How to Disable IPv6 and Teredo in Windows 7

Written by Rudy
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Steps to Disable IPv6 stack and Teredo Tunnelling Protocol in Windows 7

There are privacy issues abounds related to the Windows 7 implementation of IPv6. I won't get into them here, I'm assuming if you're reading this page, you are aware of these issues and wish to disable it.

If you need a desk reference for tweaking Windows 7, consider Windows 7 Tweaks: A Comprehensive Guide   . It's a lot better than the
O'Reilly Windows 7 book
, and it's cheaper too.

(NOTE: *You must be logged in as a Administrator to make these changes*.)

To Disable IPv6 stack:

1. Open the Registry Editor. (Start -> type "regedit" in search box)
2. Find the following key:

  - HKEY_LOCAL_MACHINESYSTEMCurrentControlSetServicesTcpip6Parameters

3. Right-click on "Parameters", and select "New", and then "DWORD (32-bit) value"
 4. Enter the following in the resulting window:

  - DisabledComponents

5. Modify the DisabledComponents key by right-clicking it. Enter the following hexadecimal value:

  - 0xffffffff

Upon entering this value, it may display as "0x41ffffff".

Some web pages say you should enter a "0" here, but that actually will enable IPv6.

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To Disable Teredo Tunneling Protocol:

1. Click Start -> Control Panel
2. Click System and Security
3. Click Device Manager (the UAC prompt will appear, click OK)
4. In the Device Manager Windows, click View -> Show Hidden Devices
5. Find the Teredo Tunneling Pseudo-Interface in Network Adapters
6. Right-click Teredo Tunneling Pseudo-Interface, and select Disable.