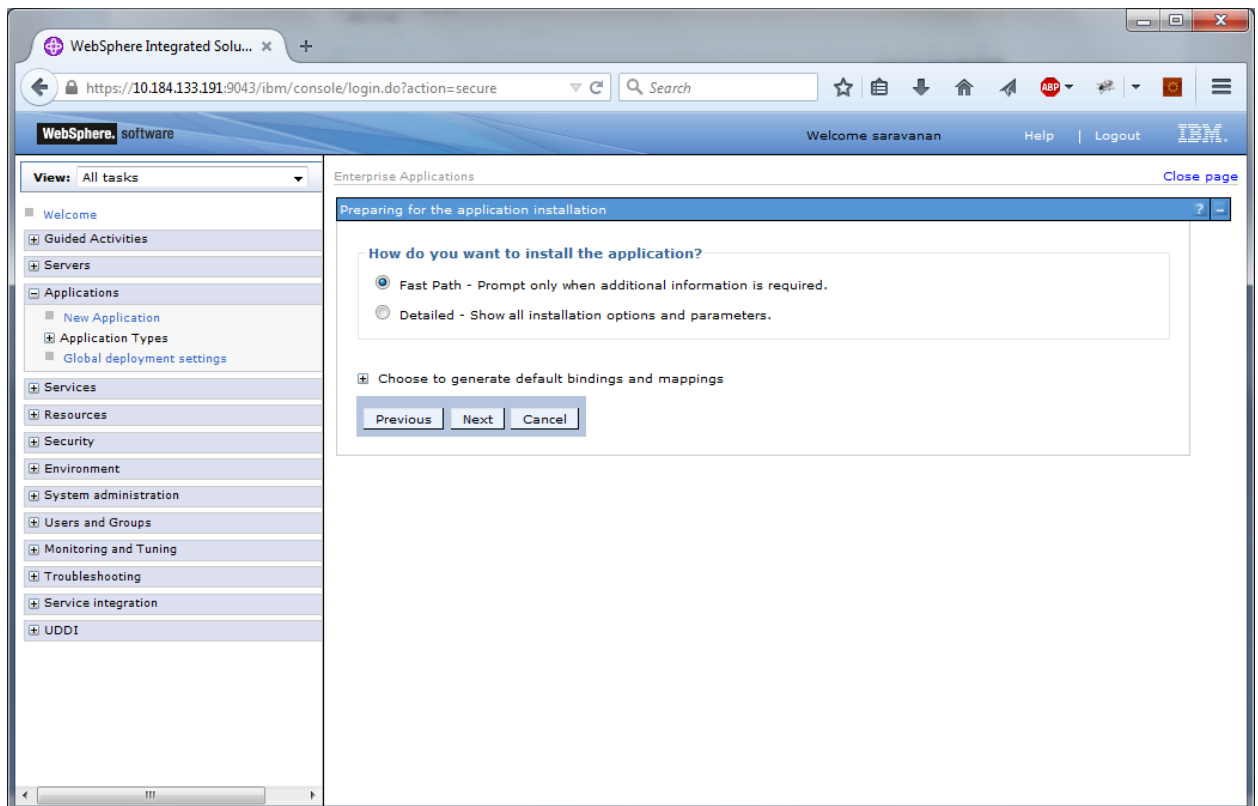
5. Click 'New Enterprise Application.'



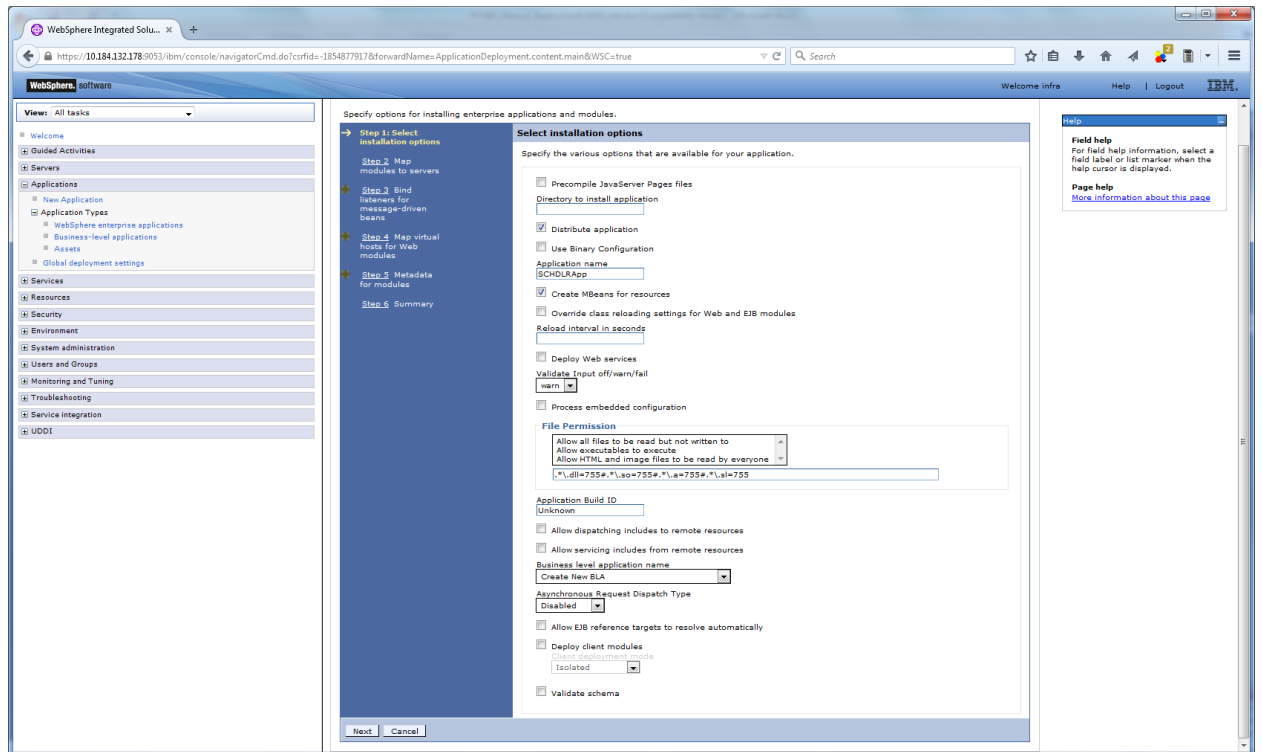
6. Browse the application EAR file and click next button



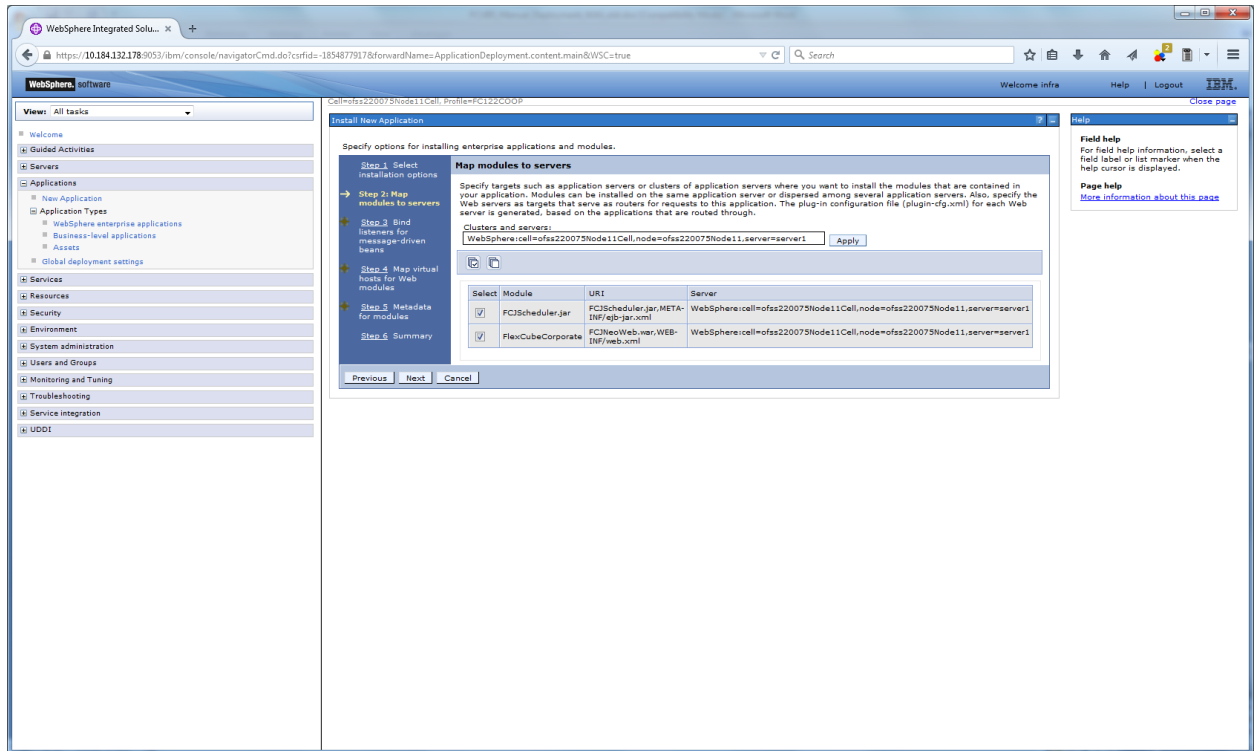
The following screen is displayed.



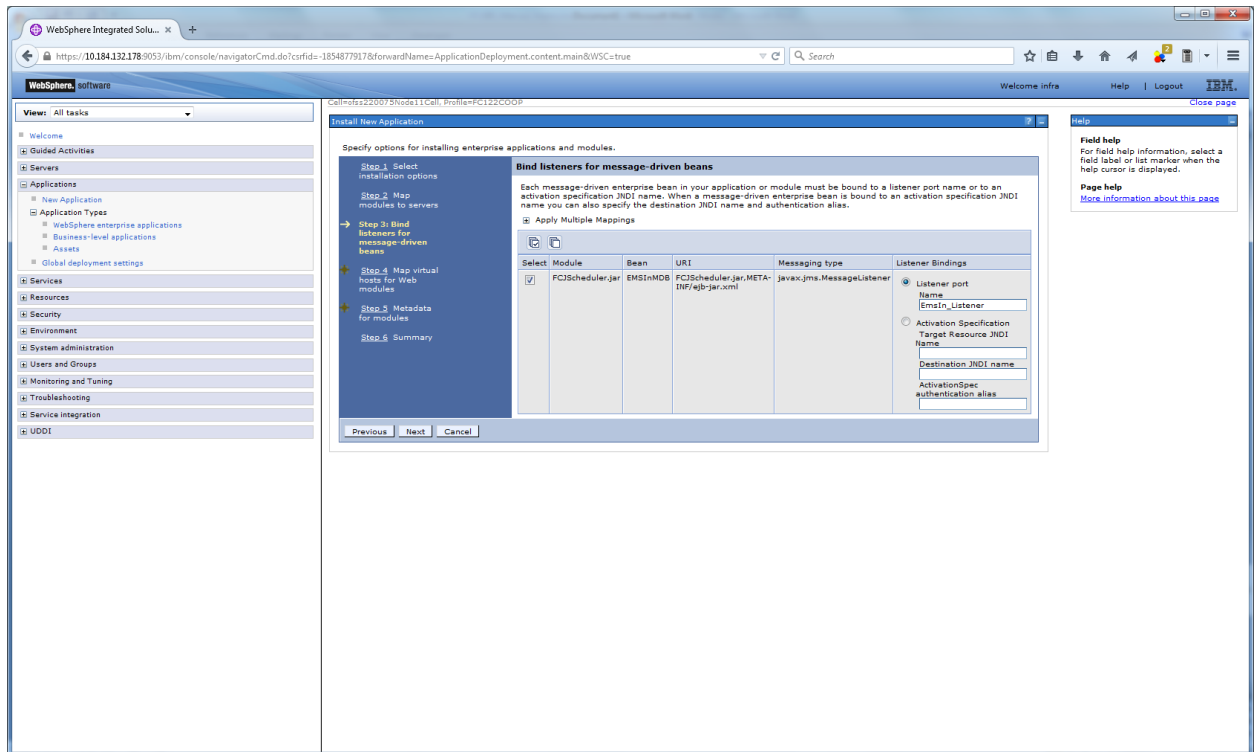
7. Click 'Next'. The following screen is displayed.



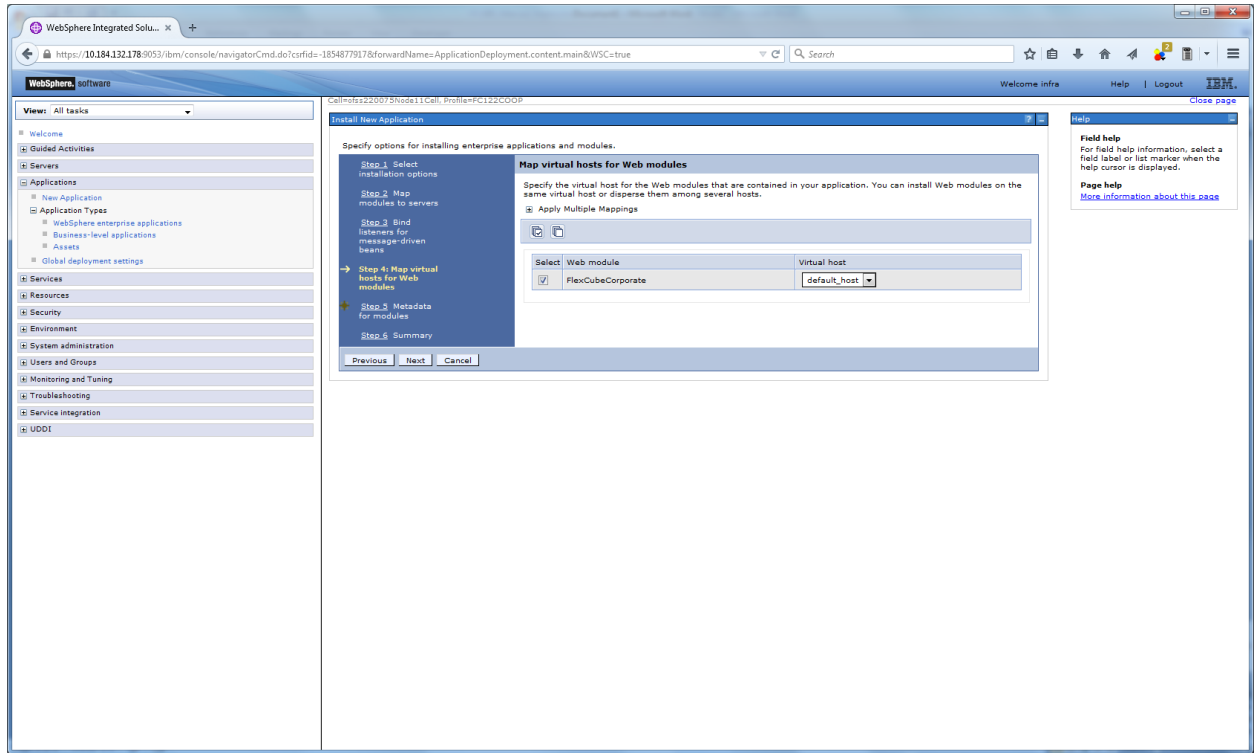
8. Enter the Application Name. This should be the application name mentioned as part of EAR building.



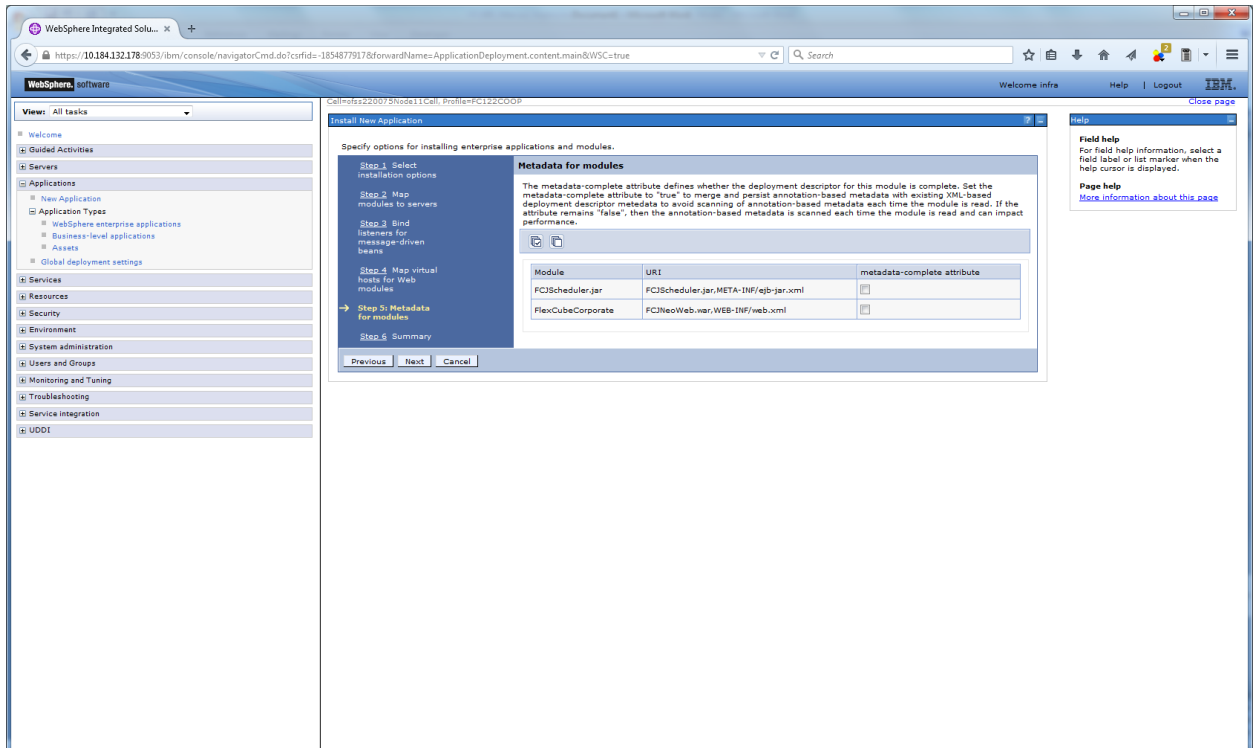
9. Check all the options. Click 'Next'. The following screen is displayed.



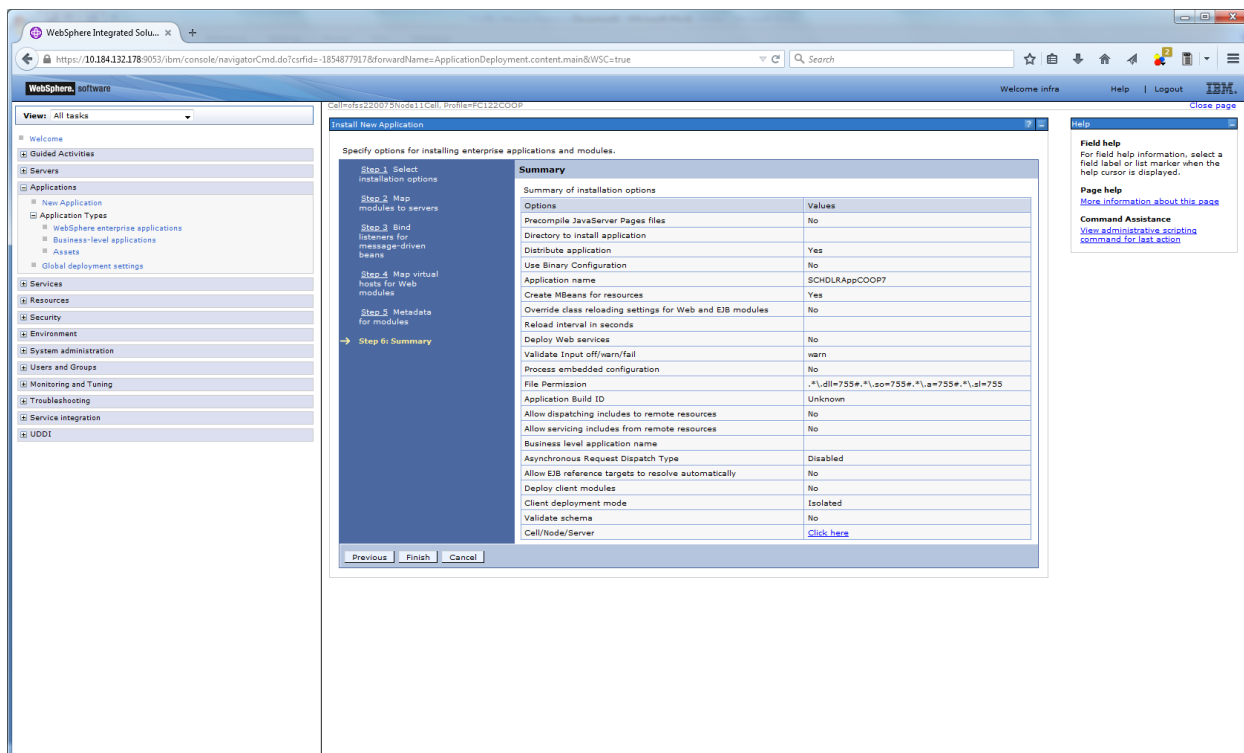
10. Specify the details as shown in the figure.



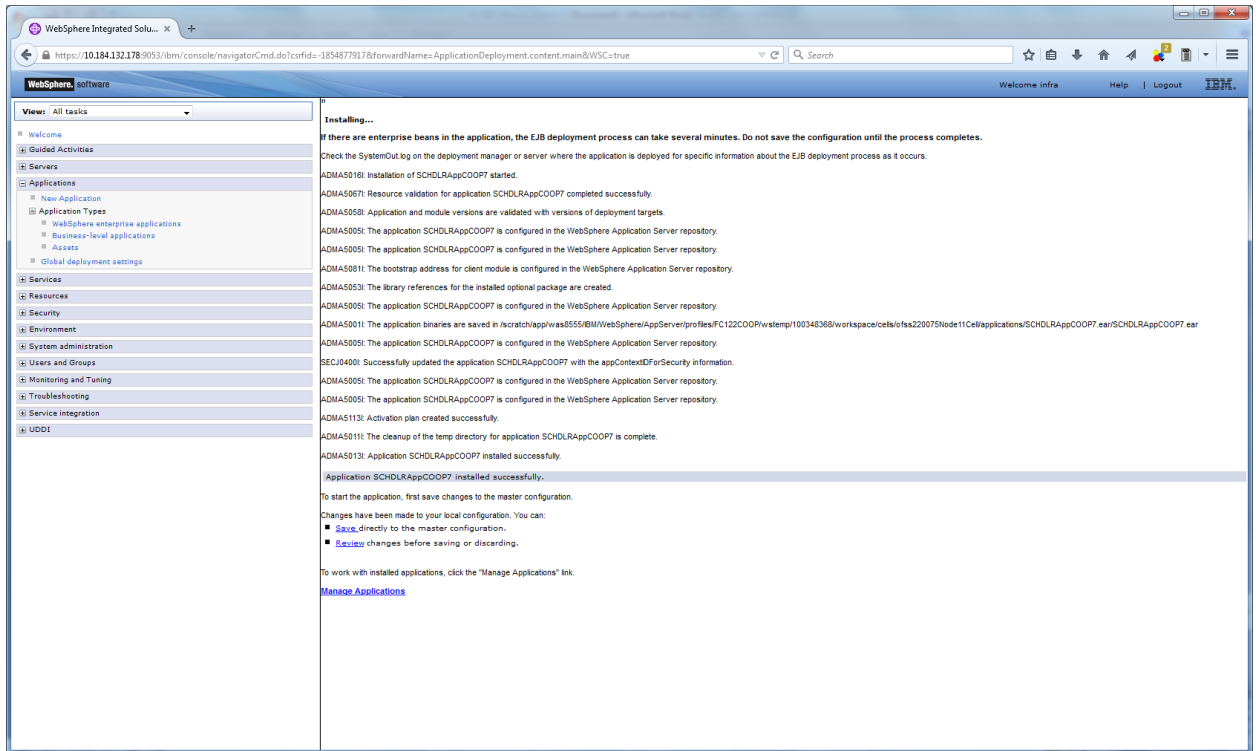
11. Click 'Next'. The following screen is displayed.



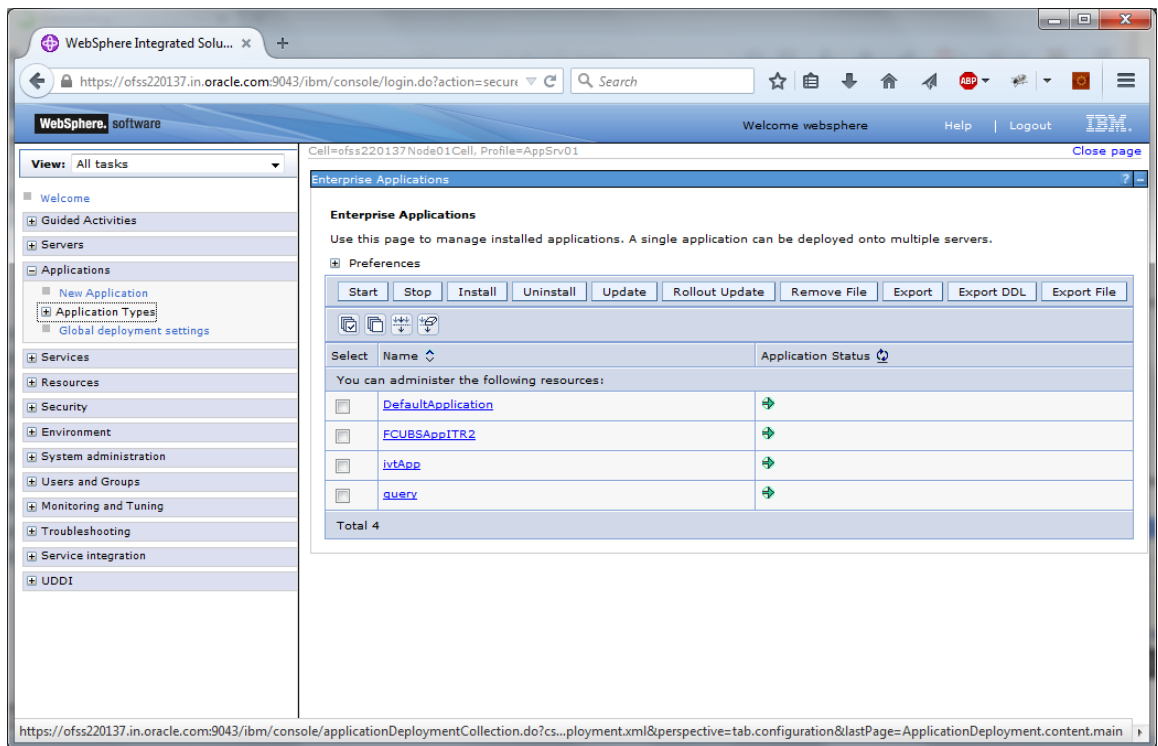
12. Click 'Next'. The following screen is displayed.



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

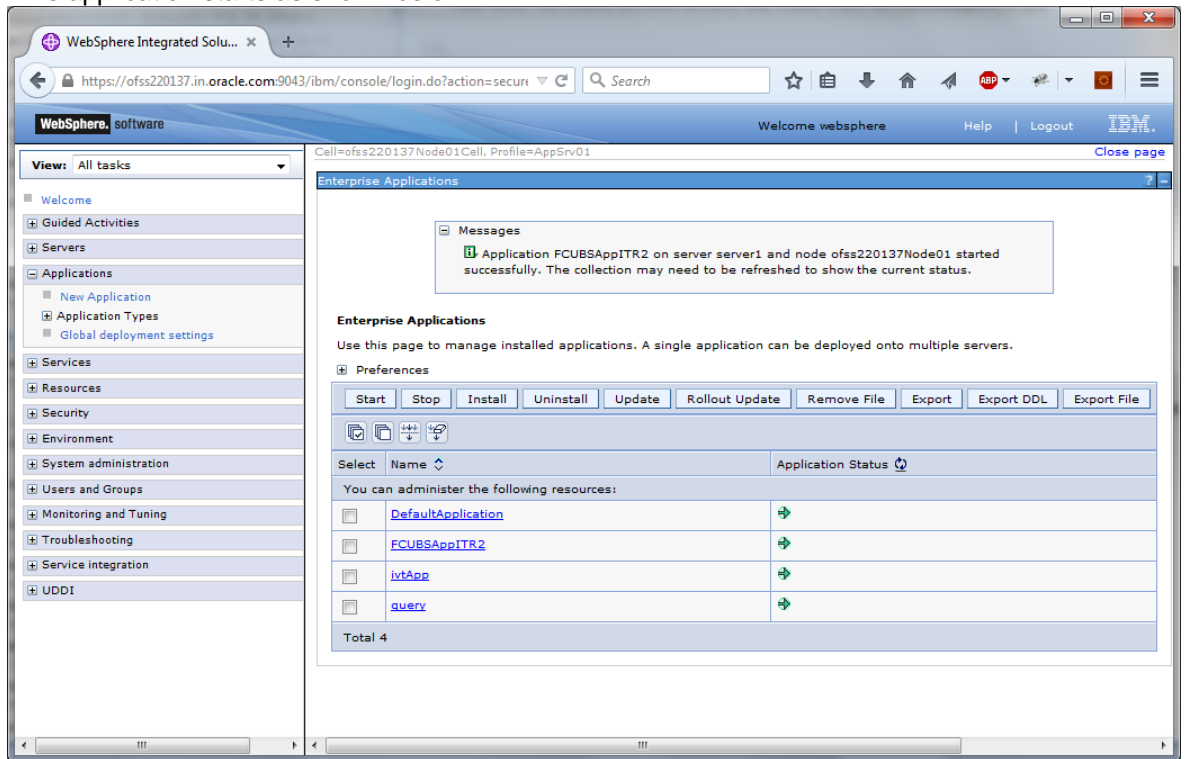


Click 'Save'. The following screen is displayed.



14. Select the application and click 'Start'.

The application starts as shown below:



1.2.4 FCUBS GWEJB Application Deployment

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

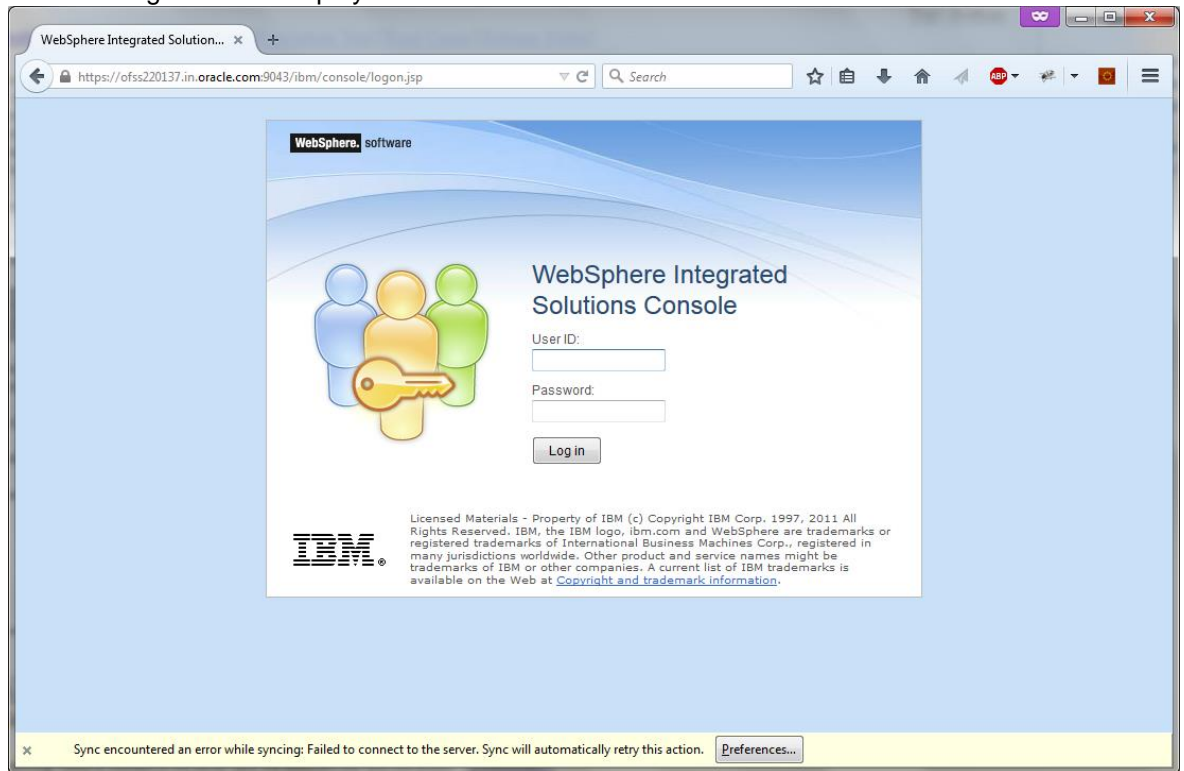
1. Open the Administrative Console of WebSphere server:

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

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

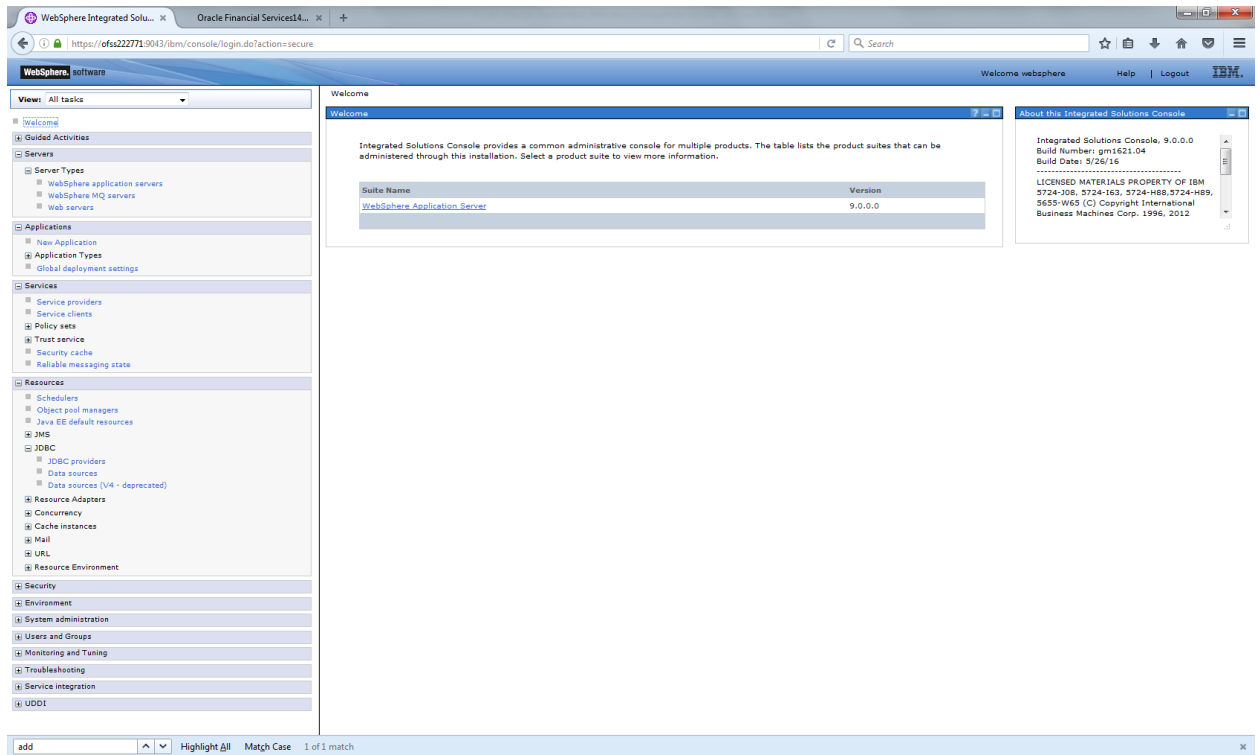
In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running.

The following screen is displayed:



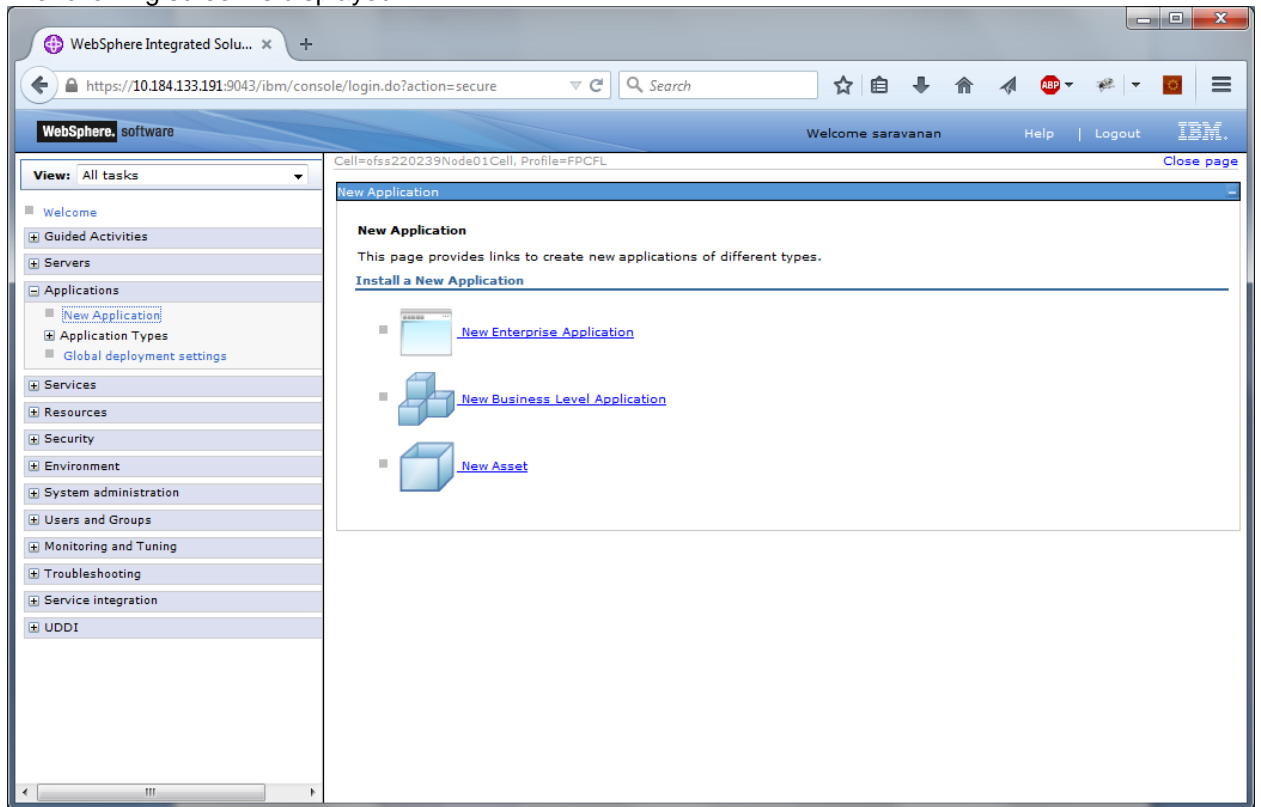
2. Enter the user name and password and click 'Log In' to log in to the application server.
3. Navigate to the WebSphere Home Page.

The following screen is displayed.

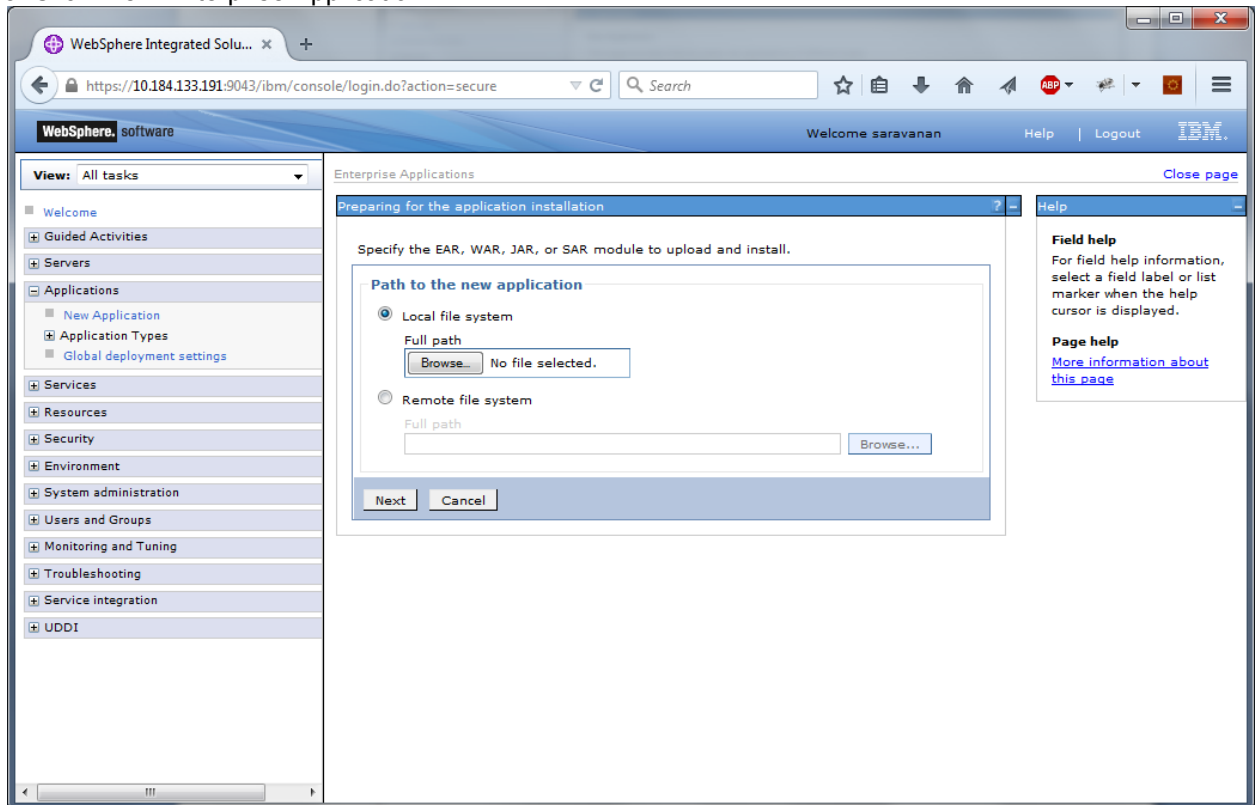


4. Expand Applications from left-side menu and Click 'New Application'.

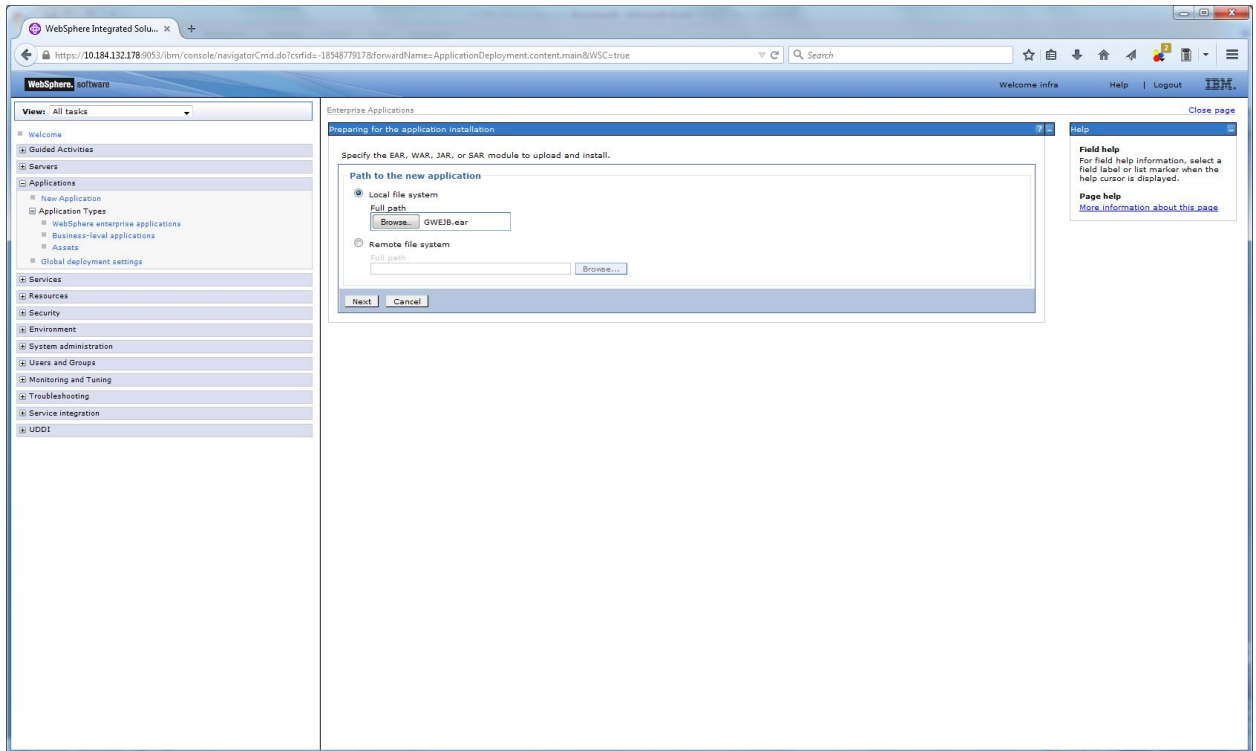
The following screen is displayed.



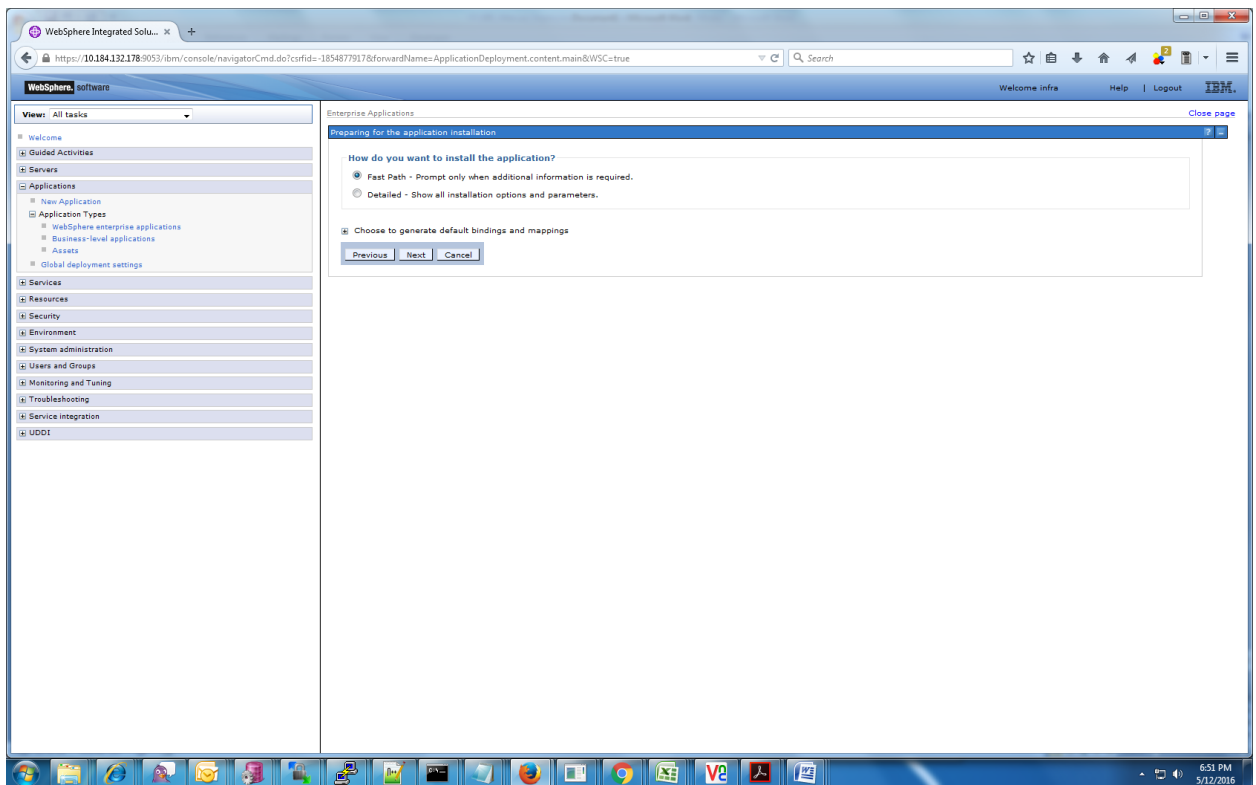
5. Click 'New Enterprise Application.



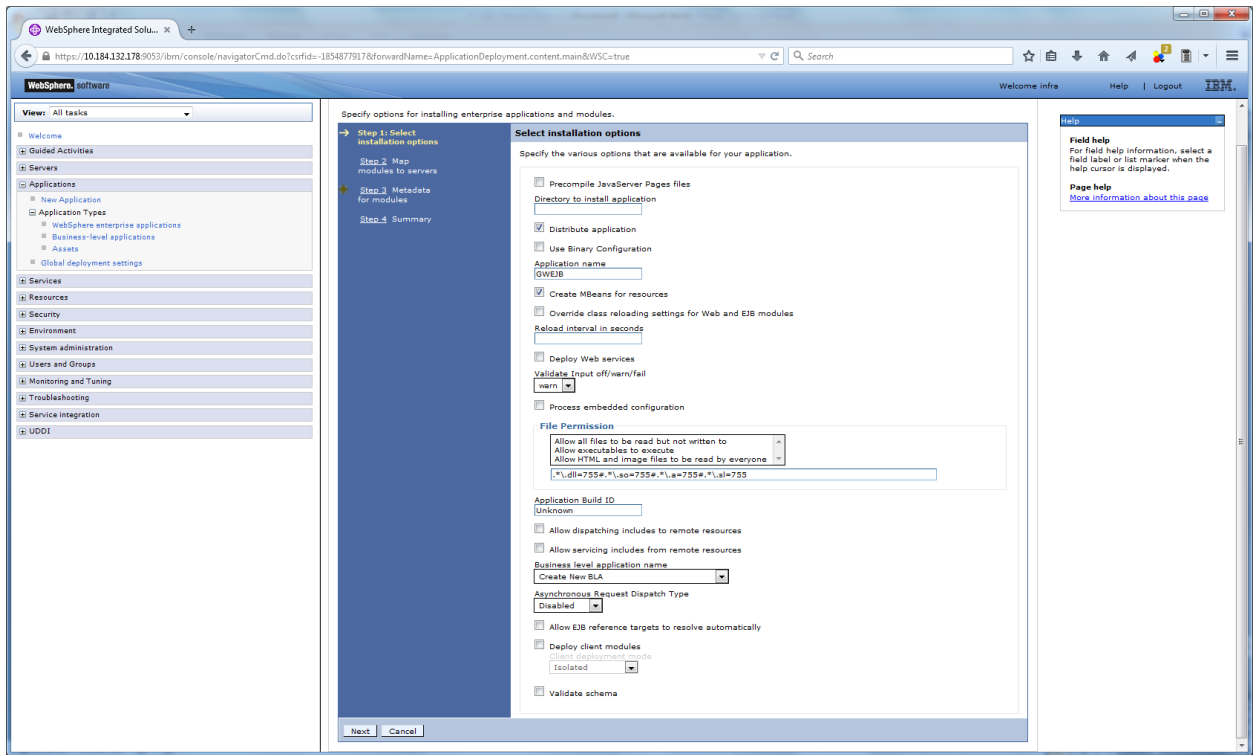
6. Browse the application EAR file and click next button



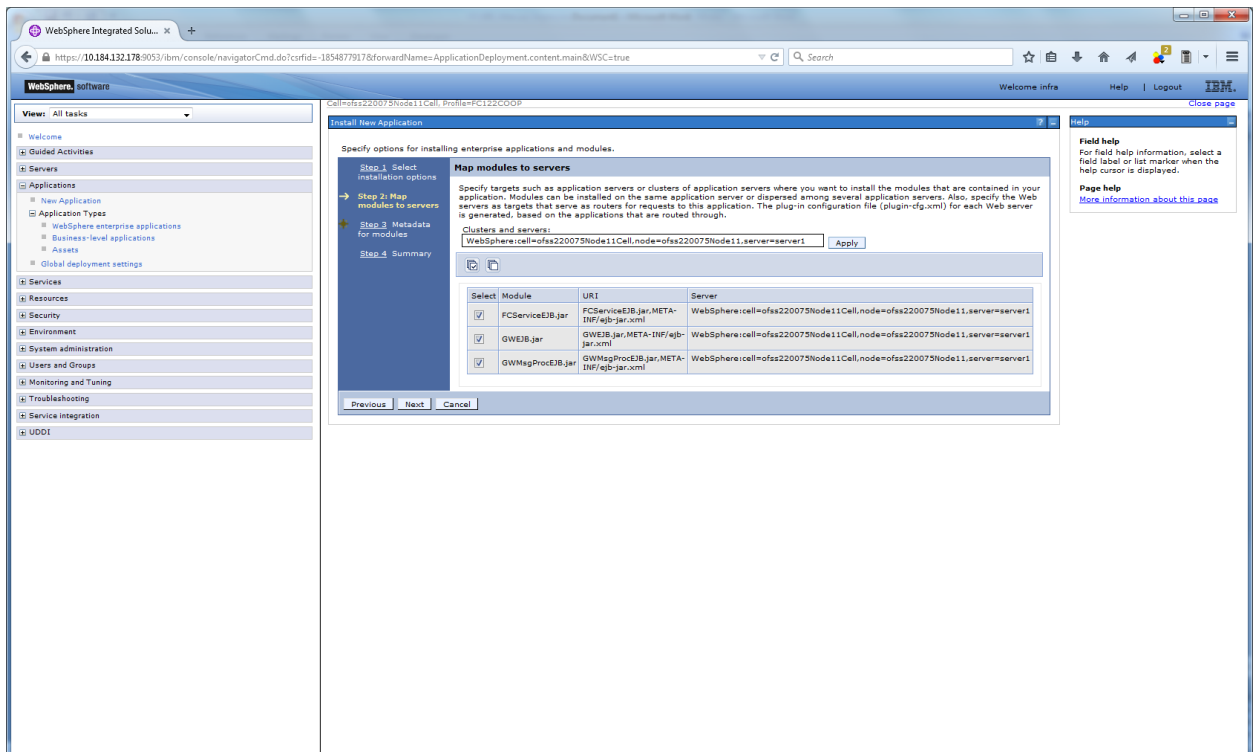
7. Click Next and the following screen is displayed.



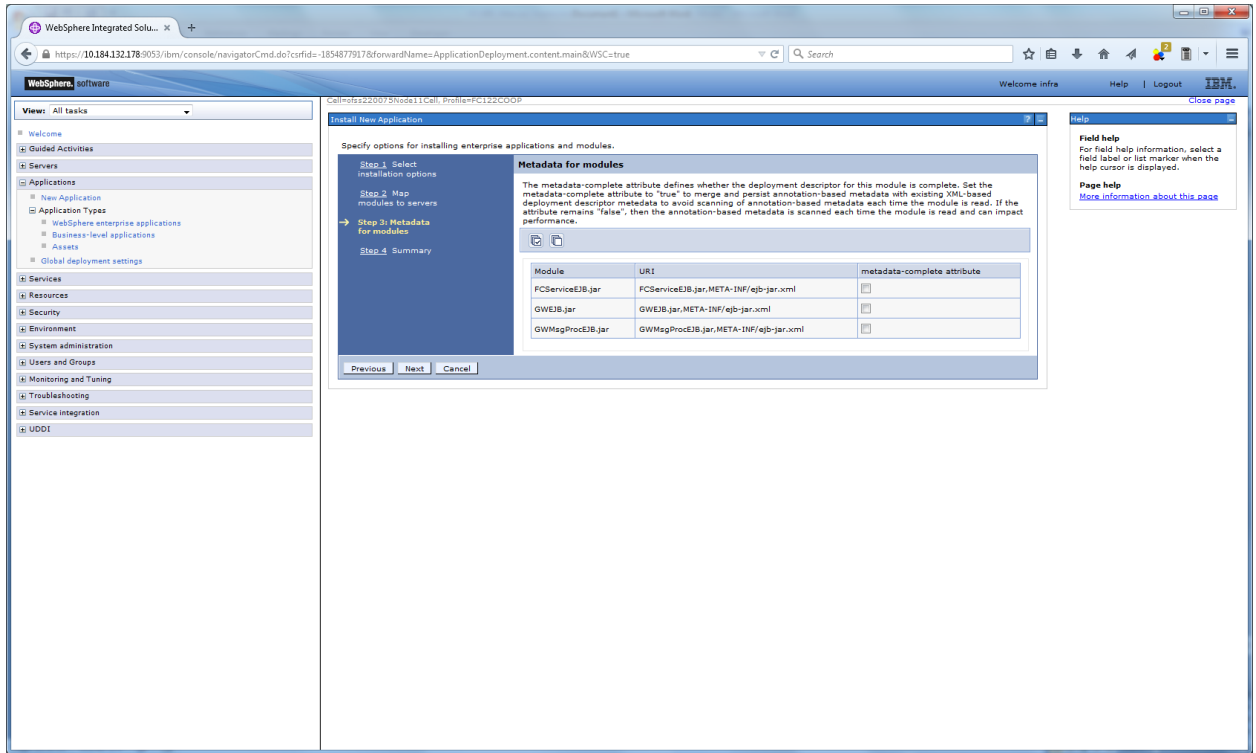
8. Click next and the following screen is displayed.



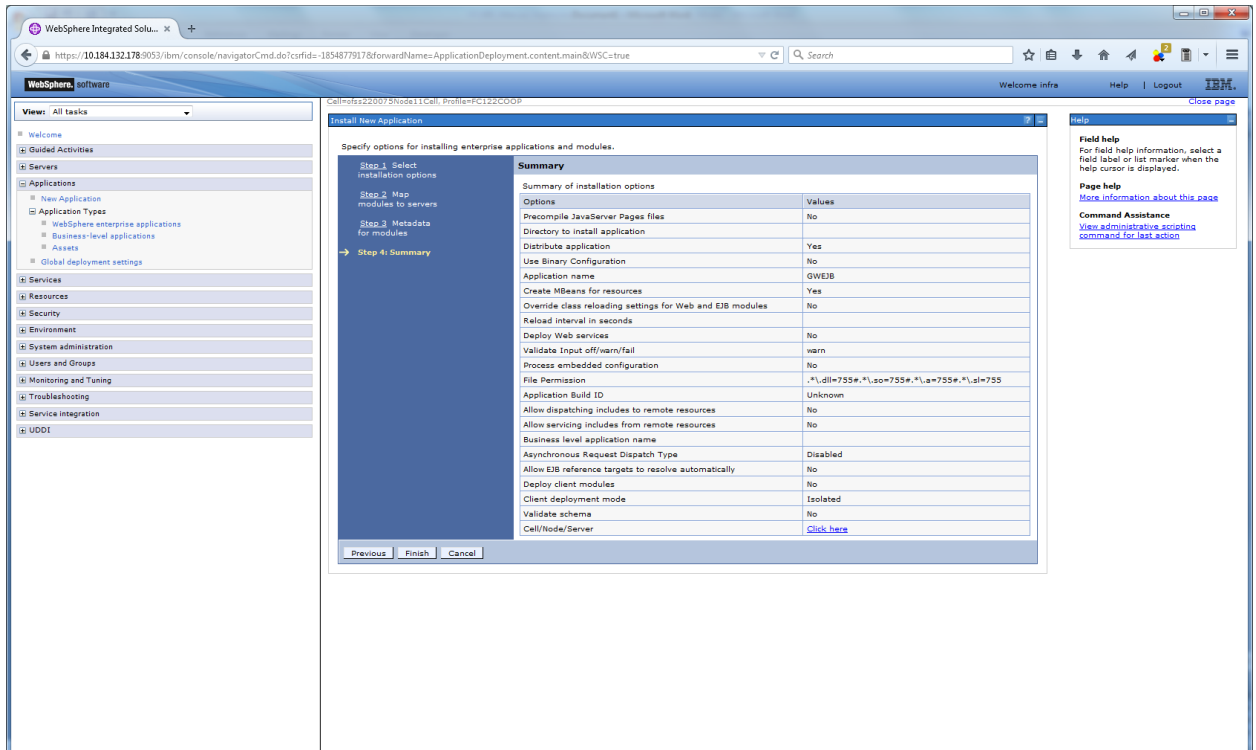
9. Click next and the following screen is displayed.



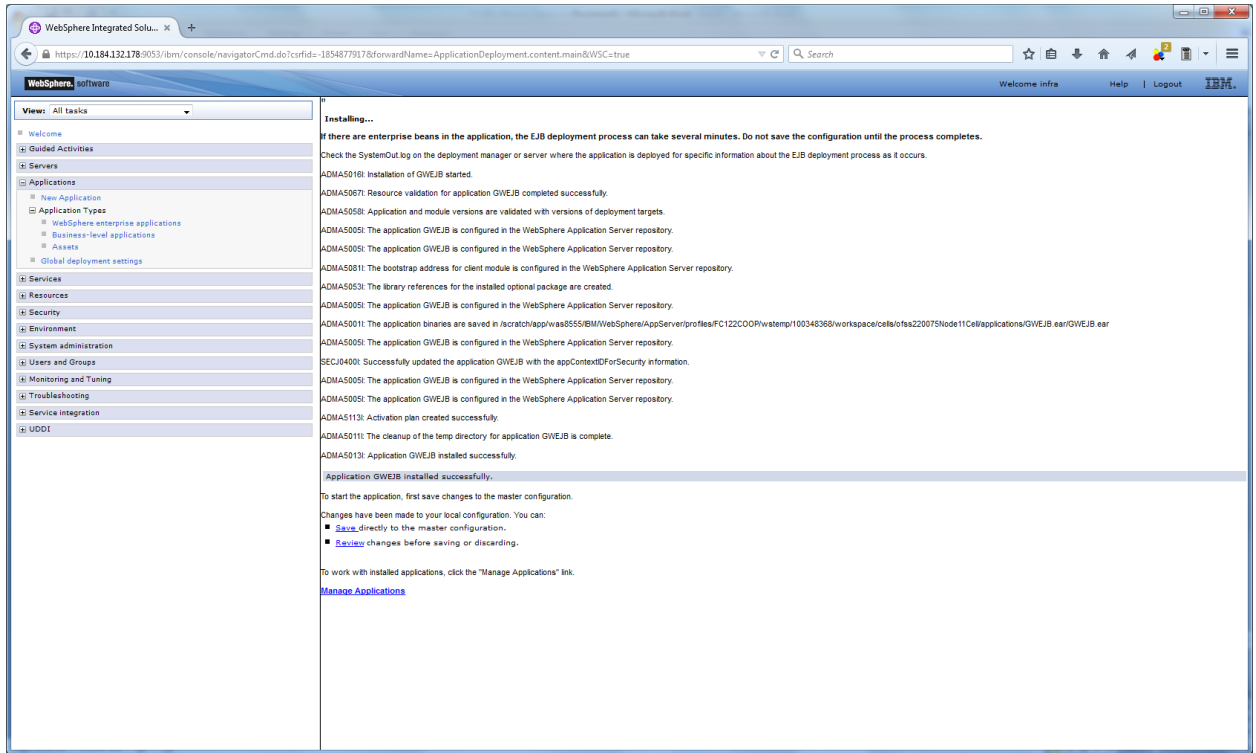
10. click next and the following Screen is displayed.



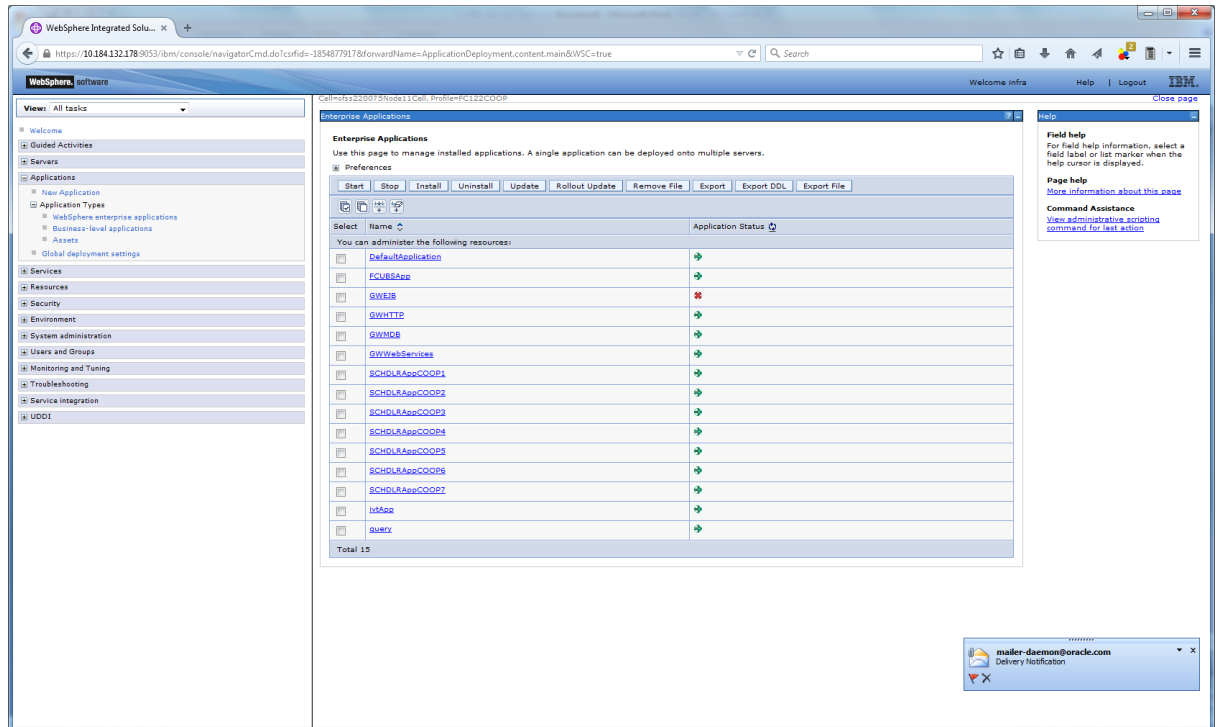
11. Click next and the following screen is displayed.



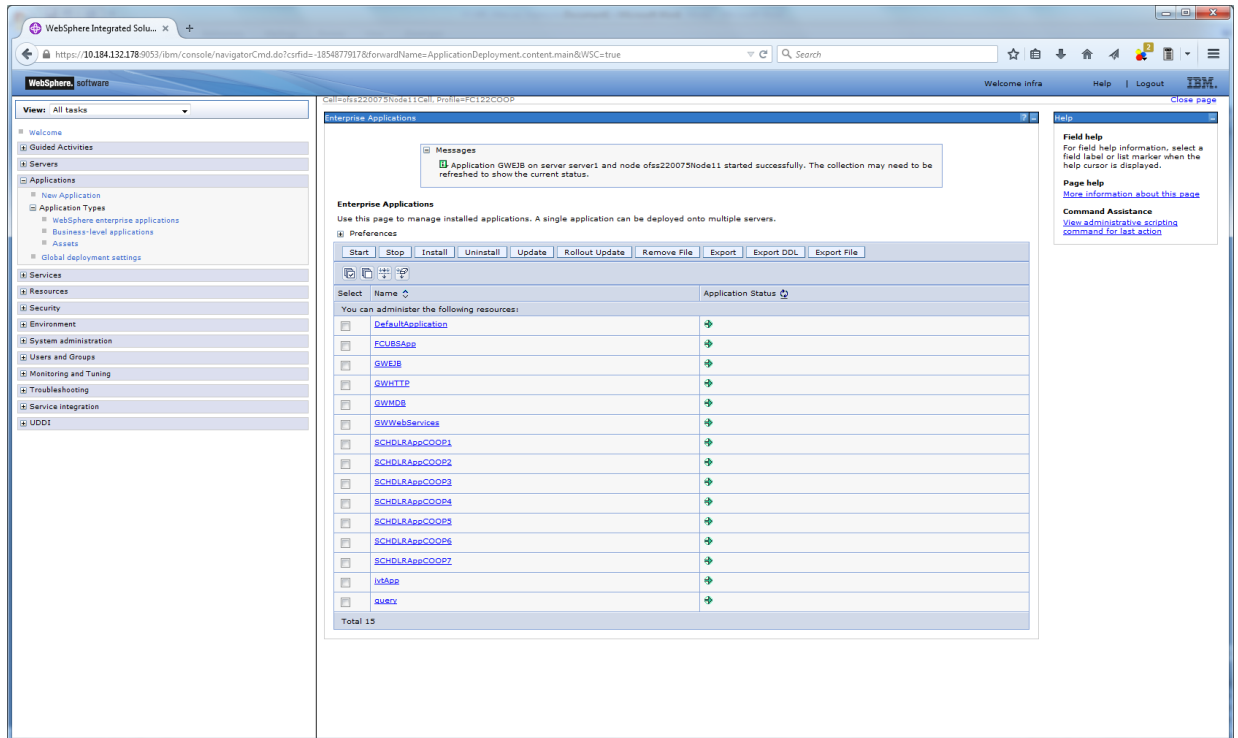
12. Click on finish and the following screen is displayed.



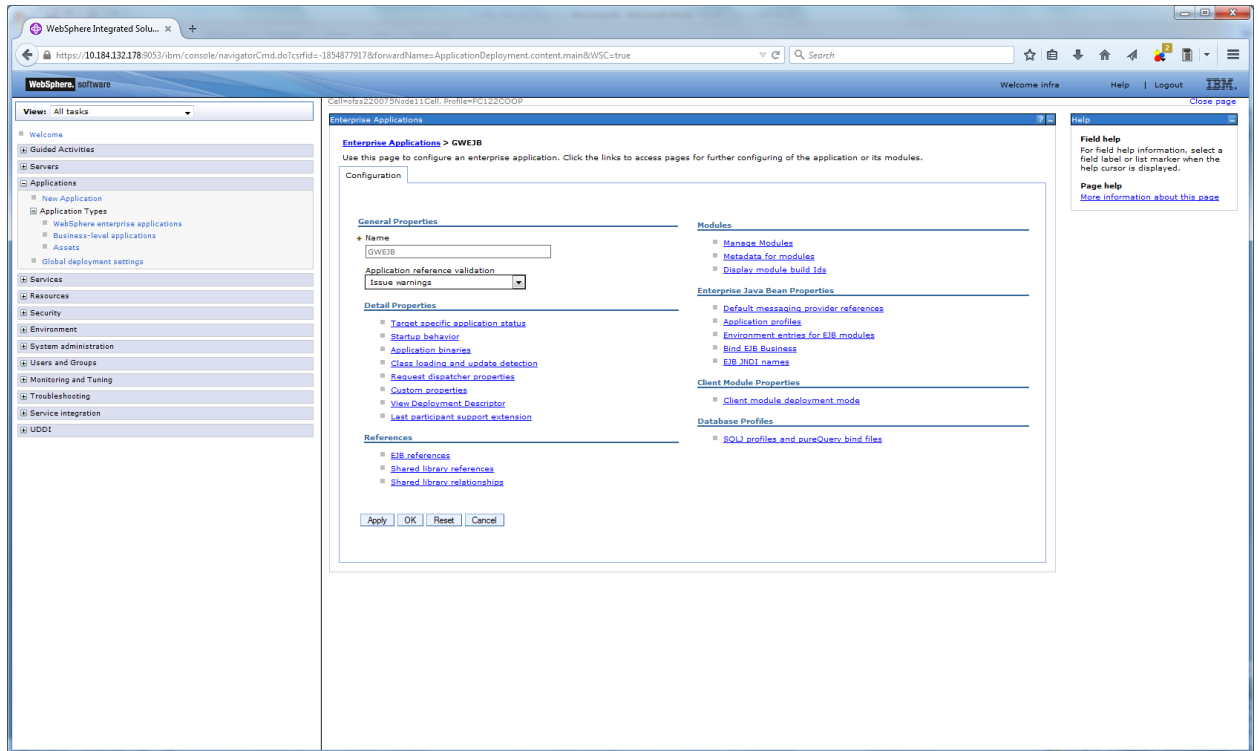
13. Click on save and the following screen is displayed.



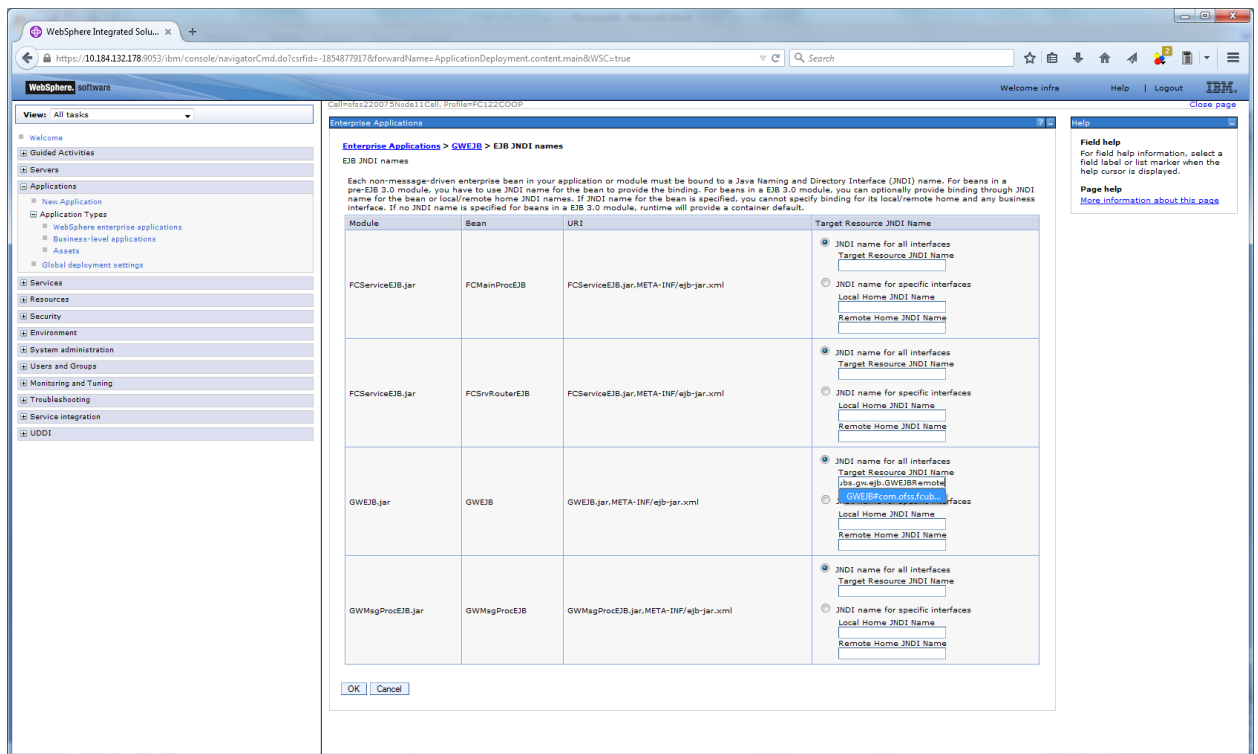
15. Select the deployed application and click on start



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

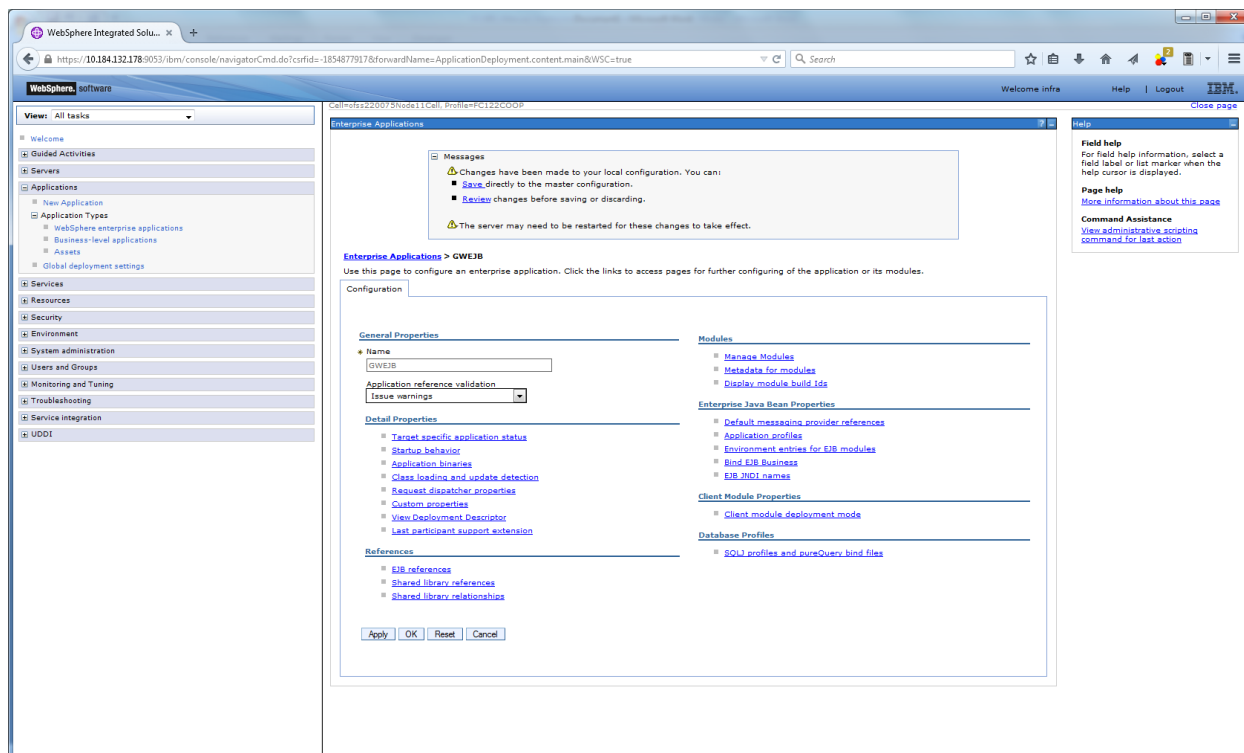


17. Click on EJB JNDI names and the following screen is displayed.



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.

1.2.5 FCUBS GWMDB Application Deployment

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

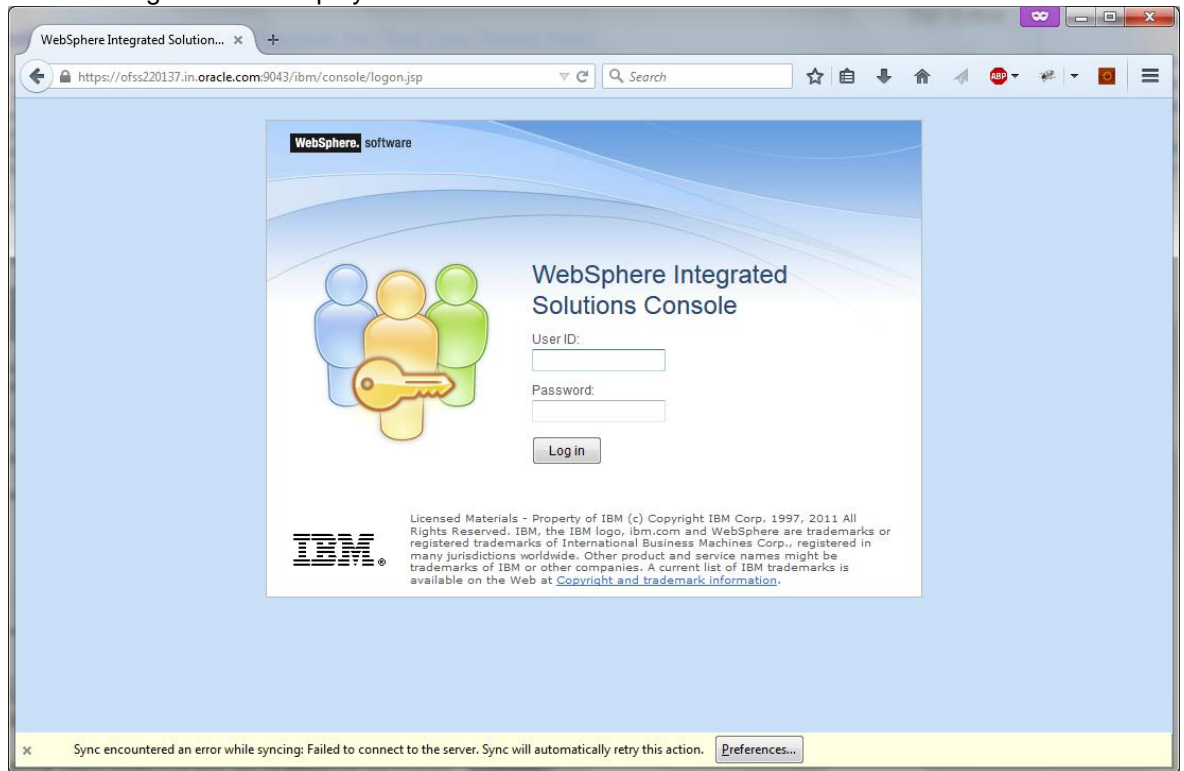
1. Open the Administrative Console of WebSphere server:

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

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

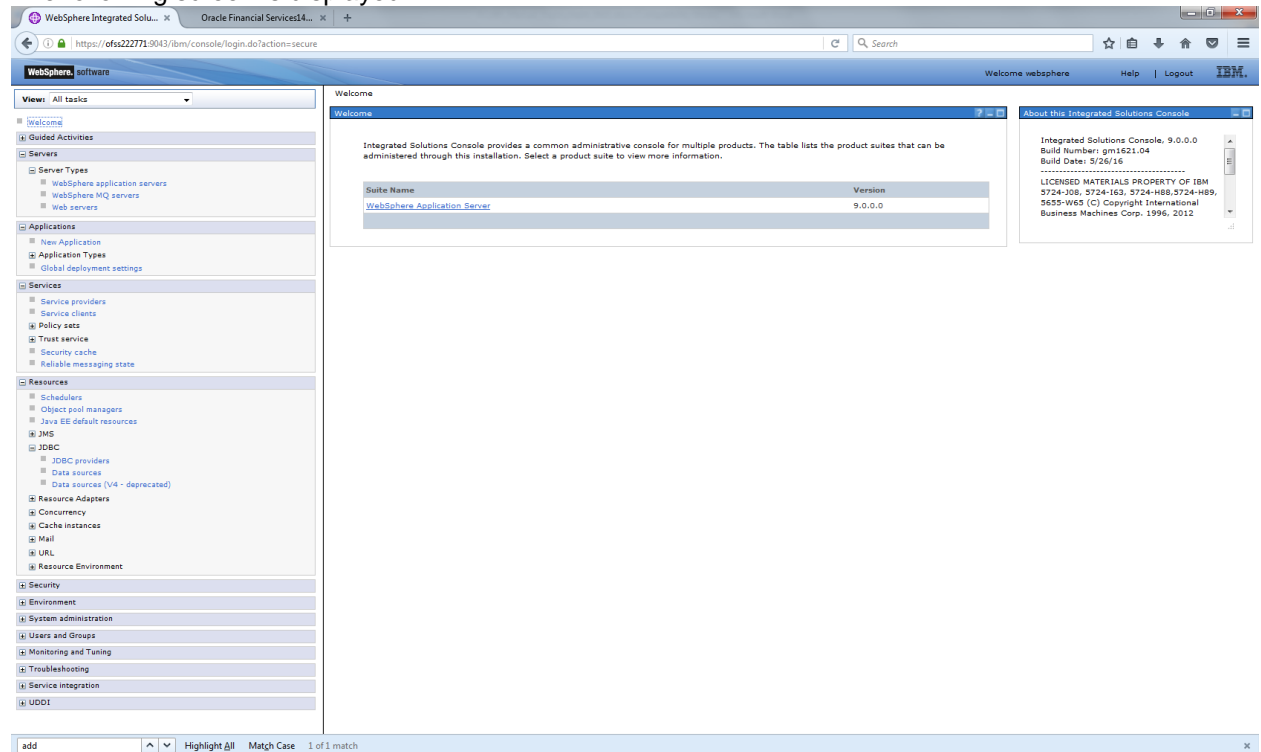
In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running.

The following screen is displayed:



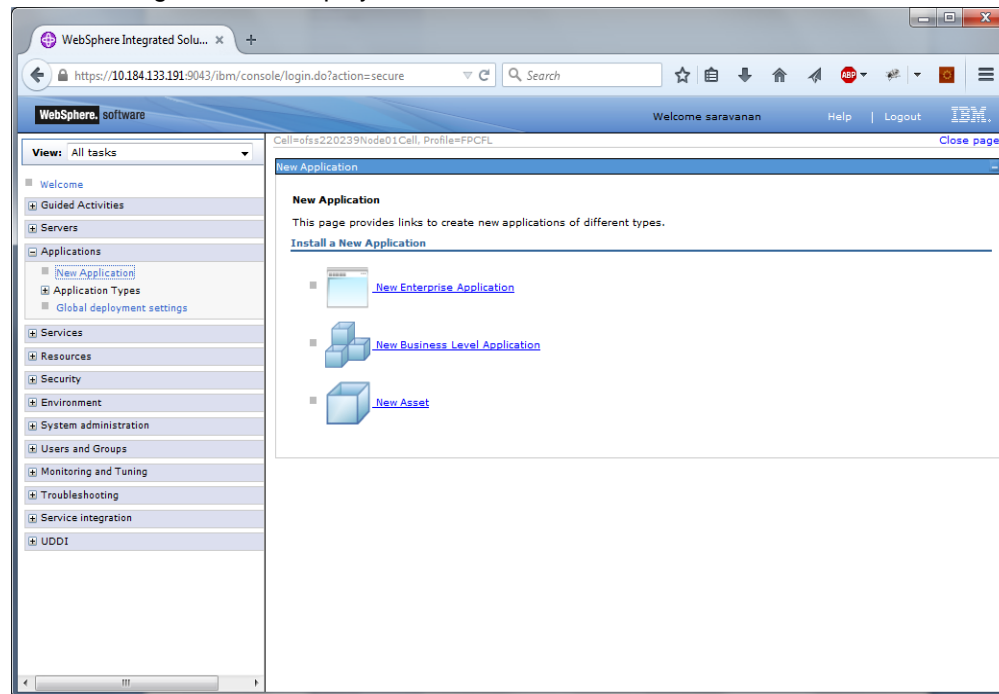
2. Enter the user name and password and click 'Log In' to log in to the application server.
3. Navigate to the WebSphere Home Page.

The following screen is displayed.

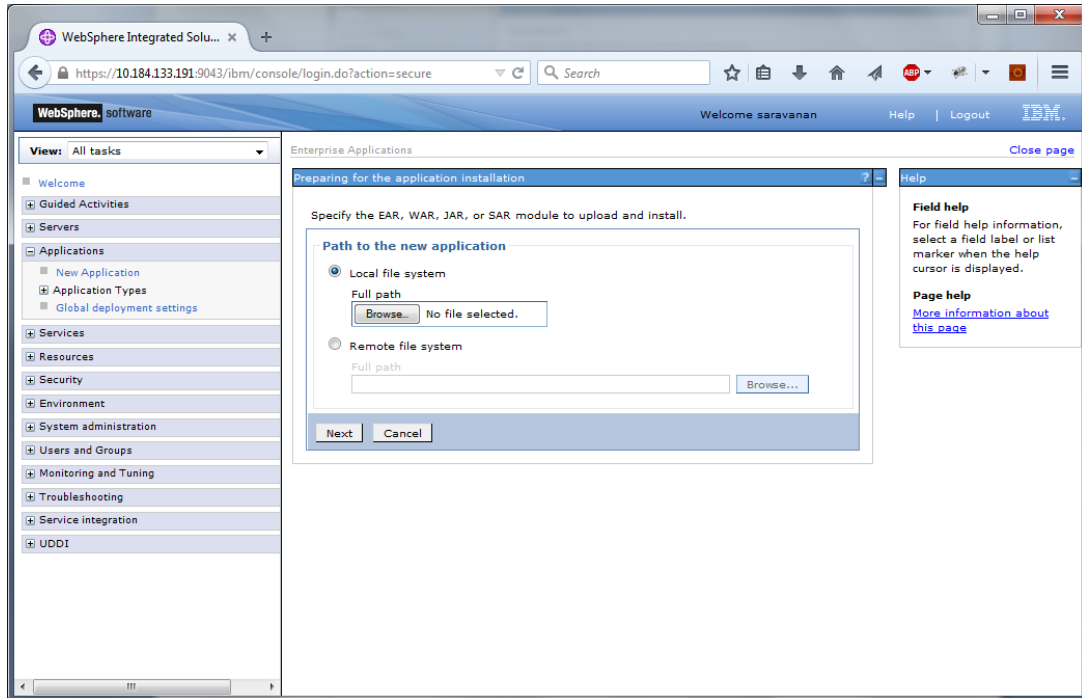


4. Expand Applications from left-side menu and Click 'New Application'.

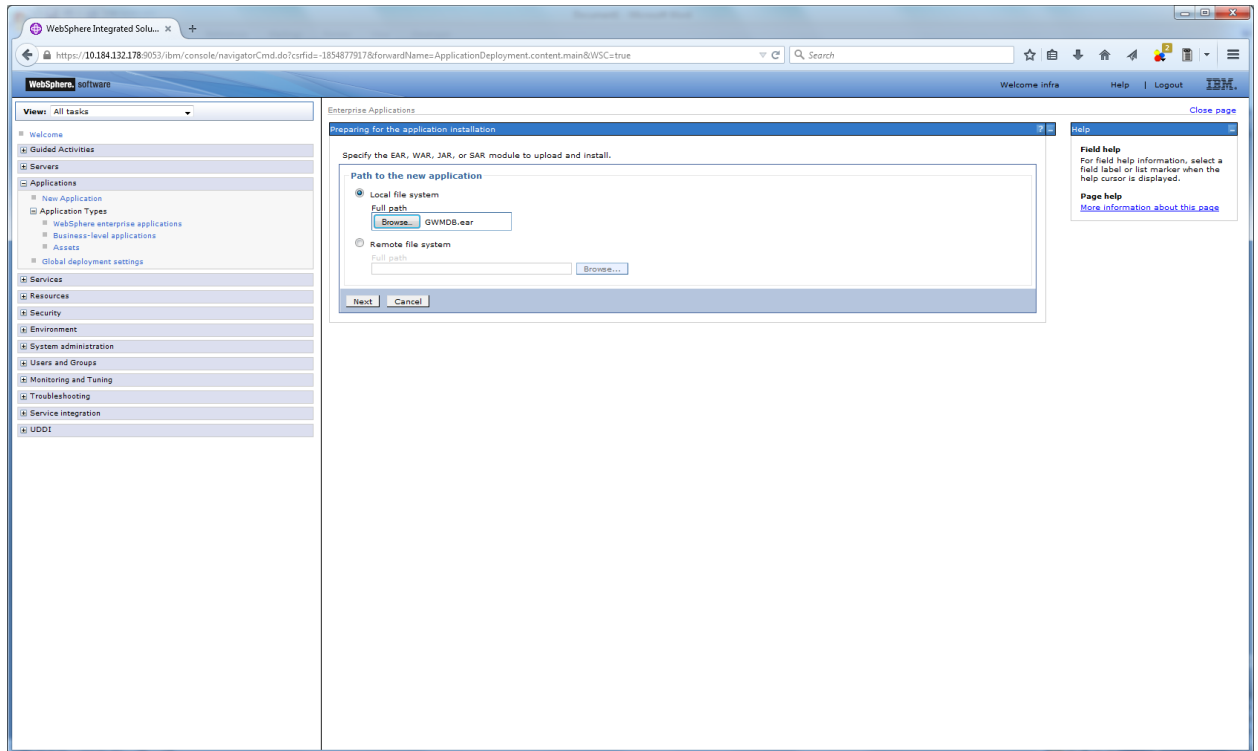
The following screen is displayed.



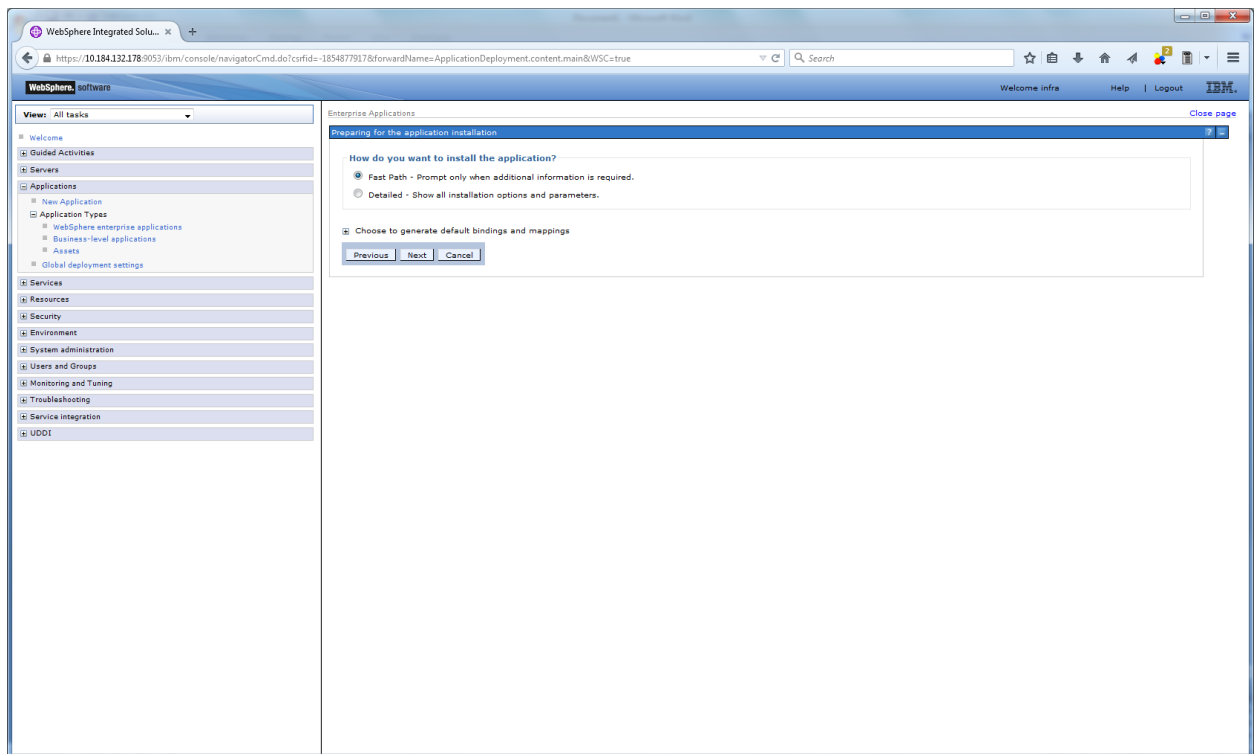
5. Click 'New Enterprise Application'.



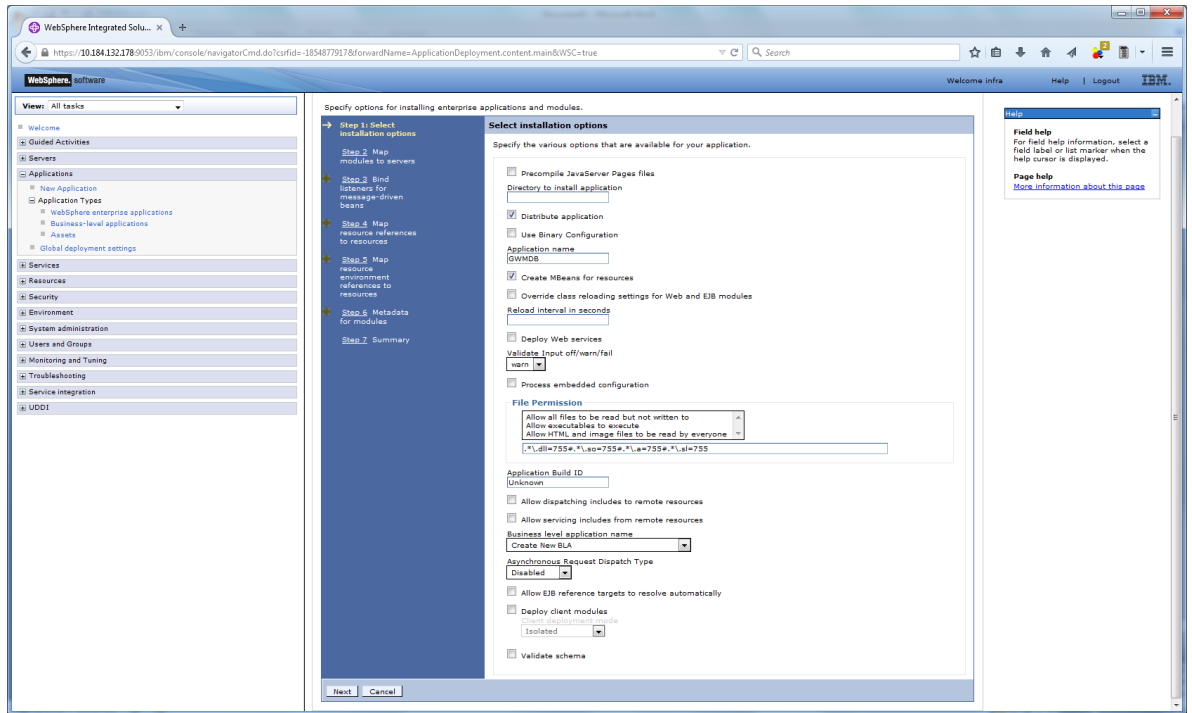
6. Click on Browse and select the MDB EAR and the following screen is displayed



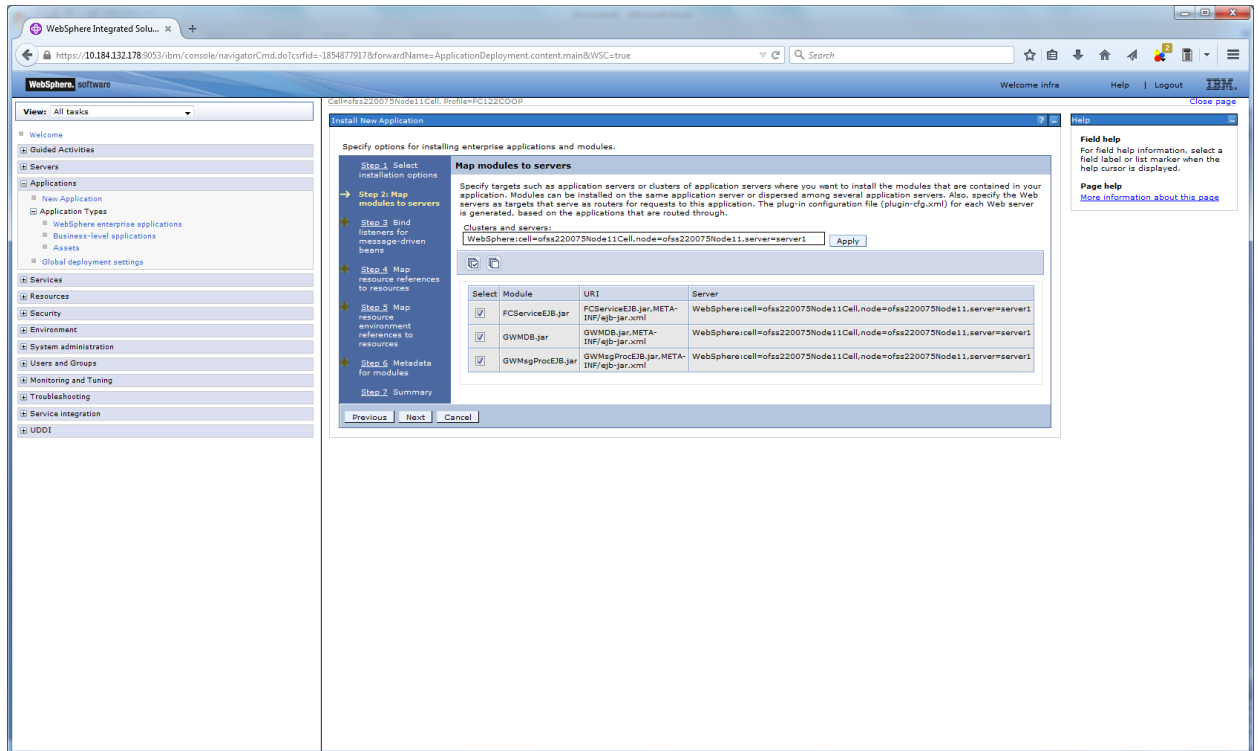
7. Click on next and the following screen is displayed.



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



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

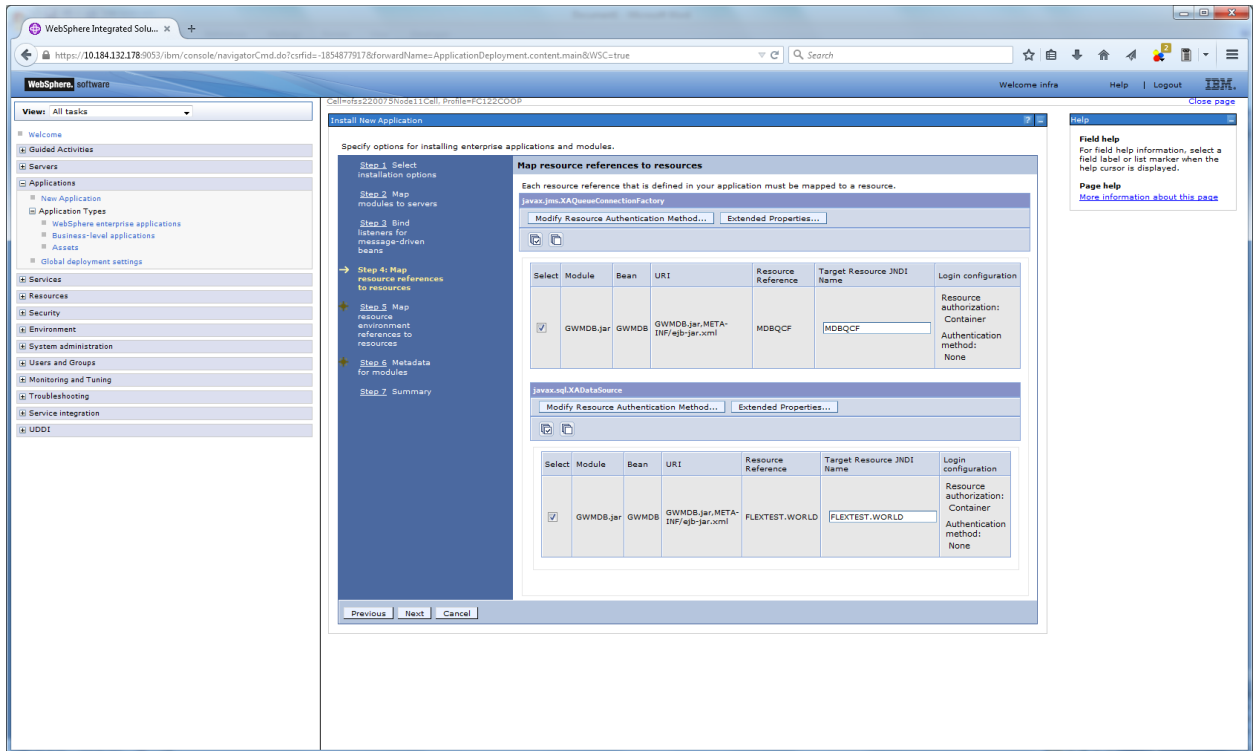


10. Click on next and the following screen is displayed.

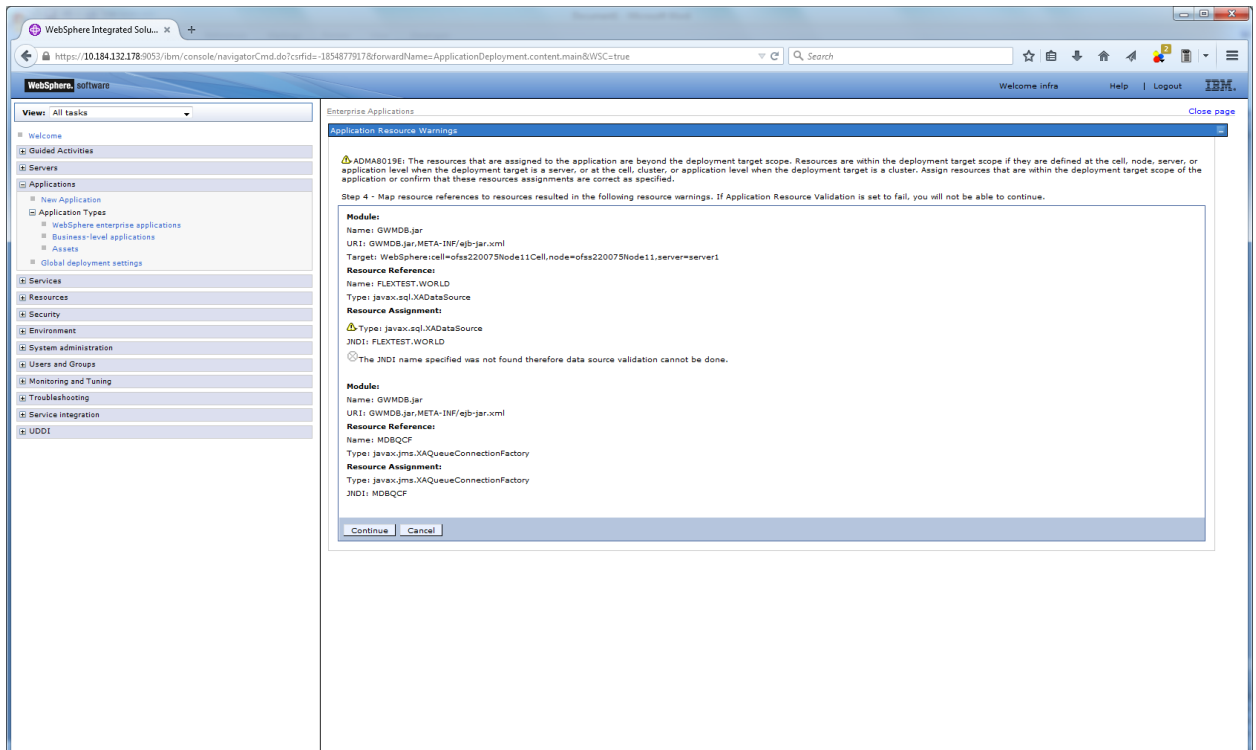
The screenshot shows the WebSphere Integrated Solutions console. The main window is titled 'Install New Application' and is in the 'Step 3: Bind listeners for message-driven beans' stage. The left sidebar contains a navigation tree with categories like 'Welcome', 'Servers', 'Applications', 'Resources', 'Security', 'System administration', 'Users and Groups', 'Monitoring and Tuning', 'Troubleshooting', 'Service integration', and 'UDDI'. The main content area is divided into two panes. The left pane shows the installation steps: Step 1 (Select installation options), Step 2 (Map modules to servers), Step 3 (Bind listeners for message-driven beans), Step 4 (Map resource references to resources), Step 5 (Map resource environment references to resources), Step 6 (Metadata for modules), and Step 7 (Summary). The right pane is titled 'Bind listeners for message-driven beans' and contains a table with columns: Select, Module, Bean, URI, Messaging type, and Listener Bindings. The first row is selected, showing 'GWMDB.jar' for Module and Bean, and 'GWMDB.jar;META-INF/ejb-jar.xml' for URI. The 'Messaging type' is 'javax.jms.MessageListener'. The 'Listener Bindings' section has radio buttons for 'Listener port Name' (selected) and 'Activation Specification'. The 'Listener port Name' field contains 'EjbIn_Listener'. Below the table are 'Previous', 'Next', and 'Cancel' buttons. A 'Help' pane on the right provides field help information.

Select	Module	Bean	URI	Messaging type	Listener Bindings
<input checked="" type="checkbox"/>	GWMDB.jar	GWMDB	GWMDB.jar;META-INF/ejb-jar.xml	javax.jms.MessageListener	<input checked="" type="radio"/> Listener port Name EjbIn_Listener <input type="radio"/> Activation Specification Target Resource JNDI Name Destination JNDI name ActivationSpec authentication alias

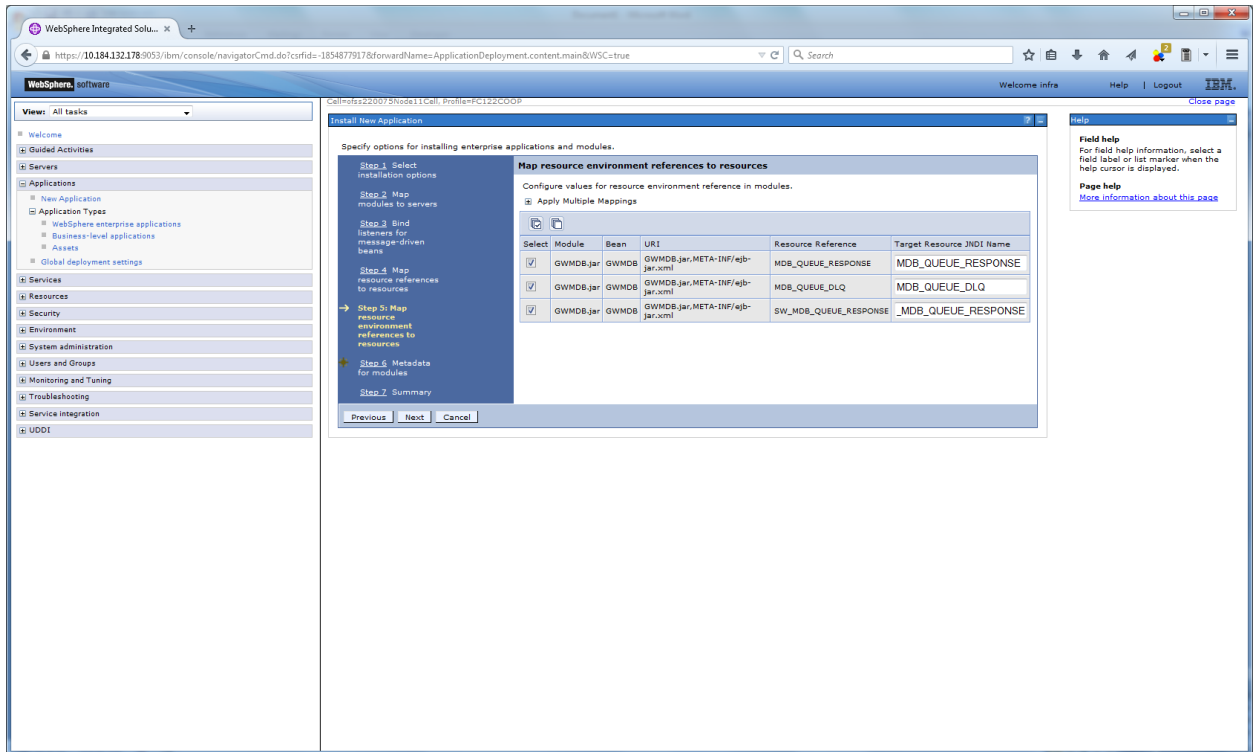
11. Input the listner name click next. Following screen is displayed.



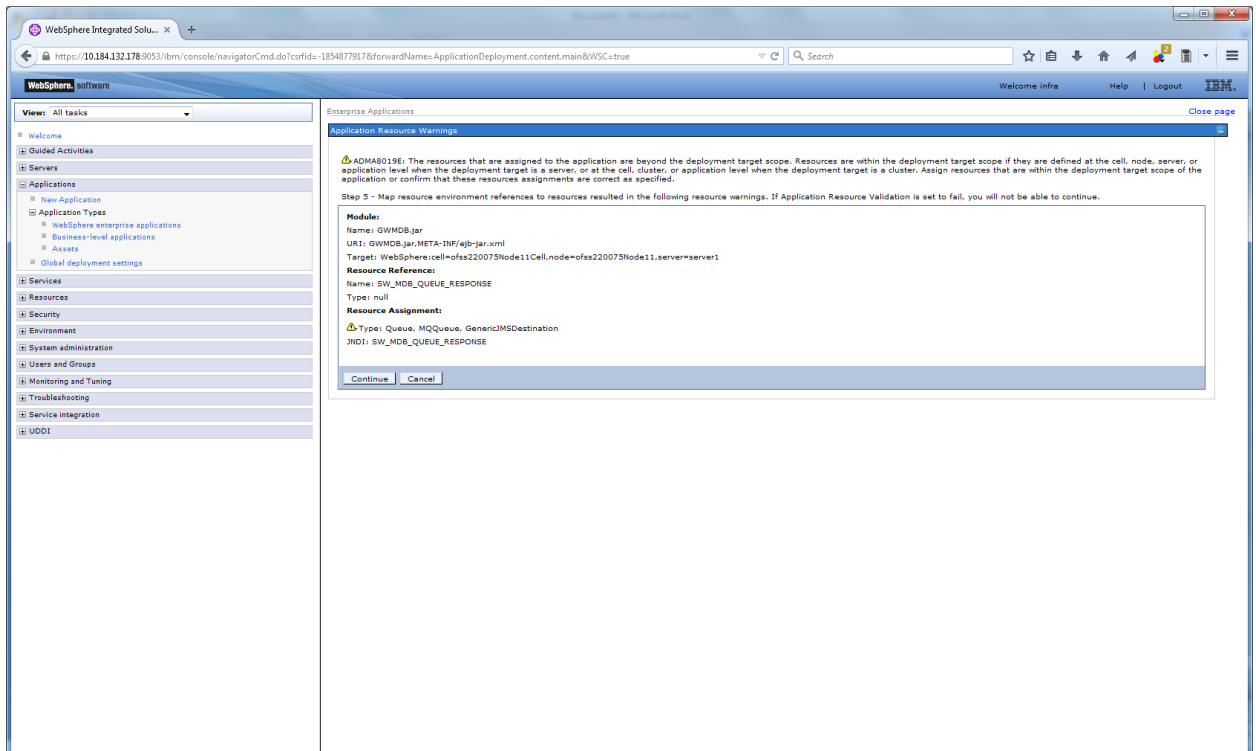
12. Enter the details as shown and click next.



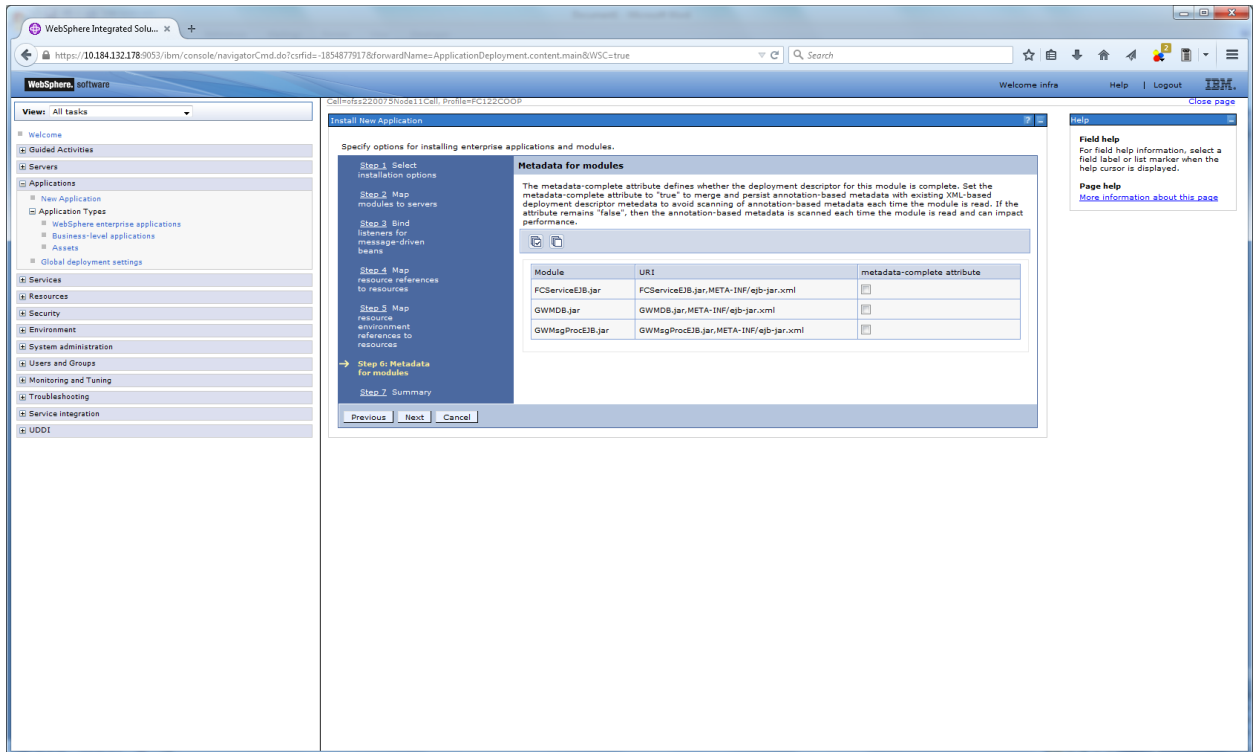
13. Click on continue and following screen is displayed.



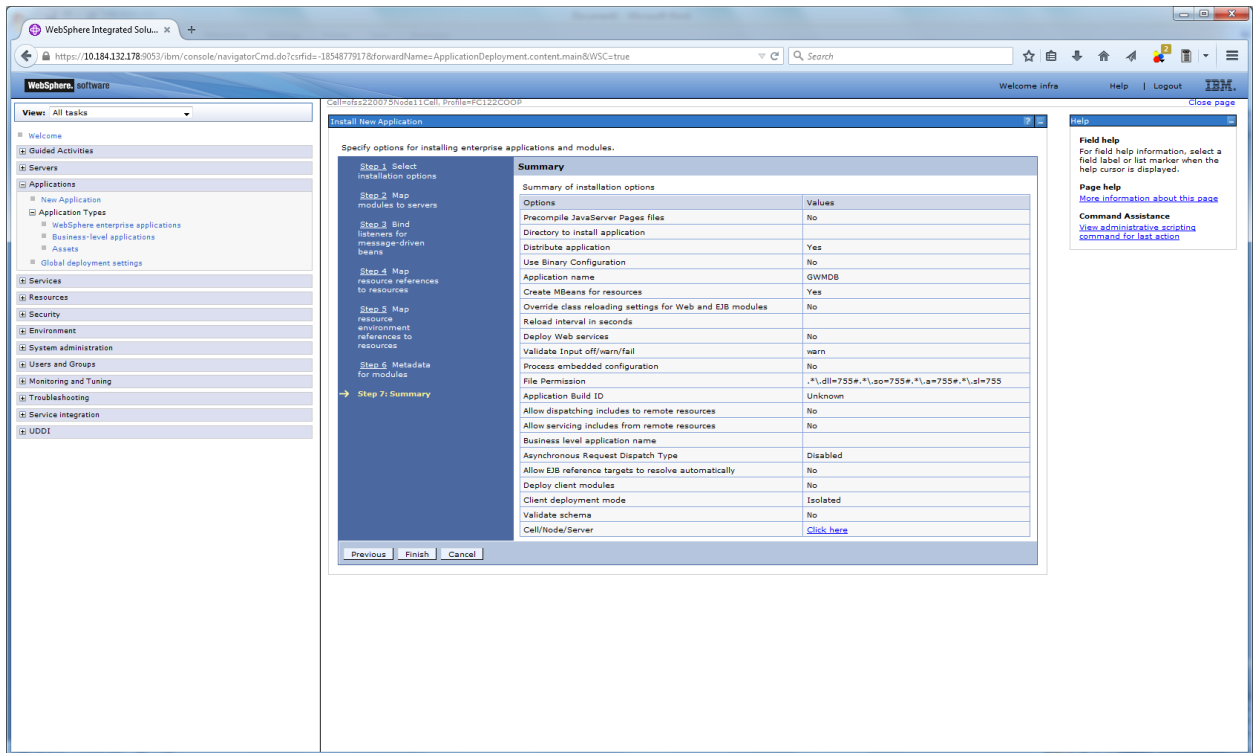
14. Give necessary details as shown and click next.



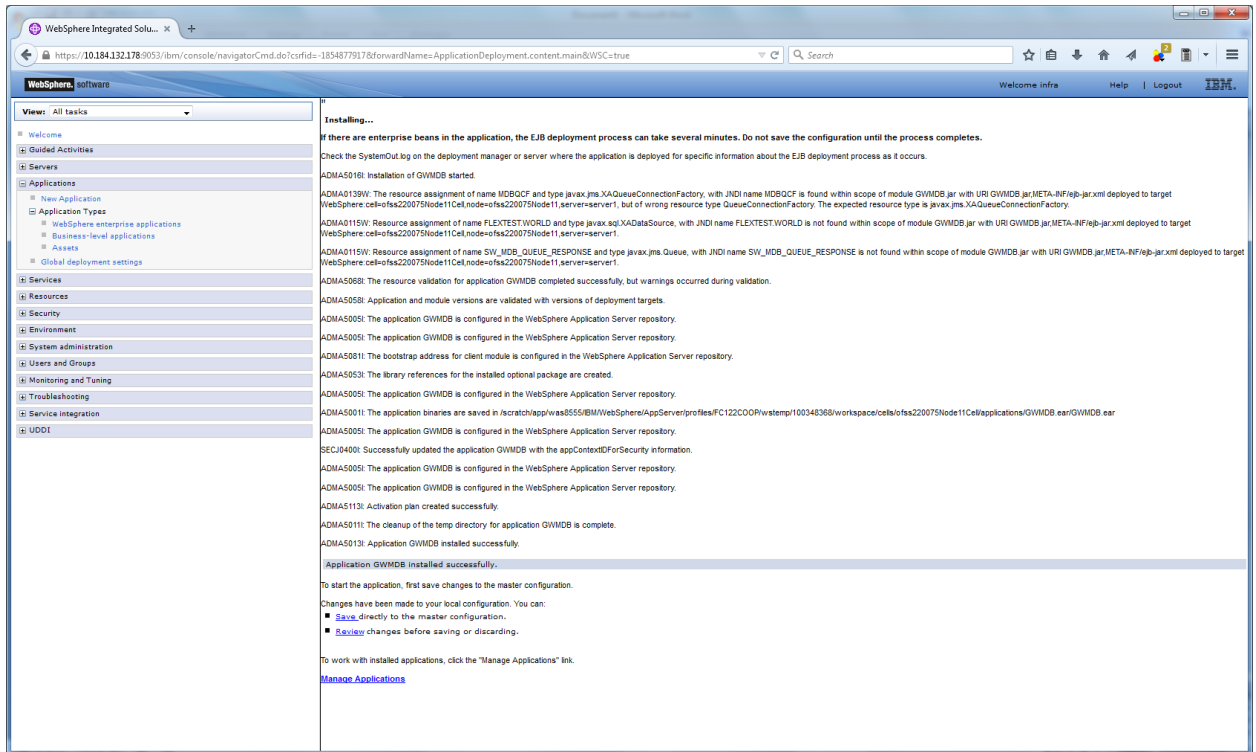
15. Click on continue and below screen is displayed.



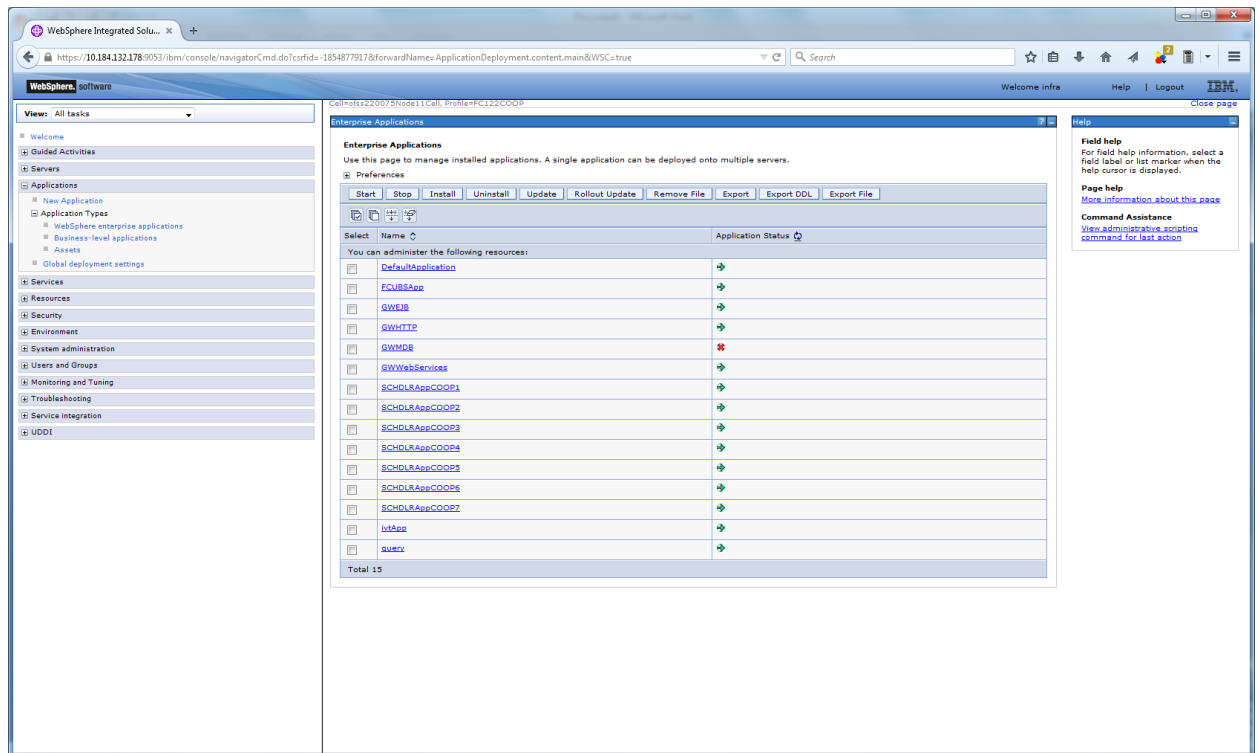
16. Click on next and following screen is displayed.



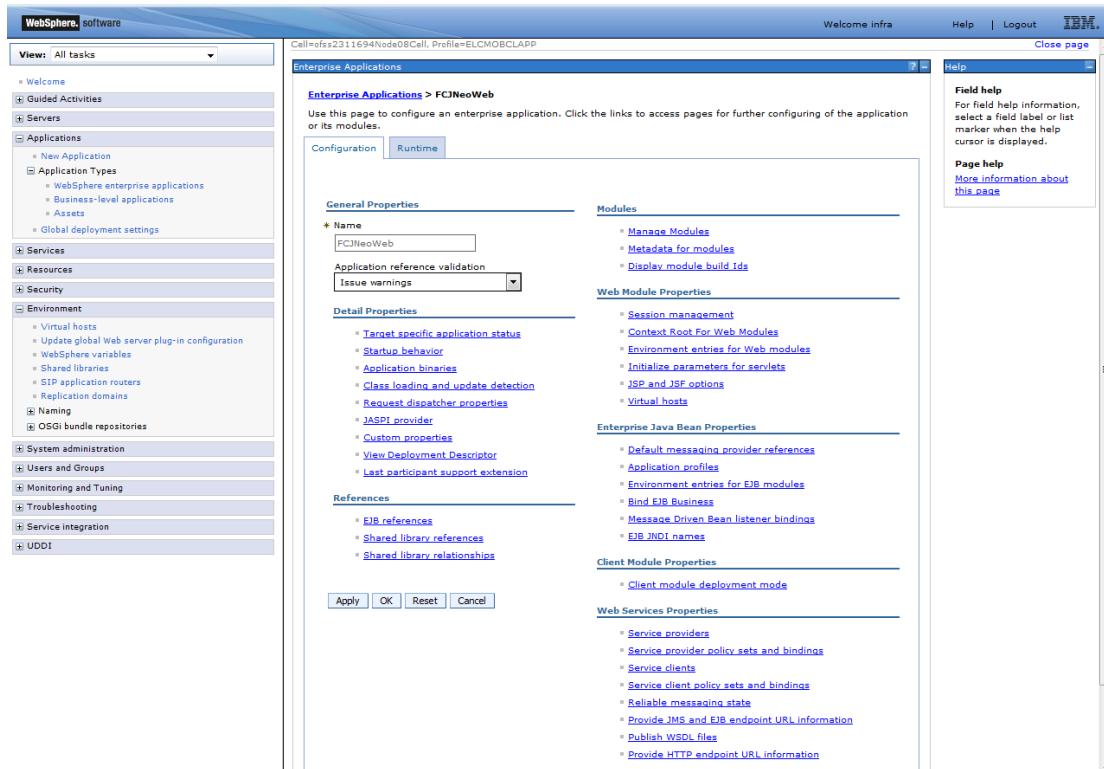
17. Click on Finish and following screen is displayed.



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.

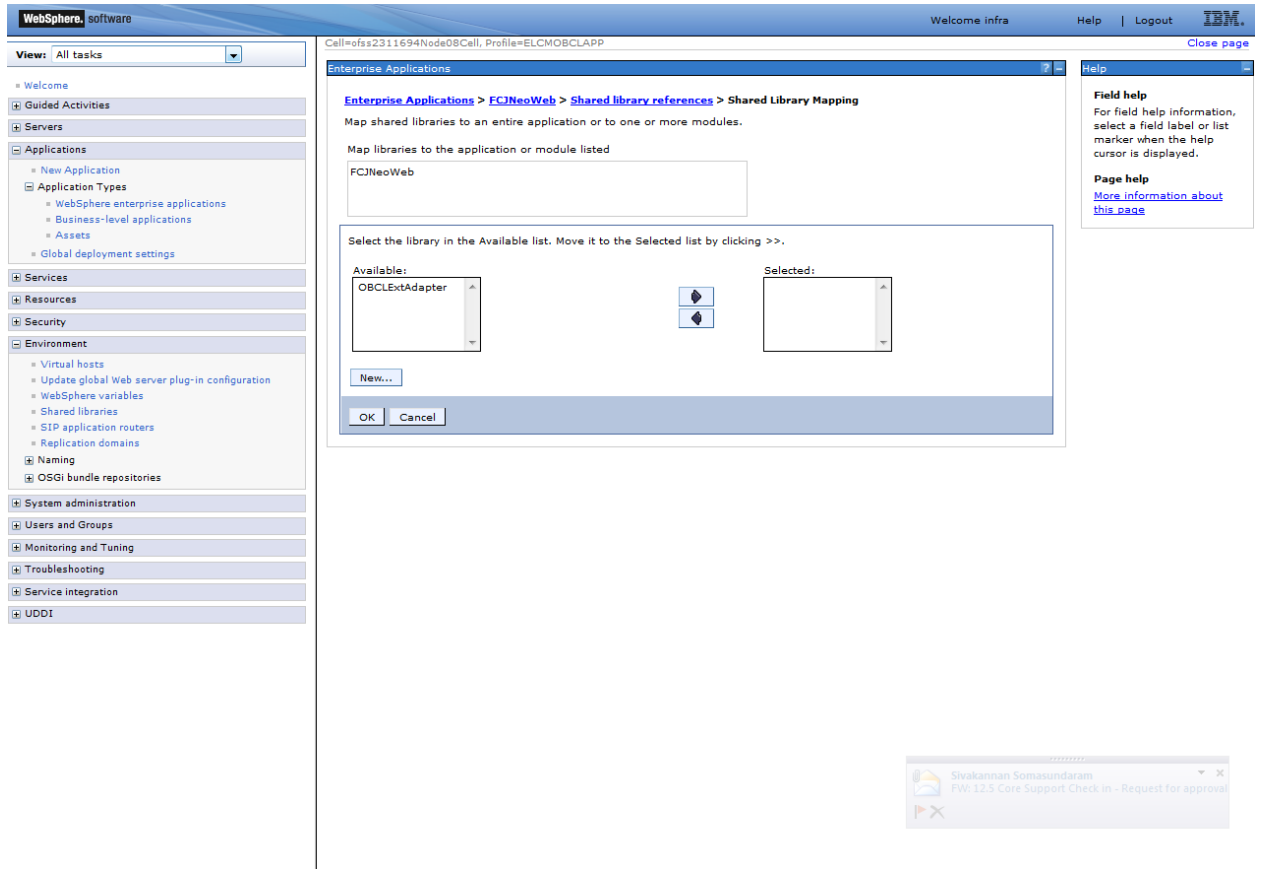
The screenshot shows the WebSphere software administration console. The left sidebar contains a navigation tree with categories like 'Guided Activities', 'Servers', 'Applications', 'Services', 'Resources', 'Security', 'Environment', 'System administration', 'Users and Groups', 'Monitoring and Tuning', 'Troubleshooting', 'Service integration', and 'UDDI'. The main content area is titled 'Enterprise Applications > FCJNeoWeb > Shared library references'. Below the title, there is a section for 'Shared Library Mapping for Modules' with a 'Reference shared libraries' button. A table lists the shared libraries for the application:

Select	Application	URI	Shared Libraries
<input type="checkbox"/>	FCJNeoWeb	META-INF/application.xml	OBCLExtAdapter
Select	Module	URI	Shared Libraries
<input type="checkbox"/>	FlexCubeCorporate	FCJNeoWeb.war,WEB-INF/web.xml	
<input type="checkbox"/>	Enterprise Limits Gateway	ELCMWeb.war,WEB-INF/web.xml	
<input type="checkbox"/>	Security Management Gateway	SMWeb.war,WEB-INF/web.xml	

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

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

The following screen is displayed.

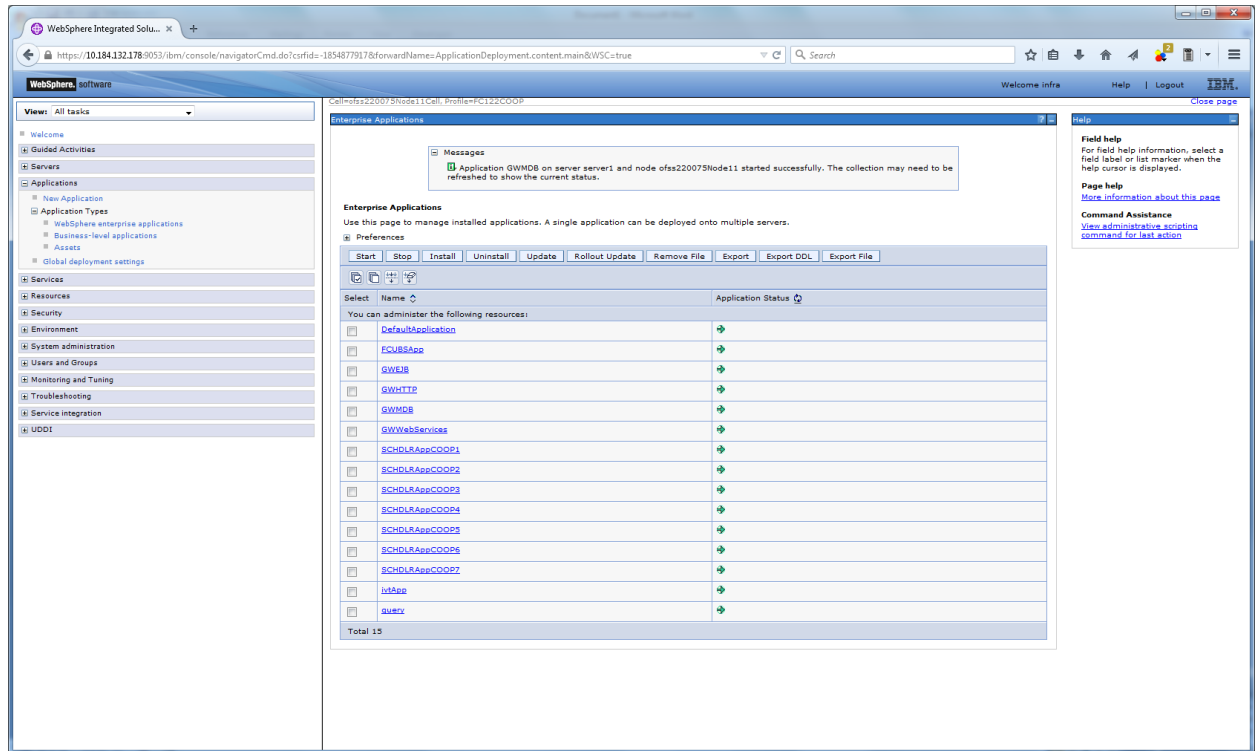


22. Click on right arrow button to add Available shared library reference.
The following screen is displayed.

The screenshot displays the IBM WebSphere software administration console. The top navigation bar includes the 'WebSphere software' logo, the user 'Welcome infra', and links for 'Help' and 'Logout'. The main content area is titled 'Enterprise Applications' and shows a breadcrumb trail: 'Enterprise Applications > FCJNeoWeb > Shared library references > Shared Library Mapping'. Below this, there is a text box for 'Map shared libraries to the application or module listed' containing 'FCJNeoWeb'. A dialog box is open, prompting the user to 'Select the library in the Available list. Move it to the Selected list by clicking >>.'. The 'Available:' list is empty, and the 'Selected:' list contains 'OBCLExtAdapter'. The dialog box includes 'New...', 'OK', and 'Cancel' buttons. On the left, a navigation tree shows various system administration options. On the right, a 'Help' panel provides field help information and a link to 'More information about this page'.

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

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



MDB EAR deployment is successfully finished.

1.2.6 FCUBS HTTP Application Deployment

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

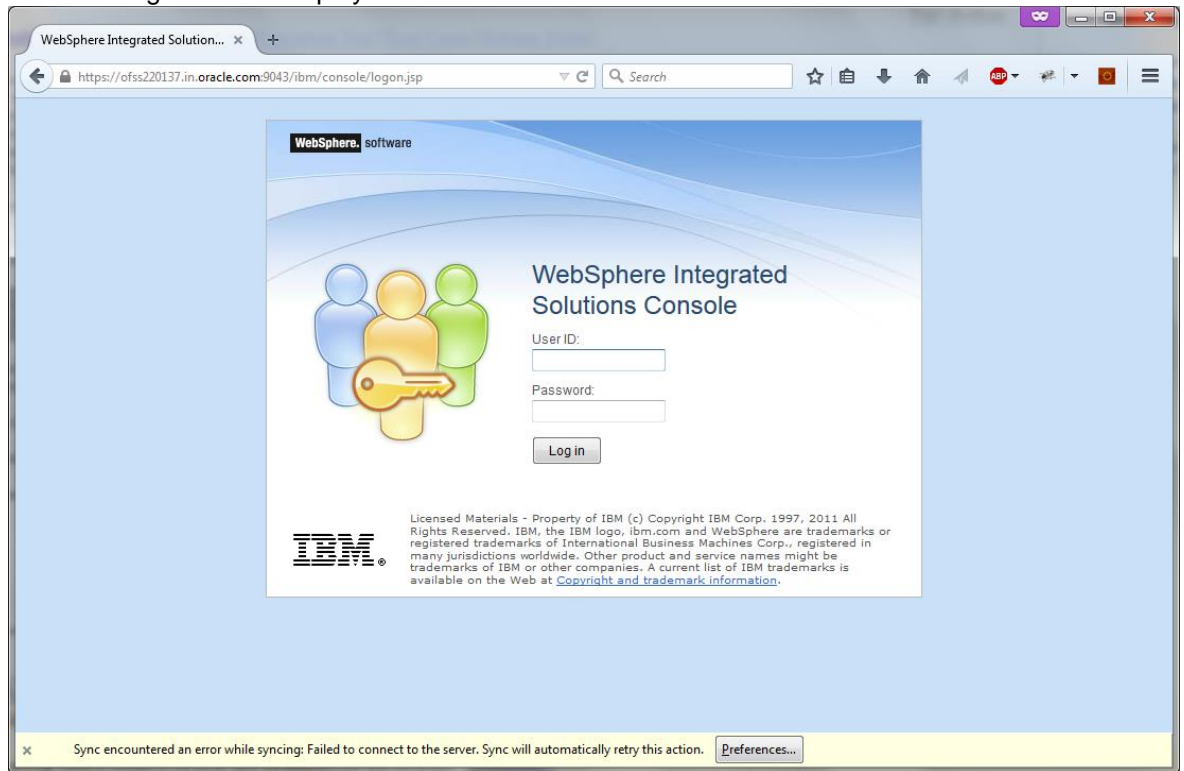
1. Open the Administrative Console of WebSphere server:

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

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

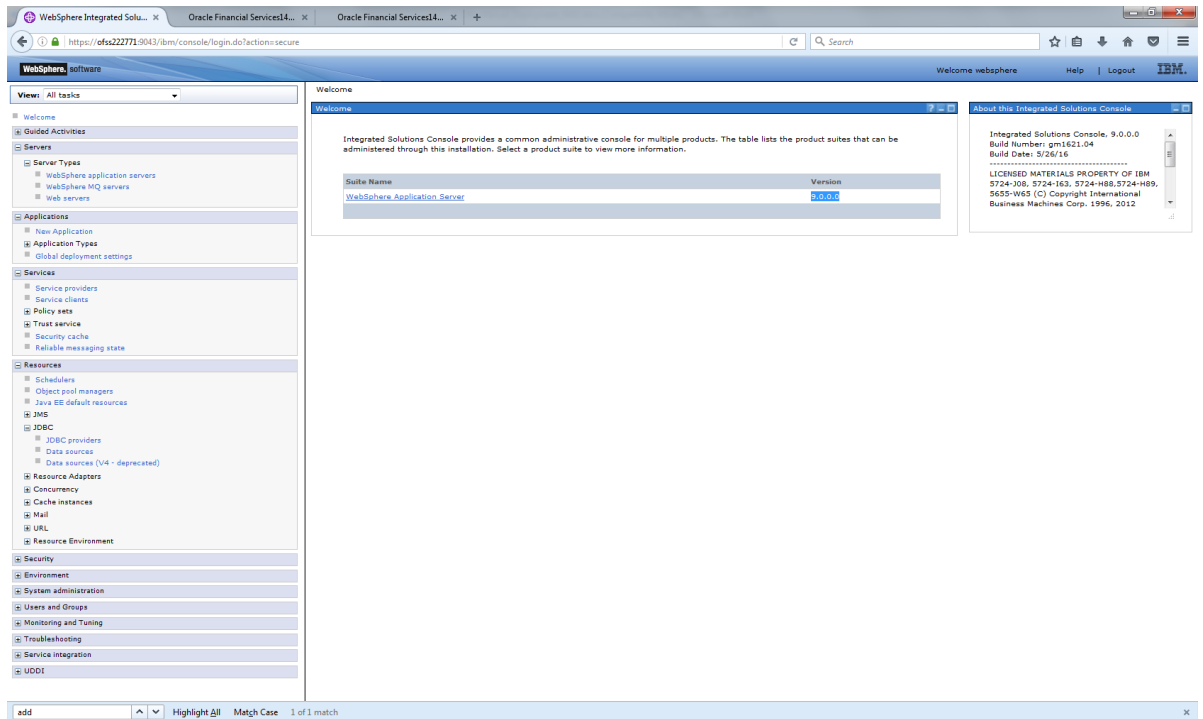
In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running.

The following screen is displayed:



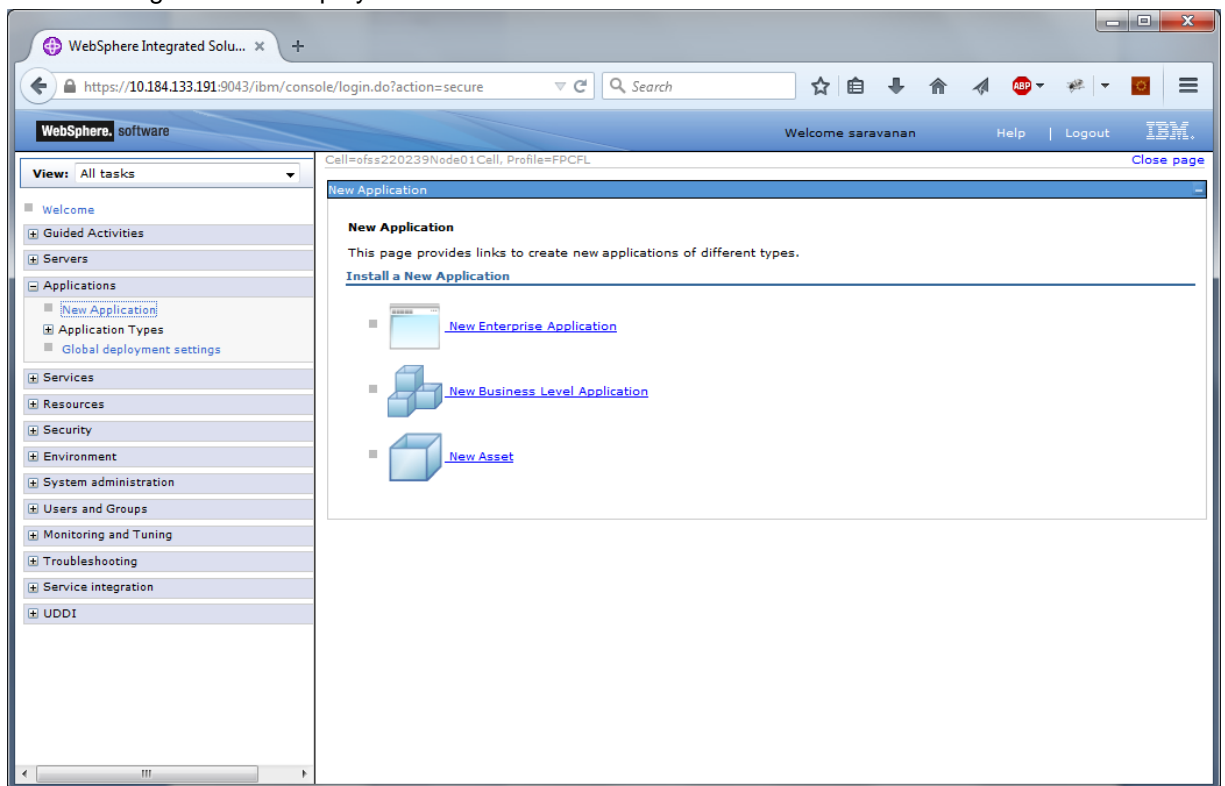
2. Enter the user name and password and click 'Log In' to log in to the application server.
3. Navigate to the WebSphere Home Page.

The following screen is displayed.

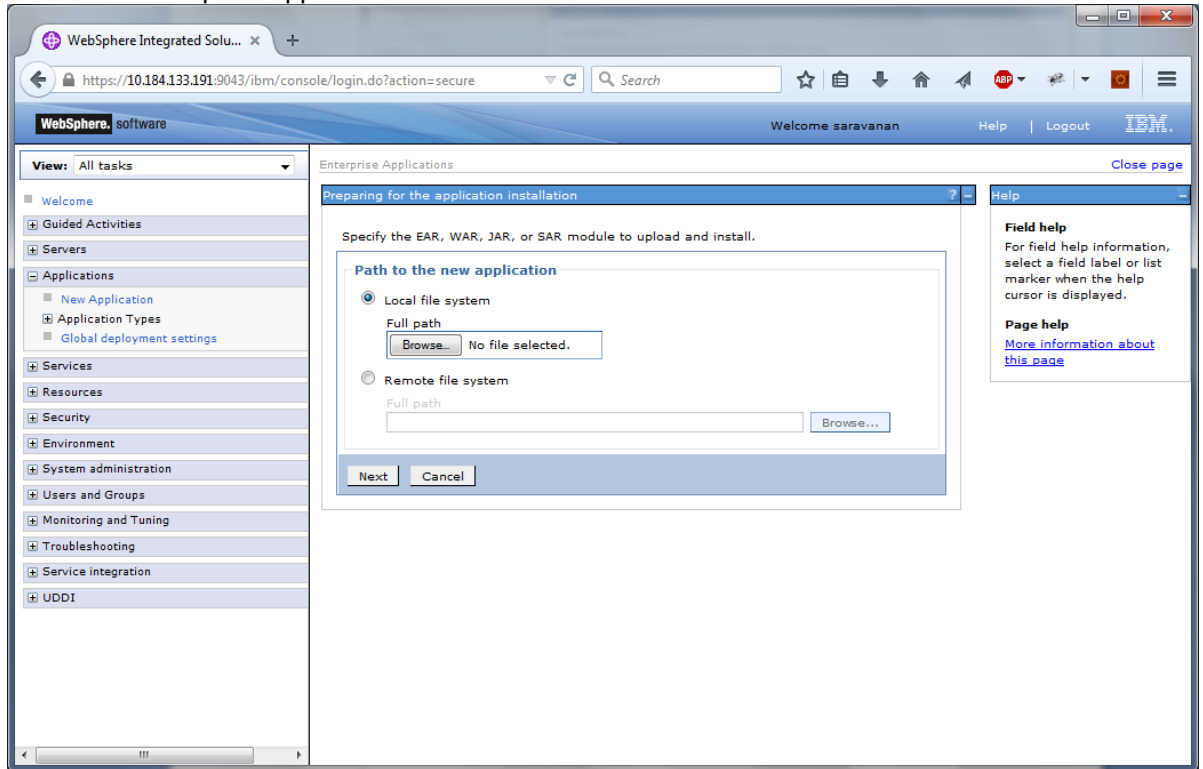


4. Expand Applications from left-side menu and Click 'New Application'.

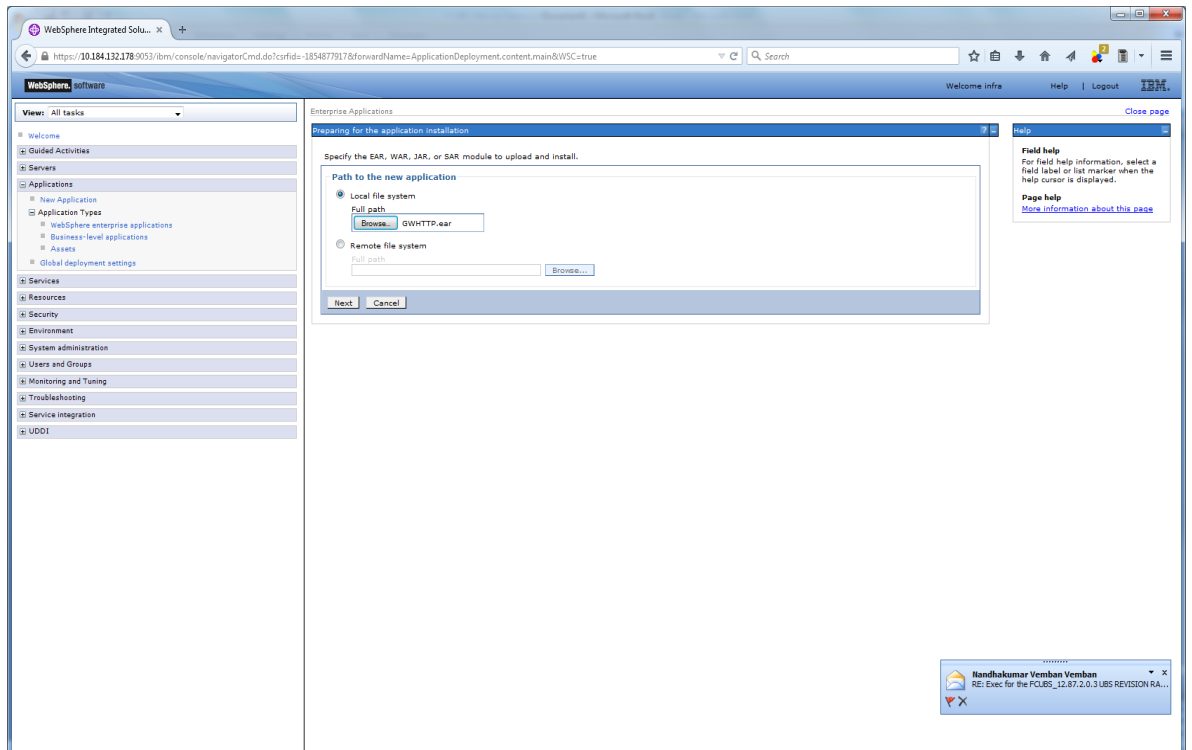
The following screen is displayed.



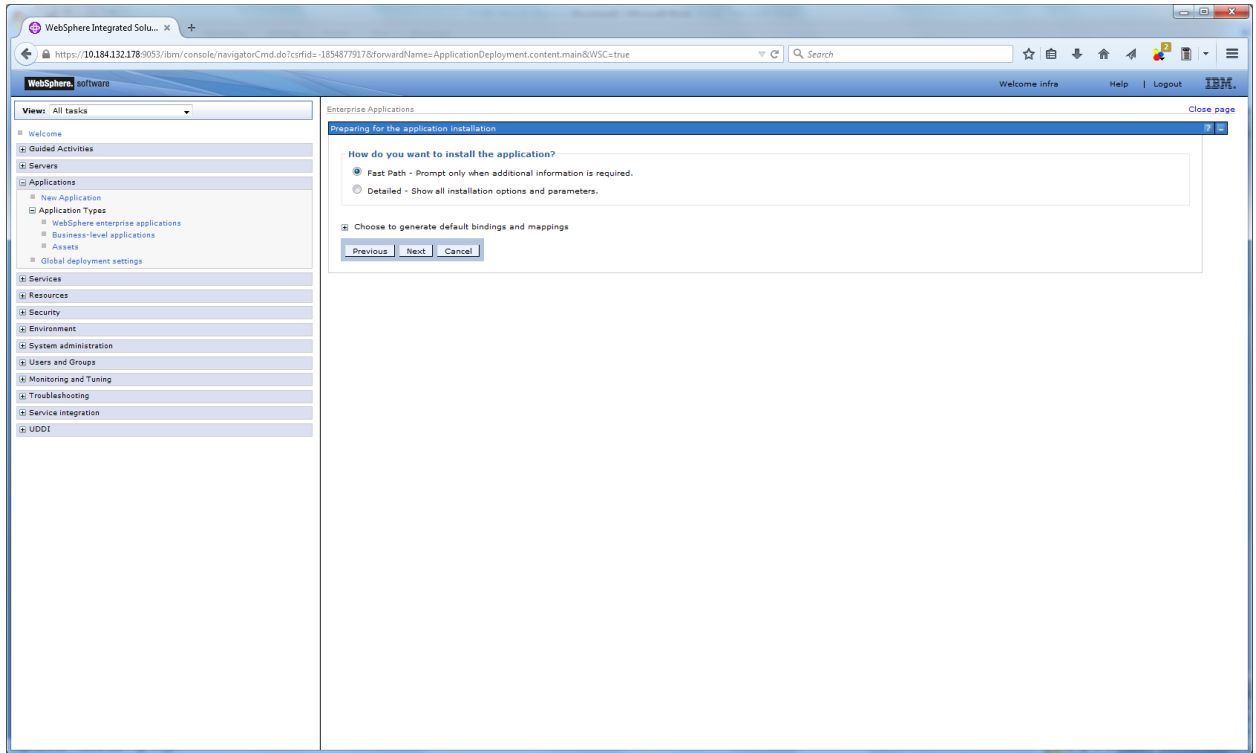
5. Click 'New Enterprise Application.'



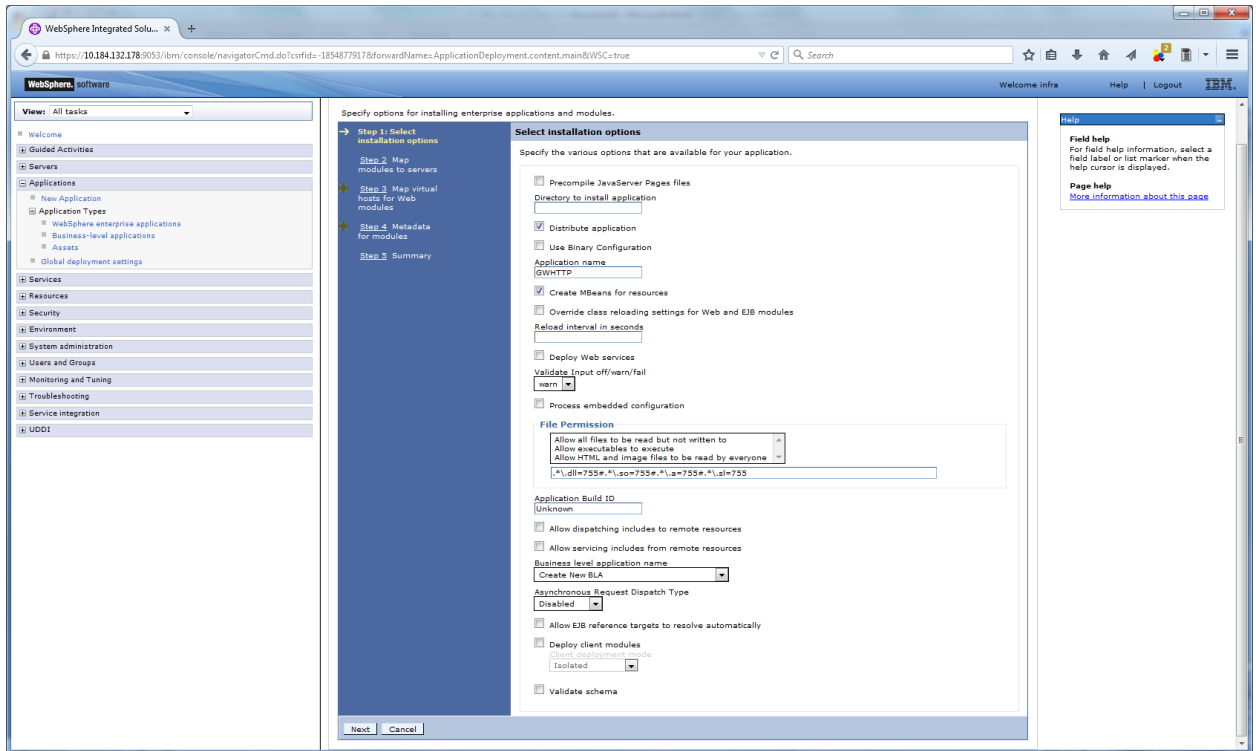
6. Browse the application EAR file and click next button



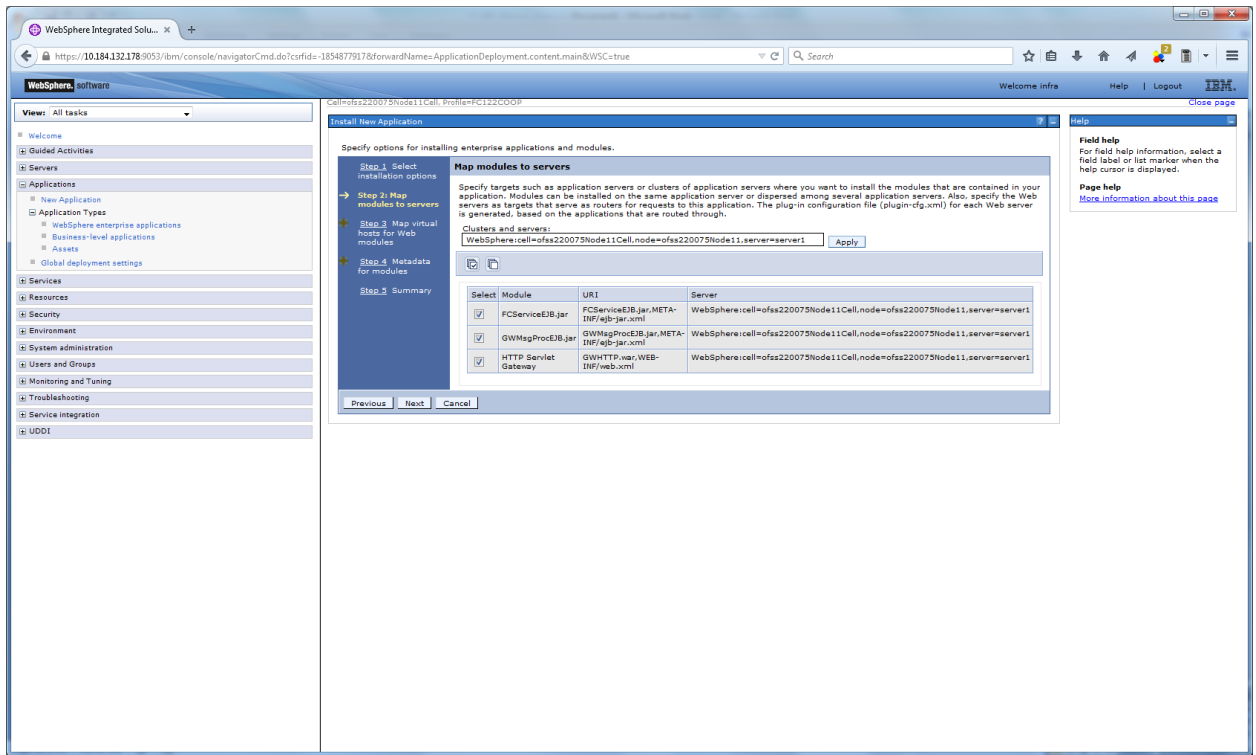
7. Click next and the following screen is displayed.



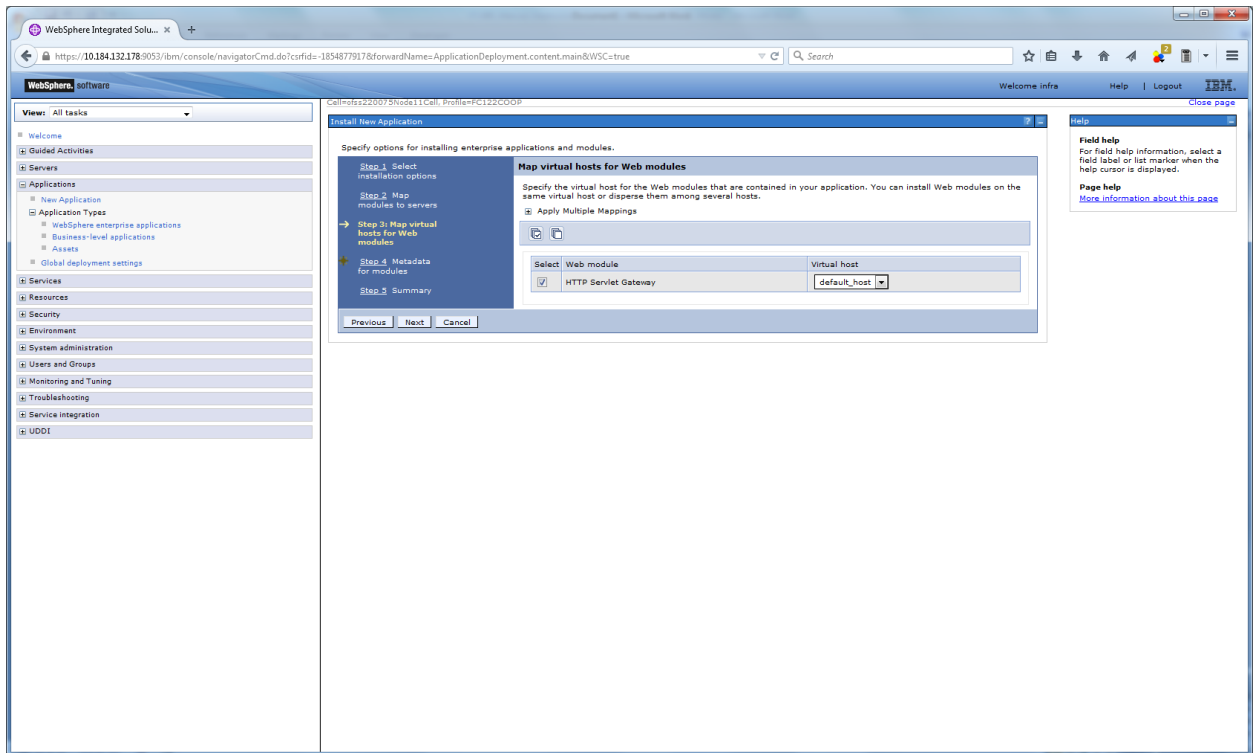
8. Click next and the following screen is displayed.



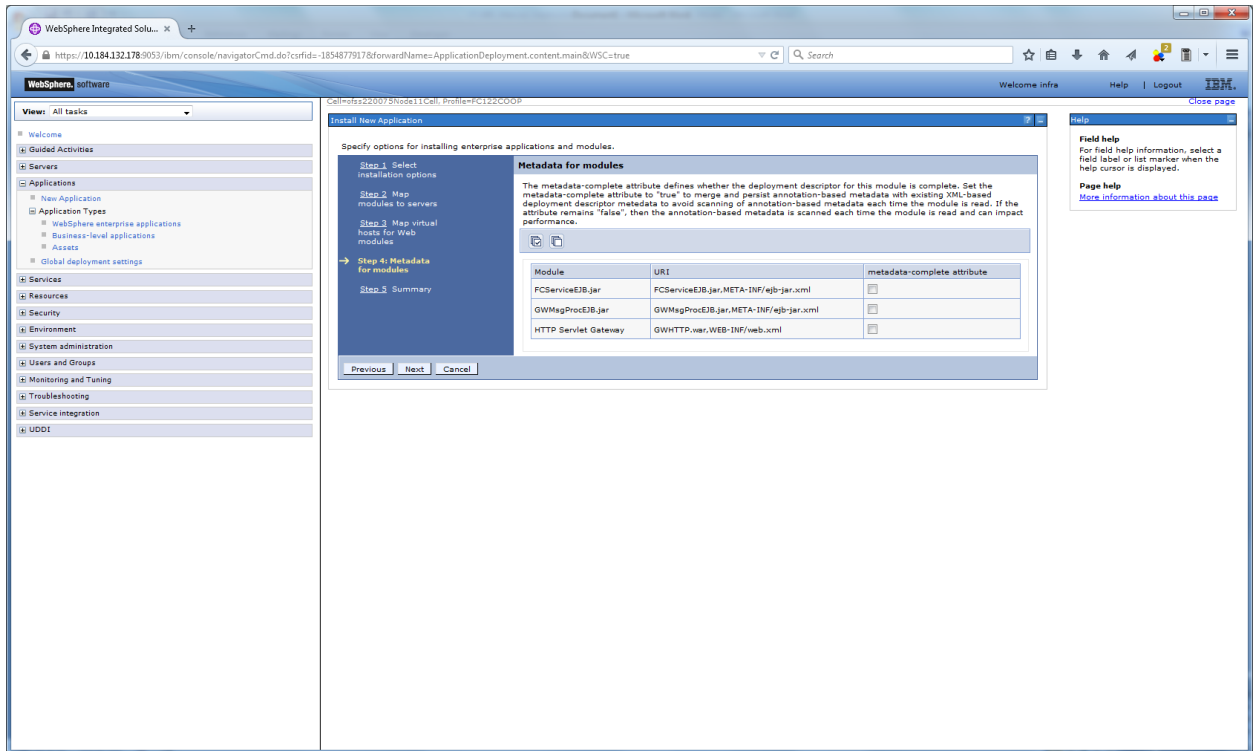
9. Click next and the following screen is displayed.



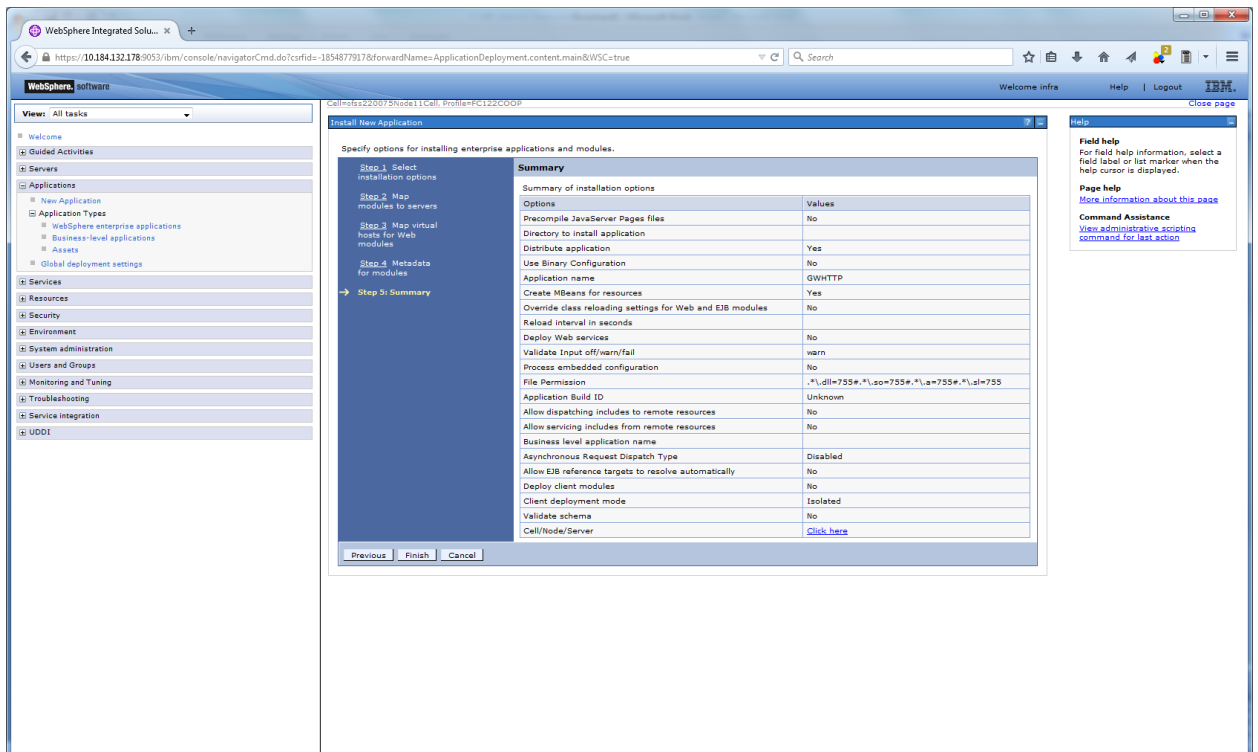
10. Click next and the following screen is displayed.



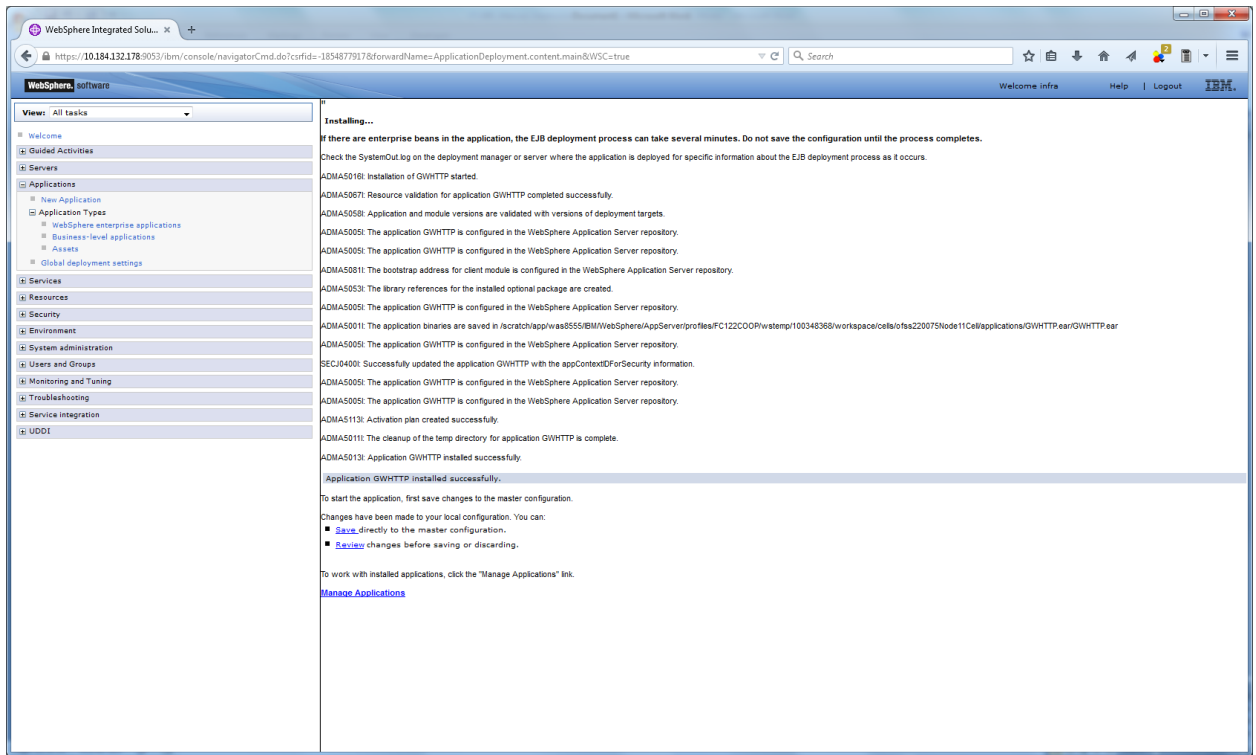
11. Click next and the following screen is displayed.



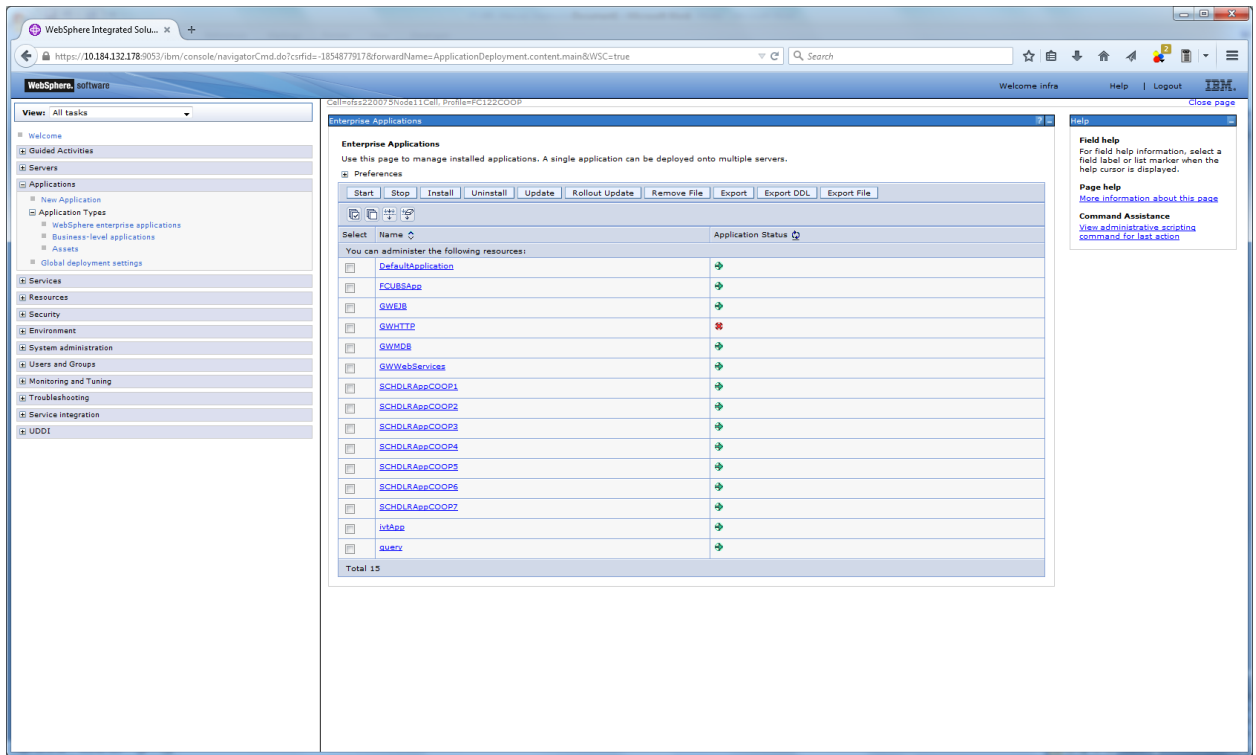
12. Click next and the following screen is displayed.



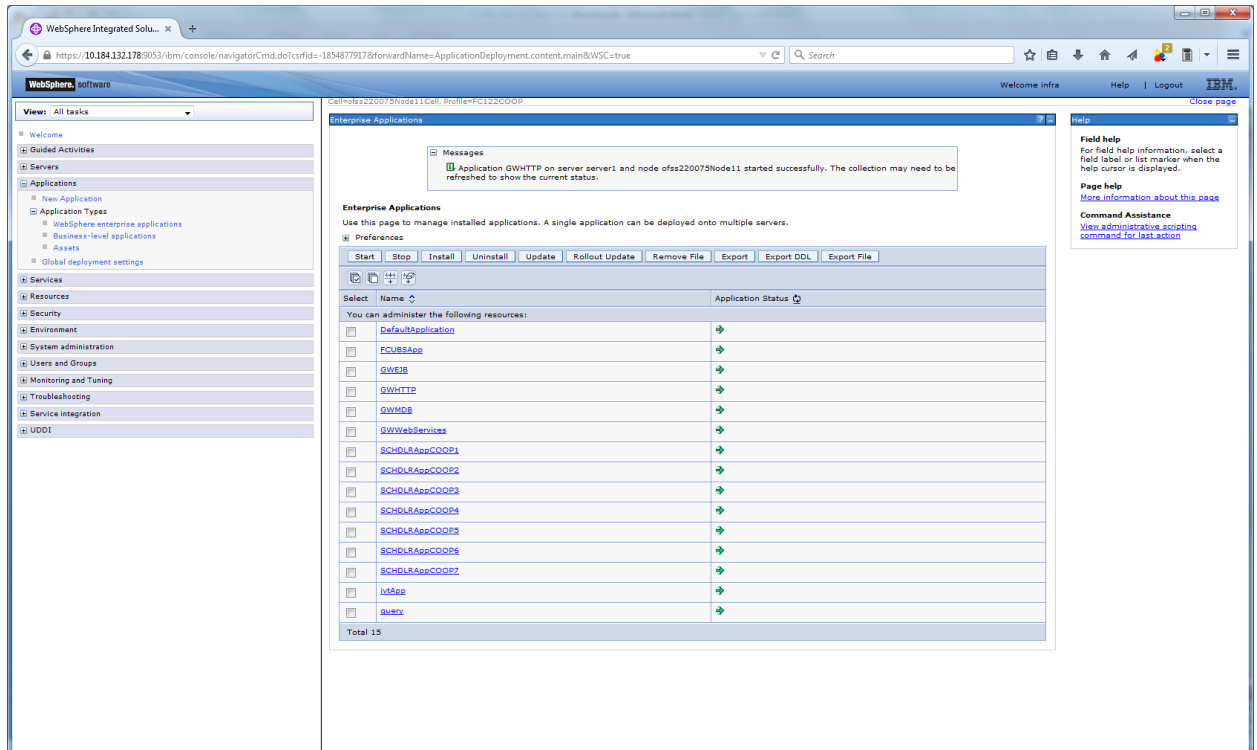
13. Click on finish and the following screen is displayed.



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.

1.2.7 FCUBS GWWebServices Application Deployment

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

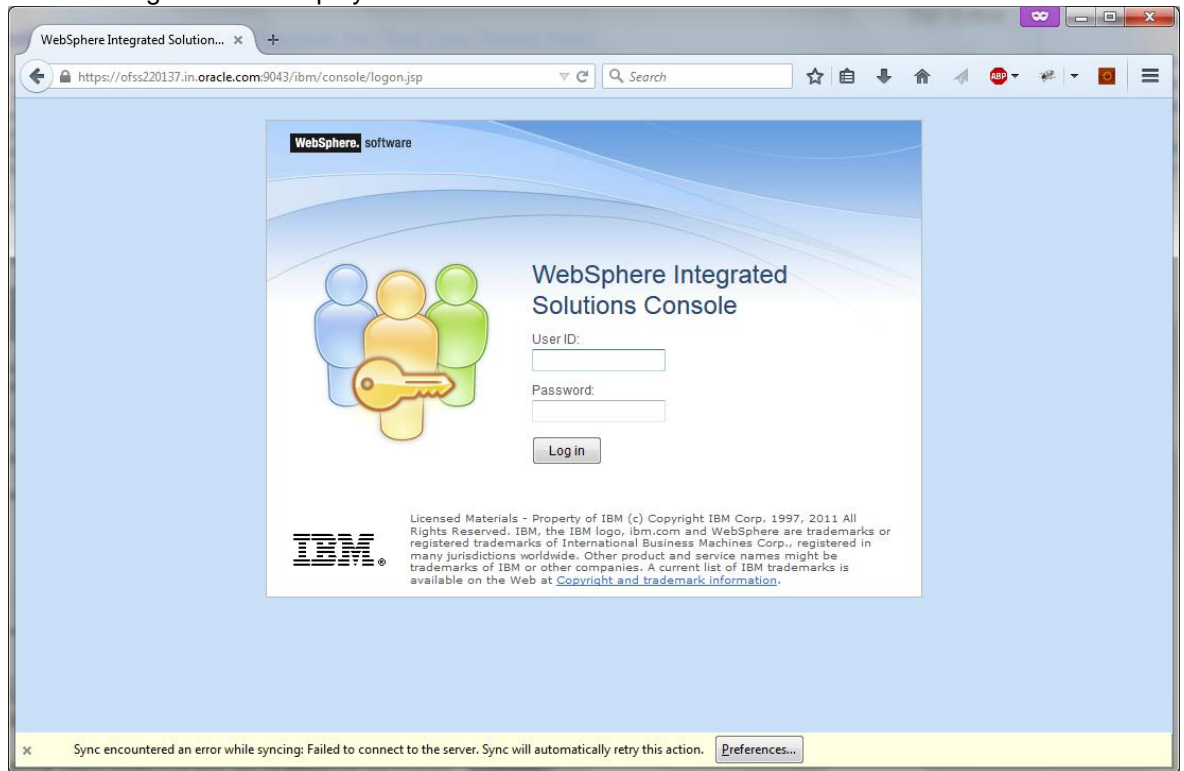
1. Open the Administrative Console of WebSphere server:

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

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

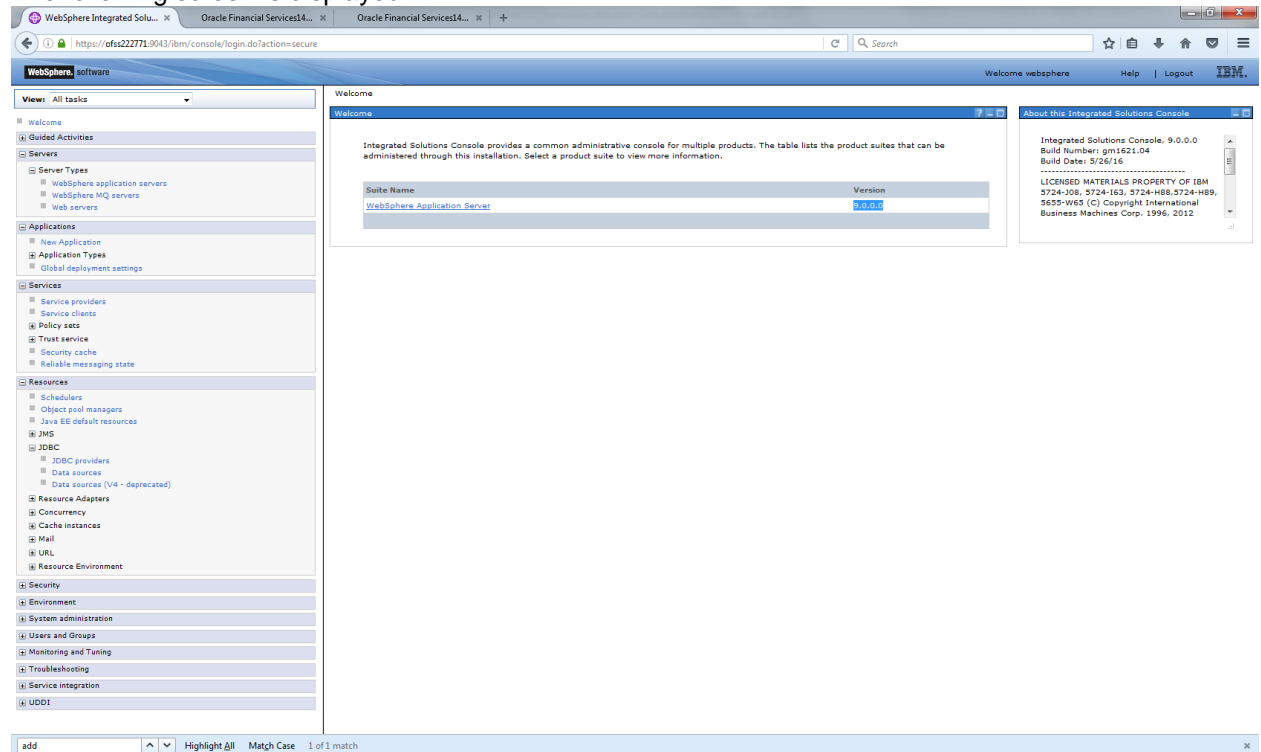
In the above example, 10.10.10.10 is the machine IP address on which WebSphere is running.

The following screen is displayed:



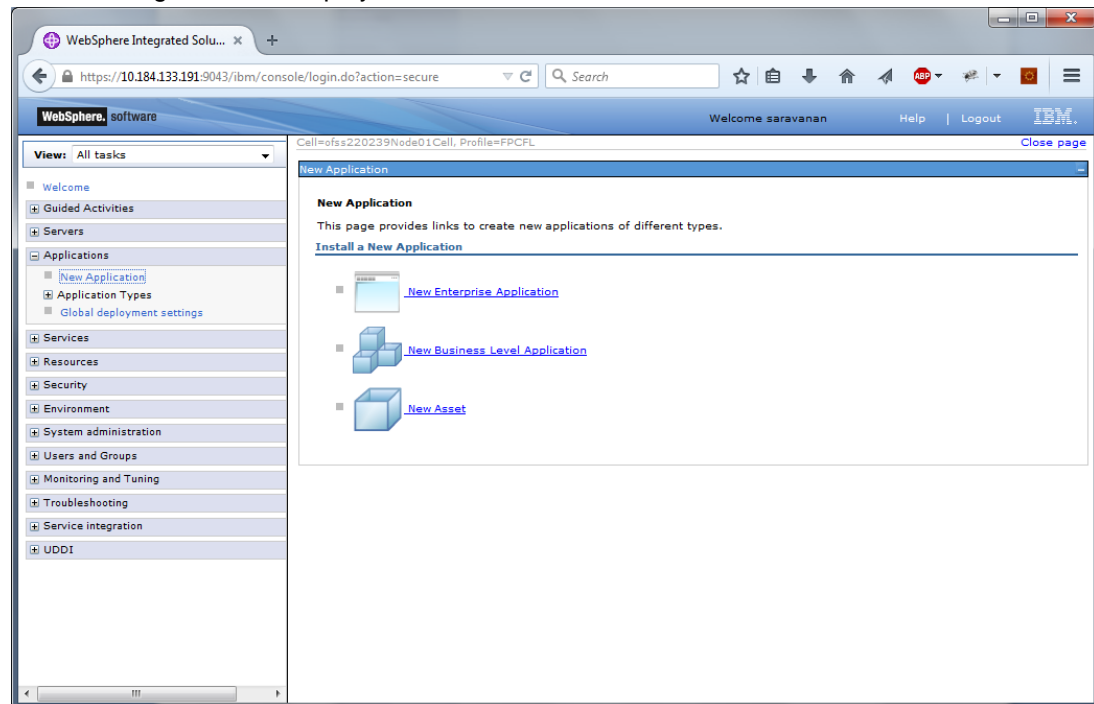
2. Enter the user name and password and click 'Log In' to log in to the application server.
3. Navigate to the WebSphere Home Page.

The following screen is displayed.

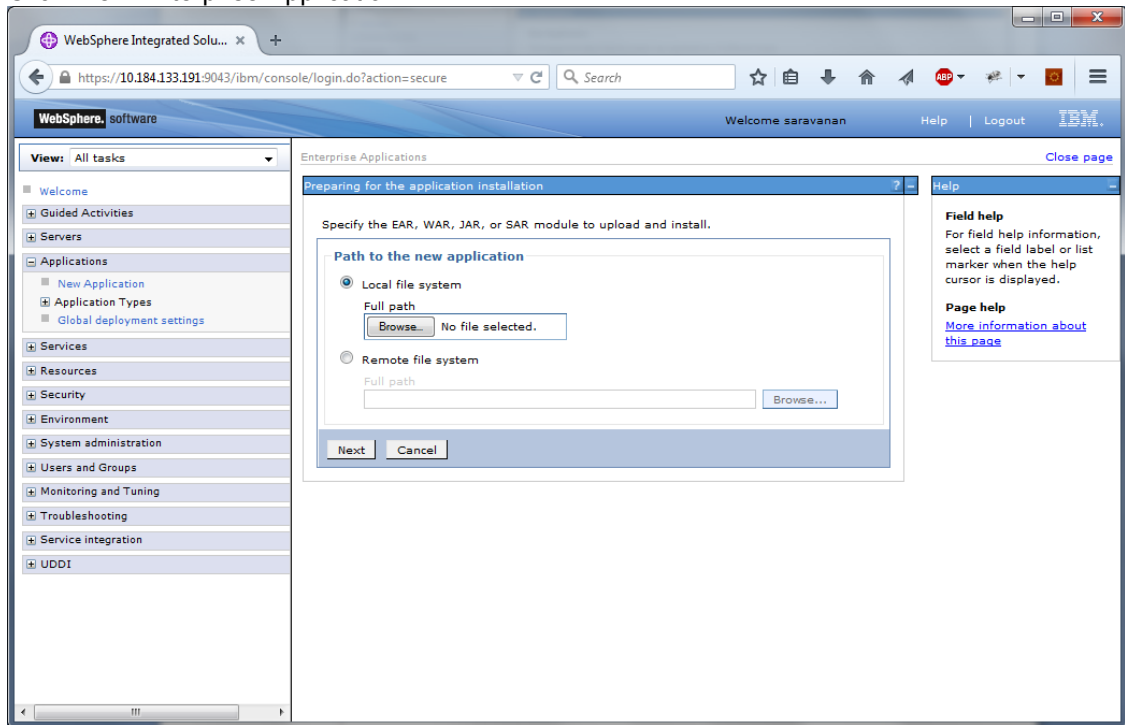


4. Expand Applications from left-side menu and Click 'New Application'.

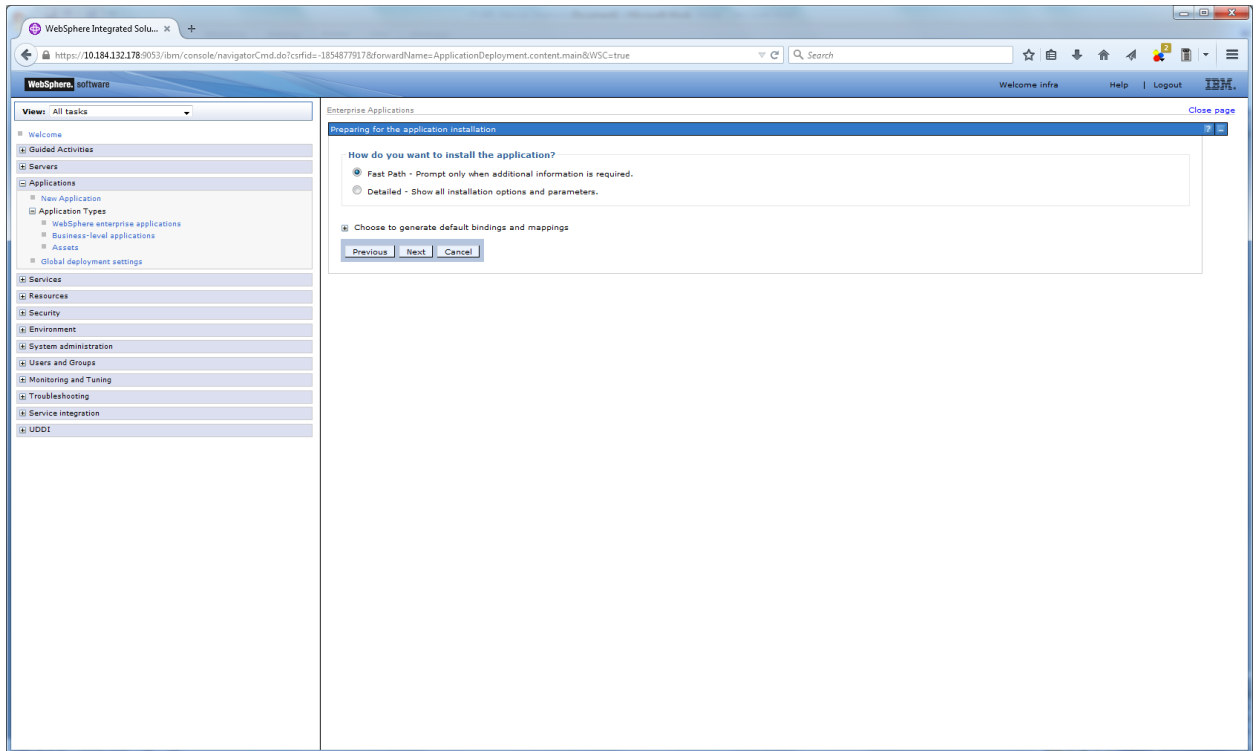
The following screen is displayed.



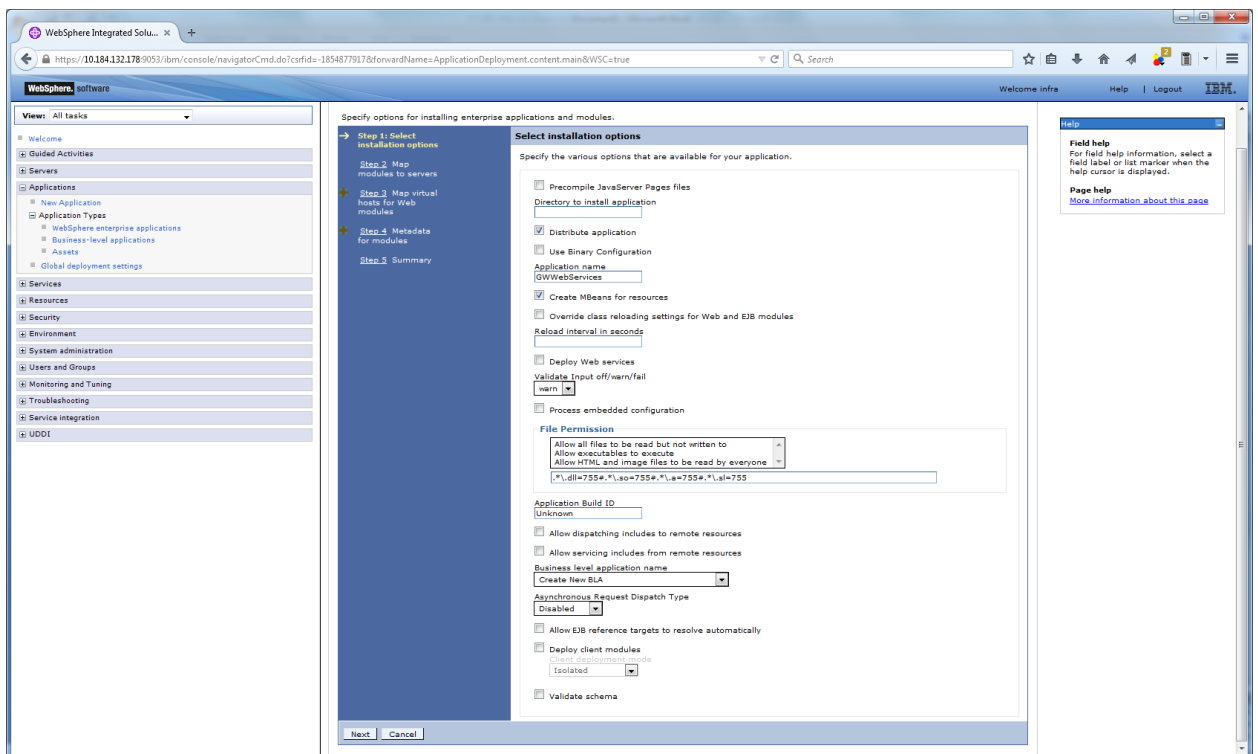
5. Click 'New Enterprise Application.'



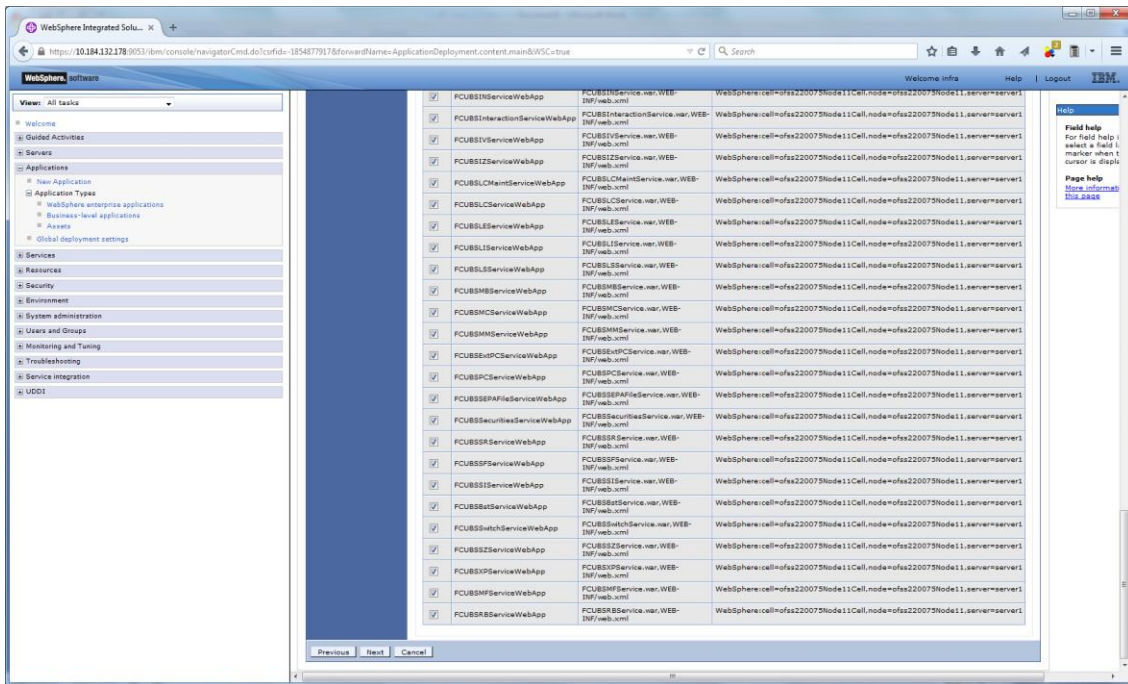
6. Browse the application EAR file and click next button.



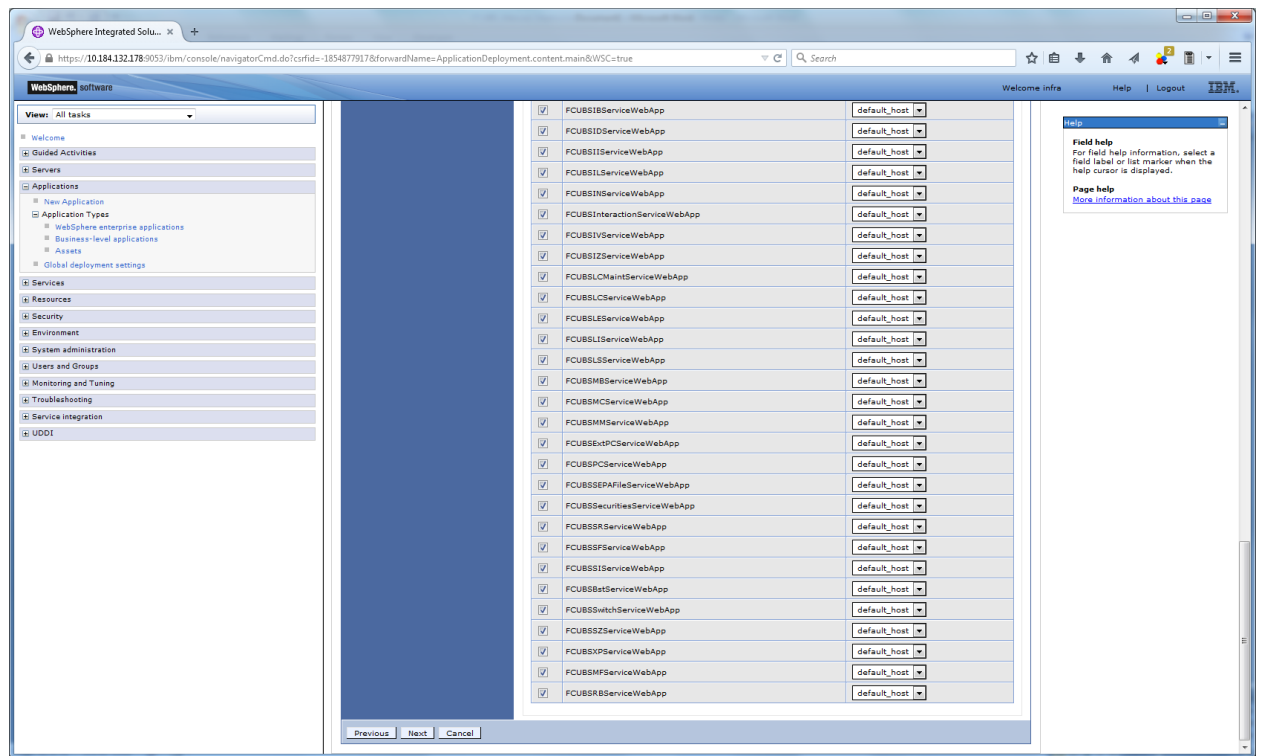
7. Click on next and the following screen is displayed.



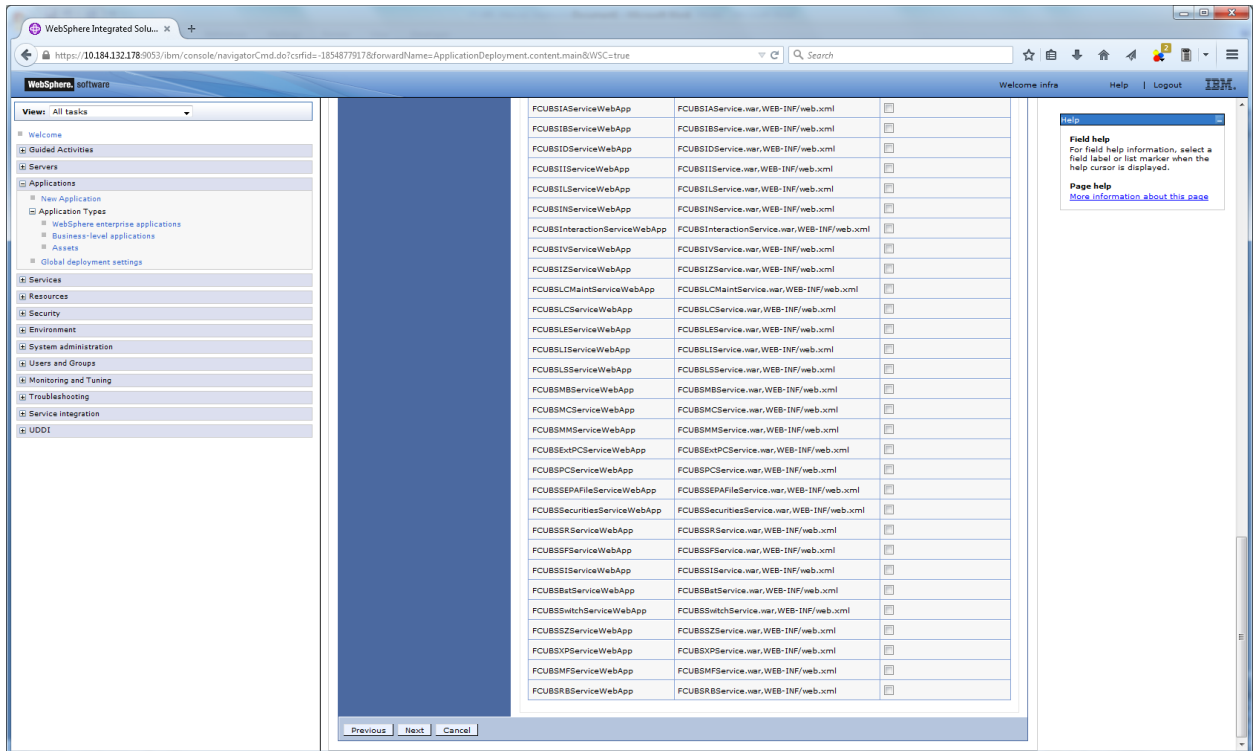
8. Click on next and the following screen is displayed.



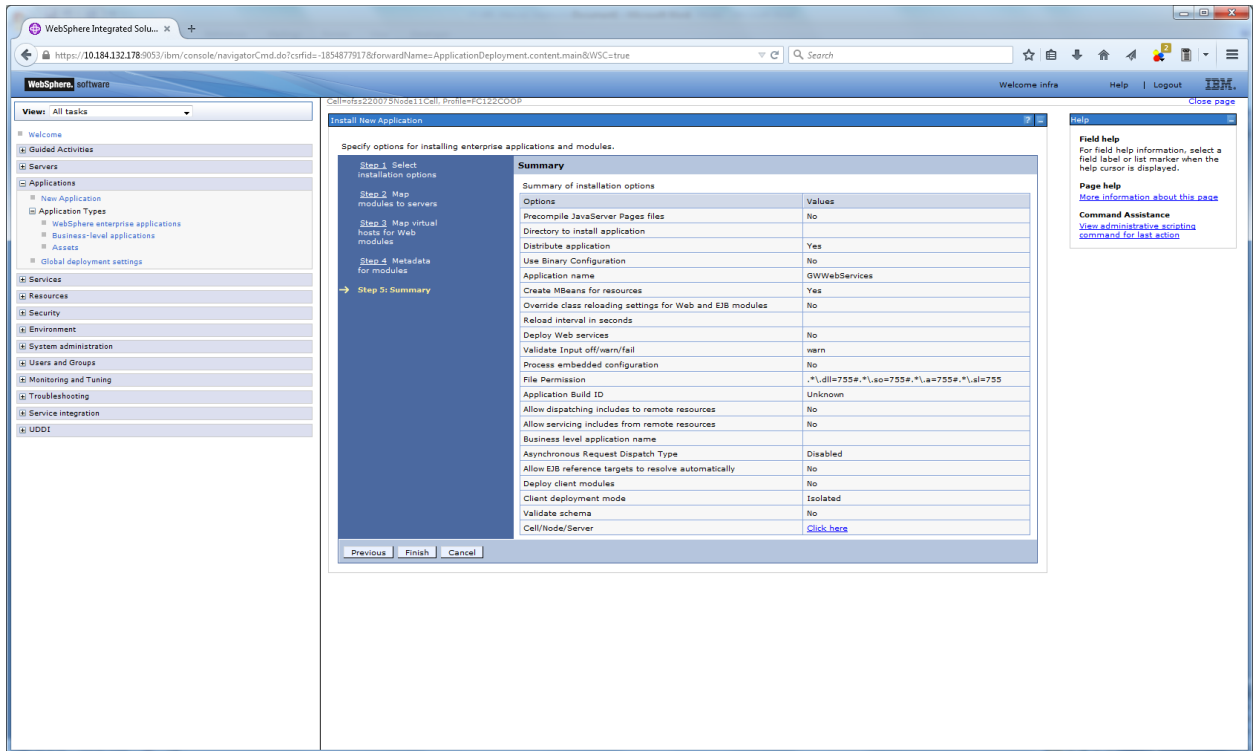
9. Click on next and the following screen is displayed.



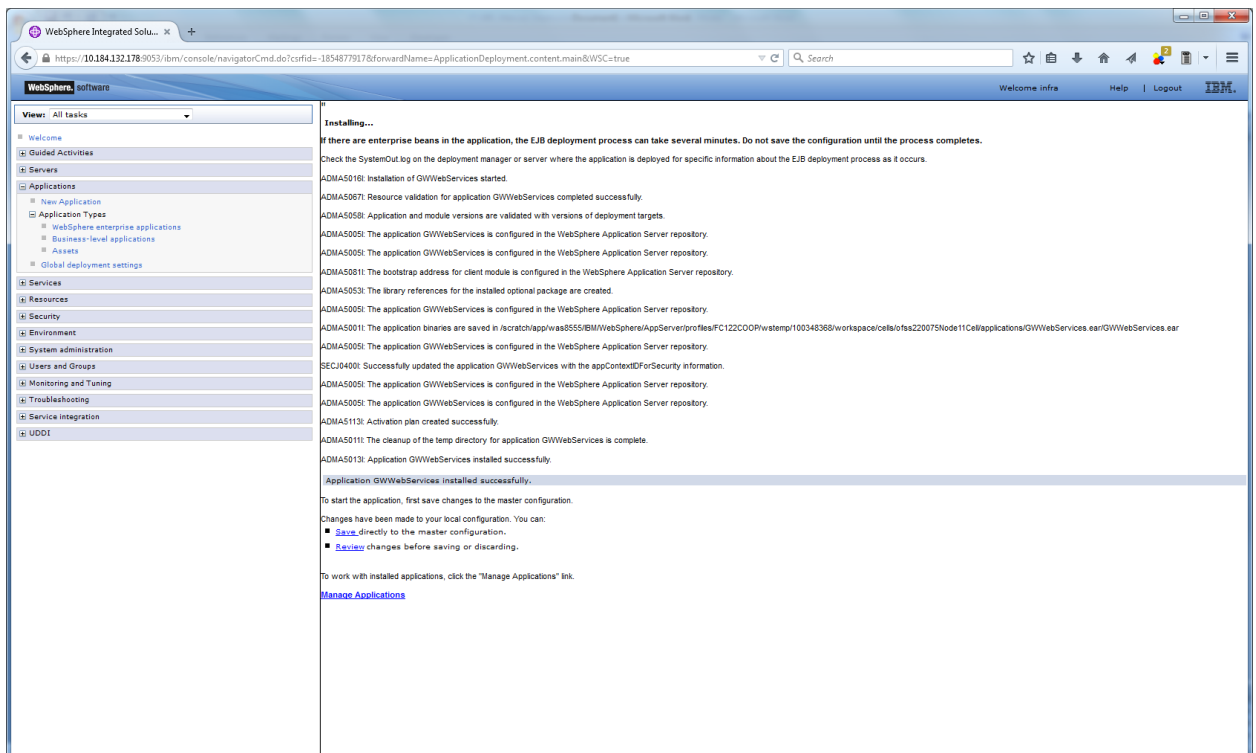
10. Click on next and the following screen is displayed.



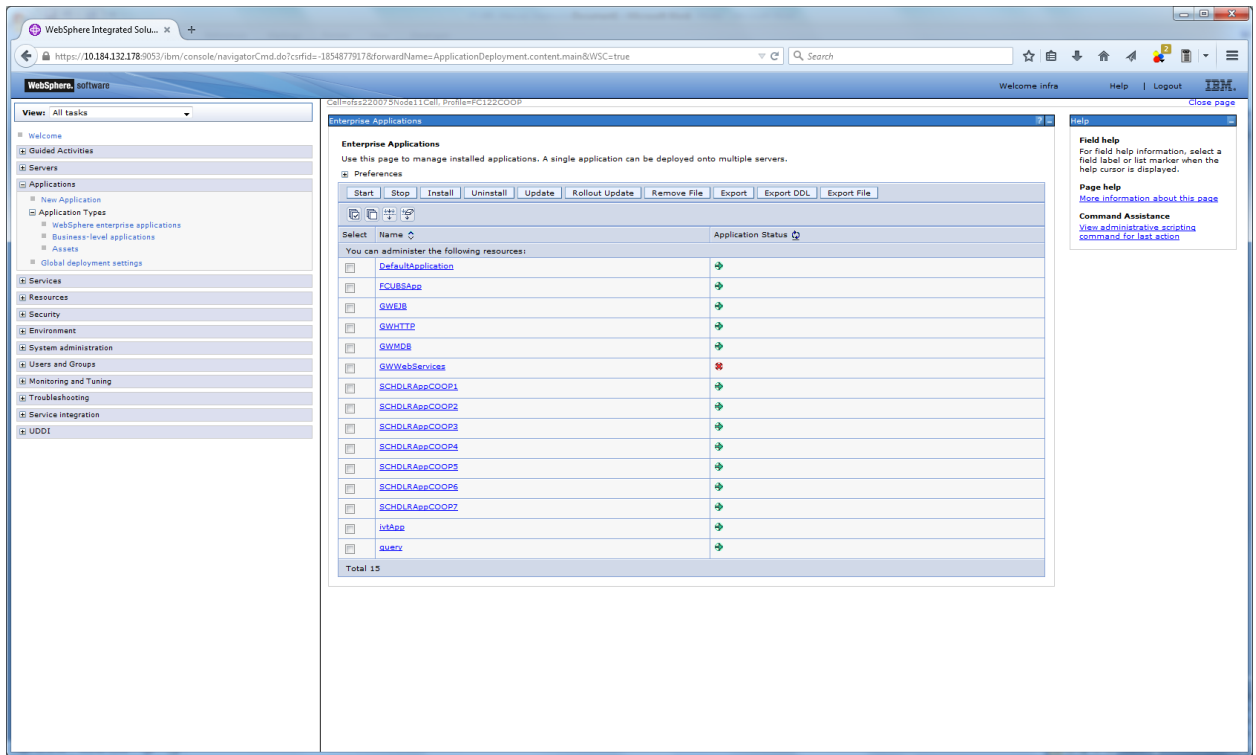
11. Click on next and the following screen is displayed.



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.

The screenshot shows the WebSphere Integrated Solutions console interface. The main content area is titled "Enterprise Applications" and contains a table of installed applications. A message at the top indicates that the application GWHHTTP has started successfully. The table lists 15 applications, including GWebServices, with their status shown as a green arrow pointing right.

Select	Name	Application Status
<input type="checkbox"/>	DefaultApplication	→
<input type="checkbox"/>	FCURApp	→
<input type="checkbox"/>	GWEB	→
<input type="checkbox"/>	GWHHTTP	→
<input type="checkbox"/>	GWMDB	→
<input type="checkbox"/>	GWebServices	→
<input type="checkbox"/>	SCHDLRAppCDDP1	→
<input type="checkbox"/>	SCHDLRAppCDDP2	→
<input type="checkbox"/>	SCHDLRAppCDDP3	→
<input type="checkbox"/>	SCHDLRAppCDDP4	→
<input type="checkbox"/>	SCHDLRAppCDDP5	→
<input type="checkbox"/>	SCHDLRAppCDDP6	→
<input type="checkbox"/>	SCHDLRAppCDDP7	→
<input type="checkbox"/>	lvApp	→
<input type="checkbox"/>	quity	→
Total 15		

GWebServices application has been deployed successfully.



Deploying Oracle FLEXCUBE on WebSphere
[February] [2018]
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