**Application Topology**

Client Server Applications

J2EE

1.Servlet

2.JSp---------------3 types of Programming in J2EE

3.EJB

Or Open Source J2EE Technologies

1.Struts

2.Spring

3.Hibernate

**3 types of Application**

Servlet or JSP or Servlet +JSP= **Web Application**

EJB= **Ejb Application**

Servlet or JSP + EJB + WebServices(optional)= **Web based Enterprise Application**

-------------------------------------------------------------------------------------------------------------

**2 forms(format)**

**1.Exploded Format**

the total application will be in a form of Files and Folders

**2.Archieve format**

Compressed format

-------------------------------------------------------------------------------------------------------------

1. Exploded Format(file and folders)

**Exploded Format of Web Application**

\*\*\*\*\*\*\*\*\*WEbApplication are Server Independent

html(css,images,javascirpt) or JSP + servlet +Database

**ICICI(RootFolder)**

|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\*.html(login.html,shoppingcart.html)

|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\*.jsp

|\_\_\_\_\_\_\_\_\_\_\_\_\_\_css(folder)

| |\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\*.css

|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_images(folder)

| |\_\_\_\_\_\_\_\_\_\_\_\_\_\_\*.jpg

|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**WEB-INF(folder)**

|\_\_\_\_\_\_\_\_\_\_\_\_\_\_**web.xml**(deployment descriptor)

|\_\_\_\_\_\_\_classes(folder)

|\_\_\_\_\_\*.class(compiled Java classes)

login.class

shoppingcart.class

**Exploded Format of EJB Application**

1 EJB Application= 1 type of EJB Bean+ RMI+ JNDI

\*\*\*\*\*\*\*\*\*EJB Application are Server dependent

**ICICIEJB(RootFolder)**

|

|\_\_\_\_\_\_\_\_\_\*.class------------any type java client class to receiver input for ejb app

|\_\_\_\_\_\_\_\_\_Homeinterface.class-------RMI Class

|\_\_\_\_\_\_\_\_remoteinterface.class-----RMI Class

|\_\_\_\_\_\_\_\_ejbbean.class-----------EJB Class

|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**META-INF(folder)**

|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**ibm-websphere-ejb-jar.xml(**vendor dependent deployment descriptor)

|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**ejb-jar.xml**(vendor independent deployment descriptor)

**Exploded format of web based Enterprise Application**

**Webapplication + Ejbapplication + webservcies**(Optional)

**ICICI(RootFolder)**

|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\*.html(login.html,shoppingcart.html)

|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\*.jsp

|\_\_\_\_\_\_\_\_\_\_\_\_\_\_css(folder)

| |\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\*.css

|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_images(folder)

| |\_\_\_\_\_\_\_\_\_\_\_\_\_\_\*.jpg

|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**WEB-INF(folder)**

| |\_\_\_\_\_\_\_\_\_\_\_\_\_\_**web.xml(**deployment descriptor)

|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_classes(folder)

| |\_\_\_\_\_\_\_\_\_\_\_\*.class(compiled Java classes)

| |\_\_\_\_\_\_\_\_\_\_\_\_Homeinterface.class

| |\_\_\_\_\_\_\_\_\_\_\_\_remoteinterface.class

| |\_\_\_\_\_\_\_\_\_\_\_\_ejbbean.class

| |\_\_\_\_\_\_\_\_\_\_**META-INF(folder)**

| |\_\_\_\_\_\_\_ **ibm-websphere-ejb-jar.xml(** (vendor dependent deployment descriptor)

| |\_\_\_\_\_\_\_**ejb-jar.xml**(vendor independent deployment descriptor)

|\_\_\_\_\_\_\_**application.xml (Optional)**

|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_lib(Optional)

| |\_\_\_\_\_\_\_\_\_\_\_\_\_\*.jar

|\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_services(Optional)

**|\_\_\_\_\_\_\_\_\_\_\_\_\_\*.wsdl (Webservices files)**

-------------------------------------------------------------------------------------------------------------------------------

**2.Archieve Format**(Compressed Format)

webapplication**------------\*.war** (web archieve files)

ejb application**--------------\*.jar**(java archieve files)

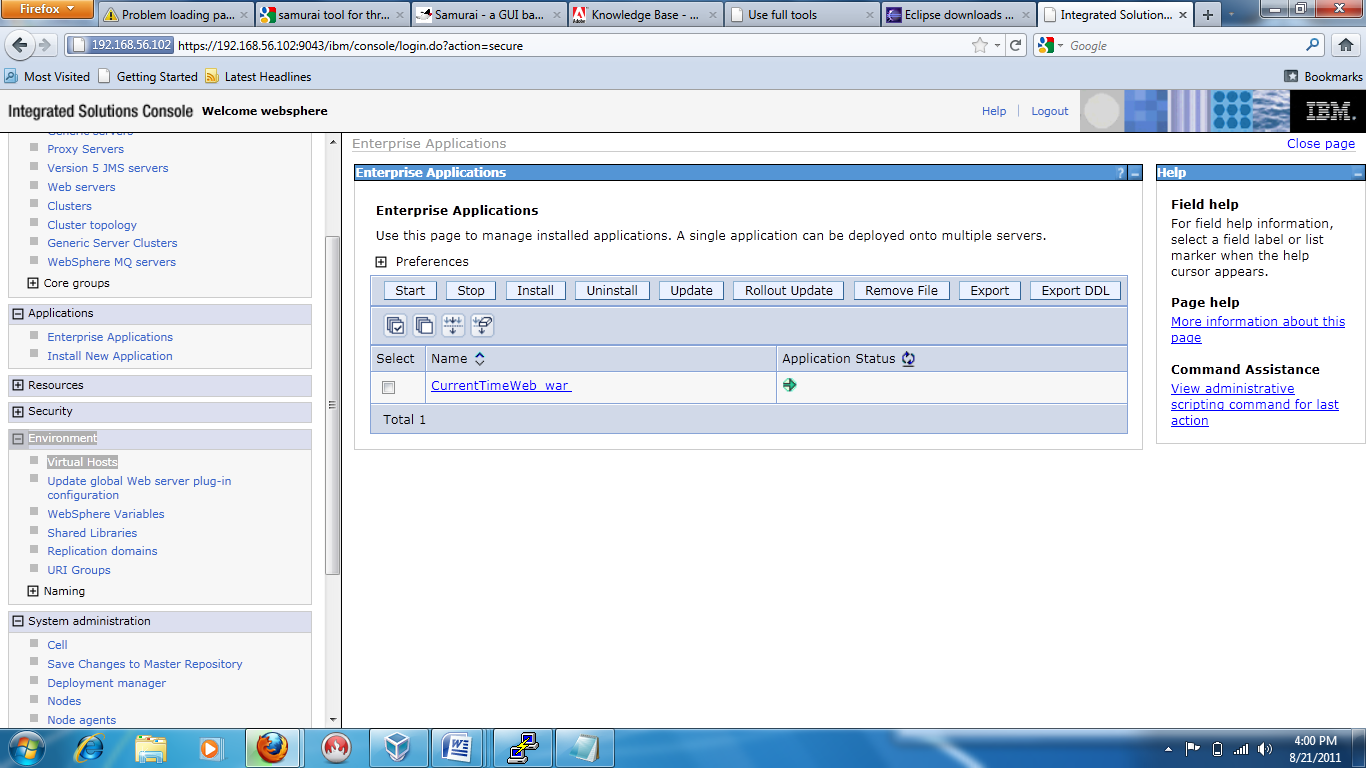
web based Enterprise Application**------\*.ear (\*.war +\*.jar)**  enterprise archive files

Spring-AOP---Services **\*.sar**

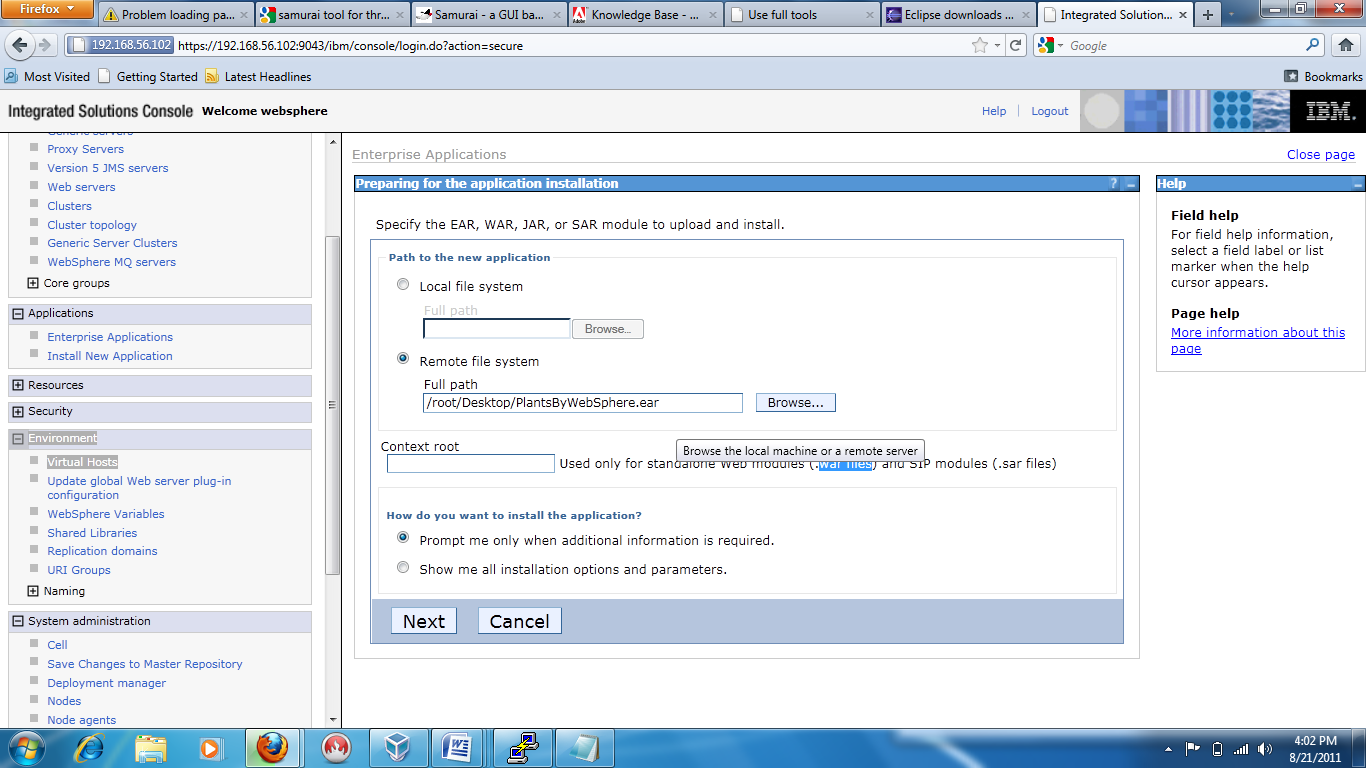
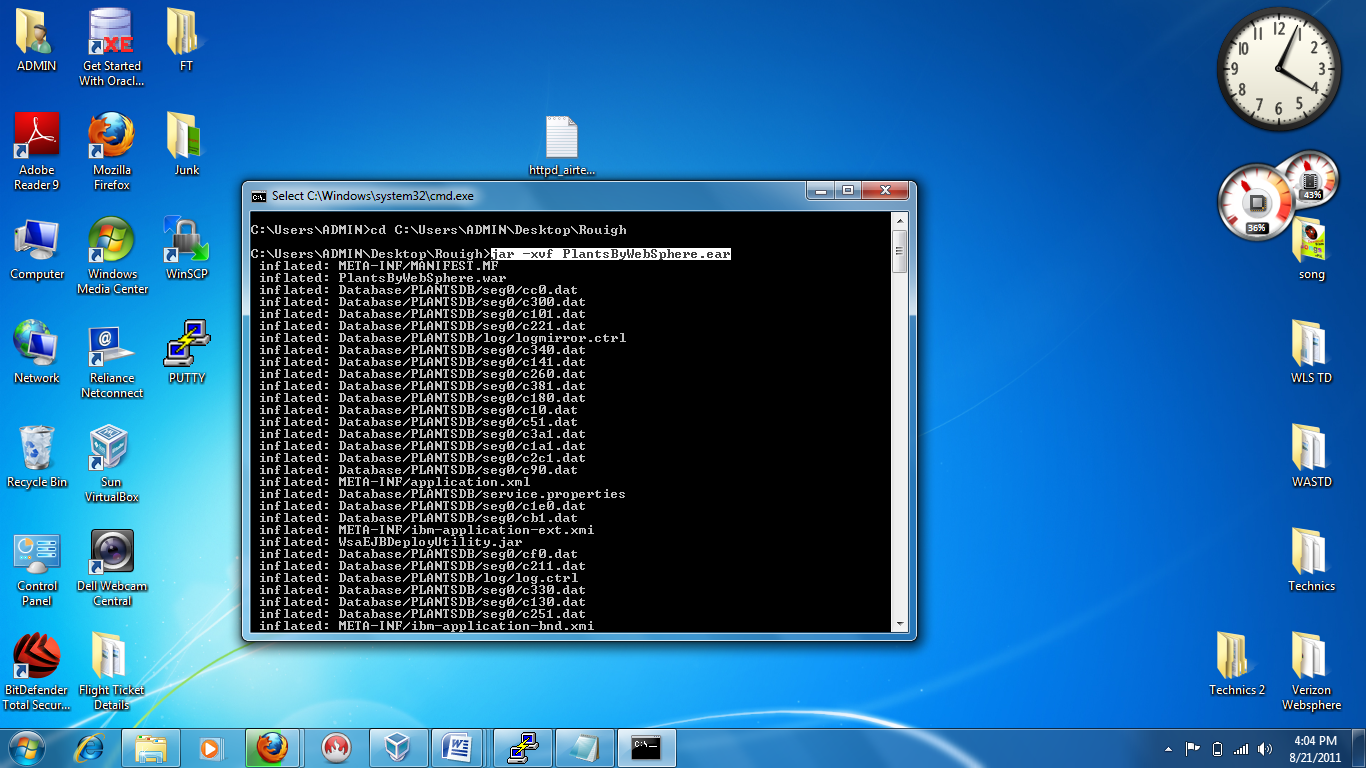
**\*.rar**

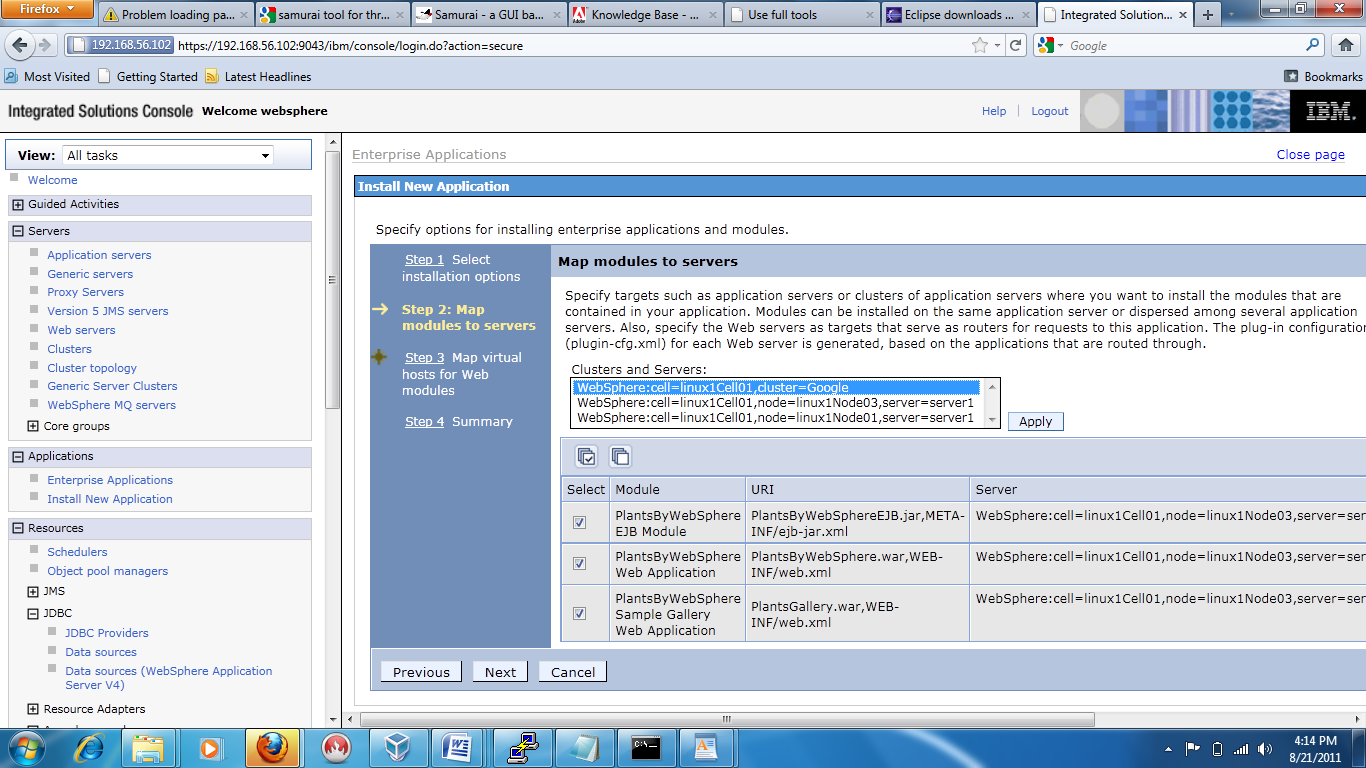
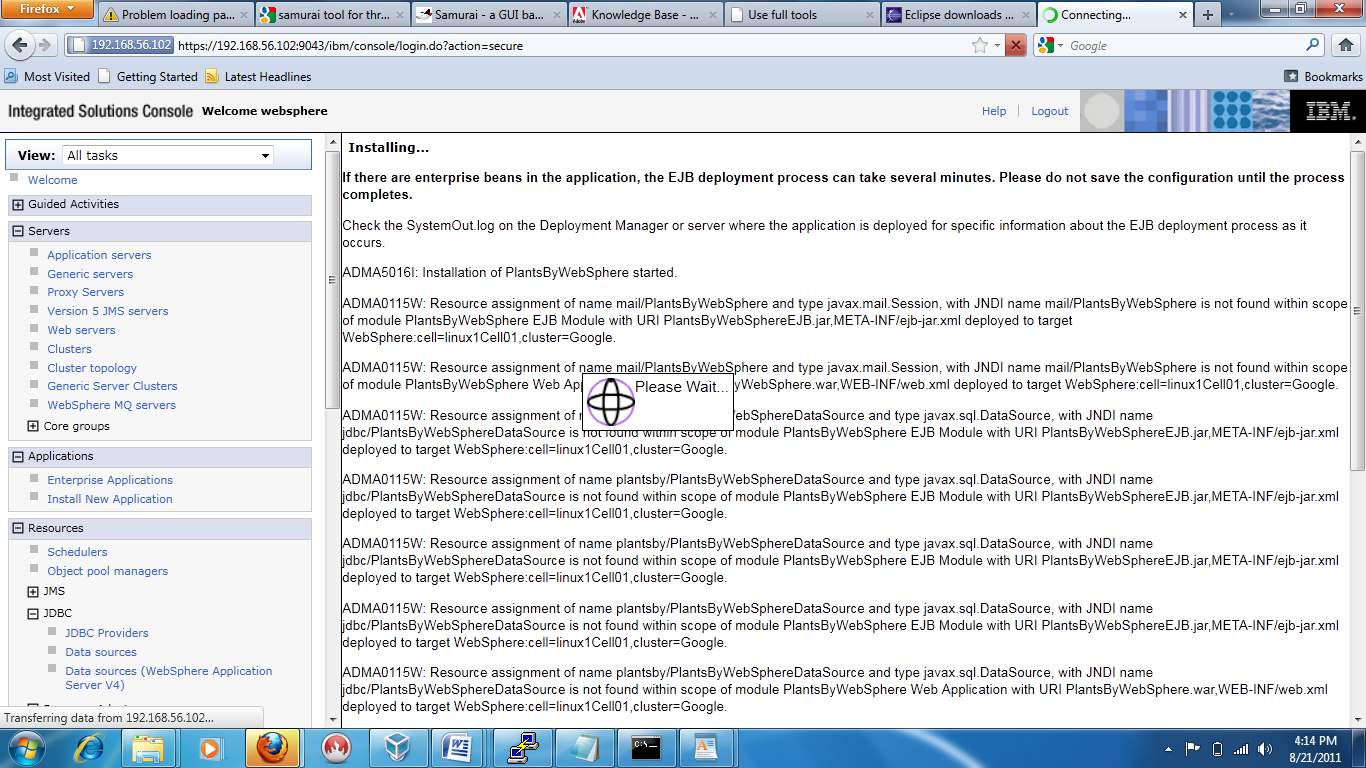
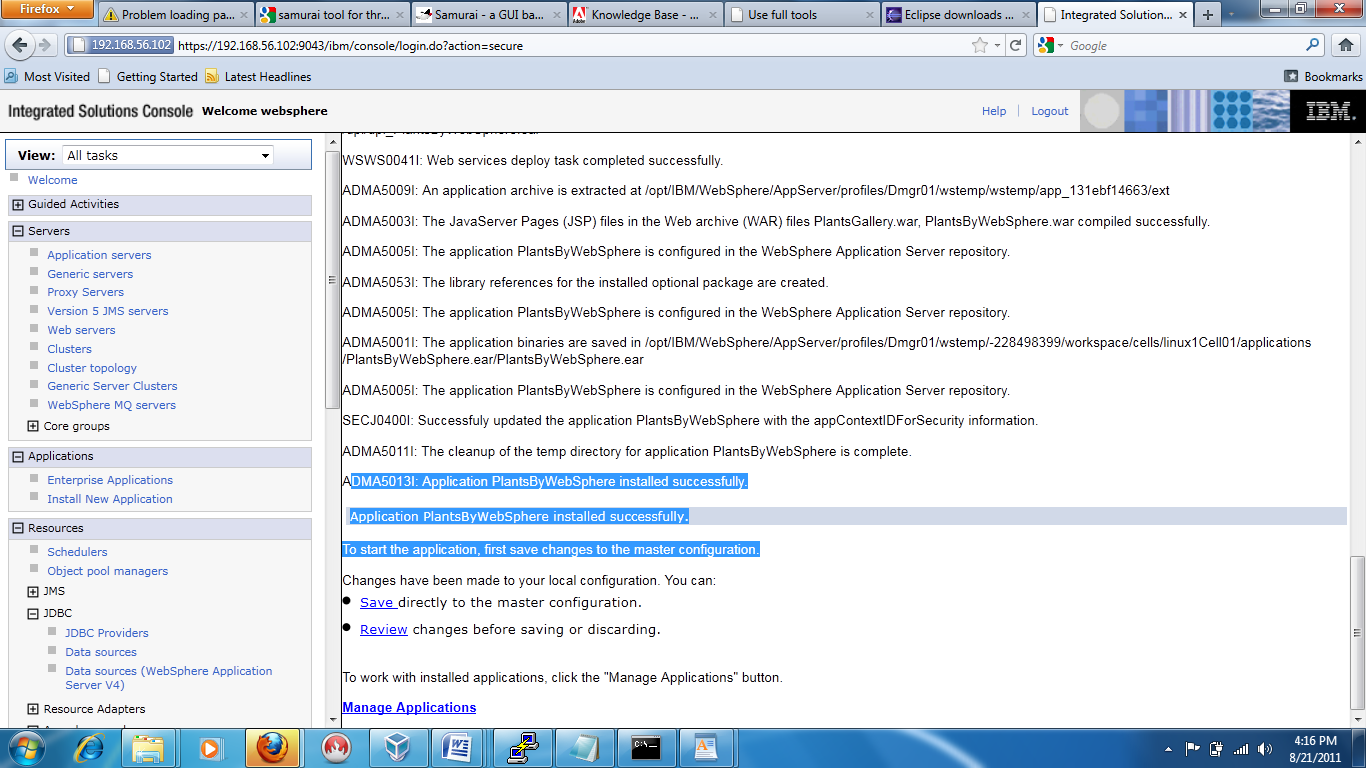
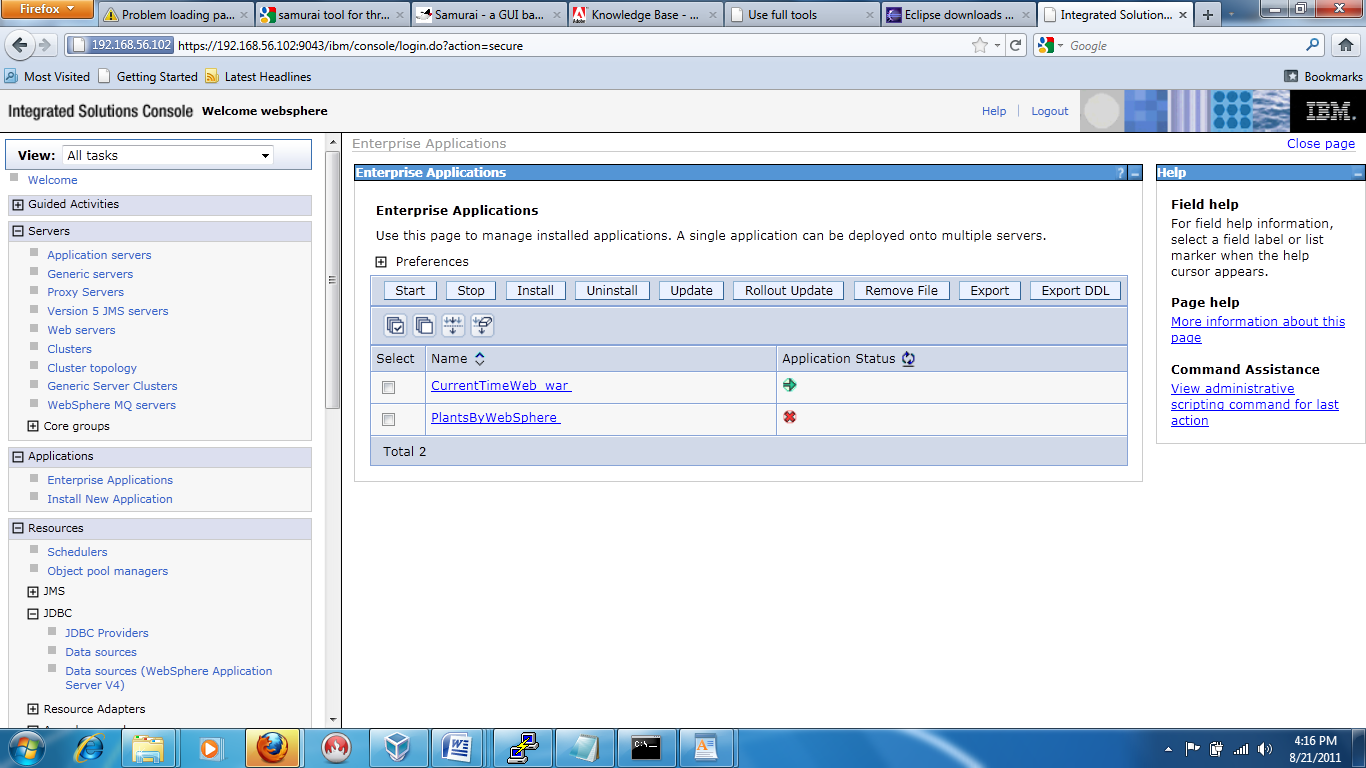
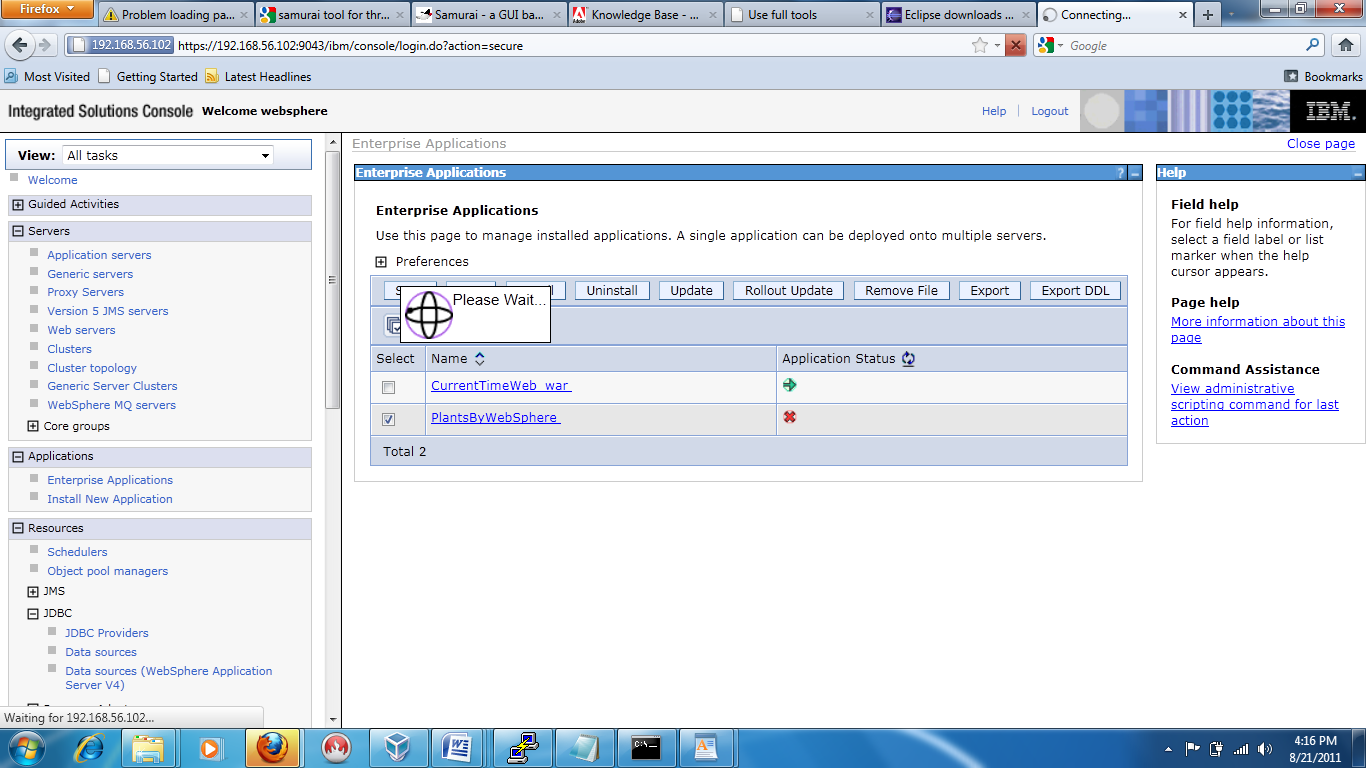
-------------------------------------------------------------------------------------------------------------------------------

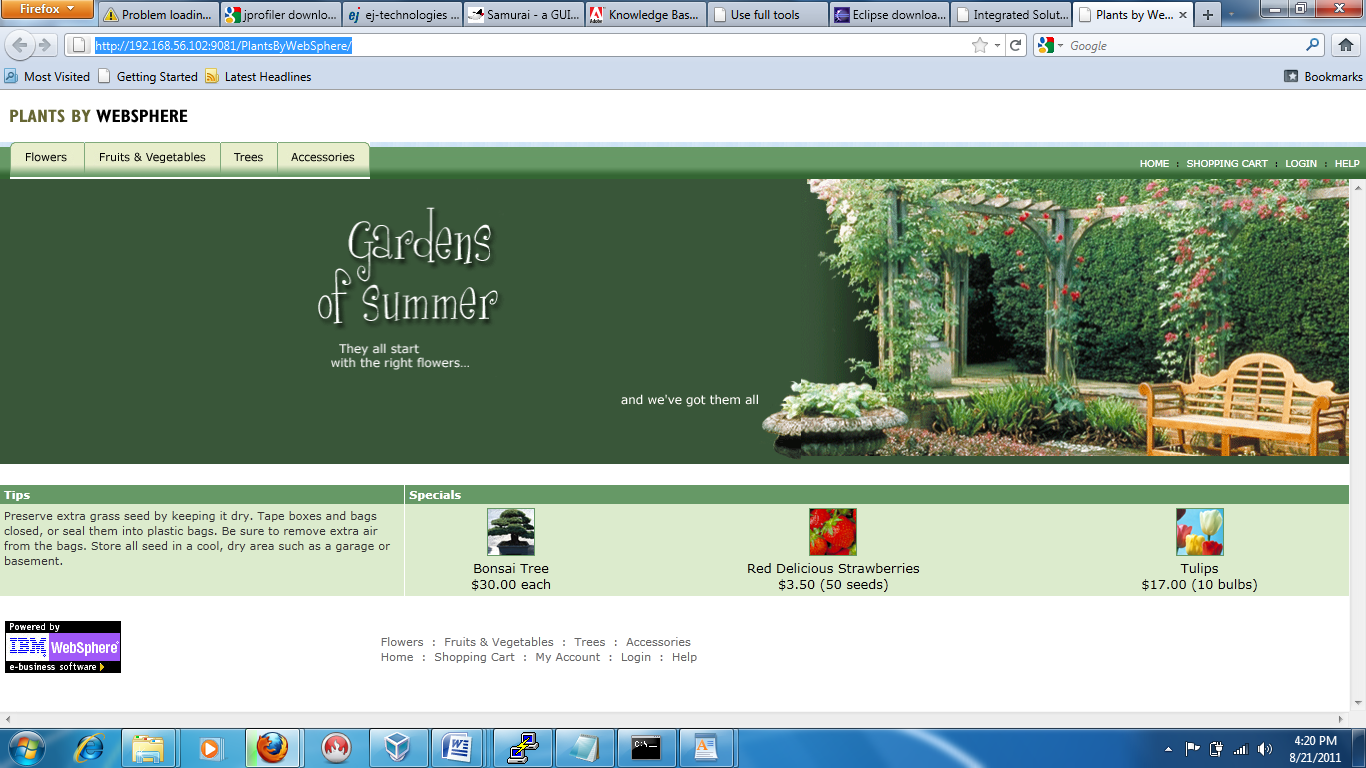
Application Deployment Model ScreenShot in websphere



A screenshot of a computer

Description automatically generated   A screenshot of a computer

Description automatically generated     

: