Creating a WAS *instance*

1. Strart the TCP server on the iSeries (cannot create an instance if this is not running)

2. Go to the iSeries command line and type STRTCPSVR

    (NOTE-to end the TCPIP type ENDTCPSVR)

```
                    Start TCP/IP Server (STRTCPSVR)

  Type choices, press Enter.


  Server application . . . . . . . > *HTTP        *ALL, *AUTOSTART...
                + for more values > _____
  Restart server . . . . . . . . . *NONE         *NONE, *HTTP, *DNS, *DHCP...
  HTTP server:
    Server instance  . . . . . . . *admin        Name, *ALL, *ADMIN
    Instance startup values  . . . _____

  _____
  _____
  _____
```

3. Open a browser session and bring up the WAS Admin console (i.e.
    http://**192.169.0.8**:2001/HTTPAdmin, where the IP is the IP address for your iSeries)

* this may take several attempts…try ending HTTP on the iSeries and then restarting. Then try the WAS Admin console again

4. Then when the screen comes up as shown below…select 'Create Application server' on the left hand side
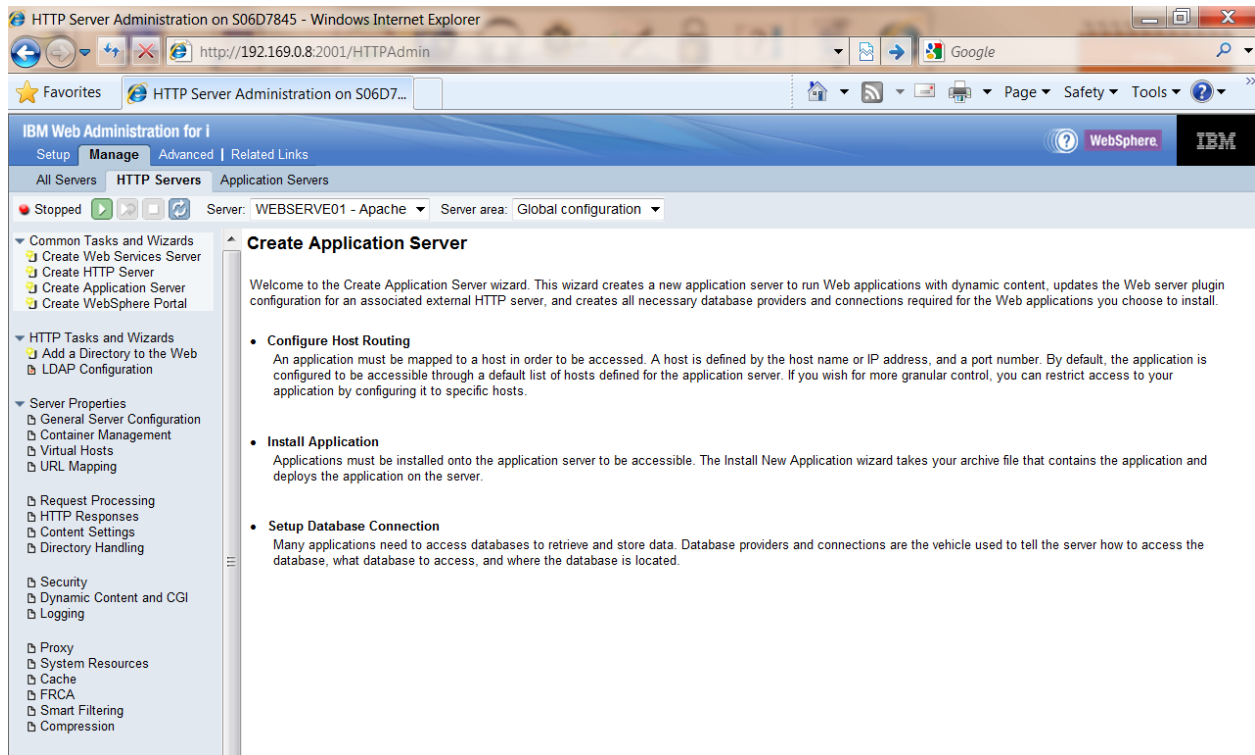
5. The Create Application Server screen is presented
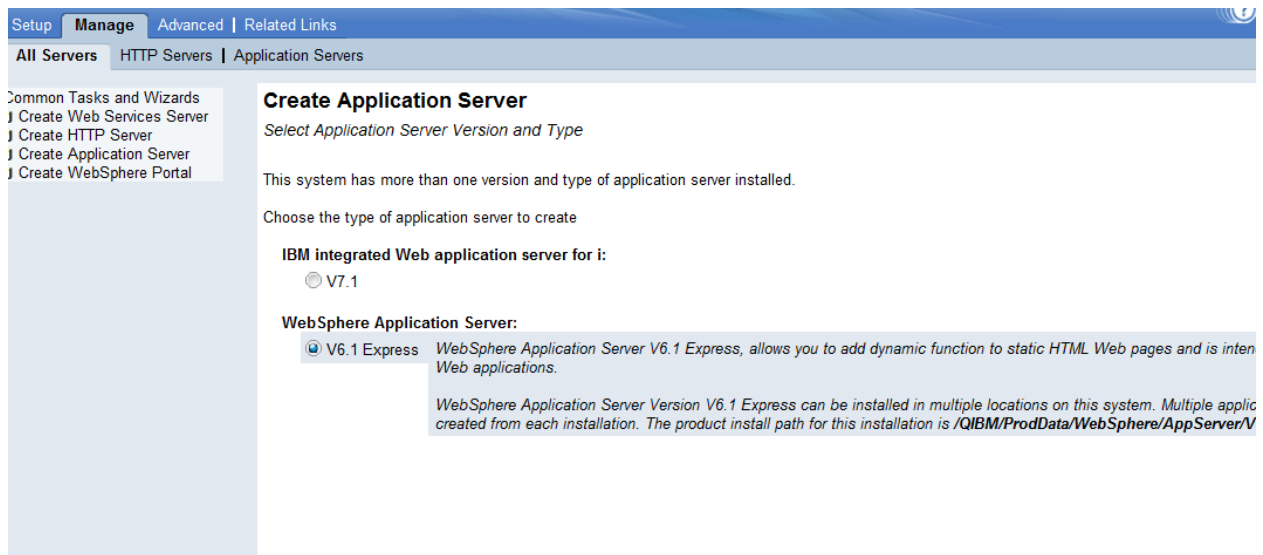
6. Select V6.1 express and click next
7. Now the system will ask for a specific name for the WAS instance...as shown below

Create WebSphere Application Server - Express, V6.1.0.37

Specify Application Server Name

Specify a unique name for the application server.

Application server name: WAS61SVRM1

Server description: WebSphere application server created by tl

8. Type in the unique name
9. HTTP server type – select do not associate an external HTTP server with this application

Create WebSphere Application Server - Express, V6.1.0.37

Select HTTP Server Type

The application server may be associated with an external HTTP server. If selected, the wizard will set up the incoming URL requests to this application server.

Choose the HTTP server type:

- ◯ Create a new HTTP server (powered by Apache)
- ◯ Select an existing HTTP server (powered by Apache)
- ◉ Do not associate an external HTTP server with this application server

10. If this is the first instance you are creating take the default. If not, enter the first number for the beginning of the next range

Create WebSphere Application Server - Express, V6.1.0.37

Specify Internal Ports Used by the Application Server

The application server uses several internal services such as internal HTTP transport service, S
other services to perform its processing. In order for these services to be configured, you must
system. Specify the first TCP port number in the range and the wizard will assign the ports tha
the first port in the range, then ports 10000 to 10014 will be configured.

First port in range: 10000　❓

11. Uncheck default applications as shown below

Create WebSphere Application Server - Express, V6.1.0.37

Select Sample Applications

You may optionally install sample applications into this application server. Choose the applications you want to in

Select which sample applications to install:

　✓　Query - Provides dynamic query service for EJB client applications. This service is accessible only to app
　☐　Default Applications - A set of samples, including SnoopServlet, that may be used to verify your applicati

12. Do not configure identity tokens as shown on the next screen, so just click next

Create WebSphere Application Server - Express, V6.1.0.37

Configure Identity Token SSO for Web to Access IBM i

Identity Token SSO is a mechanism where a single user signon action permits access to multiple II back-end applications without having to prompt for additional authentication. Identity Tokens are imp relationships between Web users and IBM i user profiles. The application server creates a token for

Note: EIM is hosted on an LDAP server that must be configured and running before continuing.

Configure Identity Tokens: ❓

⦿ Do not configure Identity Tokens

◯ Configure Identity Tokens

13. This is the final screen showing the details of the options you selected. Print this screen for your records. The internal port range is 10000-10014 for this instance, as shown below. Also, send us a copy of this screen so we can begin the GUI install
(If you need to create another instance the starting port number could be 10015)

Create WebSphere Application Server - Express, V6.1.0.37

Summary

When you click **Finish** this WebSphere application server will be created.

Application Server

WAS version:	6.1.0.37 Express
Application server name:	WAS61SVRM1
Server description:	WebSphere application server created by the Create Application Server wizard.
Internal port range:	10000 - 10014
Virtual host:	default_host
Profile root:	/QIBM/UserData/WebSphere/AppServer/V61/Express/profiles
External HTTP server association:	None
Server URL:	http://S06D7845:10000
Business applications:	None
Sample applications:	

Application name	URL to access application
query	Used by EJB client applications

Note: The application server must be started before any requests can be processed.