

# Quickly installing a configuration that uses IBM HTTP Server on Windows

The steps that follow describe the easiest way to install a configuration of WebSphere Application Server that uses--

- Windows NT 4.0 or Windows 2000
- IBM Developer Kit, Java™ 2 Technology Edition, 1.3.0
- IBM HTTP Server 1.3.19
- A single node

See "[Software Prerequisites](#)" to learn what products and fixpacks are supported for your level of WebSphere Application Server.

## Steps for installation

[Installing WebSphere Application Server -- Typical Installation option](#)

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[Testing with an Enterprise Bean](#) (optional)

## Installing WebSphere Application Server -- Typical Installation option

To install WebSphere Application Server along with the IBM Developer Kit and IBM HTTP Server, do the following:

1. Ensure that you will be installing WebSphere Application Server under a local Windows user ID that is in the Administrative group and has the advanced user rights "Act as part of the operating system" and "Log on as a service."
2. If IBM HTTP Server or another Web server on your system is running, stop the Web server.

If you have a level of IBM HTTP Server prior to version 1.3.19 on your system, you must uninstall it for the WebSphere Application Server installation program to install IBM HTTP Server 1.3.19.

3. If you obtained Version 4.0 from the product Web site, run or unpack the downloaded executable. Then, run the `setup.exe` file. If you have the product CD, simply run `\nt\setup.exe`.

You will need 135 MB free in your temp directory (usually on the C drive), even if you are installing on another drive, because the installation shield package unpacks to the temp directory. This will kick off an installation shield package.

4. If the Choose Setup Language dialog is displayed, select a language and click **OK**.
5. Click **Next** to pass the introductory page.
6. If WebSphere Application Server is already installed on your system, a dialog giving you the option to backup and uninstall WebSphere Application Server displays. You now have three options:
  - To backup your files and uninstall WebSphere Application Server, click **Backup and Uninstall** and then **Next** to continue with the installation.
  - To install to a different directory, simply click **Next** and continue with the installation.
  - To migrate your files from a previous release, click **Perform Migration**. [Complete the migration](#), then run the WebSphere installation program again.

If WebSphere Application Server is not already installed on your system, proceed to step 7.

7. On the Installation Options dialog, click **Typical Installation** and then **Next**.
8. On the Security Options dialog, fill in the user ID and password to use for the Web server registration. Do not use the characters < or > for the user ID or password. After you fill in the fields, click **Next**.
9. Specify the destination directory for WebSphere Application Server. If IBM HTTP Server is not installed already, you can also specify the destination directory for that product. If you are installing from the WebSphere CD and DB2 is not installed already, you can also specify the destination directory for DB2. Then, click **Next**.
10. Select a program folder and click **Next**.
11. Click **Next** again to begin the installation.
12. After the installation completes, check the box to view the README file.

For the most recent version of the README or release notes, go to the **Library** section of the product Web site at <http://www.ibm.com/software/webservers/appserv/>.

13. Click **Finish** and, to complete the installation, restart your computer.

## Testing the installation

You can use the First Steps dialog to test the WebSphere installation. Your Web server must be running to use the First Steps dialog. Access the dialog by selecting **Start -> Programs -> IBM Websphere -> Application Server V4.0 -> First Steps**.

Alternatively, you can do the following to test the installation:

1. Start the server by entering the following in a command window:

```
startServer
```

To stop the server at a later time, run the stopServer.bat file.

Alternatively, you can start the server by selecting **Start -> Programs -> IBM Websphere -> Application Server V4.0 -> Start Application Server**.

2. After the message "Open for e-business" is shown, open a Web browser and go to the following URL to start the administrative console:

```
http://your_server_name:9090/admin
```

where *your\_server\_name* is localhost if the Application Server is on the local machine.

If the server is on a remote machine, enter the short or fully qualified host name for the machine containing the administrative server.

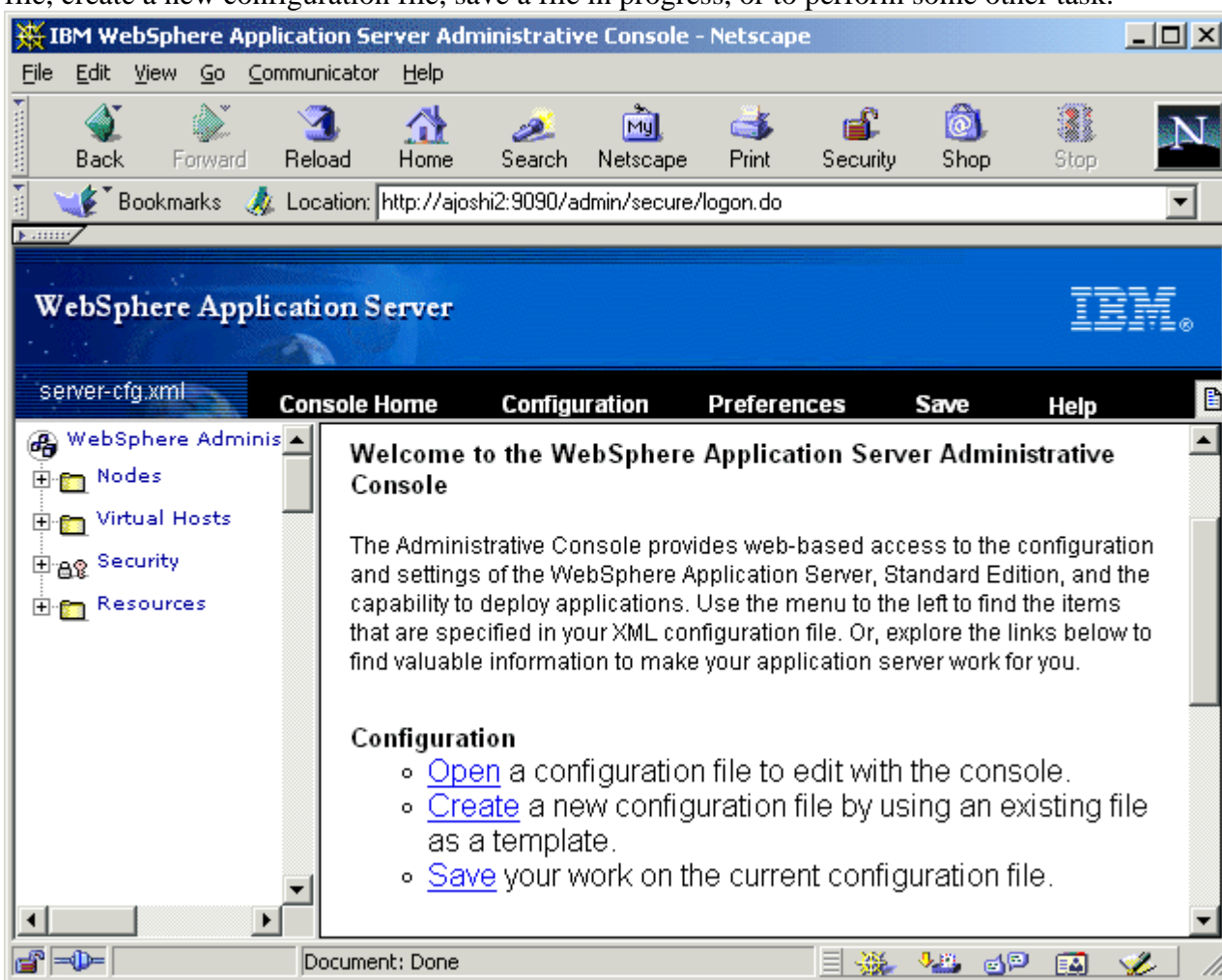
Alternatively, you can go to the console by selecting **Start -> Programs -> IBM Websphere -> Application Server V4.0 -> Administrator's Console**.

3. On the Login panel, enter a user ID to which your configuration changes made while working with

Application Server will be saved and click **Submit**. Or, if you do not care to save your work, simply click **Submit**; the changes will be saved to the default username *User*, unless *User* is already in use.

If the user ID is already in use (and in session), you are prompted to do one of the following:

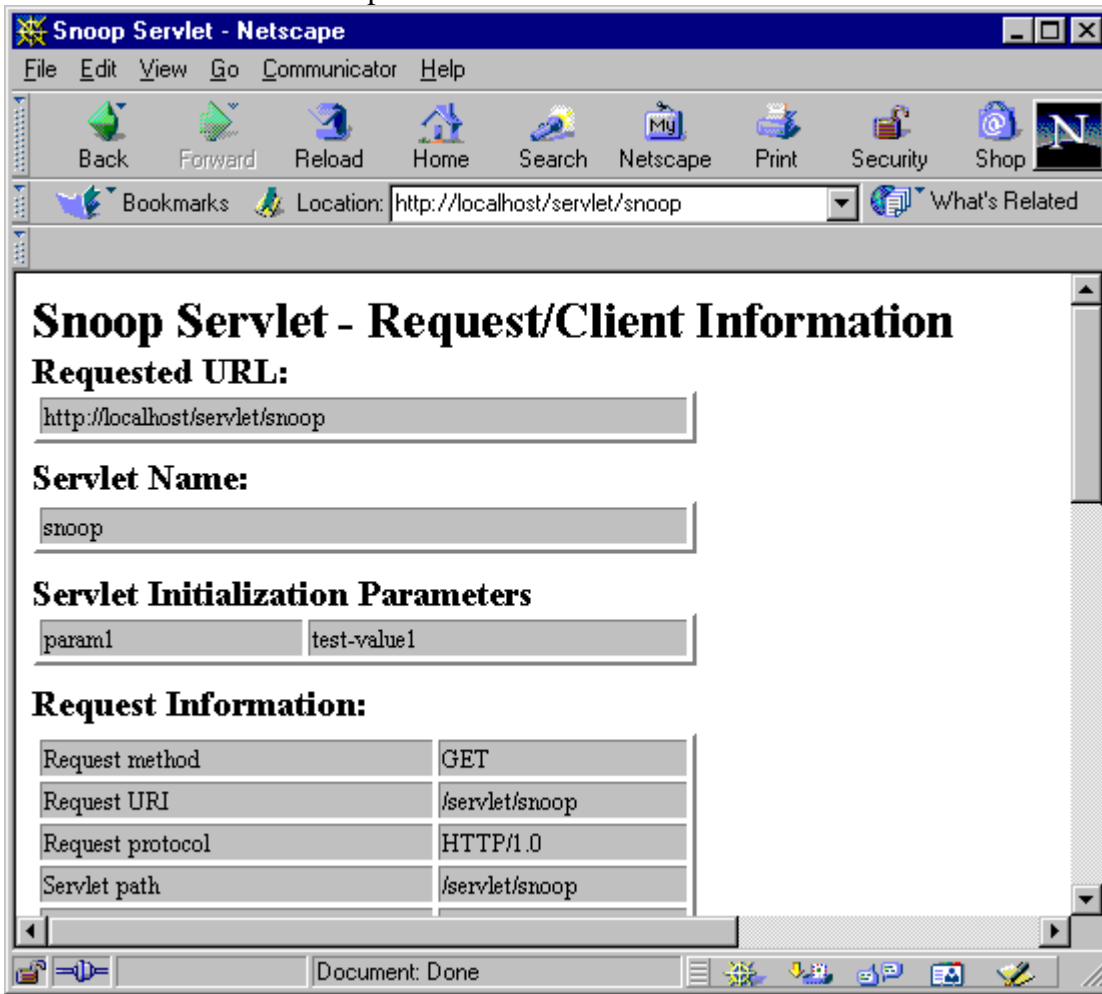
- Force the existing user ID out of session. The configuration file that was being used by the existing user ID will be saved in the temp area and you will be prompted next to load that if desired. Choosing not to load it will delete it from the temp area.
  - Wait for the existing user ID to log out or time out of the session.
  - Select another user ID.
4. From the console Welcome page displayed, click on an HTML link to open an existing configuration file, create a new configuration file, save a file in progress, or to perform some other task.



To later stop the console, close the browser. Ensure that you save any changes that you want to keep. Unless you save the changes, they will be lost when you close the browser.

5. Test the server. Ensure that the IBM HTTP Server is running. (The status for **IBM HTTP Server** in a Services dialog, which is accessible from a Control Panel, shows *Started*.) If the IBM HTTP Server is not running, use the **Start** option in a Services dialog to start the server, or select **Start -> Programs -> IBM HTTP Server -> Start HTTP Server**. Then, open a browser and go to <http://localhost/servlet/snoop>, which is a standard sample servlet installed by default. You should see

information on /servlet/snoop.



## Testing with an Enterprise Bean

After you install WebSphere Application Server, you can test an enterprise bean using the Inc sample:

1. Start the application server. (At a command line, enter `startServer`.)
2. Start your Web browser and specify for the URL address:

`http://your_server_name/webapp/examples/HitCount`

where *your\_server\_name* is `localhost` if the Application Server is on the local machine. If the server is on a remote machine, enter the short or fully qualified host name for the machine containing the administrative server.

You should see a Web page with selection options.

3. From the list **Generate hit count using**, select **Enterprise JavaBean**. From the list **Transaction Type**, select **None**.
4. Click on **Increment**.

The number of hits should display.

## Uninstalling WebSphere Application Server

To uninstall WebSphere Application Server:

1. Run the `uninstwas40.exe` file in the main WebSphere Application Server directory. For example, enter the command `uninstwas40` at a prompt in the main product directory.
2. Select **Yes** when asked if you want to uninstall the product.
3. Select whether you want to back up your product files.
4. After the uninstallation program runs, reboot your system.

Note that, instead of running the `uninstwas40.exe` file, you can uninstall WebSphere Application Server using the Add/Remove Programs option of the Windows Control Panel.

IBM HTTP Server is not uninstalled by the WebSphere Application Server uninstall program. If you installed IBM HTTP Server as part of the WebSphere Application Server installation, you must run the IBM HTTP Server uninstall program.