
Installing the Microsoft® Java Virtual Machine

To use the full functionality of your secure gateway, you must sign in using a Java-enabled Web browser. Your Web browser is Java-enabled if your PC has a Java Virtual Machine (JVM). Currently, only the Microsoft® JVM is supported. This document describes how to determine whether or not your PC already has the Microsoft JVM, how to install the Microsoft JVM if needed, and how to make the Microsoft JVM the default JVM for your browser if you have previously installed the SUN JVM.

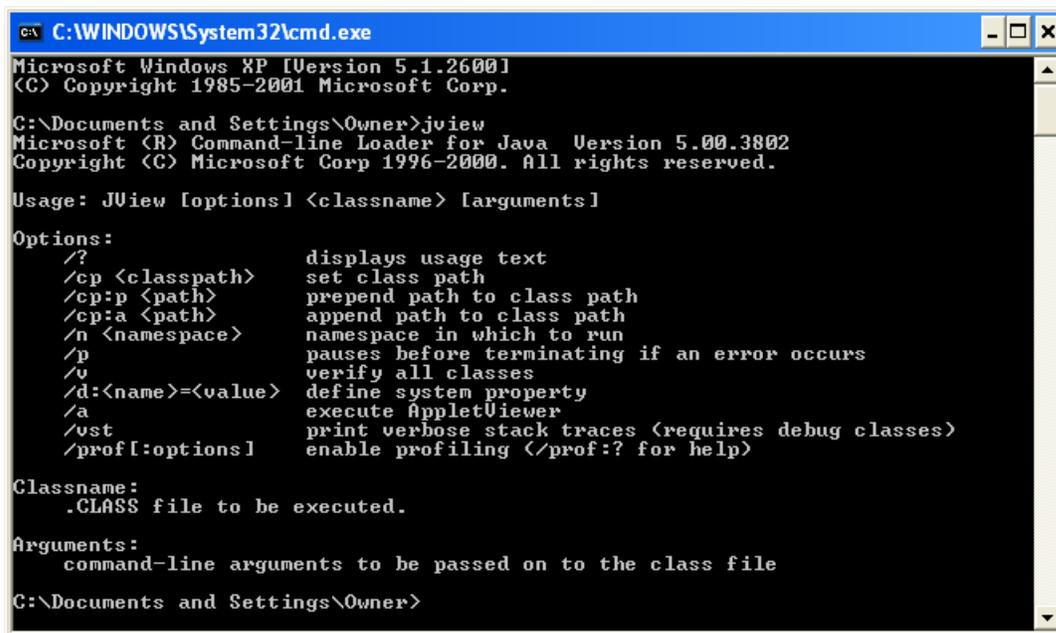
Determining if your PC has the Microsoft JVM

The Microsoft (MS) JVM was distributed as part of the Windows 95, 98, ME, and 2000 operating systems. If you are running one of those operating systems or have upgraded your machine to Windows® XP from one of those operating systems, your PC already has the MS JVM. If your PC was shipped with the Windows XP operating system, you may not have the MS JVM.

To determine if your PC has the MS JVM:

1. Open a command window: From the **Start** menu, choose **Run**.
2. In the **Run** dialog box, type "cmd" and click **OK**.
3. At the command prompt, type "jview" and hit the **Enter** key.

The Microsoft JVM is installed on your computer if you see the following output:



```
C:\WINDOWS\System32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\Owner>jview
Microsoft (R) Command-line Loader for Java Version 5.00.3802
Copyright (C) Microsoft Corp 1996-2000. All rights reserved.

Usage: JView [options] <classname> [arguments]

Options:
/?          displays usage text
/cp <classpath> set class path
/cp:p <path>   prepend path to class path
/cp:a <path>   append path to class path
/n <namespace> namespace in which to run
/p          pauses before terminating if an error occurs
/v          verify all classes
/d:<name>=<value> define system property
/a          execute AppletViewer
/ust       print verbose stack traces (requires debug classes)
/prof[:options] enable profiling (</prof:? for help)

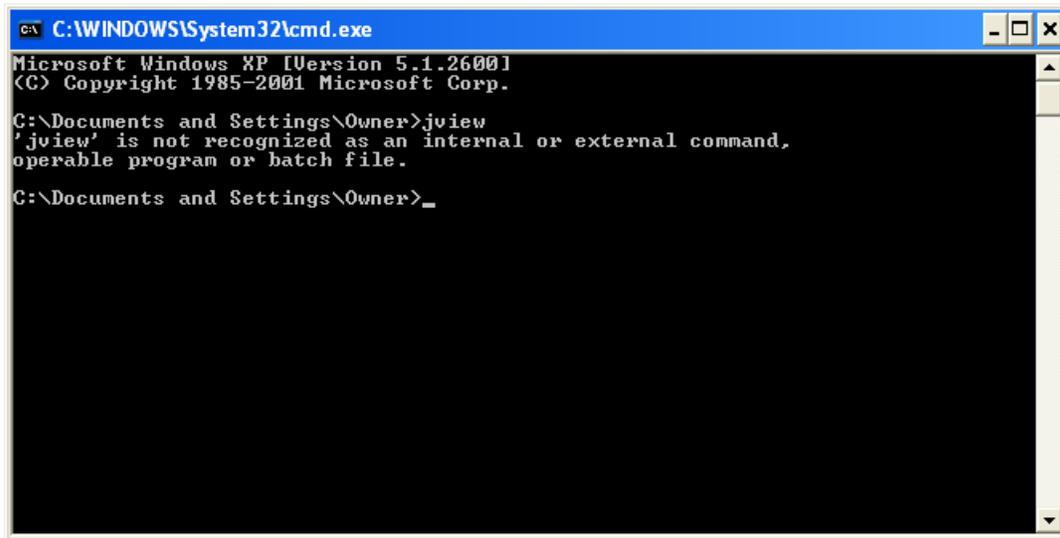
Classname:
.CLASS file to be executed.

Arguments:
command-line arguments to be passed on to the class file

C:\Documents and Settings\Owner>
```



The Microsoft JVM is not installed on your computer if you see the following output:



Installing the MS JVM on Windows XP operating systems

If you do not have the MS JVM, you can run the MS JVM installation application called msjavx86.exe contained in the ms-jvm.zip file.

To install the MS JVM:

1. Close all open browser windows.
2. Double-click the msjavx86.exe to begin the installation process.
3. Accept the license agreement to continue.
4. Follow the on-screen prompts.

Making the MS JVM the default if the SUN JVM was previously installed

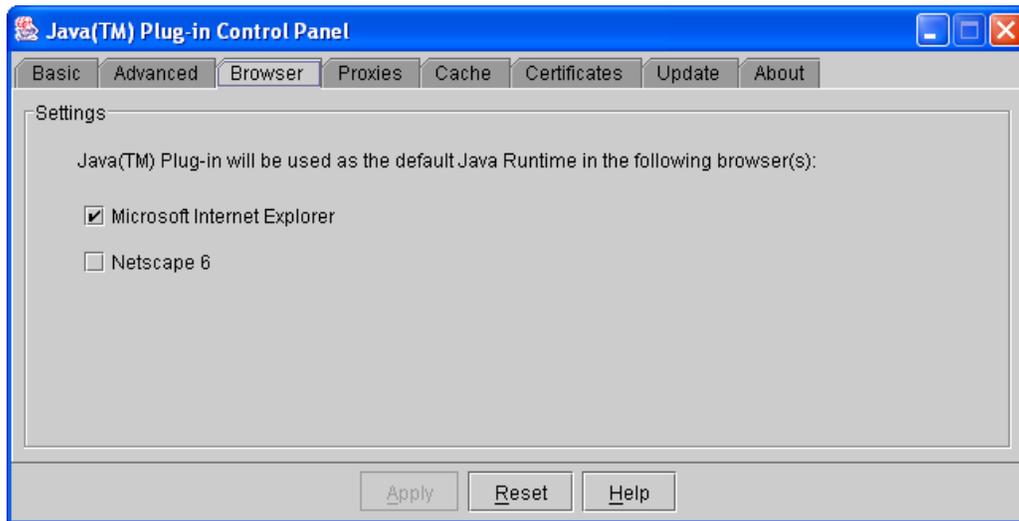
When Sun's JVM is installed on a Windows PC, it becomes the default JVM for Internet Explorer. This setting occurs even if Microsoft's JVM is already installed. To re-enable the Microsoft JVM as the default JVM for the browser.

To make the MS JVM the default JVM:

1. Close all open browser windows.
2. From the **Start** menu, choose **Control Panel**.



3. From the **Control Panel** window, choose **Other Control Panel Options**.
4. Under **Pick a Control Panel** icon, double-click **Java Plug-in** to launch the **Java Plug-in Control Panel**. Note that if you do not see the Java Plug-in icon, then your PC does not have the SUN JVM and you do not need to continue.
5. In the **Java Plug-in Control Panel**, click the **Browser** tab.



6. Uncheck **Microsoft Internet Explorer** as the default browser and then click **Apply**.
7. When the confirmation dialog opens, click **OK**. The Microsoft JVM becomes the default JVM for Internet Explorer.
8. Re-launch your browser and connect to the secure gateway.