



## PCIN.net Windows Registry Tips and Tweaks

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These tips are provided as-is, with no warranty, either implied or otherwise. These tips do not include a thorough explanation of why you may want to use them, or why it might be a good idea not to. They are strictly meant to be a listing of registry tips and tweaks that I have collected over the years. Feel free to send me corrections or clarifications to [editor@pcin.net](mailto:editor@pcin.net)

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### 1. Default Mail Client

HKEY\_CLASSES\_ROOT\mailto\shell\open\command.

Under command, enter the full path to the email client then %1

c:\internet\Netscape\program\netscape.exe %1

c:\program files\internet explorer\iexplore.exe %1

### 2. Generate Program Fault Log

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\FaultLogFile

Value should be the path and filename of the log file

### 3. Remove "Click here to begin"

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer\NoStartBanner

Set this hex value to 01,00,00,00

### 4. Disable Windows Animation

HKEY\_CURRENT\_USER\Control Panel\Desktop\WindowMetrics\MinAnimate

Set this to 1

### 5. Full-Color Icons

HKEY\_CURRENT\_USER\Control Panel\desktop\WindowMetrics\Shell Icon BPP

Give it a value of 16

### 6. Preview BMP images in Windows Explorer

HKEY\_CLASSES\_ROOT\PAINT.PICTURE\DefaultIcon

Set value to "%1"

### 7. Windows Refresh Rate

HKEY\_LOCAL\_MACHINE\System\CurrentControlSet\Control\Update\UpdateMode

Setting value to 00 will force an instant update to Windows Explorer.

### 8. Remove Hidden Shares

HKEY\_LOCAL\_MACHINE\System\CurrentControlSet\Services\LanmanServer\Parameters\AutoShareServer





HKEY\_LOCAL\_MACHINE\System\CurrentControlSet\Services\LanmanServer\Parameters\AutoShareWks

Both of these REG\_DWORD values set to 0 will prevent hidden shares from working (c\$, etc.)

## 9. Outlook 2000/XP Restricted Filetypes

HKEY\_CURRENT\_USER\Software\Microsoft\Office\10.0\Outlook\Security\Level1Remove

It is possible to add Filetypes back into the OK zone. This will allow you to open these attachments from Outlook (they won't be blocked).

This key lists all of the file extensions that will be blocked by Outlook. You can edit this key to either remove extensions that you want access to or add extensions that you want to block.

## 10. Display the Number of Network Errors for a Network Connection

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\Network\Connections\StatMon\ShowLanErrors  
(Windows 2000)

You can display a LAN connection-error count on the General tab of the connection's Status dialog box in Win2K. This REG\_DWORD when set to 1 will display the errors that have occurred over a network connection. The default value is 0 will not display the errors. Note that the Errors field looks a little odd, because of a bug in how the Status dialog box accommodates the error information.

## 11. Changes to the Windows Security Screen Title Bar

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Winlogon\Welcome  
(Windows NT/2000)

This REG\_SZ data type will display a custom string on the title bar of the Windows Security Screen that you see when you invoke the Ctrl+Alt+Del keystroke.

## 12. Thumbnail Size

HKEY\_LOCAL\_MACHINE\Software\Microsoft\Windows\CurrentVersion\Explorer\ThumbnailSize

This DWORD value can be set between 32 and 256. This number represents the size in pixels that the Windows Explorer Thumbnail view will display.

## 13. Thumbnail Quality

HKEY\_LOCAL\_MACHINE\Software\Microsoft\Windows\CurrentVersion\Explorer\ThumbnailQuality





This DWORD value will determine the quality of the thumbnail image quality. This number can be set between 50 and 100

#### **14. Default Email Client**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Clients\Mail

From the Internet Options applet of the Control Panel, click on the Programs tab. The program that Internet Explorer will try to open when you click on an email link is here (my default is Outlook, although I could also choose Hotmail or Outlook Express). This registry key is where this information is saved. If your favourite email program won't set itself up here, then you can go to this registry key, and following the example of the ones already setup, try and set your program up.

#### **15. Restrict Users from Changing their Home Page**

HKEY\_CURRENT\_USER\Software\Policies\Microsoft\Internet Explorer\Control Panel\HomePage

This DWORD set to 1 will make it so users cannot change their Internet Explorer home page. Setting it to 0 will allow the home page to be changed.

#### **16. Delete Roaming Profiles when logging out**

HKEY\_LOCAL\_MACHINE\Software\Microsoft\WindowsNT\CurrentVersion\Winlogon\DeleteRoamingCache

This value set to 1 will cause Windows to delete Roaming Profiles (if they are enabled on a network). This value set to 0 will keep the profile.

#### **17. Delete NetMeeting Most Recently Used List**

HKEY\_USERS\[LongNumber/String]\Software\Microsoft\Conferencing\UI\CallMRU

Each of the Addr# values can be deleted or changed. This will delete IP addresses that are showing up in the Netmeeting recently used list.

#### **18. Require a Password in Order to Access a Workstation**

HKEY\_LOCAL\_MACHINE\Network\Logon\MustBeValidated

This REG\_DWORD set to 1 forces a user to enter a password to login to the local workstation. Setting it to 0 allows them to press Esc and bypass a password.

#### **19. Restrict Users from Changing Their Passwords**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Policies\System\DisableChangePassword  
(Windows 2000)



Setting this REG\_DWORD to 1 will stop users from being able to change their passwords.

## 20. Remove Shortcut Arrow

HKEY\_CLASSES\_ROOT\lnkfile\IsShortcut  
HKEY\_CLASSES\_ROOT\piffile\IsShortcut

Delete these values if you want to remove the arrow that appears on all shortcuts.

## 21. View/Change System Variables

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\SessionManager\Environment  
(Windows 2000)

All of the values in this key are system variables that can be used by programs. You can make changes to the variables.

## 22. Force IE to Open with Full Screen

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Internet Explorer\Main\fullscreen

This STRING value set to "yes" will force new IE Windows to full screen. Note: This does not work for me on my Windows 2000/IE 6 system.

## 23. Change the Name of the Recycle Bin

HKEY\_CLASSES\_ROOT\CLSID\{645FF040-5081-101B-9F08-00AA002F954E}\LocalizedString

Changing the text at the end of this value from Recycle Bin to the text of your choice will change the name of the recycle bin.

## 24. Restrict Users from Changing File Types

HKEY\_LOCAL\_MACHINE\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer\NoFileAssociate

This REG\_DWORD value set to 1 will prevent users from changing file type associations. Setting it to 0 will allow them to make changes.

## 25. Regedit.exe Favourites

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Applets\Regedit\Favorites  
(Windows 2000)



The Windows 2000 Registry Editor (Regedit.exe) provides you with the ability to add frequently visited registry keys to a Favourites menu. This enables you to open those registry keys quickly without having to browse through the Registry Editor for them. This registry key is where the Favourites are stored.

## **26. Edit Windows 2000 “Open With...” List**

KEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\FileExt  
s\extension\OpenWithList (where extension equals the file extension that you want to  
open)  
(Windows 2000)

This string (REG\_SZ\_ values) identifies a program that will open files of this type. You  
can remove values if you don't want those programs to open that file type, or you can add  
items to add new programs.

## **27. Restrict Windows Setup Option from Add/Remove Programs Applet**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Policies\Unins  
tall\NoWindowsSetupPage  
(Windows 2000)

Settings this REG\_DWORD to 1 will prevent users from seeing the Add/Remove  
Windows Components Button in the Add/Remove Programs applet of the Control Panel.

## **28. Disable Personalized Menus**

HKEY\_CURRENT\_USER\SOFTWARE\Microsoft\Windows\CurrentVersion\Policies\E  
xplorer\NoInstrumentation  
(Windows 2000)

This REG\_DWORD set to 1 will disable personalized menus.

## **29. Working with Shares**

HKEY\_LOCAL\_MACHINE\System\CurrentControlSet\Services\LanmanServer\Shares

All of the shares on your computer are listed here. To remove a share, delete the key.  
It is also a good way to migrate shares to a new server. If you rebuild a server, you can  
export this key and associated sub-keys from your old server and import them on your  
new server and all of the shares will be set up for you.

## **30. How Many Processors Does Your O/S Support**

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\Session  
Manager\RegisteredProcessors  
(Windows 2000)



Check the registry value to see how many processors your version of Windows supports. This registry key value is informational only. In other words, changing the value to 128 won't enable your version of Windows to support 128 processors.

### **31. Restrict Users from Accessing Windows Update**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\  
CurrentVersion\Policies\Explorer\NoWindowsUpdate

To disable Windows Update on a per user basis set (or create) this DWORD value to 1. If you want to enable WindowsUpdate, delete this value, or change it to 0.

### **32. Clear the Windows Run Most Recently Used List**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\Run  
MRU

Deleting the values in this key will clear the log list of commands that is created when you use Run on Windows' Start menu.

### **33. Change Main Network Provider (Novell or NT)**

HKEY\_LOCAL\_MACHINE\Microsoft\Windows NT\CurrentVersion\Winlogon  
(Windows 2000 Professional)

The GINADLL value is set for either a Microsoft logon screen or a Novell login screen. If you want to use a Novell login screen, make sure that the value is NWGINA.DLL. If you want to use a Microsoft Login screen, make sure the value is MSGINA.DLL. Then close the Registry Editor and restart the system.

### **34. Remove Shutdown from the Start Menu**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\Current  
Version\Policies\Explorer\NoClose

This String Value set to 1 removes the Shutdown option from the Startmenu. Change it to 0 to allow shutdowns.

### **35. Password Reminder**

HKEY\_LOCAL\_MACHINE\Software\Microsoft\Windows  
NT\CurrentVersion\Winlogon>PasswordExpiryWarning  
(Windows 2000)

This key in Windows 2000 sets the number of days before a user's password must be changed.

### **36. Export Dial-Up Networking Settings**

HKEY\_CURRENT\_USER\RemoteAccess\Addresses



This key is where the Dial-Up Networking settings are stored.

### **37. Force Windows to Crash**

HKEY\_LOCAL\_MACHINE\System\CurrentControlSet\Services\i8042prt\Parameters\CrashOnCtrlScroll  
(Windows NT/2000)

Set this DWORD value to 1. After a reboot, hold down the right CTRL key and hit the Scroll Lock key twice. This generates a BSOD. This is intentional as it can be used for testing purposes.

### **38. Hide the File Menu in Windows Explorer**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer

Change (or create) the NoFileMenu value to 1 to hide the File menu, or 0 to show it.

### **39. Critical Update Notification Delay**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\WindowsUpdate\CriticalUpdate\CurrentDelayInterval

This REG\_DWORD value is the value in seconds between prompts from the Critical Update Notification. The default is 86,400 seconds (1 day).

### **40. Disable CD-ROM Autorun**

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\Cdrom

Changing this value to 0 disables the CD-ROM autorun feature. A value of 1 enables autorun.

### **41. Delete Content Advisor Password**

HKEY\_LOCAL\_MACHINE\Software\Microsoft\Windows\CurrentVersion\Policies\Ratings

If you are using the Content Advisor in Internet Explorer and have forgotten the password, you can delete this key and reset all of the ratings and delete the password.

### **42. Reset Internet Explorer Windows Size**

HKEY\_CURRENT\_USER\Software\Microsoft\Internet Explorer\Main\Window placement

Deleting this value will reset the size of the IE Window.



#### 43. Modify Right-Click Windows Explorer Context Menus

HKEY\_CLASSES\_ROOT\\*\shellex\ContextMenuHandlers  
HKEY\_CLASSES\_ROOT\Directory\shellex\ContextMenuHandlers  
HKEY\_CLASSES\_ROOT\Folder\shellex\ContextMenuHandlers  
HKEY\_CLASSES\_ROOT\Drive\shellex\ContextMenuHandlers

These 4 keys are where the Right-Click menu options are stored for folders, directories, and drives. To remove a right-click context menu item, you could delete any of the subkeys that are below these keys.

#### 44. Browse Remote Computers Faster

HKEY\_LOCAL\_MACHINE\Software\Microsoft\Windows\Current  
Version\Explorer\RemoteComputer\NameSpace\{D6277990-4C6A-11CF-8D87-  
00AA0060F5BF}  
(Win2000)

This key instructs Windows Explorer to search for Scheduled Tasks when you are trying to connect to a remote computer. To browse Windows 2000 and 98 computers faster, delete the key.

#### 45. Add a Right-Click Context Menu Item to an Unknown File Type

HKEY\_CLASSES\_ROOT\Unknown\Shell

To add a right-click context menu item to an unknown file type, right-click on the Shell subkey and choose New - Key. This will add a new subkey below the Shell. Give the new subkey the name of the application, as you'd like it displayed on the context menu. Next, you'll need to create another new subkey under your newly created application subkey called command. There will be a Default value automatically created. Double click this value and enter the full path of the application's executable file, but append a %1 to the end (i.e. c:\winnt\notepad.exe %1). The next time you right-click on that unknown file extension, you should see your new menu item.

#### 46. Change the name of My Computer

HKEY\_CLASSES\_ROOT\CLSID\{20D04FE0-3AEA-1069-A2D8-  
08002B30309D}\LocalizedString  
(Win2000)

From this value you can change the name of the My Computer icon. The default value is:  
@D:\WINNT\system32\shell32.dll,-9216@1033,My Computer

As you can see, the name is the last part after the , and you can change this to whatever you want. A neat trick is to change the My Computer part to %computername% and that will name My Computer the name that your computer has in the Network settings. If you do this it should look like this:

@C:\WINNT\system32\shell32.dll,-9216@1033,%computername%



#### **47. Clear the Outlook 2000 Most Recently Entered Locations for Meetings**

HKEY\_CURRENT\_USER\Software\Microsoft\Office\9.0\Outlook\Preferences\Location MRU

This key contains the most recent entered locations for meetings and appointments in Outlook 2000. You can't edit any of these, but you can delete the entire value.

#### **48. Change Windows Explorer Pop-up Tips**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Tips

There are 50 tips stored in this key. You can double-click on any of them to edit the tips.

#### **49. Activate the NumLock key when Windows Starts**

HKEY\_USERS\DEFAULT\Control Panel\Keyboard\InitialKeyboardIndicators (WinNT/2000)

This REG\_SZ or String value when set to 2 will make the NUMLOCK turn on when Windows loads. A value of 0 will turn the numlock off.

This will make the change for all users. If you want to do it for an individual user, then change the same value in the HKEY\_CURRENT\_USER hive.

#### **50. Power Down the Computer after Shutdown**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Winlogon\PowerdownAfterShutdown (WinNT/2000)

This REG\_SZ or String value when set to 1 will automatically power off your computer if the BIOS supports this. A value of 0 will leave you at the "It is now safe..." screen.

#### **51. Display the Windows version on the Desktop**

HKEY\_CURRENT\_USER\ControlPanel\Desktop\PaintDesktopVersion

In Windows 2000, a DWORD value of 1 will display the Windows version on the desktop. A value of 0 does not display it.

#### **52. Change Location of Windows Setup Files**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Setup\SourcePath

This REG\_SZ or String Value key stores the path to the location of the installation files.

#### **53. Internet Explorer Context Menu Items**

HKEY\_CURRENT\_USER\Software\Microsoft\Internet Explorer\MenuExt





These are menu items that appear in the Right-Click menu of Internet Explorer

#### **54. Internet Explorer Tools Menu Items**

HKEY\_LOCAL\_MACHINE\Software\Microsoft\Internet Explorer\Extensions  
HKEY\_CURRENT\_USER\Software\Microsoft\Internet Explorer\Extensions

Each subkey of these keys define an addition to IE's Tools menu

#### **55. Restrict Users from Using GIFs and JPGs as Desktop Wallpaper**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Policies\ActiveDesktop\NoHTMLWallPaper

To restrict users from using GIFs and JPGs as wallpaper (restrict them to BMP images) create or set this value to 1. A value of 0 will allow users to use all 3 types of images.

#### **56. Restrict Users from Changing Desktop Wallpaper**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Policies\ActiveDesktop\NoChangingWallpaper

This DWORD value 1 will stop people from being able to change their desktop wallpaper. A value of 0 will allow users to change the wallpaper.

#### **57. Clear Internet Explorer Address Bar Auto-complete Entries**

HKEY\_CURRENT\_USER\Software\Microsoft\Internet Explorer\TypedURLs (Win9x)  
HKEY\_USERS\S-1-5-21...\Software\Microsoft\Internet Explorer\TypedURLs (WinNT/2000)

When you type a URL in Internet Explorer (IE), the system automatically completes known entries with data stored in this registry key. Each time you type in a URL and press the Enter key or the Go button, that URL is stored in this location.

#### **58. Restrict Users from Logging Off**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer\NoLogOff

This DWORD value set to 1 will remove the "Log Off User" option in the Start Menu. A value of 0 will show it.

#### **59. Remove Background Tab from Appearing in the Display Applet**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Policies\System\NoDispBackgroundPage



This DWord value set to 1 will stop the Background page of the Display applet from appearing. Setting it to 0 will cause it to appear.

## 60. Scroll Start Menu or View Multiple Columns

HKEY\_LOCAL\_MACHINE\Software\Microsoft\Windows\CurrentVersion\Explorer\Advanced\StartMenuScrollPrograms

This String entry in the registry can be created if it doesn't exist. If you set it to FALSE it will make the start menu run into multiple columns. This works with IE5. You have probably noticed that if your Start Menu is too long, you get a little arrow at the top or bottom of the Programs menu telling you that you need to scroll to see what else is there. You can change this to behave the way Windows 95 used to.

## 61. Remove Browser Branding

HKEY\_CURRENT\_USER\Software\Microsoft\Internet Explorer\Toolbar\BrandBitmap  
HKEY\_CURRENT\_USER\Software\Microsoft\Internet Explorer\Toolbar\SmBrandBitmap

If you downloaded IE from ZDNet, Tucows, or any other major site, it is probably "branded", meaning that it probably has its own logo in the upper-right corner and in the title bar it says the branded name. These 2 registry settings should be deleted if you want to remove the branded logo. This will set it back to the default IE globe.  
<http://support.microsoft.com/support/kb/articles/Q176/7/13.ASP>

## 62. Internet Explorer Window Title

HKEY\_CURRENT\_USER\Software\Microsoft\Internet Explorer\Main\Window Title

This is where you can change the browser name that appears in the Internet Explorer window title. You can change it to anything you want.

## 63. Smooth Scrolling in Microsoft Word

HKEY\_CURRENT\_USER\Software\Microsoft\Office\8.0\Word\Options\LiveScrolling

This feature allows you to have smooth scrolling in Word 97. When you use the scroll bars in Word 97, you can't see the document as it scrolls by until you let go of the scroll bar. Adding this LiveScrolling setting and setting it to 1 will allow you to see document scroll by.

## 64. Remove Desktop Icons

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Desktop\NameSpace

A lot of programs install themselves and add an icon to the desktop. The problem is, this isn't just a shortcut that can be deleted. These are permanent links to certain



programs/features. In order to delete them, you need to navigate to this registry key and delete any entries you do not want.

## 65. Start Menu Delay

HKEY\_CURRENT\_USER\Control Panel\Desktop\MenuShowDelay

This registry entry will control how fast each menu sub-level appears and how fast the taskbar will appear if you have autohide set up. The number that you enter will be the time in milliseconds the operating system will pause. 1 second would need an entry of 1000. I usually set mine at 0 so that it appears as quick as it can.

## 66. Sort the Start menu

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\MenuOrder

This registry key is where you would go in Windows 98 and Windows 95 with the windows update installed to fix your menu order. Maybe you haven't noticed, but the menu items in the Start Menu and in the Favorites folder don't have to be in alphabetical order. By dragging them, you can put them in any order you want. The problem is, once you have changed one, you can never get it back to alphabetical order without fixing it in the registry.

From the MenuOrder key, choose which sub key you want to edit, the Start Menu or the Favorites. You will see more sub keys that are called Menu. You can either delete that key, or delete the binary Order listing in the right hand pane. You can search through all of the sub keys for the same thing and reset any of them that you want.

If you don't like working in the registry, there is a PC Magazine utility available called MenuZap that you can download which does all of this automatically for you. Visit <http://www.zdnet.com/pcmag/> and do a search for MenuZap to find it.

## 67. Remove Uninstall Items from the Add/Remove Programs Applet

HKEY\_LOCAL\_MACHINE\Software\Microsoft\Windows\CurrentVersion\Uninstall

This registry key contains all of the sub keys for programs that can be uninstalled. When you want to uninstall, always use the uninstall program that came with the program or use the Add/Remove Programs applet of the Control Panel. This registry key can be useful when you have done that, but the program still comes up in the Add/Remove Programs listing. When you click on it it says "Can't find this file." Well, of course it can't, it has been uninstalled. It is just that the registry listing hasn't been removed.

To remove it, just visit this key, and then scroll down until you see the culprit. You might have to click on the sub key once so that the real name shows up in the right hand pane. Sometimes the sub key names don't make a lot of sense.

## 68. Edit Windows Registration Information

HKEY\_LOCAL\_MACHINE\Software\Microsoft\Windows\CurrentVersion

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion



This registry key will allow you to change to information you inputted about who Windows was registered to. You can change the company, persons name, the registration key, etc.

## 69. Edit Windows Installed User Information

HKEY\_CURRENT\_USER\Software\Microsoft\MS Setup (ACME)\User Info

Have you noticed that when you install programs, it quite often automatically knows your name and your company name? That information does not come from the registry key mentioned above this one. It is found in this one. If you have gotten a used computer from someone or have changed companies and want to change those names, then visit this key.

## 70. Change Windows Startup Items

HKEY\_LOCAL\_MACHINE\Software\Microsoft\Windows\CurrentVersion\Run  
HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Run

This registry key will help you when there are programs starting up that you don't want running. When you install something like Norton Utilities or an antiviral program, they load up at start up and put a small icon in the system tray. You probably want most of these programs running, but lets say that you don't want it running. How do you get rid of it. There should be an option in the program setup, but if you just can't find it, you can go to this key, or any other that starts with RUN and delete the listing in the right hand pane. For instance, Power Management is installed by default by Windows, even if you go into the power settings and tell it you want the computer on all the time, there is still a line in the RunServices key. It wasn't doing any harm because the power profile was set so that everything was on all the time, but why even have the profile in there is I don't use it. So I deleted it.

## 71. Disable the mapped-drive reconnect warning

HKEY\_CURRENT\_USER\Network\RestoreDiskChecked

If you have mapped a network share to a drive letter, you can automatically remap it each time your computer starts. If the network share isn't available anymore, then you a window pops up telling you this and asks you if you'd like to remap the drive again next time. This can get annoying. This DWORD set to 0 will disable the warning. Changing it to 1 will re-enable the warning.

## 72. Turn off printer announcement broadcasts

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\Print\DisableServerThread

This DWORD value set to 1 will prevent your computer from sending out announcements that it has printers shared. Setting it back to 0 renews the broadcasts.



This will prevent printers from appearing when browsing the network, but the printers are still available as long as their share name is known.

### 73. Fix EXE Association Problems

HKEY\_LOCAL\_MACHINE \ Software \ Classes \ Exefile \ Shell \ Open \ Command

Do you ever get the error “Windows cannot find PROGRAM.EXE. This program is needed for opening files of type 'Application'”?

If so, then go to this registry key and make sure that it has the value:

"%1" %\* (exactly as shown).

### 74. Turn off Passport Reminder

(Windows XP)

HKEY\_CURRENT\_USER\Software\Microsoft\MessengerService\PassportBalloon

When this value is set to 0a, you won't have the Passport reminder popup anymore.

### 75. Stop Windows Messenger from Starting with Microsoft Outlook Express

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Outlook Express\ Hide Messenger

This DWORD value set to 2 will stop Windows Messenger from starting with Microsoft Outlook express.

### 76. Logging Windows Installer activities in Windows 98

HKEY\_LOCAL\_MACHINE\Software\Policies\Microsoft\Windows\Installer\Logging

Windows Installer can log its activity. Give this String value a value of voicewarmup and you'll get full logging.

The value may appear a little unusual, but each letter turns on a separate logging feature (the letters can be entered in any order):

- i - Status messages
- w - Non-fatal warnings
- e - All error messages
- a - Start up of actions
- r - Action-specific records
- u - User requests
- c - Initial UI parameters
- m - Out-of-memory or fatal exit information
- o - Out-of-disk-space messages
- p - Terminal properties
- v - Verbose output
- + - Append to existing file
- ! - Flush each line to the log



"\*" - Wildcard, log all information  
except for the v option.  
To include the v option, specify "/l\*v".

## 77. Run Defrag without Problems

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Applets\Defrag\Settings\Disable loadqm.exe  
HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Applets\Defrag\Settings\ Disable loadwc.exe  
HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Applets\Defrag\Settings\ Disable ScreenSaver  
HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Applets\Defrag\Settings\ Disable Wkdetect.exe  
(Windows 9x/ME)

Set each of these values to YES to disable these programs while Defrag is running  
LOADWC.EXE (Windows Update Checker), LOADQM.EXE (Query Manager), and  
WKDETECT.EXE (Update Checker for Microsoft Works).

## 78. Run Scandisk without Problems

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Applets\Scandisk\Settings\ Disable loadqm.exe  
HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Applets\Scandisk\Settings\ Disable loadwc.exe  
HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Applets\Scandisk\Settings\ Disable ScreenSaver  
(Windows 9x/ME)

Set each of these values to YES to disable these programs while Defrag is running  
LOADWC.EXE (Windows Update Checker), LOADQM.EXE (Query Manager), and  
WKDETECT.EXE (Update Checker for Microsoft Works).

## 79. Account Settings

HKEY\_CURRENT\_USER\Software\Microsoft\Internet Account Manager

Your Outlook Express Email Account settings are stored in this registry setting.

## 80. Mail Rules

HKEY\_CURRENT\_USER\Identities

You'll find all the information about mail rules and other per-identity settings here, stored in sub-keys identified by your unique ID string. It will look something like this:  
{36553740-2BAC-11D3-95B1-00A0C993DADF}



If you are importing information for the same user that you had when you exported this key, all will be fine. If you have recreated this user, or created a new one, the unique ID will be different, and so you will have a bit of work to make it work.

### **81. Set Temporary Internet Files Path**

HKEY\_LOCAL\_MACHINE\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Cache\Paths\Path1-4

This registry setting will show you where your Temporary Internet Files are stored. You can delete the sub-paths, but not the main Paths key. You can also change the location of these paths.

If you delete the Paths1-4, and set the value of Directory to a location, then you will have only 1 path (and no sub-paths).

### **82. Clear Temporary Internet Files when Exiting Internet Explorer**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Cache\Persistent

This REG\_DWORD key when set to 0x00000000 (0) will clear your Temporary Internet Files folder when you exit Internet Explorer. This value set to 0x00000001 (1) will not clear it.

### **83. Change the Temporary Internet Files Cache Size**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\5.0\Cache\Content\CacheLimit

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Cache\Content\CacheLimit

Change the Base to Decimal and enter the amount of space you want to use for temporary Internet files (in kilobytes)

### **84. Disable Balloon Tips**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\Advanced\EnableBalloonTips  
(Windows XP)

This DWORD value set to 0 will disable the balloon tips. The value of 1 will enable the tips.

### **85. Decide whether you want dial-up passwords saved**

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\RasMan\Parameters  
Add a value named DisableSavePassword

This REG\_DWORD set it to 1 will stop Dial-Up Networking from saving the password. A setting of 0 will save the password.





## 86. Display Customized Message When Windows Starts

HKEY\_LOCAL\_MACHINE\Software\Microsoft\Windows\CurrentVersion\Winlogon\  
LegalNoticeCaption  
HKEY\_LOCAL\_MACHINE\Software\Microsoft\Windows\CurrentVersion\Winlogon\  
LegalNoticeText

These strings will display a small window when a computer first starts up. The caption is the name of the window. The text is the message itself in the window.

## 87. Suppress the Windows Tour Prompt

(Windows XP)

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Applets\  
Tour\ RunCount

This DWORD value set to 0 will stop the Windows Tour from appearing

## 88. Disable The Getting Started Screen

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Policies\  
Explorer\NoWelcomeScreen

This REG\_DWORD value set to 1 disables the Getting Started screen. 0 enables it.

## 89. Add TLDs To IE's Autosearch

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Internet  
Explorer\Main\UrlTemplate

For Value Name, enter the next number available. This REG\_SZ value will be setup the same way the existing ones are (www.%s.TLD, with TLD being .com, .edu, .biz, etc.)

## 90. Refresh Windows Explorer Windows Immediately

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\Update\UpdateMode

This DWORD value set to 00 will force Windows to refresh windows quicker

## 91. Disable the Personalized Favorites Menu feature in IE 5.0 or later

HKEY\_CURRENT\_USER\Software\Microsoft\Internet Explorer\Main\FavIntelliMenus

Set this value to "no" (without the quotes).

## 92. Disable IE's HTML Source Editor Check

HKEY\_CURRENT\_USER\Software\Microsoft\Internet  
Explorer\Main\CheckDocumentForProgID



This String value set to “no (without the quotes) will stop Internet Explorer from changing the program that you can use to edit a current web page.

### **93. Disabling File Shares On Servers**

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\lanmanserver\Parameters\AutoShareServer

This REG\_DWORD value set to 0 will remove the default file shares

### **94. Delete Page File When You Shut Down Windows**

HKEY\_LOCAL\_MACHINE\SYSTEM\CURRENTCONTROLSET\CONTROL\SESSIONMANAGER\MEMORYMANAGEMENT\ClearPageFileAtShutdown

This value set to 1 will clear the paging file when a computer is shut down

### **95. Minimize Outlook to the System Tray**

HKEY\_CURRENT\_USER\Software\Microsoft\Office\10.0\Outlook\Preferences\MinToTray

This REG\_DWORD value set to 1 will minimize Outlook 2002/XP to the system tray rather than to the task bar.

### **96. Realigning Dropdown Menus**

HKEY\_CURRENT\_USER\Control Panel\Desktop\MenuDropAlignment

This String value set to 1 will cause menus to drop down from the right rather than the left.

### **97. Display Start Menu Items in Alphabetical Order**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\MenuOrder

Delete this key and the menu will be reset to be in alphabetical order.

### **98. Set Windows Explorer Toolbar Wallpaper**

HKEY\_CURRENT\_USER\Software\Microsoft\Internet Explorer\Toolbar\BackBitmapShell

This String value contains the location of the bitmap (BMP) image that you would like to use as the toolbar wallpaper.

### **99. Enable Notification for Missed Scheduled Tasks**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\SchedulingAgent\NotifyOnTaskMiss



This DWORD value set to 1 will enable missed tasks notification. Setting this value to 0 will disable notification.

### **100. Turn off Low Disk Space Notification**

(Windows XP)

HKEY\_Current\_User\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer\NoLowDiskSpaceChecks

This DWORD value set to 1 will disable the low disk space notification. 0 will enable it.

### **101. Stop Win2K/XP From Fixing Broken Shortcuts**

HKEY\_Current\_User\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer\NoResolveTrack

This DWORD set to 1 will stop Windows 2000 and XP from trying to automatically fix shortcuts. 0 will enable it.

### **102. Setting the Cache Write Delay**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\CacheWriteDelay

(Windows 2000)

This DWORD value (in milliseconds) controls the time that Windows waits before it tries to shut down. This will allow time for the cache to be written permanently to the disk.

### **103. Verify CD-ROM/CD-R/CD-RW Drive Types**

(Windows XP)

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\CD Burning\Drives

Each CD drive will have its own Volume key. Double-click the "Drive Type" value to change its properties. CD-Rs should be set to 1; CD-RWs should be set to 2; non-writables should be set to 3.

### **104. Disable New Features of the Windows XP and Windows 2000 Shell**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer\ClassicShell

This DWORD value set to 1 will disable many of the newer features of the Windows Shell

### **105. Change Taskbar Background Flashing Settings**

HKEY\_CURRENT\_USER\Control Panel\Desktop\ForegroundFlashCount



This REG\_DWORD value sets the number of times that a background application flashes letting you know that it wants to take control

### **106. Disable Office 2000 Clipboard**

HKey\_CURRENT\_USER\Software\Microsoft\Office\9.0\Common\General\AcbControl

Setting this DWORD value to 1 (Decimal) will stop the Office 2000 clipboard from popping up.

### **107. Remove Help Option From Start Menu**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer\ NoSMHelp  
(Windows 2000)

This REG\_DWORD set to 1 will remove the Start Menu Help menu. You must log off and back on for this change to take effect. Setting this to 0 will show the Help menu.

### **108. Modify the Number of Recent Documents Stored in the Documents Menu**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer\MaxRecentDocs

Set this DWORD value to the number of documents that you would like on the Documents menu of the Start Menu. The Windows default is 15. The number you choose must be in multiples of 15.

### **109. Resize Windows Minimize and Maximize Buttons**

HKEY\_CURRENT\_USER\Control Panel\Desktop\WindowMetrics\CaptionWidth  
HKEY\_CURRENT\_USER\Control Panel\Desktop\WindowMetrics\CaptionHeight

Change these 2 registry values to change the size of the Minimize and Maximize buttons.

### **110. Hide the Documents Menu on the Start Menu**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\Current  
Version\Policies\Explorer\NoRecentDocsMenu

Set this DWORD value to 1 to hide the Documents menu. Shortcuts will still be added to the Documents, but since you don't see the menu, you don't see the shortcuts.

### **111. Disable Documents Menu on the Start Menu**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\Current  
Version\Policies\Explorer\NoRecentDocsHistory



Set this DWORD value to 1 to stop Windows from even keeping track of document history

## 112. Change Your Default Html Editor

HKEY\_CURRENT\_USER\Software\Microsoft\Internet Explorer\Default  
HTML\Editor\Description  
HKEY\_CURRENT\_USER\Software\Microsoft\Internet Explorer\Default  
HTML\Editor\shell\edit\command

In the first registry key, change the description to the name of your HTML Editor.  
In the second key, change the default REG\_SZ data to the fully qualified pathname for your editor.

## 113. Track Windows Update Processes

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Active Setup\SteppingMode

Set this string value to Y in order to track the process. Change it to N to ignore the process.

## 114. Set The Default Domain In Windows NT

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows  
NT\CurrentVersion\Winlogon\DefaultDomainName

This string value should be set to the value to the preferred domain.

## 115. Set The Alternate Default Domain In Windows NT

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows  
NT\CurrentVersion\Winlogon\AltDefaultDomainName

This string value should be set to the value to the alternative preferred domain.

## 116. Do Not Display The Username Of The Last User

HKEY\_LOCAL\_MACHINE\Network\Logon\DontShowLastUser  
(Windows 95/98/ME)  
HKEY\_LOCAL\_MACHINE\Software\Microsoft\Windows\  
CurrentVersion\WinLogon\DontDisplayLastUserName  
(Windows 2000/XP)  
HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows NT\  
CurrentVersion\WinLogon\DontDisplayLastUserName  
(Windows NT)

This value should be set to 1 to stop the last user name from appearing in the Logon window



### **117. Disable Dragging To The Start Menu**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer\NoChangeStartMenu

This REG\_DWORD should be set to 1

### **118. Clear Windows Media Player Most Recently Used (MRU) List**

HKEY\_CURRENT\_USER\Software\Microsoft\MediaPlayer\Player\RecentFileList

Delete this key to clear the Windows Media Player most recently played file list.

### **119. Enable services through the registry**

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services

To enable (or change the startup options for) services on the local computer, locate the Service, and set Start value to:

- 0 -boot
- 1 -system
- 2 -automatic
- 3 -manual

### **120. Disable Automatic Update Checking in Windows Media Player**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Policies\WindowsMediaPlayer\DisableAutoUpdate (WMP 7)

This REG\_DWORD value should be set to 1. A value of 0 enables automatic updates.

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\MediaPlayer\EnableAutoUpgrade (WMP 6.4)

This REG\_SZ value should be set to No. A value of Yes enables automatic updates.

### **121. Internet Explorer DNS Cache Timeout**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\DnsCacheTimeout

Since Internet Explorer 4.0, the DNS cache has been resetting itself every thirty minutes. Change this DWORD to the number of seconds between Cache purges.

### **122. Adding the My Computer Security Zone**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\Zones\0\Flags



By default, there are four zones in IE that you may customize: Internet, Local intranet, Trusted Sites, and Restricted Sites. Change the value above from 33 to 1. You'll now have a new My Computer zone.

### **123. Increase Icon Cache Size**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\Max Cached Icons

Have you ever seen your icons change from the proper icon to one for another program? This happens because the icon cache is full. You can change the number of icons that are cached in this registry key. This REG\_SZ value represents the number of icons that will be cached. The default is 500. If you find that your icons are changing often, increase this number to a maximum of 2000.

### **124. Disable IE's Clicking Sound When You Click On A Link**

HKEY\_CURRENT\_USER\AppData\Local\Microsoft\Internet Explorer\Navgating\current

Delete this key to stop IE from playing the clicking sound every time you click on a link.

### **125. Change Default Wallpaper Folder**

HKEY\_LOCAL\_MACHINE\Software\Microsoft\Windows\CurrentVersion\WallPaperDir

Set this to the location where your desktop wallpaper will be found on this computer.

### **126. Hide Windows 2000/XP Places Bar**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Policies\comdlg32\NoPlacesBar

This DWORD value should be set to 1 to hide the places bar in the Open/Save dialog box.

### **127. Edit Windows 2000/XP Default Places Bar**

This comes from a Windows FAQ newsletter:

You can modify the five default quick links in the Open and Save common dialog boxes by performing the following steps:

1. Start a registry editor (e.g., regedit.exe).
2. Navigate to the  
HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Policies\comdlg32 subkey. (If this subkey doesn't exist, select New, Key from the Edit menu to create it.)
3. From the Edit menu, select New, Key.





4. Enter a name of Placesbar and press Enter.
5. Navigate to the new registry subkey. You can create five entries (i.e., Place0, Place1, Place2, Place3, and Place4). Make each entry either a string value (REG\_SZ) entry (for a named folder) or a DWORD value (REG\_DWORD) entry (for a special folder, such as My Documents or My Network Places).
6. To create a new entry, go to the Edit menu, select New, DWORD value or New, String Value (as appropriate), enter a name of Placen (e.g., Place0, Place4), and press Enter.
7. Double-click the entry and set its REG\_SZ "Value data" to a path and folder name or its REG\_DWORD "Value data" to a numeric ID (the table below shows a partial list of these numeric IDs--the shlobj.h file, which is part of the platform software development kit (SDK), defines the full list of special numeric IDs).
8. Close the registry editor.

This change will not affect applications within the Microsoft Office suite but will affect applications, such as Notepad and Microsoft Paint, that use the Open and Save common dialog boxes. Each new entry you add will replace one of the default quick links.

| ID | Pathway                                  |
|----|--|
| 0  | Desktop                                  |
| 1  | Internet Explorer                        |
| 2  | Start Menu\Programs                      |
| 3  | My Computer\Control Panel                |
| 4  | My Computer\Printers                     |
| 5  | My Documents                             |
| 6  | <user name>\Favorites                    |
| 7  | Start Menu\Programs\Startup              |
| 8  | <user name>\Recent                       |
| 9  | <user name>\SendTo                       |
| a  | <desktop>\Recycle Bin                    |
| b  | <user name>\Start Menu                   |
| c  | Logical "My Documents" desktop icon      |
| d  | "My Music" folder                        |
| e  | "My Videos" folder                       |
| 10 | <user name>\Desktop                      |
| 11 | My Computer                              |
| 12 | Network Neighborhood (My Network Places) |
| 13 | <user name>\Nethood                      |
| 14 | Windows\Fonts                            |
| 16 | All Users\Start Menu                     |
| 17 | All Users\Start Menu\Programs            |
| 18 | All Users\Startup                        |
| 19 | All Users\Desktop                        |
| 1a | <user name>\Application Data             |



- 1b <user name>\PrintHood
- 1c <user name>\Local Settings\Application Data  
(nonroaming) 0x001d // nonlocalized startup
- 1e Nonlocalized common startup
- 1f Common favorites
- 20 Internet cache
- 21 Cookies
- 22 History
- 23 All Users\Application Data
- 24 GetWindowsDirectory()
- 25 GetSystemDirectory()
- 26 C:\Program Files
- 27 C:\Program Files\My Pictures
- 28 USERPROFILE
- 29 x86 system directory on RISC
- 2a x86 C:\Program Files on RISC
- 2b C:\Program Files\Common
- 2c x86 Program Files\Common on RISC
- 2d All Users\Templates
- 2e All Users\Documents
- 2f All Users\Start Menu\Programs\Administrative Tools
- 30 <user name>\Start Menu\Programs\Administrative Tools
- 31 Network and Dial-up Connections
- 35 All Users\My Music
- 36 All Users\My Pictures
- 37 All Users\My Video
- 38 Resource Directory
- 39 Localized Resource Directory
- 3a All Users OEM-specific applications
- 3b USERPROFILE\Local Settings\Application Data\Microsoft\CD Burning

## 128. Reinstalling Internet Explorer 6.0

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Active Setup\Installed Components\{89820200-ECBD-11cf-8B85-00AA005B4383}\IsInstalled.

This DWORD should be set to 0 to trick Windows into thinking that IE 6 isn't installed

## 129. Reinstall Outlook Express 6.0

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Active Setup\Installed Components\{44BBA840-CC51-11CF-AAFA-00AA00B6015C}\IsInstalled.

This DWORD should be set to 0 to trick Windows into thinking that OE 6 isn't installed

## 130. Show Which Domain a PC Is Logging In To

HKEY\_LOCAL\_MACHINE\Network\Logon\DomainLogonMessage



This DWORD value should be set to 1 to show which domain a computer is logging in to. Setting the value to 0 will disable the message.

### **131. Find BIOS Information in the Registry**

HKEY\_LOCAL\_MACHINE\HARDWARE\DESCRIPTION\System\SystemBiosDate  
HKEY\_LOCAL\_MACHINE\HARDWARE\DESCRIPTION\System\SystemBiosVersion  
HKEY\_LOCAL\_MACHINE\HARDWARE\DESCRIPTION\System\VideoBiosDate  
HKEY\_LOCAL\_MACHINE\HARDWARE\DESCRIPTION\System\VideoBiosVersion

Some information about your BIOS may be in the keys above. Do not change these values. They are for reference only.

### **132. Disable Internet Explorer Advanced Tab**

HKEY\_CURRENT\_USER\Software\Policies\Microsoft\Internet Explorer\Control Panel\AdvancedTab

Setting this to 1 will stop this tab from appearing. Change it to 0 or delete it to have the tab reappear.

### **133. Display the local Administrator account on the Windows XP Welcome screen?**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Winlogon\SpecialAccounts\UserList\Administrator

This DWORD value should be set to 1 to show the account. Set it to 0 to hide the account

### **134. Tweak the registry to disable the Shut Down button**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Winlogon\ShutdownWithoutLogon

This value should be set to 0 to force users to logon before they shut down the computer.

### **135. Disable Low Disk Warnings in Windows XP**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\Advanced\NoLowDiskSpaceChecks

Settings this to 1 will stop the OS from checking for disk space, which will also turn off the Low Disk Space balloons.



### **136. Disable 8.3 characters names on NTFS partitions**

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\FileSystem\NtfsDisable8dot3NameCreation

Set this DWORD value to 1 to stop NTFS systems from creating 8.3 character filenames.

### **137. Disable multi-user editing in Microsoft Word 2002**

HKEY\_CURRENT\_USER\Software\Microsoft\Office\10.0\Word\Options\NoPromptToForkDocuments

Set this DWORD value to 1 to disable multi-user editing

### **138. Disable the search assistant in Microsoft Internet Explorer (IE) 6.0**

HKEY\_CURRENT\_USER\Software\Microsoft\Internet Explorer\Main\Use Search Asst

Settings this to NO will disable the search assistant

### **139. Disable the Windows Explorer search assistant in Windows XP**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\CabinetState\Use Search Asst

Setting this String value to NO will disable the search assistant

### **140. Edit registry to read all e-mail as plain text**

HKEY\_CURRENT\_USER\Software\Microsoft\Office\10.0\Outlook\Options\Mail\ReadAsPlain

Set this DWORD value to 1 will force Outlook XP SP1 to read all email as Plain Text.

### **141. Overwrite Deleted Information in Microsoft Outlook 2000/2002**

HKEY\_CURRENT\_USER\Software\Microsoft\Office\10.0\Outlook\PST (subkey for Outlook 2002)

HKEY\_CURRENT\_USER\Software\Microsoft\Office\9.0\Outlook\PST (subkey for Outlook 2000)

Set the DWORD value PSTNullFreeOnClose to 1 to instruct Outlook to remove the deleted data every time you close the application, then click OK

### **142. Stop unwanted user access by turning off cached logins**

HKEY\_LOCAL\_MACHINE\Software\Microsoft\Windows NT\CurrentVersion\Winlogon\CachedLogonsCount

Set this to 0 to disable cached logins. This means that you must authenticate with a domain controller.



### **143. Change location of Print Spooler**

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\Print\Printers\Default  
SpoolDirectory  
(Windows NT/2000/XP)

Change this to any location you want

### **144. Increase the priority of the print spooler**

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\Print\SpoolerPriority

Set this DWORD value to 1

### **145. Right-click to encrypt**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\  
Explorer\Advanced\EncryptionContextMenu

Setting this DWORD value to 1 will allow you to encrypt a file when you right-click on it.

### **146. Shut Down Your Computer When Event Log is Full**

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\  
Control\Lsa\CrashOnAuditFail

Setting the value to 1 will cause the computer to crash when the log is full. Setting it to 0 will disable this feature.

### **147. Force NT Kernel to stay resident in Memory**

HKEY\_Local\_Machine\SYSTEM\CurrentControlSet\Control\Session Manager\  
Memory Management\DisablePagingExecutive

Setting this value to 1 will cause the NT Kernel to stay resident in memory. This might speed up the performance of your operating system.

### **148. Disable EFS in Windows XP**

HKEY\_LOCAL\_MACHINE\Software\Microsoft\Windows NT\CurrentVersion\  
EFS\EfsConfiguration

Set this DWORD value to 1 to disable EFS.

### **149. Reset Unread Email Counter on the Windows XP Welcome Screen**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\UnreadMail\<  
email address> Message Count



Set this value to 0 will reset the unread-email counter on the Windows XP Welcome screen.

### **150. Remove Unread Email Counter from the Windows XP Welcome Screen**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\UnreadMail\MessageExpiryDays

Setting this DWORD value to 0 will stop the XP Welcome screen from showing the number of unread messages.

### **151. Remove the DFS tab from Windows Explorer**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer\NoDFSTab

Set this DWORD to 1 to remove the DFS tab from Windows Explorer so that you can prevent users from changing properties on local DFS shares.

### **152. Disable Windows 2000's Scheduled Tasks drag-and-drop functionality**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Policies\Microsoft\Windows\TaskScheduler5.0\DragAndDrop

Set this DWORD value to 1 disable the Drag and Dropt functionality of the Scheduled Tasks folder.

### **153. Reinstall Outlook Express 6.0**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Active Setup\Installed Components\{44BBA840.....}\IsInstalled

Set this DWORD value to 0 will make Windows think that Outlook Express 6 is not installed. You should then be able to reinstall Outlook Express 6.

### **154. Load Balancing Your Network Cards**

HKEY\_Local\_Machine\SYSTEM\CurrentControlSet\Services\NetBT\Parameters\RandomAdapter

HKEY\_Local\_Machine\SYSTEM\CurrentControlSet\Services\NetBT\Parameters\SingleResponse

Set these values to 1 to enable load balancing if you have more than 1 network card. Changing the values to 0 disables this ability.



### **155. Keep Dial-up Connections Running When You Log Off**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Winlogon\KeepRASConnections

Setting this STRING value to 1 will keep an active dial-up connection connected when a user logs off.

### **156. Suppress the Standard Machine Beep Noise**

HKEY\_CURRENT\_USER\Control Panel\Sound\Beep

Set this value to no to stop your system from beeping with system-level events.

### **157. Change the Location For Storing Your Crash Dump**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\DrWatson\CrashDumpFile

Change this location to a location of your choice where you want to store any Crash Dump files created by the system.

### **158. Disable Task Manager**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Policies\System\DisableTaskMgr  
(Windows NT/2000/XP)

Set this value to 1 to disable Task Manager for your users. A value of 0 will enable Task Manager.

### **159. Enable File And Directory Name Completion**

HKEY\_CURRENT\_USER\Software\Microsoft\Command Processor\CompletionChar  
(Windows NT/2000/XP)

Set this REG\_DWORD to 9. Now when you type the first few letters of a file or folder name and press [Tab] on the keyboard, the OS automatically completes the path. If you press [Tab] again, it will go through several files and folders that match the same pattern. This applies only to Cmd.exe and not any other command-line environments.

### **160. Specify which disk-error-checking utility I want to use in Windows 2000 and later**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\MyComputer\ChkDskPath

Set this to the path of the program you'd like to use for disk-checking.

### **161. Disable Fast Shutdown**

HKEY\_LOCAL\_MACHINE\System\CurrentControlSet\Control\Shutdown\FastReboot





Change this value to 0 to disable fast shutdown in Windows 98.

### **162. Save Notepad Settings**

HKEY\_CURRENT\_USER\Software\Microsoft\Notepad\SavePageSettings

Set this value to 1 to save Notepad settings.

### **163. Save Notepad Window Position**

HKEY\_CURRENT\_USER\Software\Microsoft\Notepad\SaveWindowPositions

Set this value to 1 to save Notepad window position.

### **164. End Tasks Automatically**

HKEY\_CURRENT\_USER\ControlPanel\Desktop\AutoEndTasks

Set this to 1 to automatically end tasks instead of seeing the End Task prompt, when an application is waiting to close.

### **165. Disable Windows Messenger**

HKEY\_LOCAL\_MACHINE\Software\Policies\Microsoft\Messenger\Client\PreventRun  
(Windows XP)

Set this DWORD value to 1 to prevent Windows Messenger from running

### **166. Disable Windows 2000 Web Printing**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Policies\Microsoft\Windows NT\Printers\DisableWebPrinting

Set this DWORD value to 1 to disable web printing in Windows 2000.

### **167. Windows Media Player 7 Automatic Updates**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Policies\Microsoft\WindowsMediaPlayer\DisableAutoUpdate

Set this DWORD value to 1 to disable automatic updates. Set it to 0 to enable automatic updates

### **168. Configure Microsoft Internet Explorer start and search pages**

HKEY\_CURRENT\_USER\Software\Microsoft\Internet Explorer\Main\Search Bar  
HKEY\_CURRENT\_USER\Software\Microsoft\Internet Explorer\Main\Search Page  
HKEY\_CURRENT\_USER\Software\Microsoft\Internet Explorer\Main\Start Page

Changes these values to customize your start and search pages



### **169. Configure multiple concurrent IE download sessions to one server?**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\MaxConnectionsPer1\_0Server

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Internet Settings\MaxConnectionsPerServer

Set these DWORD values to the hexadecimal value for the number of connections you desire

### **170. Edit Disk Space Warning Message**

HKEY\_LOCAL\_MACHINE\System\CurrentControlSet\Services\LanmanServer\Parameters\DiskSpaceThreshold

Set this REG\_DWORD value to the integer within the range of 0 to 99. This number represents the percentage of free space on the hard drive. When the free space drops below this percentage, the event is triggered.

### **171. Remember Windows XP Customized Folders**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\Shell\BagMRU

Set this DWORD value to be the number of folders you want XP to remember

### **172. Remove Windows XP Notification Area**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer\NoTrayItemsDisplay

Set this DWORD value to 1 to hide the Windows XP notification area

### **173. Stop Windows from caching a .dll file after I close the program that was accessing it**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\AlwaysUnloadDLL

Set this DWORD value to 1 to unload DLLs immediately when a program is closed.

### **174. Disable the Windows Installer rollback functionality**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Installer\DisableRollback

HKEY\_CURRENT\_USER\Software\Policies\Microsoft\Windows\Installer\DisableRollback

Set this DWORD value to 1



### **175. Configure all Windows Installer installations to run with elevated privileges**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Policies\Microsoft\Windows\Installer\AlwaysInstallElevated

HKEY\_CURRENT\_USER\Software\Policies\Microsoft\Windows\Installer\AlwaysInstallElevated

Set this DWORD value to 1  
registry subkey.

### **176. Change the system font**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows  
NT\CurrentVersion\GRE\_Initialize

Change the "FONTS.FON"="vgasys.fon" value to be the font name you wish to display

### **177. Disable Last Access Time Stamp in NTFS**

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\FileSystem\NtfsDisableLastAccessUpdate

Change this DWORD value to 1 if you want to stop an NTFS volume from updating the LastAccess time stamp for every directory browsed

### **178. Set a limit on message recipients in Microsoft Exchange 5.5**

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\MSExchangeIS\Parameters\System\Max Recipients On Submit

Set this DWORD value to the maximum number of recipients you wish to allow.

### **179. Automatically log onto your workstation**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows  
NT\CurrentVersion\Winlogon\

"DefaultUserName"="YourLogon"

"DefaultDomainName"="YourDomain"

"AutoAdminLogon"="1"

"DefaultPassword"="YourPassword"

Change DefaultUserName, DefaultDomainName, and DefaultPassword to values specific to your network.

### **180. Disable the Log Off Computer button**

HKEY\_CURRENT\_USER\SOFTWARE\Microsoft\Windows\CurrentVersion\Policies\Explorer\StartMenuLogoff



Set this DWORD value to 1 to remove the Log Off button. Set it back to 0 if you want people to be able to log off the computer

### **181. Disable the Turn Off Computer button**

HKEY\_CURRENT\_USER\SOFTWARE\Microsoft\Windows\CurrentVersion\Policies\Explorer\NoClose

Set this DWORD value to 1 to remove the Turn Off button. Set it back to 0 if you want people to be able to turn off the computer

### **182. Remove the Network tab from Windows Media Player (WMP) 8 and later**

HKEY\_CURRENT\_USER\Software\Policies\Microsoft\WindowsMediaPlayer\HideNetworkTab

Set this DWORD value to 1 to remove the Network tab in the Windows Media Player 8 and later Options window

### **183. Stop users from installing Windows Installer files for removable media**

HKEY\_CURRENT\_USER\Software\Policies\Microsoft\Windows\Installer\DisableMedia

Set this DWORD value to 1

### **184. Protect against DoS attacks**

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\Tcpip\Parameters\SynAttackProtect

This setting protects against a SYN flood attack. Set to a value of 0, 1, or 2 for increasing levels of protection. The higher the value, the more delay Windows adds to connection attempts, causing TCP connection timeouts.

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\Tcpip\Parameters\EnableDeadGWDetect

Set to 0 to prevent the computer from switching to a different gateway, which could otherwise occur if a DoS attack is in progress. A value of 1 allows the gateway switch.

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\Tcpip\Parameters\EnablePMTUDiscovery

Set to 0 to prevent a hacker from forcing an MTU change to a small value and bogging down the TCP/IP protocol stack. Windows uses an MTU value of 576 bytes for all nonlocal connections with this setting at 0. Set to 1 to allow MTU discovery.

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\Tcpip\Parameters\KeepAliveTime

Set this value (in milliseconds) to a relatively low number to decrease the length of time Windows sends a keep-alive packet to a remote computer to determine if the connection is still valid. Microsoft recommends a value of 300,000, or five minutes.



These are all DWORD values

### **185. Prevent computer from releasing its NetBIOS name**

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\Netbt\Parameters  
\NoNameReleaseOnDemand

Set this to 1

### **186. Change Wait to Kill Server Timeout**

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\  
Control\WaitToKillServiceTimeout

Change this to the number of milliseconds to wait before killing a service when Windows NT is shutting down

### **187. Disable the Windows XP Tour prompt**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\  
CurrentVersion\Applets\Tour\RunCount

Set this DWORD value to 0

### **188. Disable importing or exporting their Microsoft Internet Explorer (IE) Favorites**

HKEY\_CURRENT\_USER\Software\Policies\Microsoft\Internet  
Explorer\DisableImportExportFavorites

Set this DWORD value to 1

### **189. Disable Outlook 2002's Persistent View**

HKEY\_CURRENT\_USER\Software\Microsoft\Office\10.0 or  
11.0\Outlook\Options\PersistViewSelection

Set this DWORD value to 0. This will stop Outlook 2002 and later from remembering the item you last had selected in a mail folder.

### **190. Clear the Google Toolbar search history**

HKEY\_CURRENT\_USER\Software\Google\NavClient\1.1\History

Delete this key to clear the search history

### **191. Remove the Properties item from the Recycle Bin's context menu**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer\NoPropertiesRecycleBin



HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Policies\Explorer\NoPropertiesRecycleBin

Set this DWORD value to 1.

## 192. Hide drive letters in My Computer

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer\Servers\NoDrives

Edit this DWORD value. Using the list below, type a number that corresponds to the drive you want to hide:

A: 1

B: 2

C: 4

D: 8

E: 16

F: 32

To hide other drive letters that we didn't list, follow the pattern of doubling the number for each successive drive. For example, drive G: would have a value of 64.

To hide multiple drives, add the values together. For example, to hide drives A: and B:, use a value of 3. If you want to hide all drive letters, use a value of 67108864.

## 193. Stop Internet Links from Opening in Internet Explorer (IE) Sessions

HKEY\_CURRENT\_USER\Software\Microsoft\Internet Explorer\Main\AllowWindowReuse

Set this DWORD value to 0 to force Windows to open a new IE session when a link is clicked from another application in Windows

## 194. Stop Internet Explorer (IE) from creating the Links folder under the Favorites menu

HKEY\_CURRENT\_USER\Software\Microsoft\Internet Explorer\Toolbar\LinksFolderName

Clear the value data for this. Then start IE and delete the Links folder from the Favorites menu.

## 195. Disable the Internet Explorer (IE) script debugger

HKEY\_CURRENT\_USER\Software\Microsoft\Internet Explorer\Main\Disable Script Debugger

Set the value data to "yes" to disable the script debugger



### **196. Prevent users from running Cmd.exe**

HKEY\_CURRENT\_USER\Software\Policies\Microsoft\Windows\System\DisableCMD

Set this DWORD value to 1

### **197. Hide Date and Time Information in the System Tray Notification Area**

(contributed by David Chernicoff, david@winnetmag.com)

In the May 29 issue of Windows Client UPDATE, I showed you how to make registry changes in Windows XP to hide the icons in the notification area of the system tray from users. A few readers responded that they want to keep the icons but hide date and time information because it occupies so much space. Doing so is easy with the following registry change:

1. Launch regedit.
2. Open HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\policies\Explorer
3. Create a HideClock value of type REG\_DWORD and set the value to 1.
4. Exit regedit and reboot the computer.

### **198. Hide a server from network browsers**

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\LanmanServer\Parameters\Hidden

Set this DWORD value to 1

### **199. Remove the Manage context-menu option for My Computer**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer\NoManageMyComputerVerb

Set this DWORD value to 1

### **200. Configure the Recovery Console (RC) to not require the administrator password**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\WindowsNT\CurrentVersion\Setup\RecoveryConsole\SecurityLevel

Set this to 1

### **201. Change Backup Interval of the DHCP database**

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\DHCPServer\Parameters\BackupInterval

Change this to the number of minutes desired between backups.





## **202. Prevent DNS spoofing**

HKEY\_LOCAL\_MACHINE\System\CurrentControlSet\Services\DNS\Parameters\SecureResponses.

Set this DWORD value to 1

## **203. Disable the F3 key search capability for Windows Explorer and Internet Explorer (IE)**

HKEY\_CURRENT\_USER\Software\Policies\Microsoft\Internet Explorer\Restrictions\NoFindFiles

Set this DWORD value to 1

## **204. Keep a particular user from appearing on the Welcome Screen**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Winlogon\SpecialAccounts\UserList\

Create a new DWORD value with the exact same username as the person you want to hid. Set this value to 0.

## **205. Recording The Reason For A System Shutdown In XP**

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Reliability\ShutdownReasonUI

Set this DWORD value to 1

## **206. Modify the title text of Windows Media Player (WMP)**

HKEY\_CURRENT\_USER\Software\Policies\Microsoft\WindowsMediaPlayer\TitleBar

Set this STRING value to be what you want the title to be

## **207. Change the number of undo levels in Microsoft Excel 2000 and later**

HKEY\_CURRENT\_USER\Software\Microsoft\Office\10.0\Excel\Options\UndoHistory (Excel 2002)

HKEY\_CURRENT\_USER\Software\Microsoft\Office\9.0\Excel\Options\UndoHistory (Excel 2000)

Set this DWORD to a value from 0 to 100

## **208. Change the number of undo levels in Microsoft Access 2002**

HKEY\_CURRENT\_USER\Software\Microsoft\Office\10.0\Access\Settings\Number of Undos

Set this DWORD to a value from 1 to 20



### **209. Stop Microsoft Outlook 2002 from caching the Internet Mail Service (IMS) passwords**

HKEY\_CURRENT\_USER\Software\Policies\Microsoft\Office\10.0\Outlook\Security\EnableRememberPwd

Set this DWORD value to 0

### **210. Clear the Windows Run Most Recently Used List**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\RunMRU

Delete this key to delete the most recently used list in the Run dialog box

### **211. Prevent Windows Media Player (WMP) 8.0 and later from maintaining recent-files list**

HKEY\_CURRENT\_USER\Software\Microsoft\MediaPlayer\Preferences\AddToMRU

Set this BINARY value to 00 to disable the list or 01 to enable it

### **212. Clear Windows Media Player (WMP) 8.0 and later Most Recently Used List**

HKEY\_CURRENT\_USER\Software\Microsoft\MediaPlayer\Player\RecentFileList  
HKEY\_CURRENT\_USER\Software\Microsoft\MediaPlayer\Player\RecentURLList

Delete these keys

### **213. Empty your Windows NT Documents During Log Off**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer\ClearRecentDocsOnExit

Set this value to 1

### **214. Configure Windows XP Searches to Default to Your Preferences**

HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\CaseSensitive  
IncludeSubFolders  
SearchHidden  
SearchSlowFiles  
SearchSystemDirectories

Set these values to 1 to enable or 0 to disable

### **215. Run commands automatically when a console opens**

HKEY\_LOCAL\_MACHINE\Software\Microsoft\Command Processor\Autorun



Enter a command here that you want to run startup for all command console sessions

## 216. Increase logon timeout for slow networks

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\Netlogon\ExpectedDialupDelay

Set this DWORD value to the number of seconds you want to wait for a response from the server. You can set the value at anywhere between 0 and 600 seconds.

## 217. Add Internet time servers to Windows XP

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\DateTime\Servers

Right-click the Servers key, and select New | String value.  
Name the value 3, and press [Enter] twice to access the Edit String Value dialog box.  
Type the address of the SNTP time server in the Value Data text box, and click OK.  
Repeat Steps 3 through 5 for each additional SNTP time server you want to add, incrementing the value name each time: 4, 5, 6, and so on.

## 218. Optimize the Server service for memory use or network throughput

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\lanmanserver\parameters\Size

Change the value to 1 to minimize memory use, 2 to balance memory and network throughput, or 3 to maximize network throughput

## 219. Configure System Cache Setting

HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Control\Session Manager\Memory Management\LargeSystemCache

Set this to 0 for desktop mode or 1 for server mode

## 220. Customize the Windows Messenger Startup Message

HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\MessengerService\Policies\IMWar

Set this REG\_SZ to the message you want to appear when Windows Messenger starts