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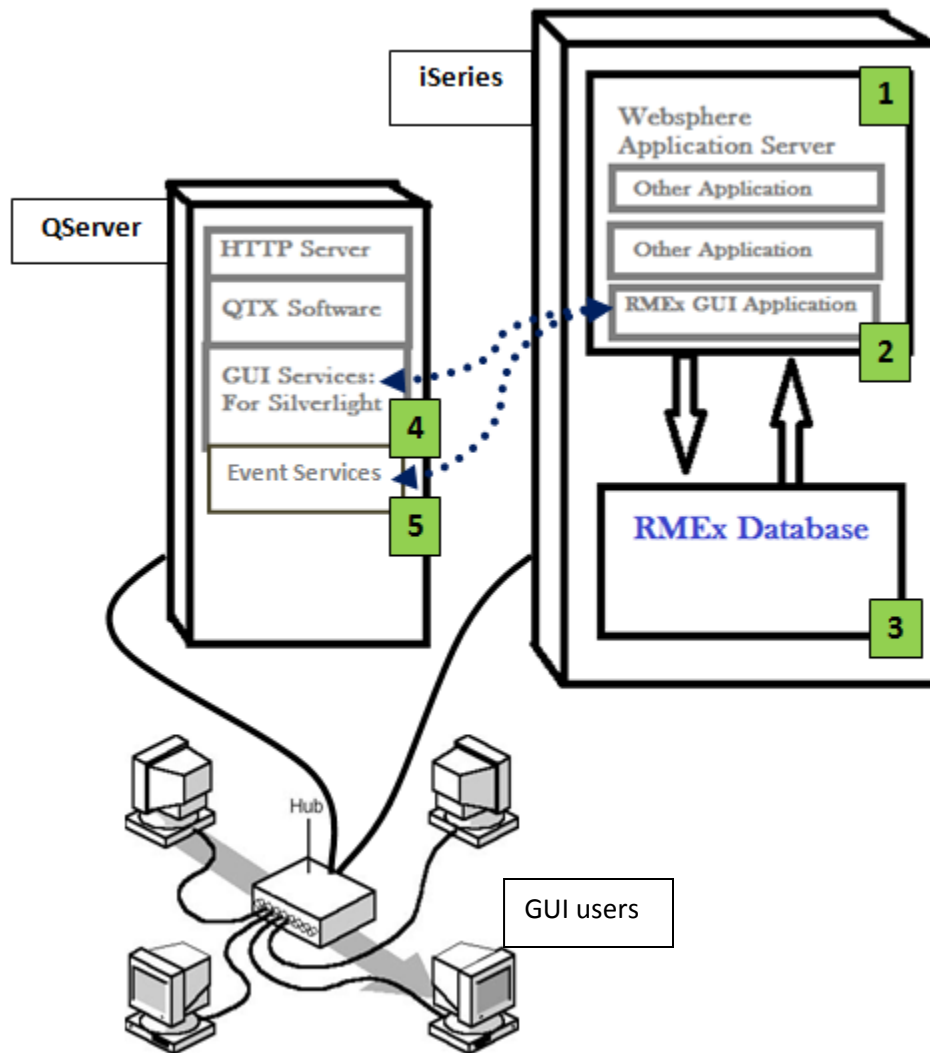
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New to GUI - Overview

The Components of GUI



- 1** – WebSphere Application Server (WAS): Required to host applications such as the RMEEx GUI
- 2** – RMEEx GUI Application: Runs in the WebSphere Application Server
- 3** – RMEEx Database: This is where all the information is stored about your accounts, clients and other data.
- 4** - GUI Services for Silverlight: The RMEEx GUI Application (2) requires the GUI Services to run on the QServer to be able to present the Notes and Description codes on an account
- 5** – Events Server: Required by the RMEEx GUI App (2) for presenting “Events” from the first detail screen of an account.

Using Old IBM Keyboard (ENTER Key)

The GUI runs using Microsoft's Internet Explorer. Keep in mind as you get use to the new GUI, that some of the keys that you used in the past may be mapped differently. If you are using the old IBM keyboard mapping that used the **Ctrl** key as the **Enter** key, the GUI will follow the standard keyboard **Enter**.

Using the Mouse

Although RMEx is now GUI based and utilizes the mouse, we have not changed the standard function keys that you are use to. You will now see the function keys listed on the bottom of the screen. You can continue to use the keyboard function keys OR the mouse to click on the function key on the bottom.



Adjust Screen Size Tip

You can adjust the GUI screen size by holding down the Ctl key and hitting the Plus (+ or = key) or Minus (-) key on the key board.

- **CTRL+** (plus sign) makes screen larger
- **CTRL –** (minus sign)makes screen smaller
- **CTRL** and *Mouse*: Press **CTRL** and use the wheel scroll on your *Mouse*

Using Green Screens

Use the GUI side by side with how you currently access your iSeries (i.e., Client Access); green screens for some users and GUI for others. This means you can test the GUI with a few users (2 or 3) then move quickly to everyone else.

Testing the GUI

Once the GUI has been installed, it is important to recognize, define and track if there is an issue.

Begin Initial Testing

Silverlight Message

The GUI uses a plug-in called Silverlight. It is used to present the users with scrolling Notes and Description Code definitions. This presents important information to the user without having to hit a function key.

Accessing Notes and Description Codes

When you *first* pull up an account the Silverlight will present a message. Press **ENTER** to move past the message and you will not see it again on this computer.

The first time you pull up an account it will take a couple of seconds to present the *first* Detail Screen Notes and Description Codes. When going to the *second* account the Notes and Description Codes will present much faster.

Accessing TabQ Screen

Open an account on your screen (Account Inquiry), go to the **TabQ** screen. It should take 2 to 3 seconds (or faster). Pressing **F7** to **Exit** should be just as fast. It may take a second or two for certain areas to present the first time. The second time will be faster - this is normal behavior.

Using Events

If you are using Events, click on the **Events** button.

If everything looks good start adding more users!

Reporting Test Results to Quantrax

Please try to document each issue as thoroughly as possible. An important question we will ask is, "Can you duplicate this issue using Client Access?" (Or any other green screen product you use.

Report testing results or issues:

Send an email to support@quantrax.com with the **Subject** as: **GUI 1.0 Testing**

Finding and Defining Issues

- *What is the issue?*
 - Are there delays when:
 - Using Events?
 - Using Function Keys?
 - In what screen?
 - What were you doing?
 - Going to TabQ?
- *Description of PC experiencing the issue*
 - This can be found from the System Information **Start** button > **Control Panel** > **System**
 - Operating System
 - CPU
 - Memory
- *What is the response with when doing the same action using Client Access (Green Screen)?*
 - How many seconds did it take?
 - What do you see while waiting?
 - Is one screen slower than the other when moving through them?
- *What version of Internet Explorer are you using?*
 - Is internet Explorer slow on other web sites also, or is the issue just GUI?
EXAMPLE: Go to Quantrax.com - How many seconds does it take to go from the Home page to the "Our Products" page
- *Do all users have this issue?*
 - If not happening to everyone - What is the difference (PCs)
- *When there's an issue iSeries ...*
 - What is the CPU Percentage (From Command line **WRKACTJOB**, press **ENTER** and percentage is at top left)

- Is Debug on? (Check the file QXSLOG)
 - Do a **WRKF QXSLOG**
 - Put an **8** next to the file and go to the bottom of that file
 - Is the “Last change date” today’s date? If yes, debug may be turned on
- What is the CPW (Commercial Processing Workload)?

GUI Administration - Troubleshooting

This section discusses how to check that the GUI (components) is running. Please go through all of the steps in this section if you cannot access the GUI.

Two links you will need to have documented for easy access. Contact Quantrax if you do not have them:

The link to the GUI for your users:

ENTER GUI LINK HERE :

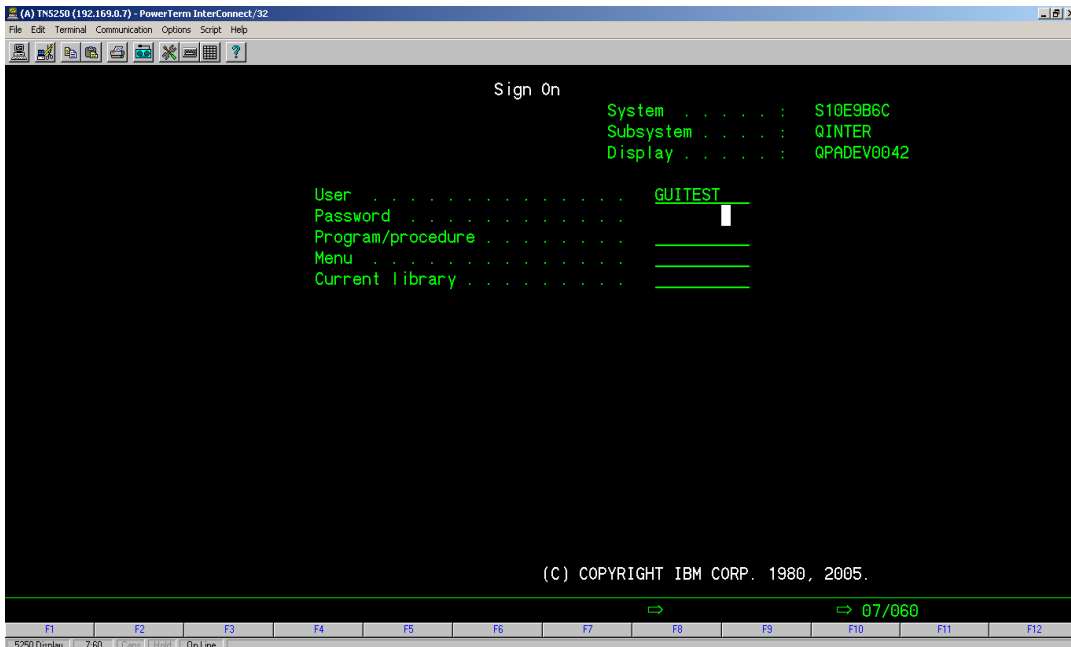
The link to the Websphere Application Server (WAS):

ENTER GUI LINK HERE:

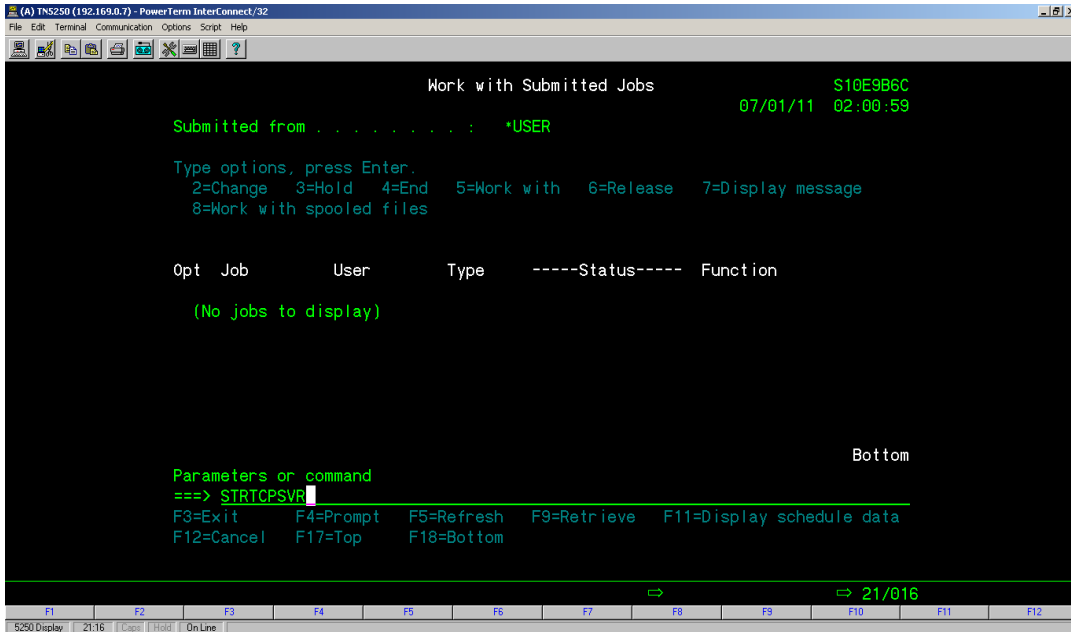
Check That the HTTP Admin Server is Up and Running *on the iSeries*

To Start the HTTP Admin Server through the iSeries

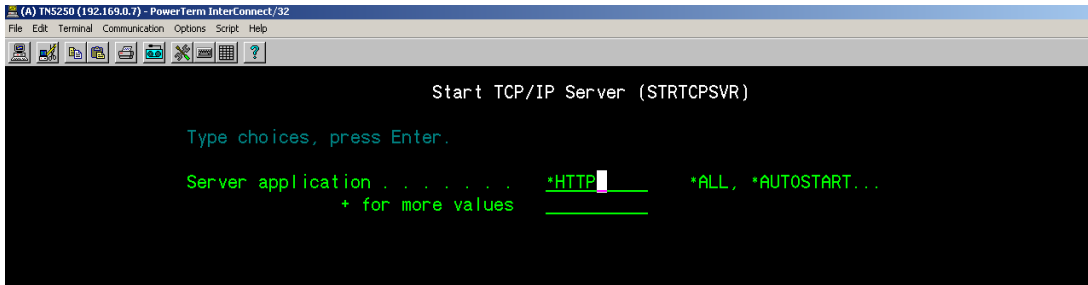
1. Login to the iSeries



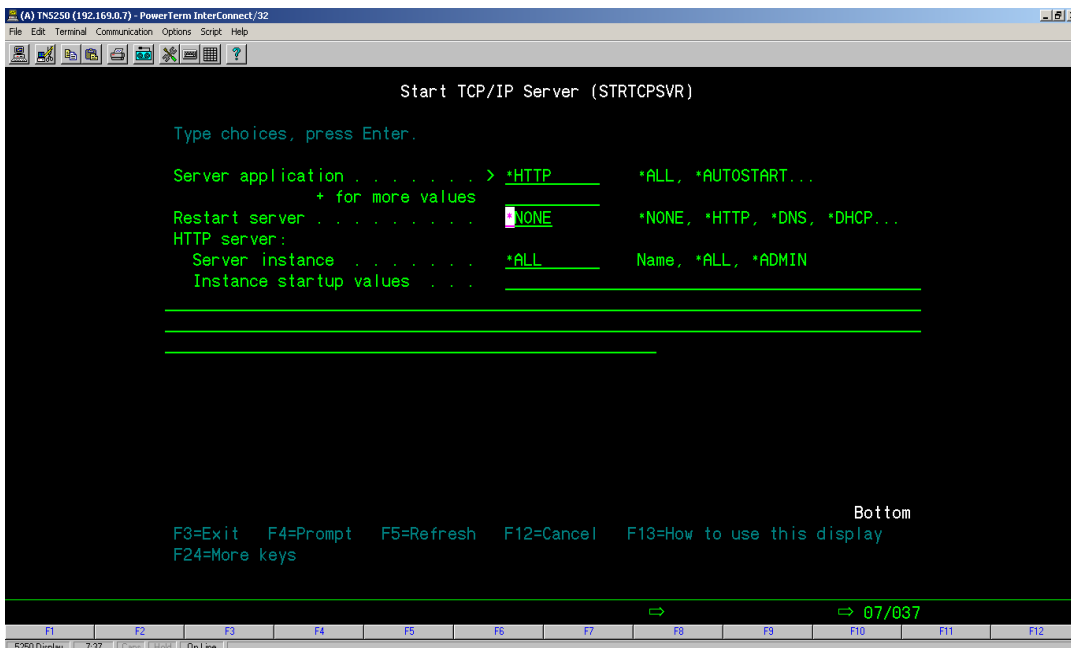
- From the command prompt type **STRTCPSVR** then press **F4**



- Give the value for Server application as ***HTTP** and press **ENTER**

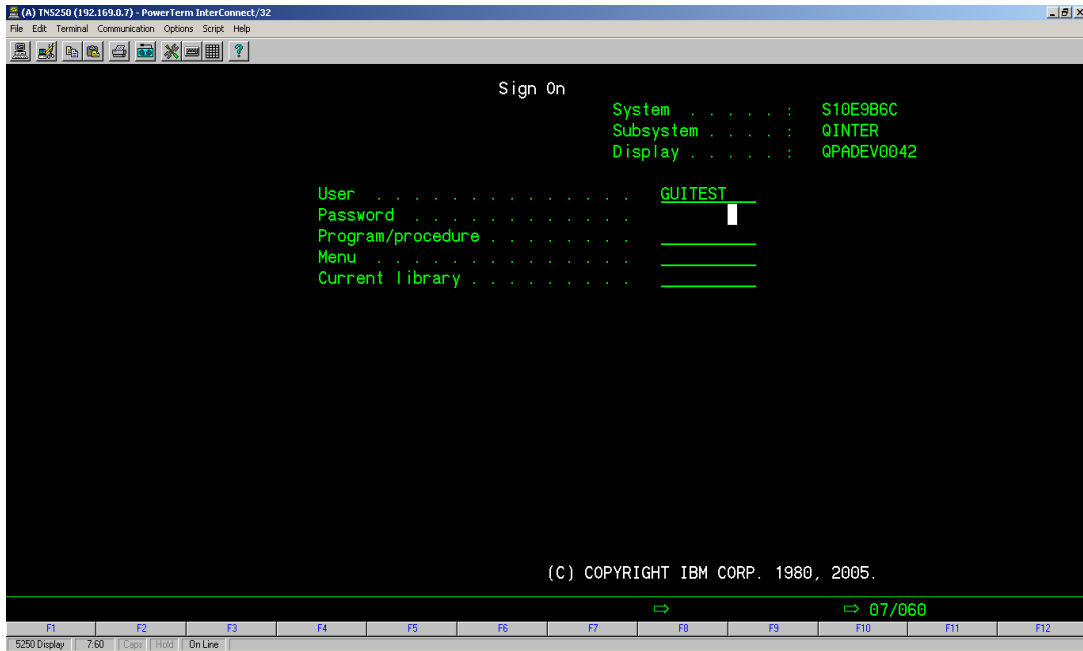


- Press **ENTER** again and the following screen displays, then press **ENTER** a again, leaving default values and the HTTP server will start

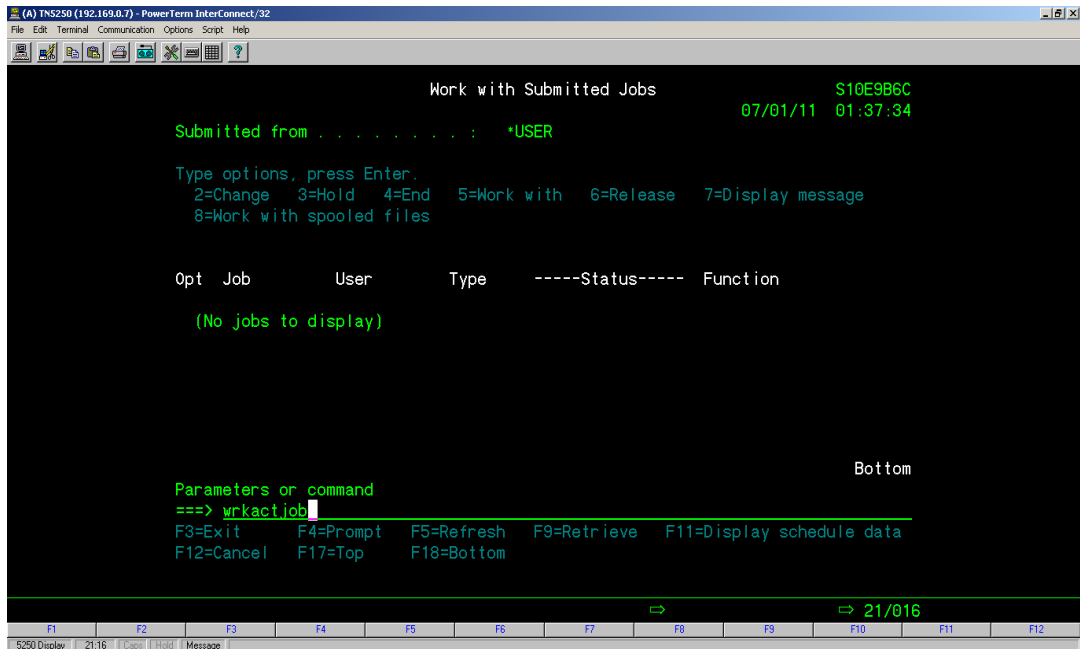


To Check the Status of the HTTP Admin Server

1. Login to the iSeries using your *user name* and *password*



2. From the command prompt type **WRKACTJOB** and press **ENTER**



3. The status of the HTTP Admin server will be presented, see examples below

```

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
---
  1 KMAIL          QSYS      SBS    .0          DEQW
  2 QBATCH         QSYS      SBS    .0          DEQW
  3 QCMN          QSYS      SBS    .0          DEQW
  4 QCTL          QSYS      SBS    .0          DEQW
  5 QSYSSCD       QPGMR     BCH    .0          PGM-QEZSCNEP  EVTW
  6 QHTTPSVR      QSYS      SBS    .0          DEQW
  7 ADMIN         QTMHHTTP  BCH    .0          PGM-QZHBMAIN  SIGW
  8 ADMIN         QTMHHTTP  BCI    .0          PGM-QZSRLOG   SIGW
  9 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
    
```

```

Work with Active Jobs                                     S10E9B6C
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Current
Opt Subsystem/Job User      Type CPU % Function      Status
---
  1 ADMIN         QTMHHTTP  BCI    .0          PGM-QZSRHTTP  SIGW
  2 ADMIN         KRISHAN   BCI    .0          PGM-QZSRCGI   TIMM
  3 ADMIN         QSEC0FR   BCI    .0          PGM-QZSRCGI   TIMM
  4 ADMIN         VIRAJ     BCI    .0          PGM-QYUNLANG  TIMM
  5 WEBSEVE02     QTMHHTTP  BCH    .0          PGM-QZHBMAIN  SIGW
  6 WEBSEVE02     QTMHHTTP  BCI    .0          PGM-QZSRLOG   SIGW
  7 WEBSEVE02     QTMHHTTP  BCI    .0          PGM-QZSRLOG   SIGW
  8 WEBSEVE02     QTMHHTTP  BCI    .0          PGM-QZSRHTTP  SIGW
  9 WEBSEVE02     QTMHHTTP  BCI    .0          PGM-QZSRHTTP  DEQW
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
    
```

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

To Start WAS

1. Type the following URL in the browser where **xxx.xxx.xxx.xxx** is your IP address of the server where WebSphere Application Server is installed

<http://xxx.xxx.xxx.xxx/HTTPAdmin>

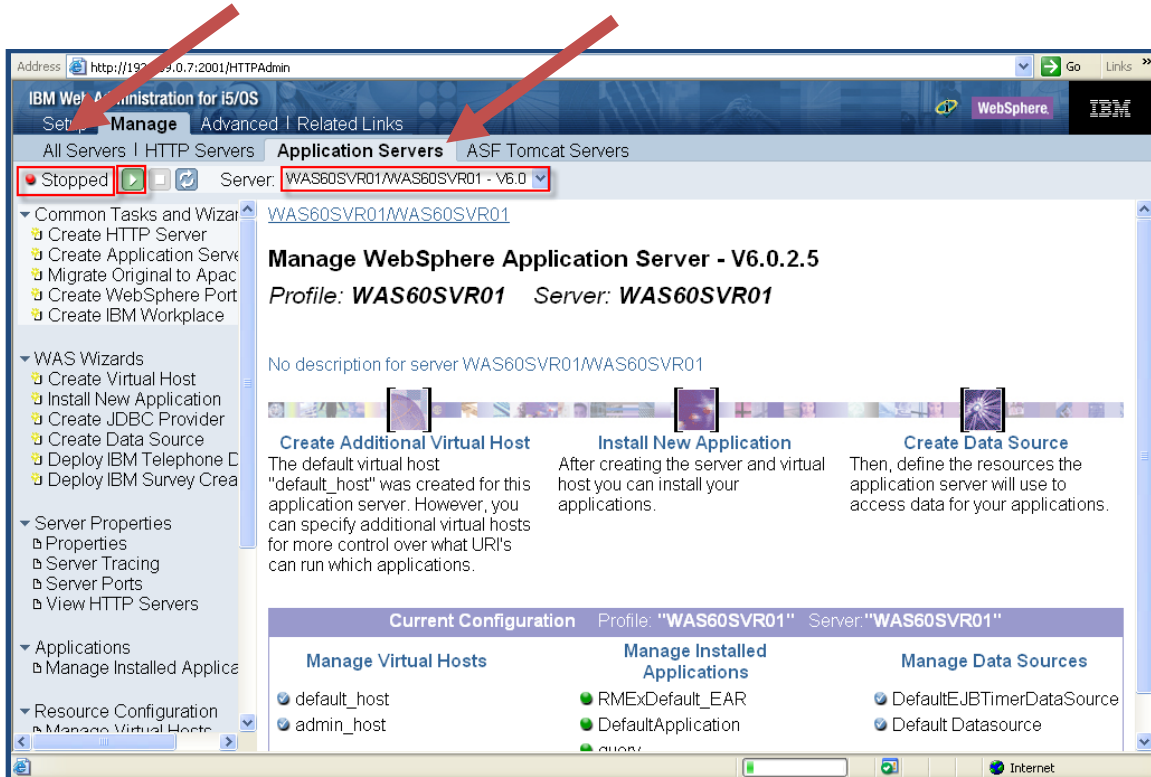
NOTE: You need the user name and password where the **WebSphere Application Server** was installed

2. Select the relevant *WAS instance*.

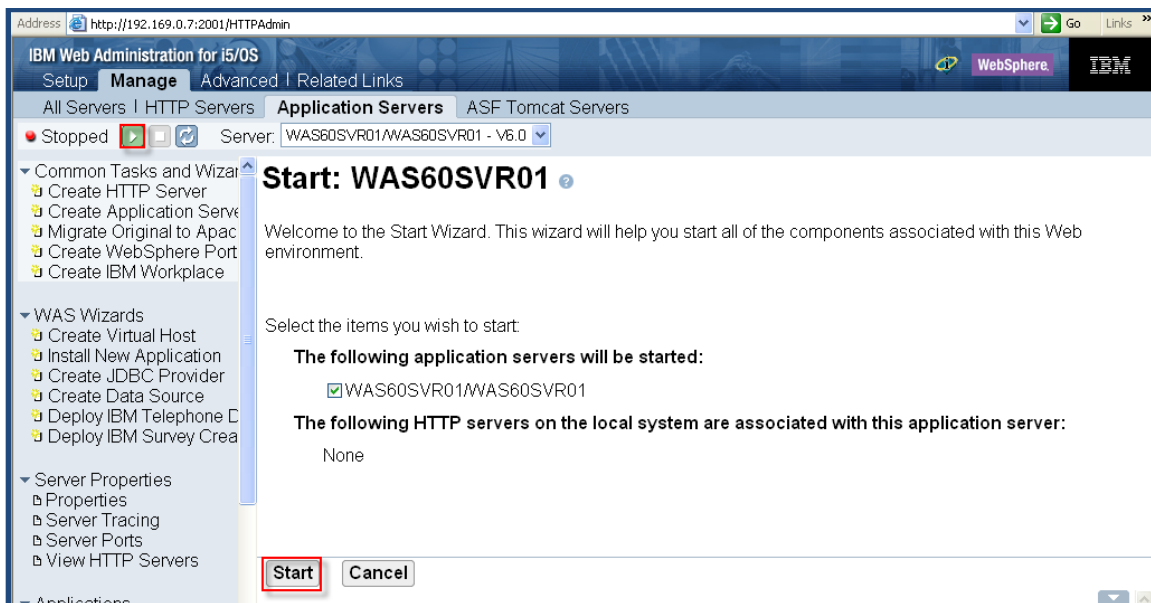
EXAMPLE: You may see **WAS60SVR01/WAS60SVR01-V60 Server** from the Server drop down options, this is a WAS instance.

3. Click **START** button  for WAS to begin *Running*

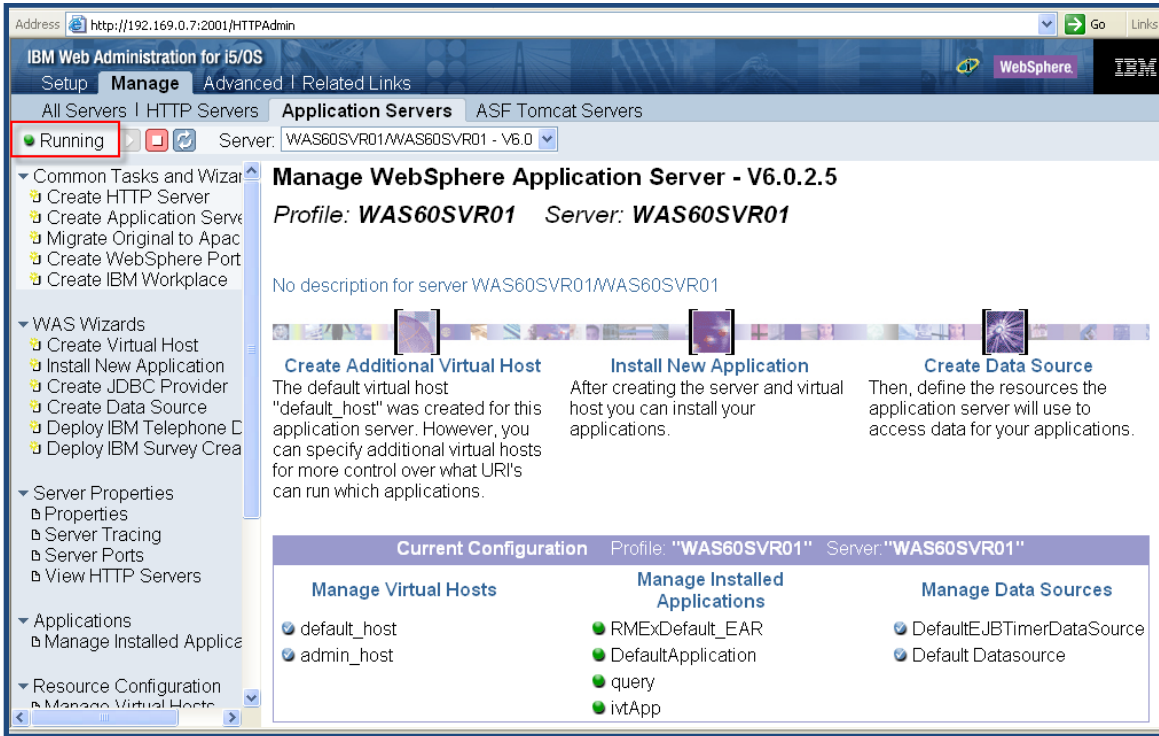
NOTE - The server status will be **stopped the first time** you access WAS.



4. After clicking the **Start** Button, the *Welcome* screen displays



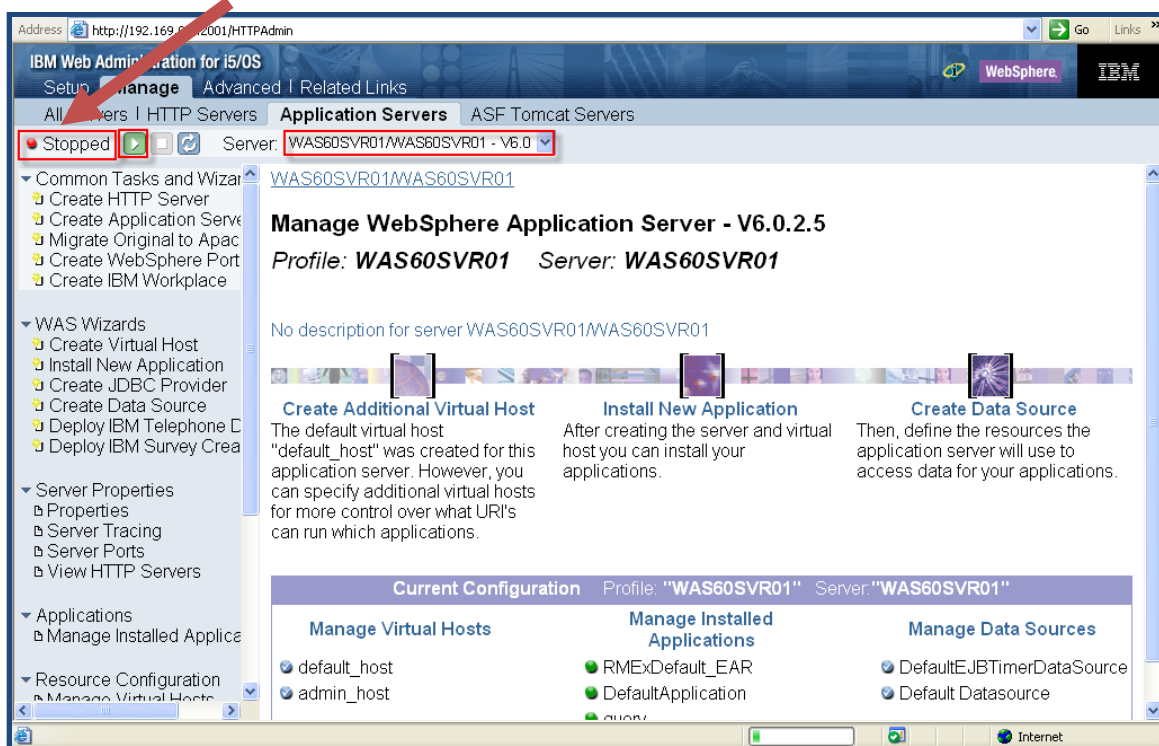
5. The status has changes to **Running**



To Stop and Restart WAS

1. The **STOP** button is found next to the **START** button - stop and restart as needed

NOTE: Clicking **STOP** button should turn all the *Managed Apps* to **red** for the *RMEDefault_EAR* file



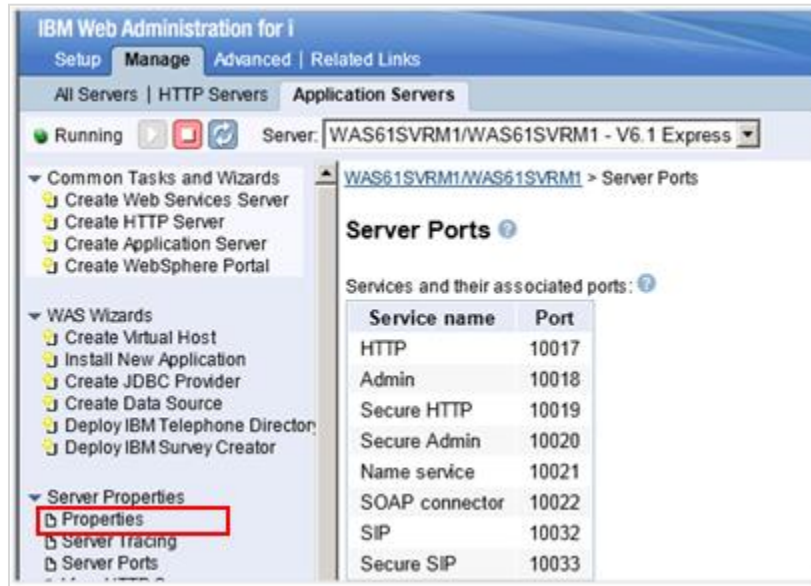
What to Do After a Power Outage

GUI v1 Administration Guide

If you restart the iSeries server/IPL or experience a power outage, then you must start the WebSphere Application Server

Finding the GUI Ports

1. From the *IBM Web Administration for your Operating System*, select your Server
2. From left side frame, click **Server Properties** and then click on the **Server Ports** links



IBM Web Administration is always port **2001**

Http – This is the GUI port

Admin – WAS Admin Console

Secure – Means HTTPS using SSL

Services and their associated ports: ?

Service name	Port
HTTP	10017
Admin	10018
Secure HTTP	10019
Secure Admin	10020
Name service	10021
SOAP connector	10022
SIP	10032
Secure SIP	10033