QServer-GUI

Administration Manual, Version 1.0.1

For Windows Web Server 2008

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RMEx GUI setup:

WebSphere Application Server *must* already be installed on your iSeries *or* in a PC server

1. Make sure the HTTP Admin server is up and running *on the iSeries*.
    1.1. **To start the HTTP admin server through the iSeries**

    1.1.1. Login to the iSeries using your user name and password.
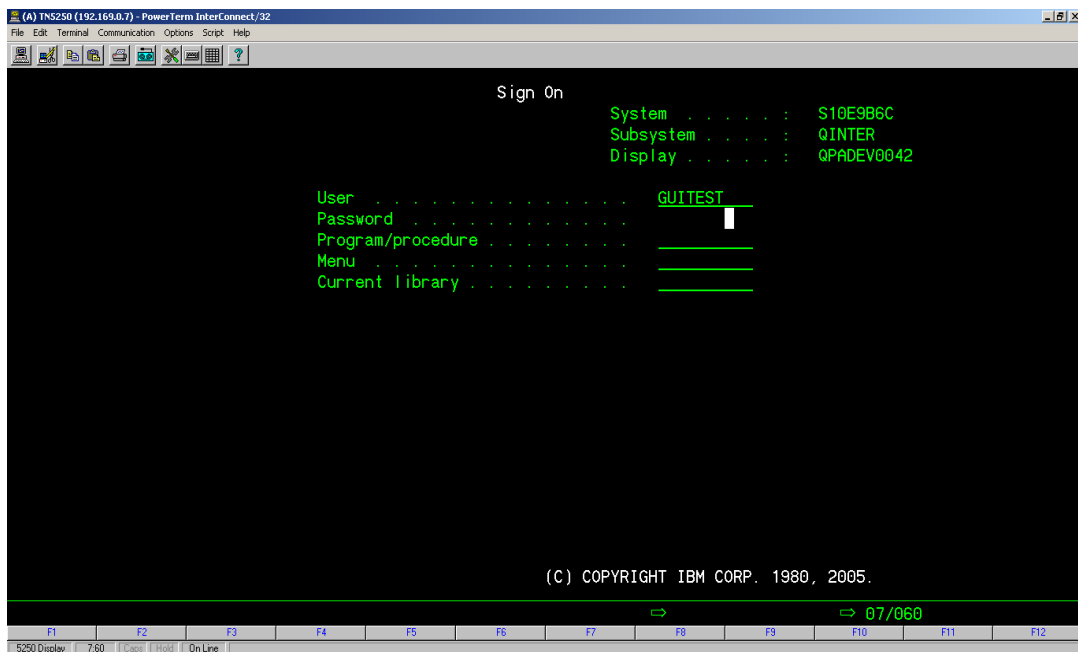

Figure 1

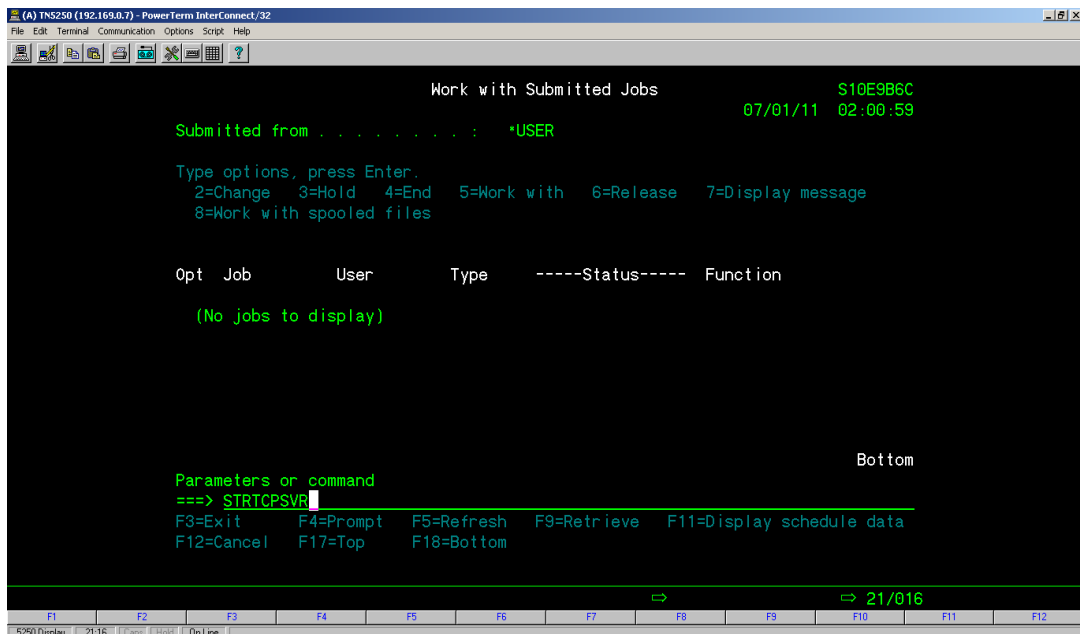   1.1.2. Type "**STRTCPSVR**" in the command prompt and hit "**F4**". You will see the screens below:

Figure 2

1.1.3. Give the value for Server application as "*HTTP" and hit Enter.
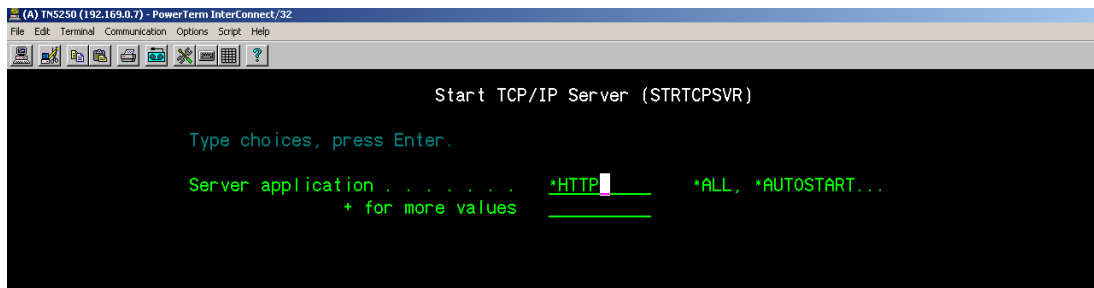

Figure 3

1.1.4. Hit Enter for the above screen and the following screen will be presented. Hit enter again, leaving defaults and the HTTP server will start immediately.
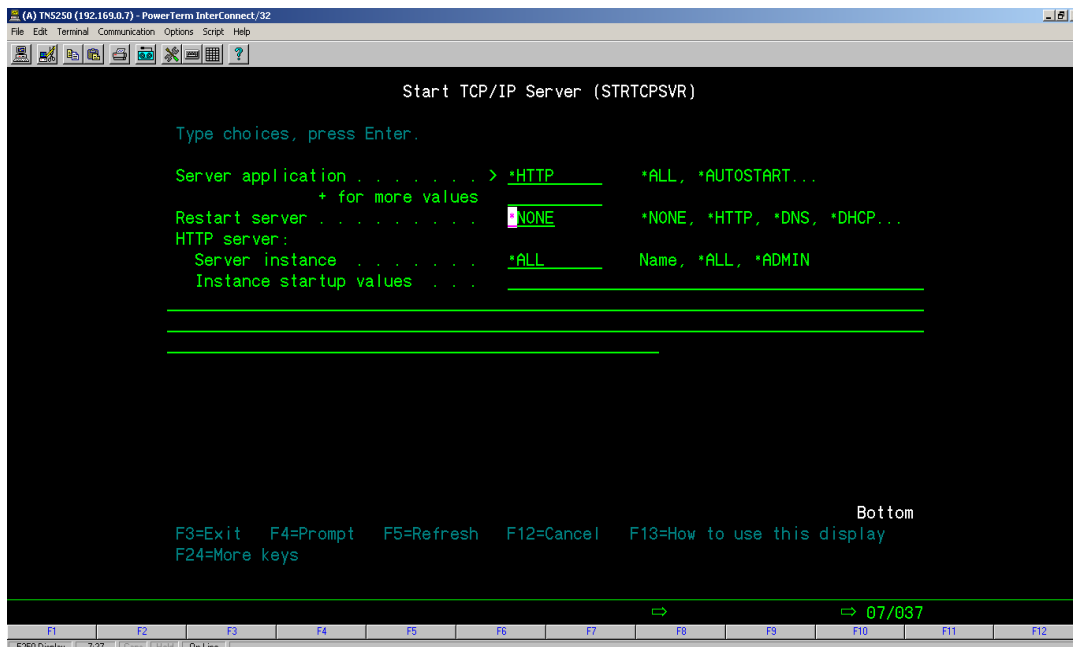
Figure 4

1.2. **To check the status of the HTTP Admin Server**

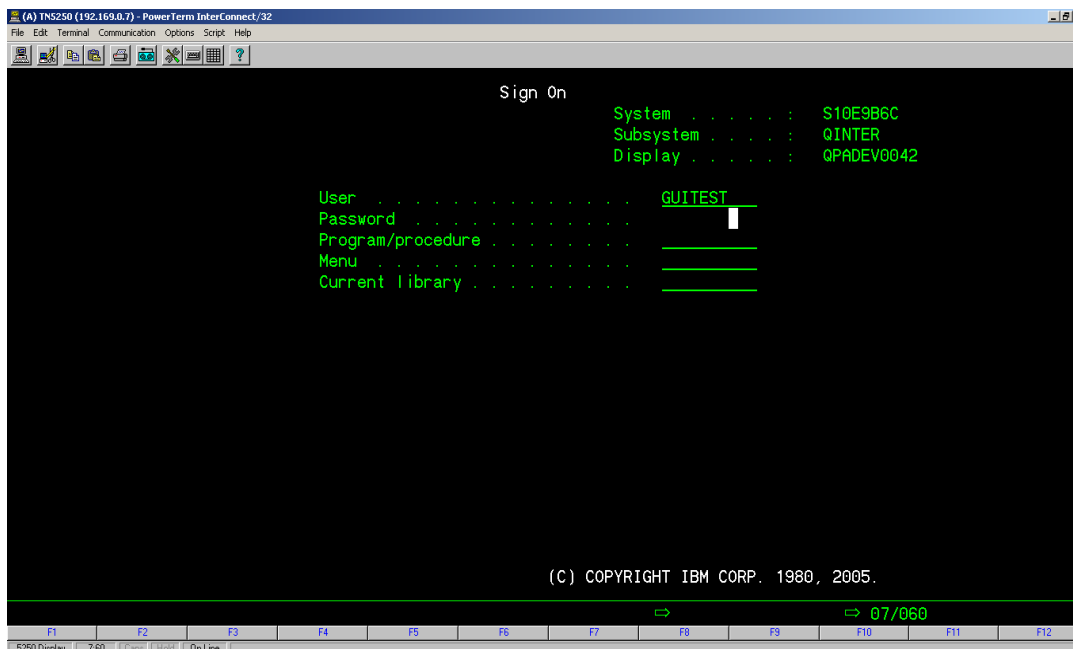1.2.1.   Login to the iSeries using your user name and password.

Figure 5

1.2.2. Type "WRKACTJOB" and enter from the command prompt as shown in the screen below.
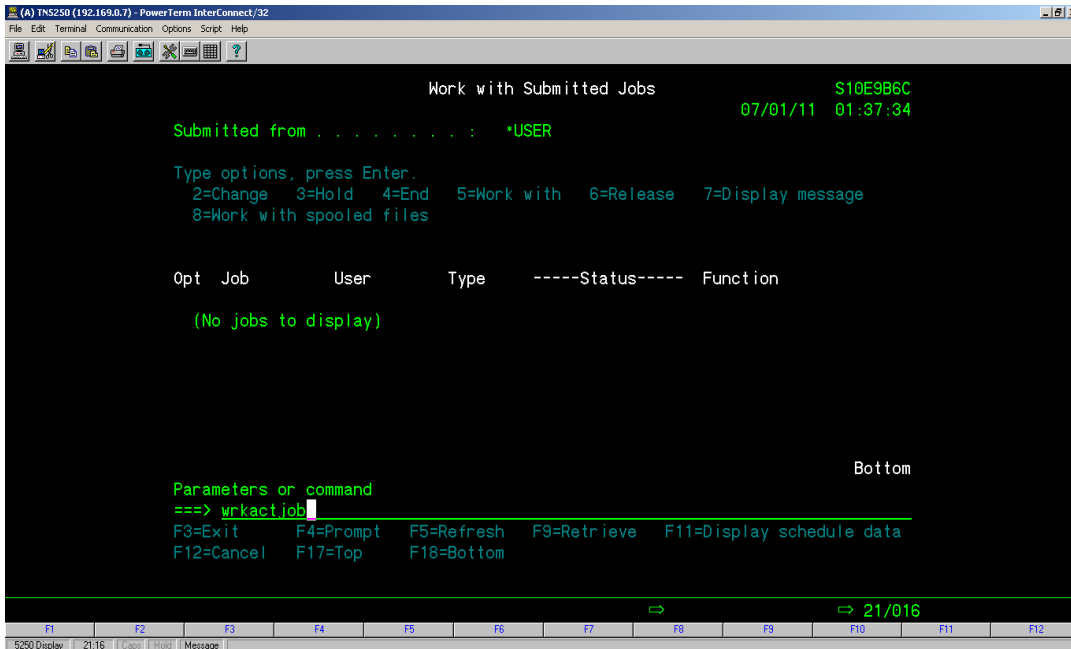
```
                        Work with Submitted Jobs                S10E9B6C
                                                    07/01/11  01:37:34

    Submitted from . . . . . . . . . :    *USER

    Type options, press Enter.
      2=Change   3=Hold   4=End   5=Work with   6=Release   7=Display message
      8=Work with spooled files


    Opt  Job          User        Type     -----Status----- Function

      (No jobs to display)




                                                           Bottom
    Parameters or command
    ===> wrkactjob
    F3=Exit      F4=Prompt   F5=Refresh   F9=Retrieve   F11=Display schedule data
    F12=Cancel   F17=Top     F18=Bottom
```

Figure 6

1.2.3. The status of the HTTP Admin server will be presented (ours is shown over 2 screen shots)
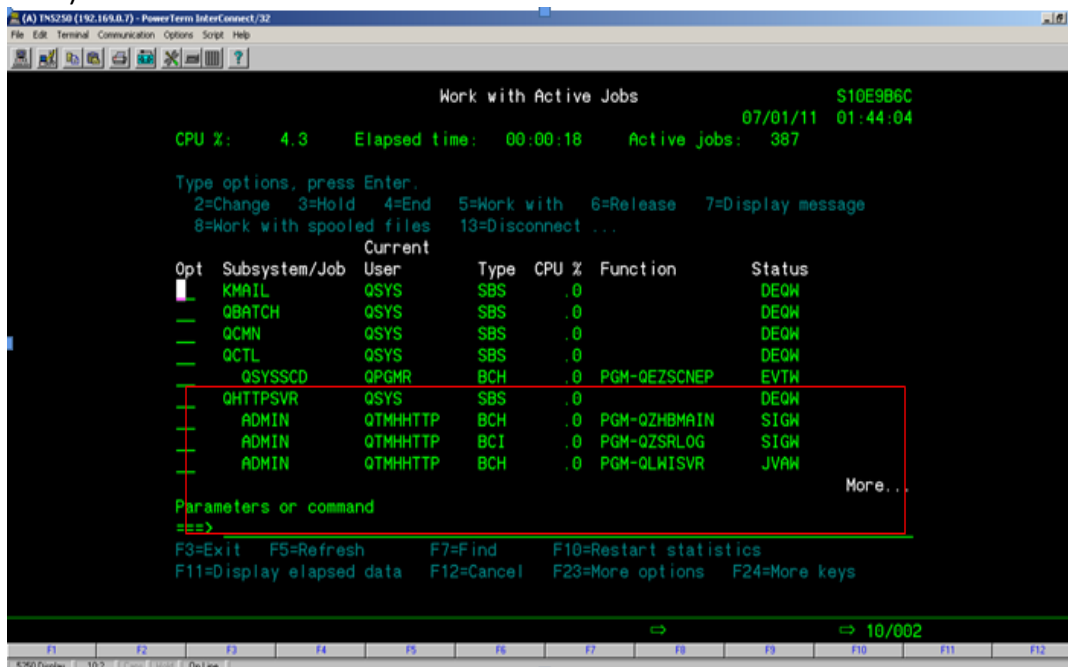
```
                        Work with Active Jobs                   S10E9B6C
                                                    07/01/11  01:44:04
    CPU %:     4.3    Elapsed time:   00:00:18    Active jobs:   387

    Type options, press Enter.
      2=Change   3=Hold   4=End   5=Work with   6=Release   7=Display message
      8=Work with spooled files   13=Disconnect ...
                             Current
    Opt  Subsystem/Job    User        Type  CPU % Function       Status
     _   KMAIL            QSYS        SBS    .0                  DEQW
     _   QBATCH           QSYS        SBS    .0                  DEQW
     _   QCMN             QSYS        SBS    .0                  DEQW
     _   QCTL             QSYS        SBS    .0                  DEQW
     _     QSYSSCD        QPGMR       BCH    .0  PGM-QEZSCNEP    EVTW
     _   QHTTPSVR         QSYS        SBS    .0                  DEQW
     _     ADMIN          QTMHHTTP    BCH    .0  PGM-QZHBMAIN    SIGW
     _     ADMIN          QTMHHTTP    BCI    .0  PGM-QZSRLOG     SIGW
     _     ADMIN          QTMHHTTP    BCH    .0  PGM-QLWISVR     JVAW
                                                            More...
    Parameters or command
    ===>
    F3=Exit    F5=Refresh      F7=Find      F10=Restart statistics
    F11=Display elapsed data   F12=Cancel   F23=More options   F24=More keys
```

Figure 7

Figure 8

How to Start/Stop/Restart the WebSphere Application Server (WAS)

■ Starting WAS

a) Type the following URL in the browser filling in the IP for your set up. Use the IP address of the server where WebSphere Application Server is installed.
http://192.169.0.7:1001/HTTPAdmin
A user name and password where the **WebSphere Application Server** was installed will be needed.

b) Now Select the relevant WAS instance. For example, you may see **WAS60SVR01/WAS60SVR01-V60 Server** from the Server drop down options.

c) Click the start button so that WAS can go to 'Running'. NOTE - The server status will be **stopped the first time** you access WAS.
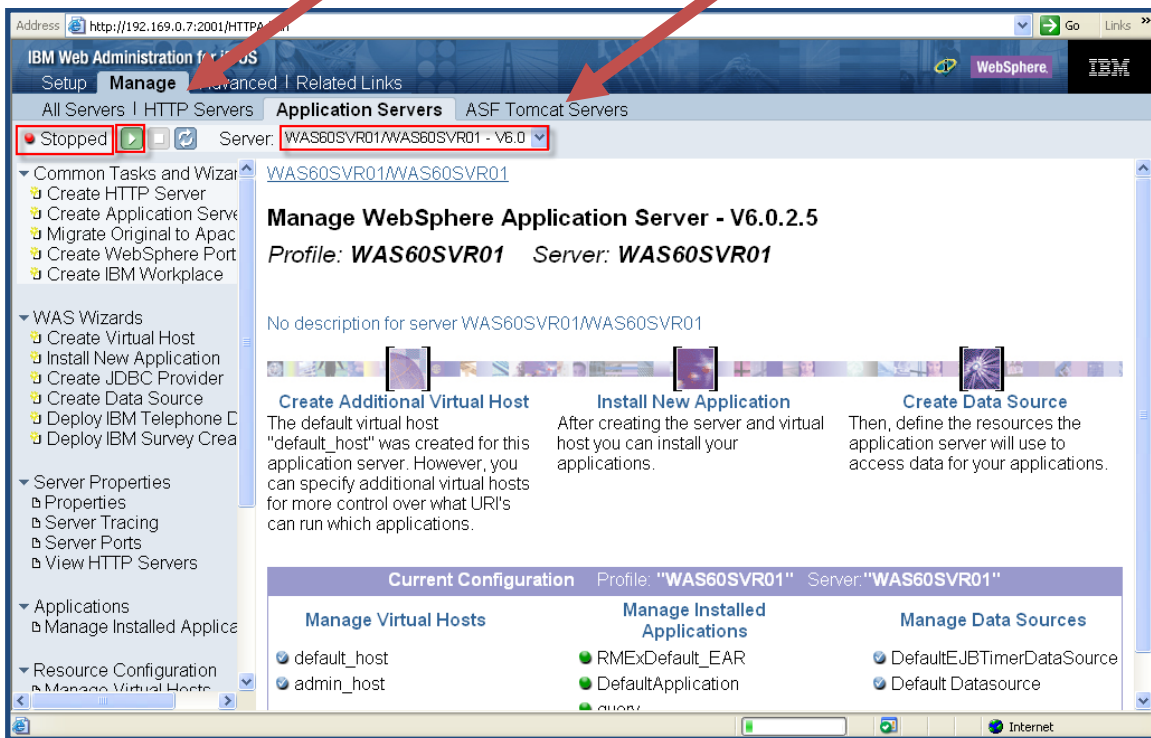
d) After clicking the **Start** Button, the welcome screen will be presented, as shown below:
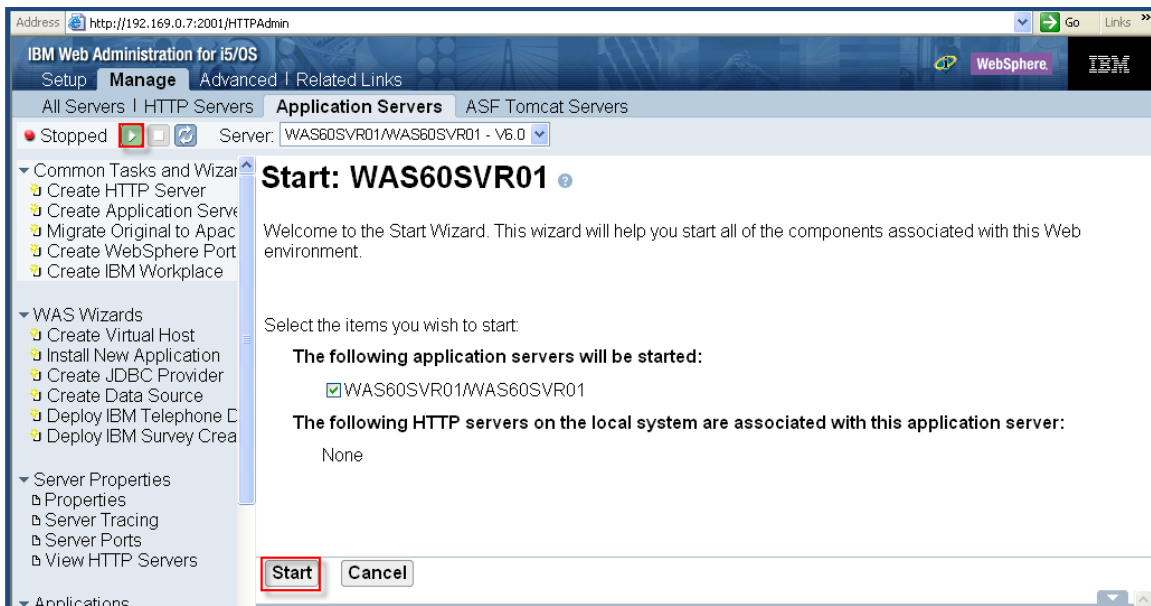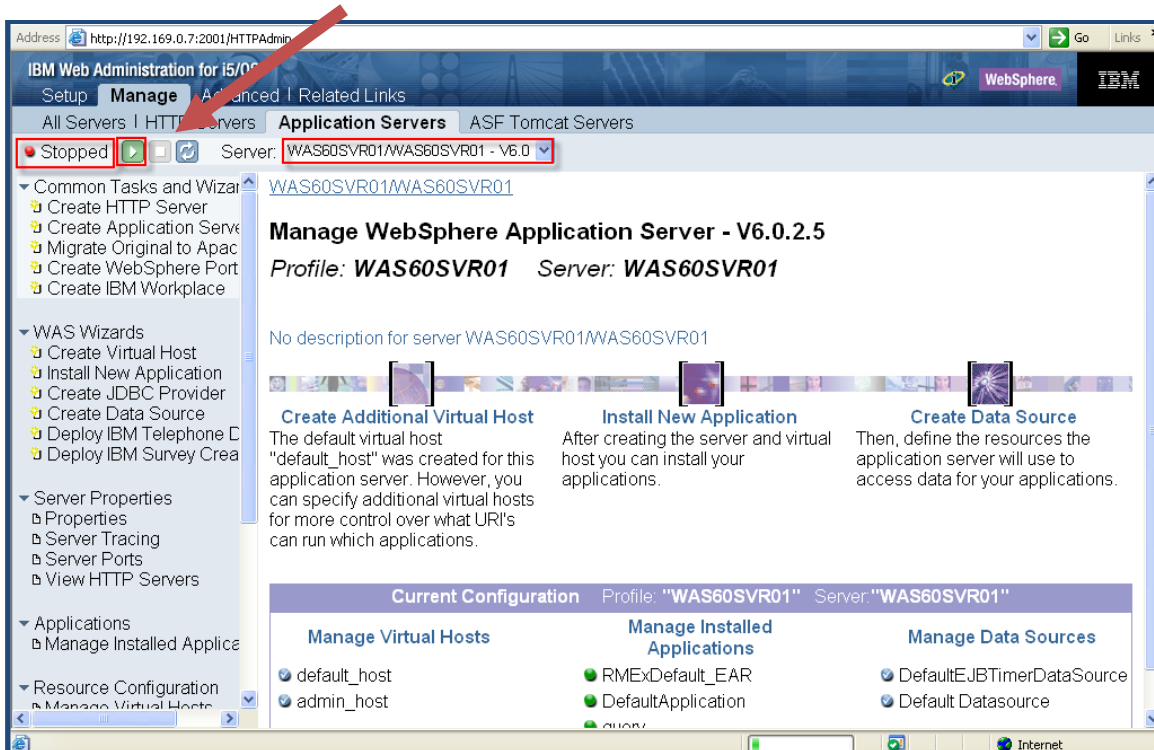

e) Now the status has changed to '**Running', as shown on the next screen shot:**
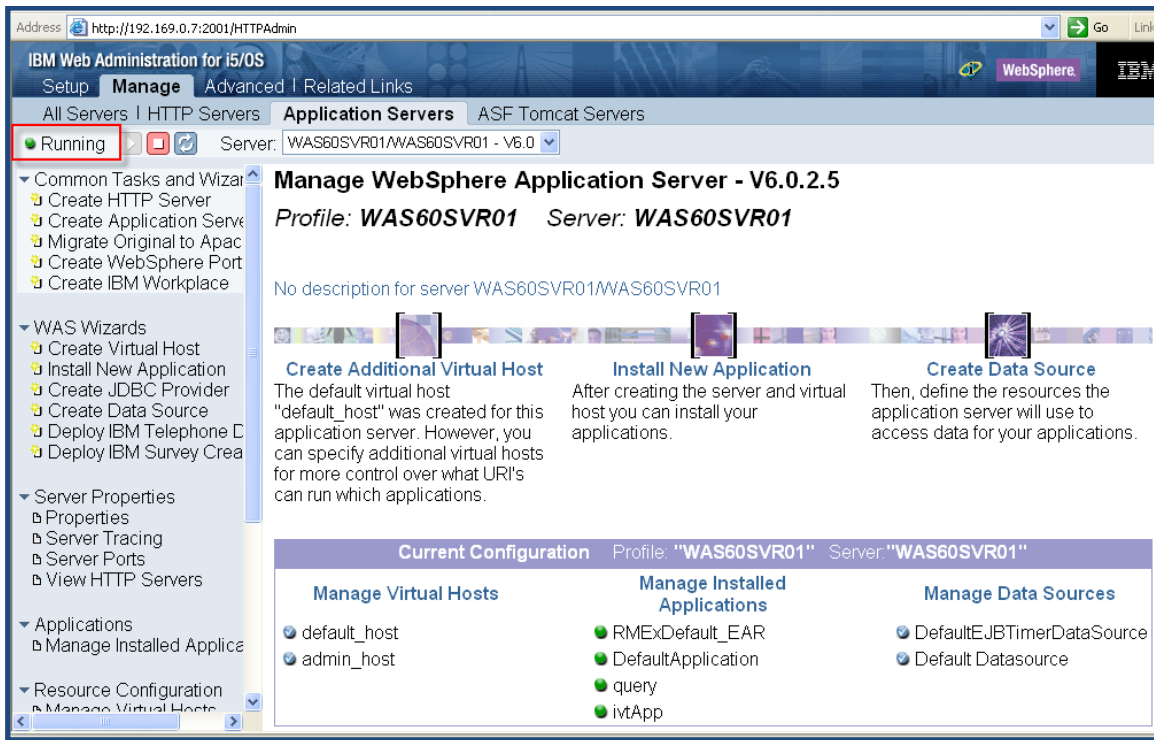
- Stopping and Restarting WAS

   a) The STOP button is found next to the Start button - just stop and restart as needed


Important notes-

- ✓ If Admin Console is not working then you might need to start the WebSphere Application Server
- ✓ Whenever you install a new EAR in the iSeries, then you should restart the WebSphere Application Server
- ✓ If you restart the iSeries server/IPL or experience a power outage, then you must start the WebSphere Application Server

Deploying the EAR fle and Modifying several files manually

1. The EAR file will be provided by Quantrax or you will need to retrieve the file from our FTP site. Before deploying the EAR file in the iSeries machine, you need to change the IP address of the EAR file.
2. Download and install WinRAR @http://www.win-rar.com/download.html
3. The **application.hap** file will need to be updated with your IP address where WAS is installed
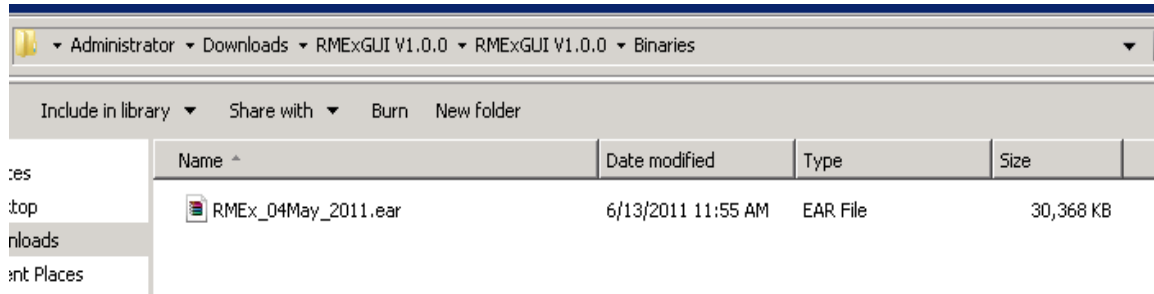   - Right click on the **EAR** file and select the **Open** option:
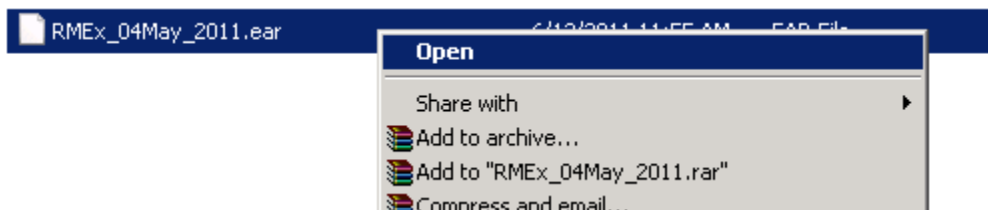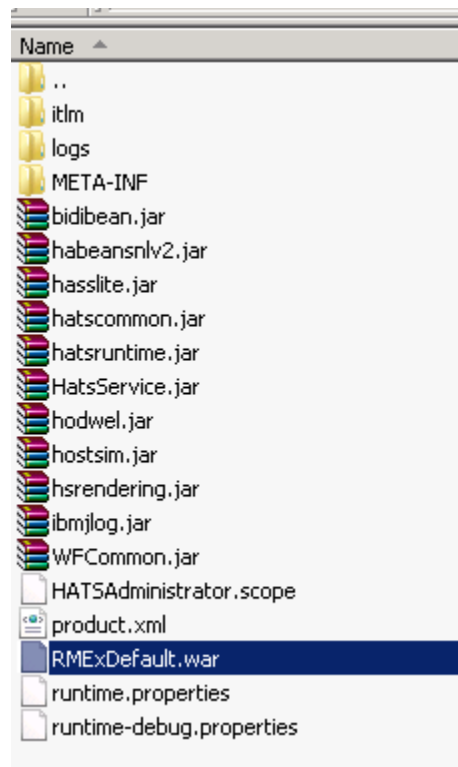

   - Choose "Select a program…" and click "OK"
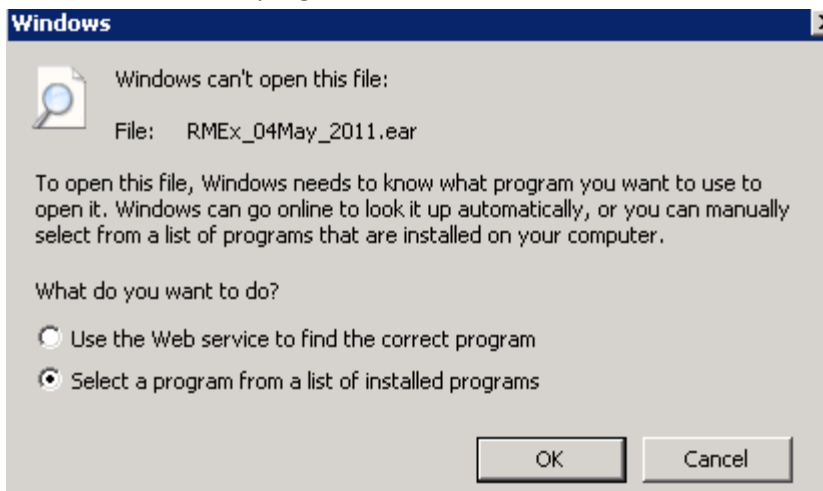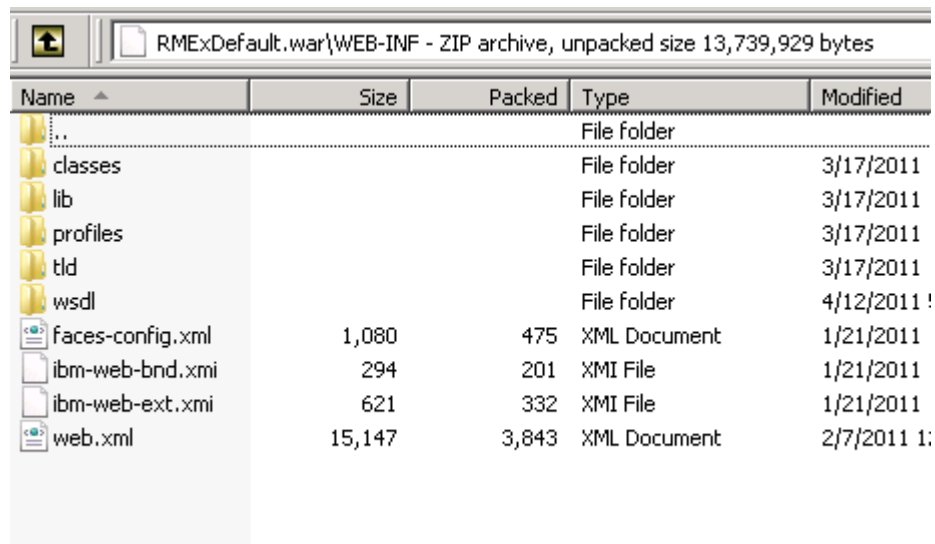

   - Browse to WinRAR and select "WinRAR.exe"
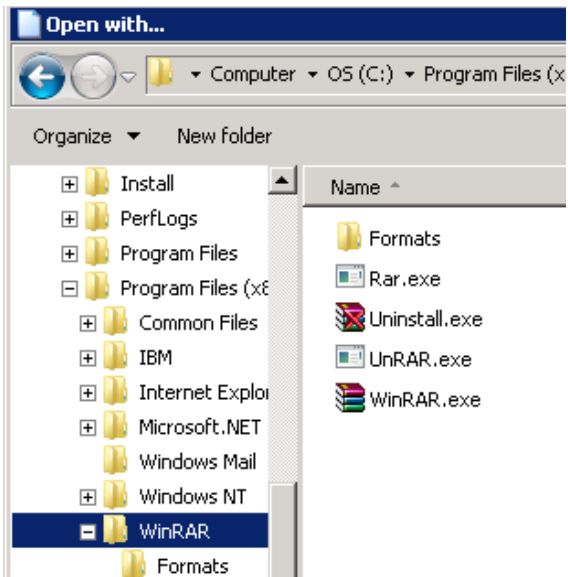
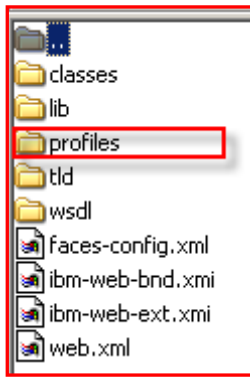- **Now you can double click on the EAR file (RMEx_XXXX.ear)**

- **This will start WinRAR**
- **Double click on the RMExDefault.war file**
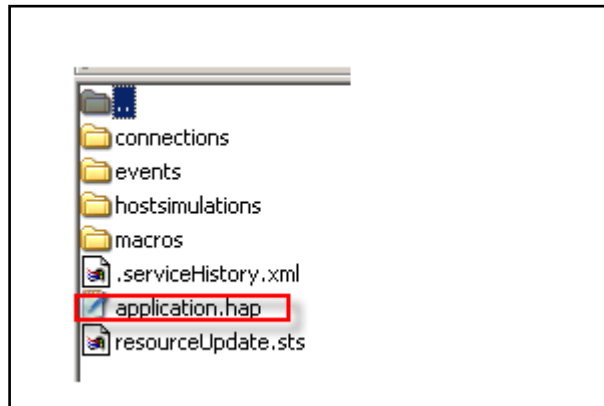
- Click on the **WEB_INF** folder:
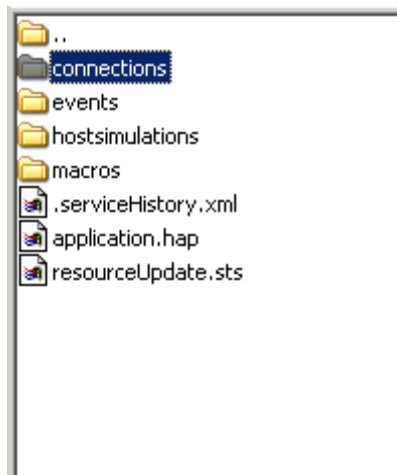

- Click on the **profiles** folder:

- Now you can see the **application.hap** file. Open the file and search for the IP address and change it with the new IP address where the WebSphere Application Server was installed and save your changes. You will have to search "hostname" and change the value.

- Next click on the **connections** folder:

- Now you can see the **main.hco** file. Open the file with Notepad and search for the IP address by searching for HOST. **Now change this file with the IP address of the <u>iSeries</u> you will be using** and

save your changes. *This is important to note if you have installed WAS on a PC server instead of the iSeries since this would be a different IP address for this file only.*
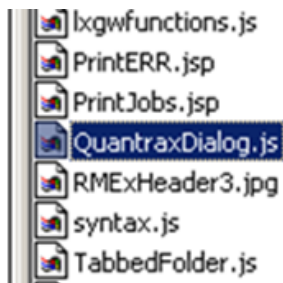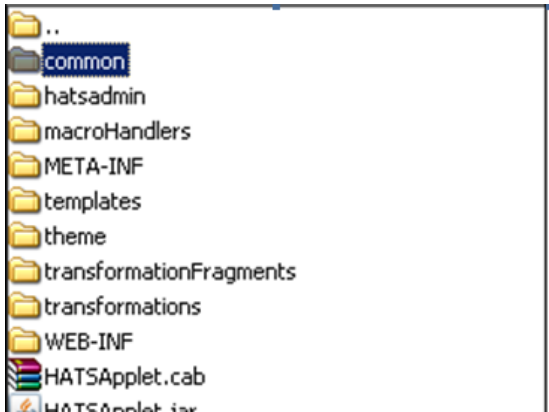
example host="192.168.1.30"

These files will need to be modified to move forward with Events and Dashboard

1. Modifying **QuantraxDialog.js** File manually
   - From the root of the RMExDefault RAR (when you first open it)
   - Double click on the **RMExDefault.war** file

   - Now double click on the **common** folder

- Look for **QuantraxDialog.js** file. Open the file in notepad and search for:
  i. "function GetnewURl()"
  - Change the IP address to that of the PC Server where the **EVENTS** and the **DASHBOARD** is installed

```
function GetnewURl()
{
 var newqry ="http://192.169.0.134/events/clearsession.aspx";
 return newqry;
}
```

- **Now modify the lxgwfunctions.js File manually from the common folder**
- double click on the **common** folder again
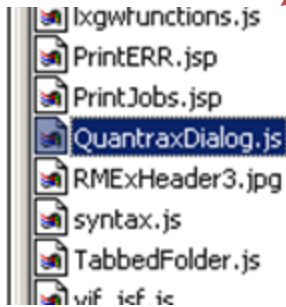
- Look for the **lxgwfunctions.js** file. Open the file in notepad and search for:
  - **i.** "function callDashBoard(companyCode)"
  - **ii.** "function ShowWindowEx(USERID,CLIENTCODE,ACCOUNTSTATUS, DESCRIPTIONCODES,LEGALFLAG,LINKEDBALANCE,ACAT,CASEno,COMPANYno)"
    - o change the IP address to that of the **EVENTs** and **DASHBOARD** PC for each

```
var eventURl= "";
function ShowWindowEx(USERID,CLIENTCODE,ACCOUNTSTATUS,DESCRIPTIONCODES,LEGALFLAG,LINKEDBALANCE,ACAT,CASEno,COMPANYno) {
try {
//alert(" userid    "+USERID+"  client code   "+CLIENTCODE+"  account status"+ACCOUNTSTATUS+"  description code  "+DESCRIPTIONCODE
legalflag  "+LEGALFLAG+"  linkbalance  "+LINKEDBALANCE+"  acat  "+ACAT+"  case# "+CASEno+"  company # "+COMPANYno+"  url  "+URL)
var URl="http://192.169.0.134/events/default.aspx";
var
qry=URl+"?userid="+USERID+"&clientcode="+CLIENTCODE+"&accstatus="+ACCOUNTSTATUS+"&descode="+DESCRIPTIONCODES+"&lglflag="+LEGALFLA(
inkedbalance="+LINKEDBALANCE+"&acat="+ACAT+"&company="+COMPANYno+"&caseno="+CASEno;
eventURl = qry;
//x.ShowWindow(USERID,CLIENTCODE,ACCOUNTSTATUS,DESCRIPTIONCODES,LEGALFLAG,LINKEDBALANCE,ACAT,COMPANYno,CASEno,URl);

/*
```
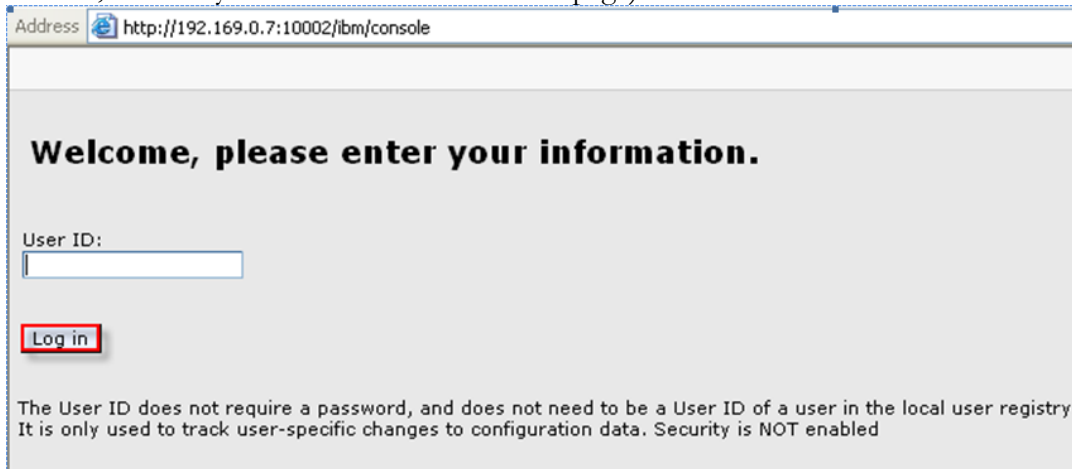
```
function callDashBoard(companyCode) {
        var url = "http://222.165.139.22/QuantraxDashboard/Home.aspx";
        var qry = url + "?companycode="+companyCode;
        window.open(qry);
}
```

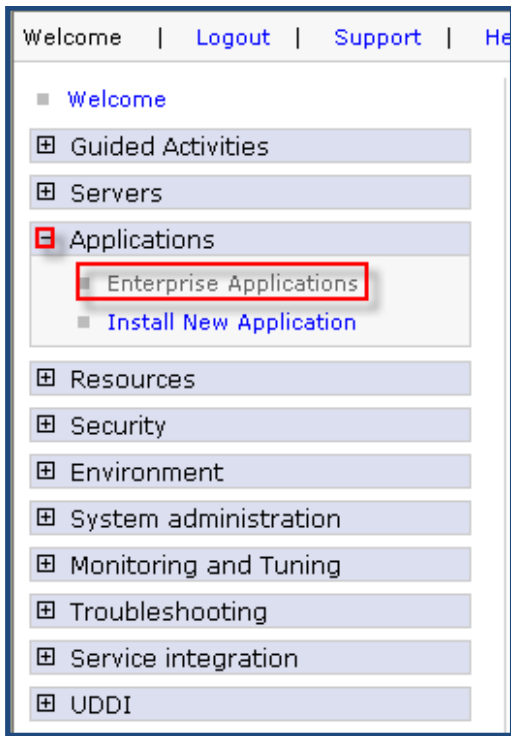## Installing the GUI Application on the WebSphere Application Server (WAS) Version 6.1 on the iSeries

1. Use Internet Explorer to open the Administration Console for WAS running on your iSeries. Use the following format for the URL "**http://XXX.XXX.XXX.XXX:10002/ibm/console**" .

   (The "X's" are the IP address for your iSeries)

    You will see the following screen. There is no 'Log In' set so you are required to hit Log In without entering any User ID. This page also can be varied depending on the clients input. (We did not set up a User ID or Password for this page. If the client sets up a User ID and Password for their Admin console, then they need to enter them on this page)

    Address http://192.169.0.7:10002/ibm/console

    # Welcome, please enter your information.

    User ID:

    [   ]

    [Log in]

    The User ID does not require a password, and does not need to be a User ID of a user in the local user registry.
    It is only used to track user-specific changes to configuration data. Security is NOT enabled

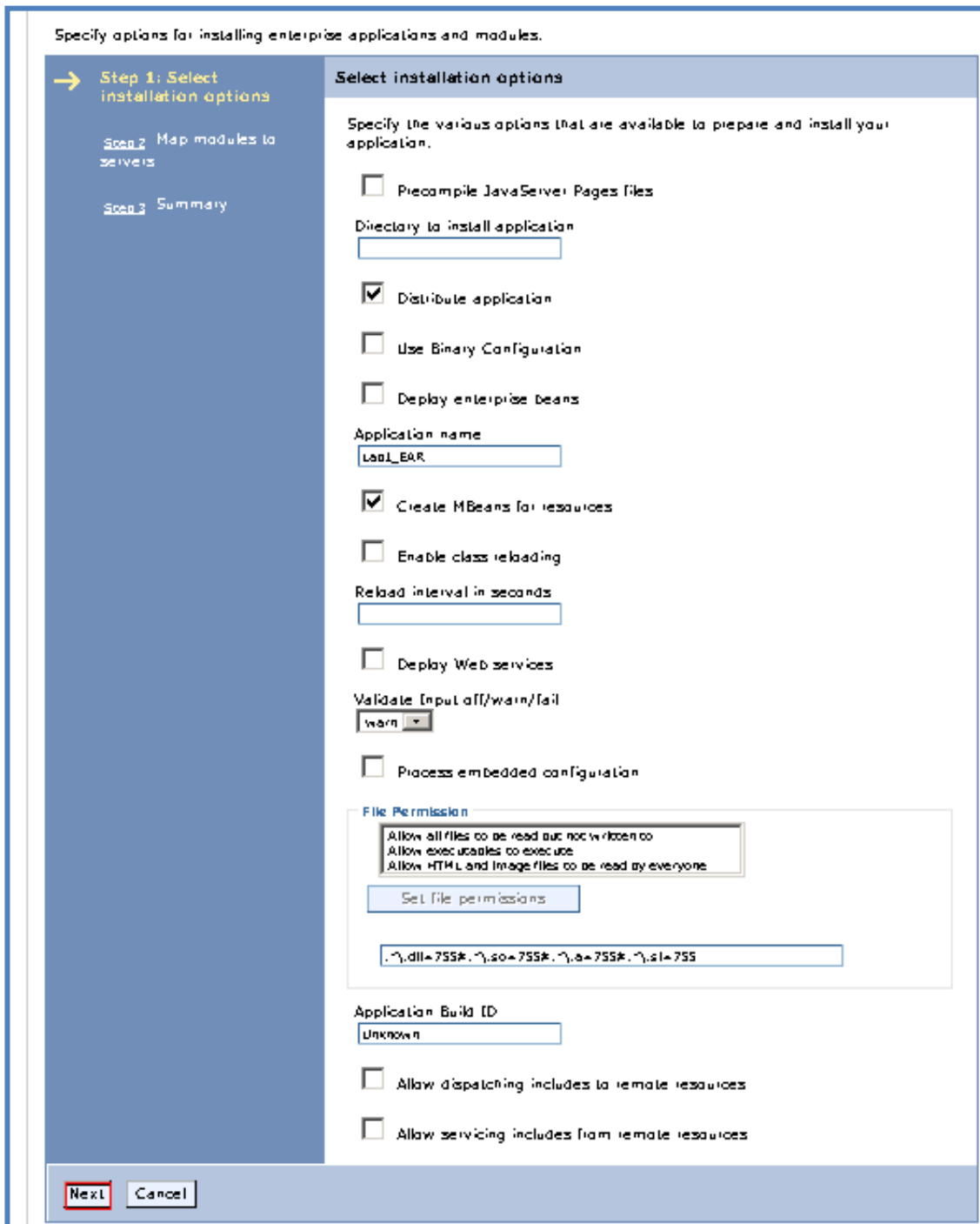2. Go to Applications → Enterprise Applications page.

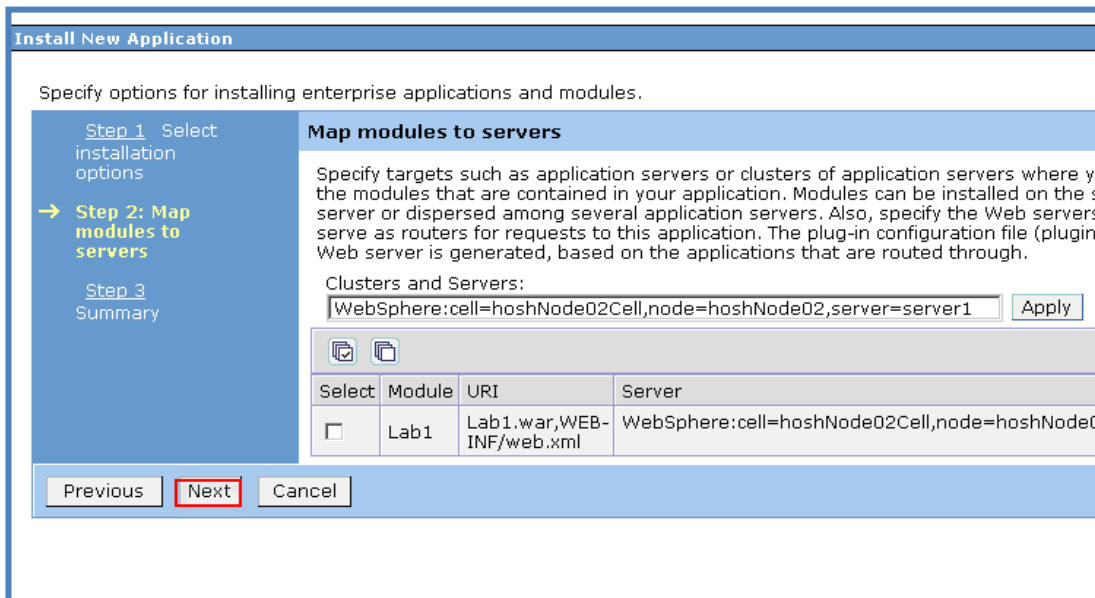**3.** Click on the Install button to go to the **Preparing for the Application Installation** page
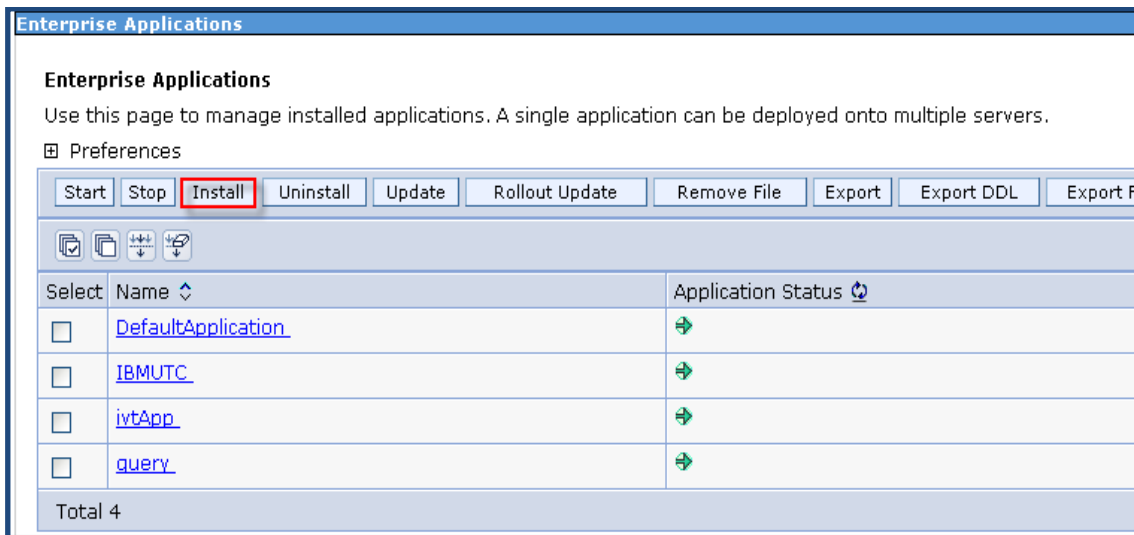
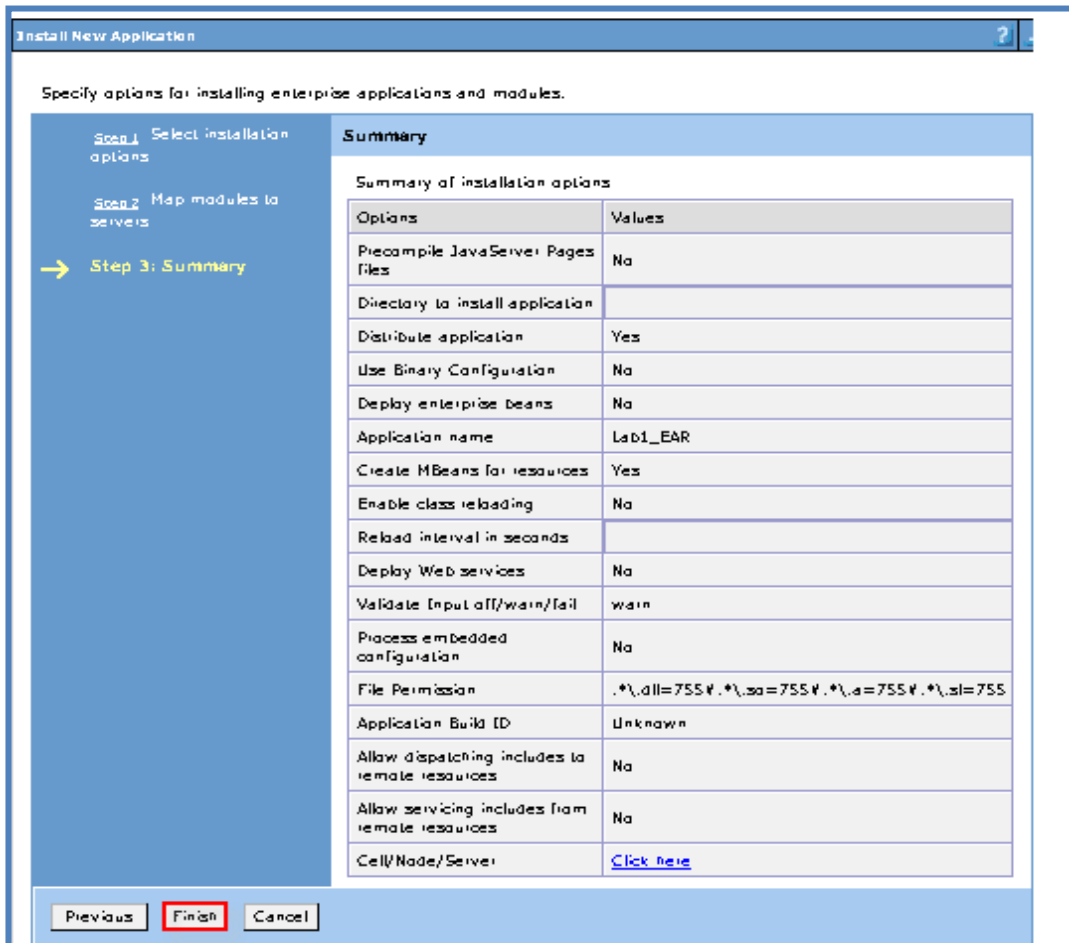4. Specify the path of the EAR file that you just exported and click Next
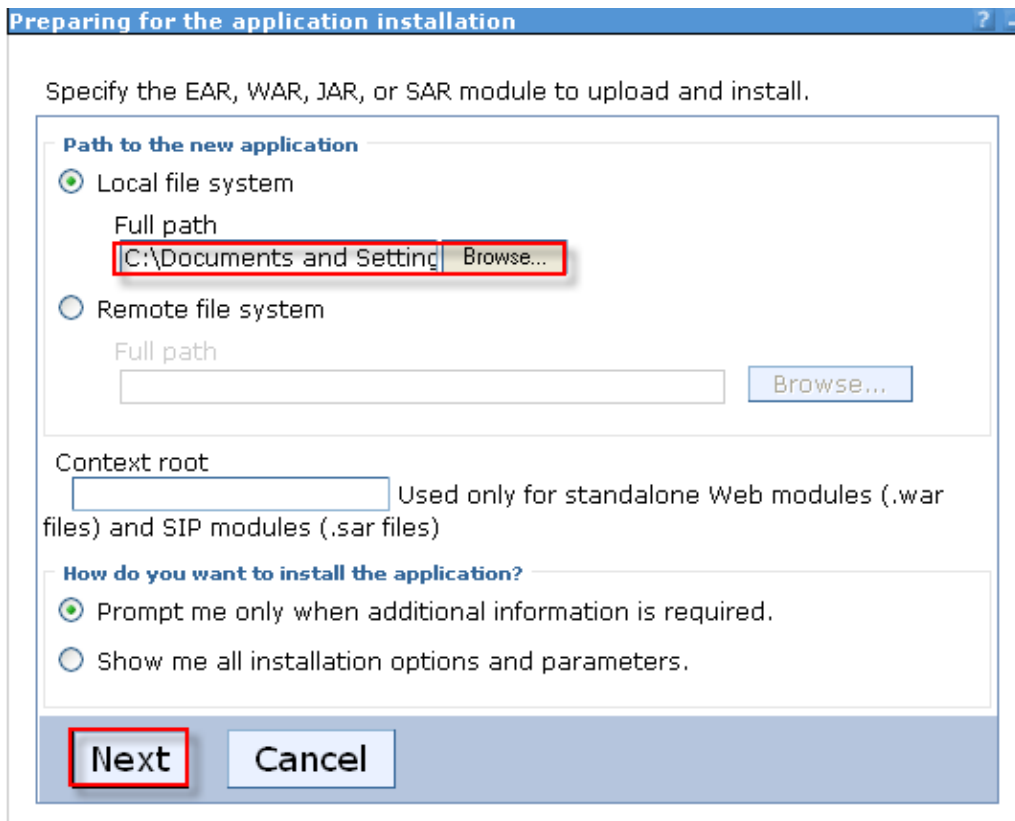
5. Now the page comes with installation options. Just click next with **no changes** on this page.
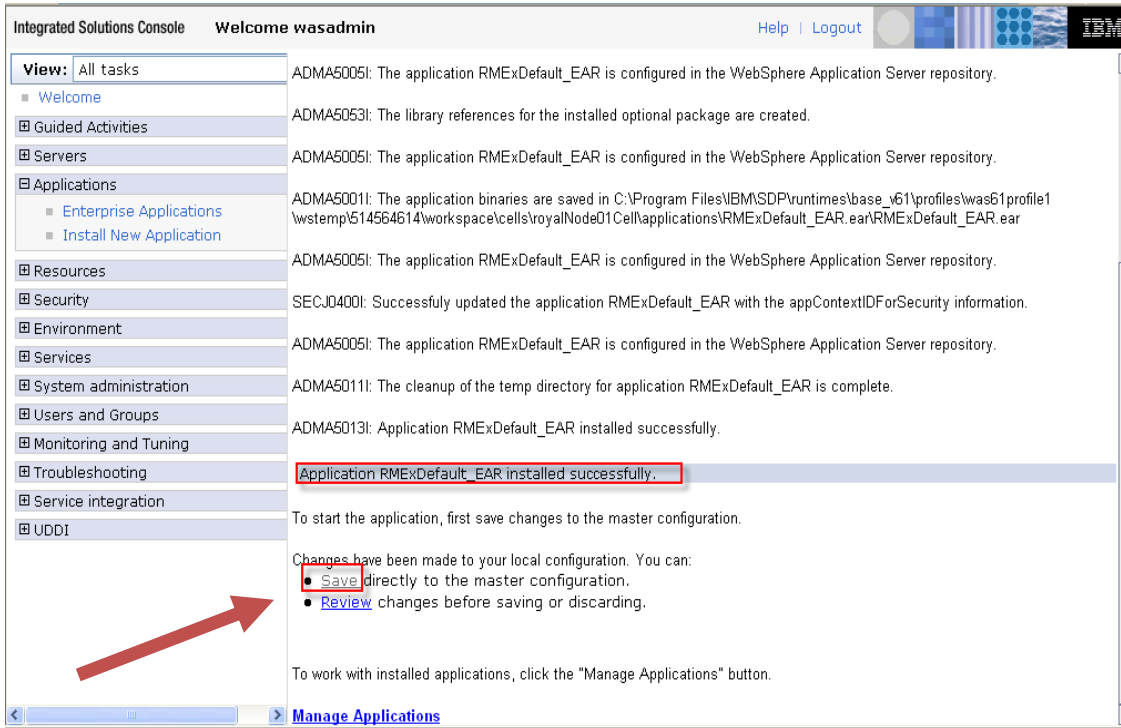
6. Just go with defaults and click next on the Mapping Modules to Servers screen

7. Mapping security roles to users/groups screen. Just leave the defaults and click **Finish**.

8. When it finishes you will notice another page showing that the EAR Application was installed successfully. On this Page hit the **Save** option as shown below:

9. Now the installation of EAR Application is complete. The RMExDefault EAR Application can be started by checking the box under 'select' and clicking start.
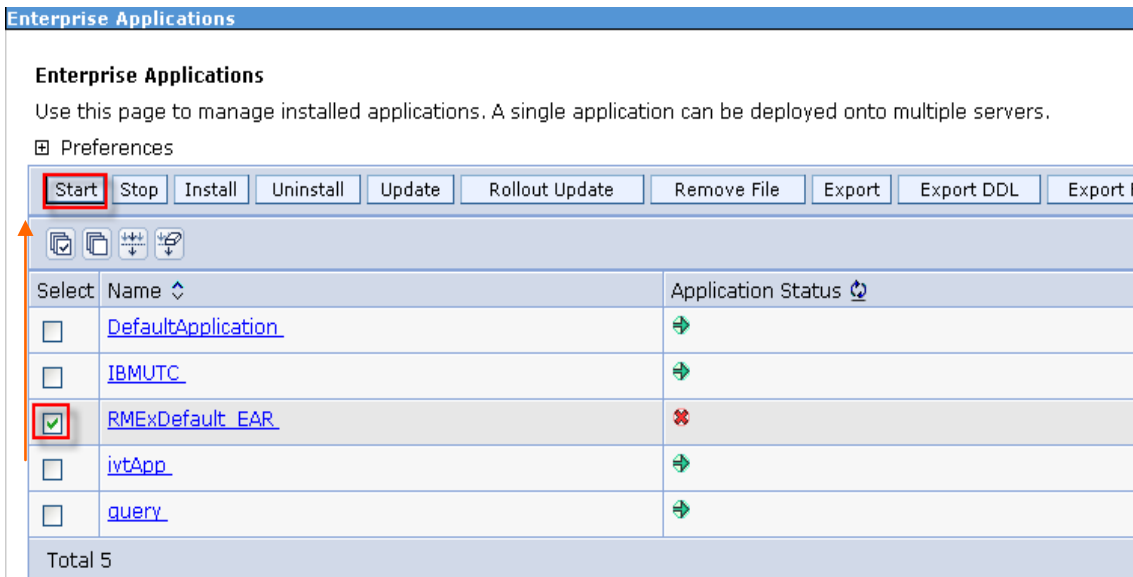
10. The top of the next screen will display the message that the Application started successfully, as shown below:

NOTE: If the Admin Console is not working then try restarting the WebSphere Application Server (WAS). These details were provided earlier in the documentation under "**How to Start/Stop/Restart the WebSphere Application Server (WAS)**".