



GENESIS32 – Secure Desktop Advanced Registry Settings



APPLICATIONS NOTE

April 2010

Description: Guide to editing your registry to limit desktop access permissions

OS Requirement: Win 2000, XP Pro, Server 2003, Vista, Server 2008, Windows 7

General Requirement: Thorough knowledge of the registry, .reg files, and how to back up the registry. Administrative privileges are required to edit the registry.

Introduction

You can edit the registry to limit certain desktop access permissions. This document will guide you though how to do this. However, please be cautious when you edit the machine registry. You should **NOT** do this unless you have a good understanding of what you are doing.

Securing your Desktop from Registry

1. Create a text file and save it as Lockout.reg. You can copy and paste the following into the file:

REGEDIT4

```
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Policies]
```

```
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer]
"NoDriveTypeAutoRun"=dword:00000095
"NoFind"=dword:00000001
"NoFolderOptions"=dword:00000001
"NoFolderOptions"=dword:00000001
"NoFavoritesMenu"=dword:00000001
"NoRecentDocsMenu"=dword:00000001
"NoSetActiveDesktop"=dword:00000001
"NoDesktop"=dword:00000001
"NoSetFolders"=dword:00000001
"NoSetTaskbar"=dword:00000001
"NoSaveSettings"=dword:00000001
"NoClose"=dword:00000001
"NoNetHood"=dword:00000001
"NoRun"=dword:00000001
"NoDrives"=dword:00000001
"NoTrayContextMenu"=dword:00000001
"NoViewContextMenu"=dword:00000001
```

```
[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Policies\System]
"DisableLockWorkstation"=dword:00000001
"DisableTaskMgr"=dword:00000001
"DisableChangePassWord"=dword:00000001
```

2. Determine which drives you want the user to be able to access and then change the value of the "NoDrives" line accordingly. For Example:

To give access to only Drive C:

"NoDrives"=dword:fbffff03

To give access to drives C and D:

"NoDrives"=dword:f3ffff03

To give access to drives A to F:

"NoDrives"=dword:c0ffff03

3. Determine if you want a compact disc to start automatically when you place it in the CD-ROM drive. If you do not want this to happen, change the "NoDriveTypeAutoRun" to: "NoDriveTypeAutoRun"=dword:b5000000

4. Determine if you want to enable the user to log off or to shut down the computer. You can disable these by adding one or both of the following lines:

"NoClose"=dword:00000001

"NoLogoff"=dword:00000001

5. Save the file and exit.
6. Create a new Windows User. Setup the Start menu structure that you want the user to see. Log on as the new user and set up the environment (screen savers, background, etc)
7. Find the file you created in the steps above (Lockout.reg) and double-click it.

NOTE: Performing the above step will make changes to your Registry. You may want to back up your Registry before double-clicking on the Lockout.reg file.

8. Log off and log back on as the same user. You will notice that the desktop is empty and the start menu only has the shortcuts that you configured in Step 5.
9. It is impossible to remove the help item from the start menu. You can disable this by creating a text file named Windows.hlp to replace the existing file of the same name in the WindowsNT\System32 folder



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Additional Information

Table 1 - Discussed Registry Keys

| Registry Value | Description |
|--------------------|--|
| NoDriveTypeAutoRun | Prevents CD-Rom drive from funning automatically |
| NoFind | Removes the Find Option from Start Menu |
| NoFolderOptions | Removes the Folder Options menu item from the Settings menu |
| NoFavoritesMenu | Removes the Favorites folder from the Start menu |
| NoRecentDocsMenu | Removes the Documents option from the Start Menu |
| NoSetActiveDesktop | Removes the ActiveDesktop item from the settings menu |
| NoDesktop | Hide all items on desktop |
| NoSetFolders | Remove folders from Setting/Start Menu |
| NoSetTaskbar | Removes Taskbar from Settings/Start Menu |
| NoSaveSettings | Does not save settings at exit |
| NoClose | Disables Shut-Down command |
| NoNetHood | Hides Network Neighborhood |
| NoRun | Removes Run command from Start menu |
| NoDrives | Hides drives in My Computer |
| NoTrayContextMenu | Removes context menus for tray including the start button, tab control, and clock |
| NoViewContextMenu | Removes the context menu when you right-click the desktop or when you right-click Explorer in the results pane |

NOTE: NoRecentDocsMenu and NoRecentDocsHistory requires installation of Active Desktop, otherwise they do not work.