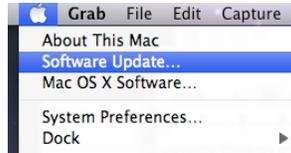


Updating Windows and Macintosh Computers 4/3/2009

While it is very important to keep your operating system fully patched, it is also important to keep each application on your computer patched. Users should check the patch levels on their PCs weekly for both the operating system and the installed applications. Make sure to schedule time for needed reboots.

Patching OS X

Software Update is used to update OS X and other Apple applications. It is accessed through the Apple Menu in the upper left corner of the OS X desktop.



Once all patches have been applied, you should see:



Patching Non Apple Software on a Macintosh

Updating non-Apple software is more difficult but can be done through the use of the App-Update Desktop Widget. Once downloaded and installed, App-Update will scan the hard drive to find application version numbers and then find the latest version via the Internet.



It allows the user to download the latest version via provided links. The downloaded applications must be installed individually. App-Update can be downloaded from

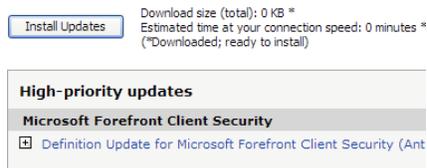
<http://gkaindl.com/software/app-update/>

Patching Windows

The best way to update a Windows-based PC is by visiting Microsoft Update using Internet Explorer. This process should be repeated until all Express updates have been applied. Note that "Windows Update" is different than "Microsoft Update." Microsoft Update includes updates for Microsoft applications like Office and MS-SQL.



Followed by



Microsoft Update can be found at:

<http://update.microsoft.com/microsoftupdate>

Patching Non Microsoft Applications on Windows

Secunia provides an online scan for outdated applications on Windows-based PCs. Users should visit the Secunia online scan using Internet Explorer. Secunia's online scan requires Java, which can be downloaded at java.com.

Welcome to Secunia Online Software Inspector (OSI)

The Secunia Online Software Inspector, or short OSI, is a fast way to scan your PC for **the most common programs and vulnerabilities**, thus checking if your PC has a **minimum security baseline** against known patched vulnerabilities.

Use the Secunia OSI to get a feel for the Secunia **Software Inspector technology**, then upgrade to the Secunia [PSI](#) or [CSI](#), which covers practically all programs on your PC, whereas the OSI checks less than 100 programs.

Feature Overview:

- Detects insecure versions of common/popular programs installed on your PC
- Verifies that all Microsoft patches are applied
- Assists you in updating, patching, and protecting your PC
- Activates additional security features in Sun Java
- Runs through your browser. No installation or download is required
- **If you run the Secunia [PSI](#) or [CSI](#) - then you're already covered**

Start Scanner

Which will take you to a screen that contains options for scanning. You should enable a "thorough system inspection."

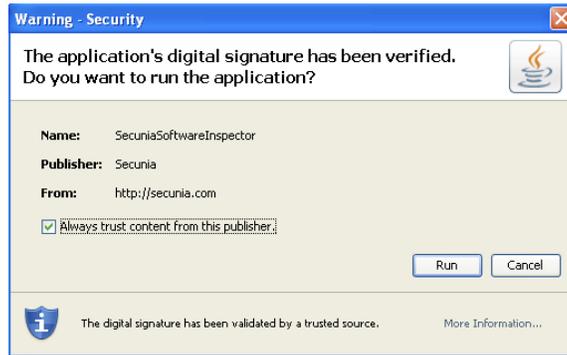
Start

Stop

Scan Options:

- Enable thorough system inspection
- Display only insecure programs (NEW!)

You may see



It may take several minutes to complete the scan. The results will be similar to:

+ [i] Adobe Flash Player 10.x	10.0.22.87	✓
+ [i] Adobe Flash Player 10.x	10.0.22.87	✓
+ [i] Sun Java JRE 1.6.x / 6.x	6.0.130.3	✓
- [i] Macromedia Flash Player 6.x	6.0.79.0	✗

This installation of Macromedia Flash Player 6.x is insecure and potentially exposes your system security threats!

The detected version installed on your system is **6.0.79.0**, however, the latest patched version released by the vendor, fixing one or more vulnerabilities, is **6.0.86.0**.

Update Instructions:
Apply updates.

Users should patch all "insecure" items. Secunia PSI online can be found at:

http://secunia.com/vulnerability_scanning/online/