

STARTUP SLOW

First, do this:

Restart your computer and time how long it takes to be fully loaded and ready to work. Write down the minutes it took.

Next:

1. Click Start...run and type in msconfig then click OK
2. On the msconfig screen near the bottom is a box LOAD STARTUP ITEMS. Click that to remove the dot.
3. Click Apply and OK
4. Restart your computer and see if the startup takes less time. Actually use a watch to see how long it takes to startup before doing the above, and then check how much time it takes to startup after disabling LOAD STARTUP ITEMS. You should see a difference in the time it takes to be fully loaded and ready to work.
Write down the min it took with msconfig startup items disabled.

Next:

Go back to msconfig as per step #1 above, and put the dot back into Load Startup Items. And put a dot in SELECTIVE STARTUP rather than NORMAL STARTUP.
Click the STARTUP tab. Uncheck all boxes that you don't need every time you power up.
The only things you really need to have Start every time you power up, is your anti-virus program, and there may be 2-3 boxes that apply to the anti-virus program. AND your anti-spyware program. You can load anything else you need during the day by clicking it's shortcut on the desktop or in the Start..All Programs list.

For Windows XP, it is recommended that you leave the following checked if they are on your startup list.

Alcxmnr,backupnotify,ccapp,ccregvfy,hpsysdrv,kbd,ltmsg,nvcpl,ps2,recguard,VTimer

Click Apply and OK

Now, click the **Services** tab and select **Hide all Microsoft services**, and then remove the checkmarks next to all the items left in that list except the ones having to do with your anti-spyware and anti-virus programs and the NIC item.
Click Apply and OK

Restart your computer.

NOTE: When you restart after making changes in Msconfig you're going to get a popup of the configuration box telling you that changes have been made to msconfig. Just put a check in the box, DO NOT SHOW THIS AGAIN and it won't pop up again.

. Another suggestion:

He may want to download the free AUTORUNS program which gives you a list of the processes(that's those things that XP runs without your knowing it) that are running on your computer to help you choose which ones you can turn off (uncheck) safely. IF after reading the info AutoRun gives you about the running item, you still are not sure what it does, rightclick the item and click Google on the drop down list. Google will take you to a site that explains what that particular items does.

To learn more about this nifty program, and to download it free click here: [Click here: Sysinternals Freeware - Autoruns](#)

Create a New Restore Point before using Autoruns:

Click Start...All Programs...Accessories...System Information...System Restore. Place the dot in Create Restore Point and click Next. Name it "Before Autoruns". The date will be automatically entered.

Create a subfolder and name it AutoRuns in your C:\Programs folder. During the download process, click SAVE instead of RUN and locate the AutoRuns folder. Click SAVE. The zipped file will be downloaded to your AutoRuns folder.

Rightclick Start, click Explore and scroll down the left column to locate the C:\Programs folder. Click the + beside Programs and you will see the Autoruns subfolder. Doubleclick the Autoruns folder. Then click to unzip and extract the autoruns files to the same Autoruns folder. Click the file with the ? to read about Autoruns. Then click the Autoruns file to bring up the list of your running programs. Uncheck those that you do not need to have running..when you restart your computer and if something isn't working that you really like to have running, you can go back and check that item again.

Explanation of the System Configuration tabs

The following list describes the tabs and the items listed inside the tabs in the System Configuration Utility window.

General

Use the General tab to prevent entire types of software applications from opening with Windows. The following selections are on the General tab:

- **Normal startup.** This setting instructs Windows to open all software applications that are normally scheduled to start with Windows
- **Diagnostic startup.** This setting provides a command when Windows opens. Each software application scheduled to start with Windows is displayed, one at a time. Type a Y to open the listed software application or type an N to prevent the listed software application from opening.
- **Selective startup.** Use this setting to prevent software applications of a certain type from starting. Once a specific software application type under Selective startup is selected, then all software applications of that type will open with Windows. For example, select **Load startup items** to open all items listed on the **Startup** tab.

System.ini

This tab represents items listed inside the system information file. The system.ini file is responsible for providing Windows with the following information:

- **[Boot]** - Provides windows with a list of files that opens when Windows opens. Most files are needed for Windows to operate correctly, such as the power driver, Windows sound driver, and Windows mouse driver. Do not remove the check mark next to any item that contains a Windows flag icon next to the listing.
- **description** - The names and settings of items, usually hardware, that are used by Windows. These settings should not be changed.
- **[386Enh]** - Describes the file types that Windows will use for certain functions. Do not remove the check mark next to any item that contains a Windows flag icon next to the listing. Some software applications create a *device=* listing that causes communication problems with printers, external storage devices, scanners, and cameras.
- **[drivers]** and **[drivers32]** - Provides Windows the files for audio and video formats. Do not remove the check mark next to any item that contains a Windows flag icon next to the listing.
- The other items in this list set up the system environment.

Win.ini

This tab represents items listed inside the Windows information file. The win.ini file is responsible for providing Windows with the following information:

- **[Windows]** - Software applications listed after *load=* or *run=* will automatically open with Windows. Remove the check mark to prevent the listed items from opening.
- **[Desktop]** - Contains settings for the Windows Desktop. Do not disable Desktop. Instead, set the Windows Desktop theme to None from Display Settings.
- **[Compatibility]** - Contains settings used by Windows to make certain software applications compatible with Windows. Do not disable.
- Other items are settings set up the Windows environment.

Boot.ini (Windows XP)

This tab displays the boot.ini file used to boot Windows. Changes to how Windows starts can be made here.

Services (Windows XP)

The Services tab lists the programs that start with Windows, or are run periodically by Windows.

Startup

This tab represents software applications that open automatically after Windows opens. Disable individual software applications by removing the check mark next to the name and path.

For Windows XP, it is suggested that you do not uncheck the following startup items:

Any that are anti-spyware or anti-virus programs

Alcxmnr

Backupnotify

Ccapp

Ccregvy

Hpsysdrv

Kbd

LTMSG

NvCpl

Ps2

Recguard

VTimer

Windows 98 & ME

HP recommends that you DO NOT disable the following startup items:

Any that are anti-spyware or anti-virus programs

Statmgr (ME only)

Hpsysdrv

Hidserv (ME only)

Keyboard manager

Mgarvctlexe

MotiveMonitor

PCHealth

Primax3d Mouse

Scan Registry

System Tray or Sys Tray

Taskbar Display Controls

USBMMKBD

Vshwin32.exe(98 only)

IF a scanner is connected to the computer, do not disable HPScanpatch and HPLamp.

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