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The following tweaks are focused towards increasing local network performance under Windows XP/2k/2k3 Server. They can be used in addition to all the [broadband](#) tweaks, if you are on a [LAN](#). All information in this article presumes some proficiency in editing the Windows Registry. Even though we extensively test all our tweaking recommendations, use of the below information is at your own risk.

## Disable Network Task Scheduler (LAN Browsing Speedup)

This tweak disables searching networked computers for scheduled tasks. It reduces the long wait when opening network folders. To apply this tweak, find the following key:

**HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\RemoteComputer\NameSpace\{D6277990-4C6A-11CF-8D87-00AA0060F5BF}**

Here are registry files you can merge to directly apply/undo this tweak:

[sq\\_lan\\_speedup.reg](#)

[undo\\_sq\\_lan\\_speedup.reg](#)

*Note: You might want to export the key before deleting, then to revert the changes, simply merge your exported reg file.*

*Removing the second sub-key in HKLM\....\NameSpace that looks like:*

*{2227A280-3AEA-1069-A2DE-08002B30309D} disables checking for network printers.*

## Increase Request Buffer Size (reduce network delay)

In higher [latency](#) Network environments, delays may be encountered with the default request buffer size (4356 decimal). The range of this parameter is 1024 - 65535 bytes. Testing has shown that, in most standard [Ethernet](#) environments, 16384 (decimal) is a better choice, if memory is available. This tweak only applies to LANs, and helps with slow browsing of large directories.

To change this setting, edit:

**HKEY\_LOCAL\_MACHINE\System\CurrentControlSet\Services\LanmanServer\Parameters** and Add Value name **SizReqBuf** as a type REG\_DWORD, increase its (decimal) value to 16384 or even higher and restart the computer for changes to take effect.

Here is the [MS KB Article 320829](#) that describes the procedure as well.

## Increase Network Redirector Buffers (better network performance)

If you increase the number of network redirector buffers it may considerably increase your network [throughput](#). Each extra execution thread that you configure will take 1K of additional nonpaged pool memory, but only if your applications actually use them.

To configure additional buffers and threads, edit:

**HKEY\_LOCAL\_MACHINE\System\CurrentControlSet\Services\LanmanWorkstation\Parameters** Modify or Add

Value of type REG\_DWORD for:

**MaxCmds=dword:00000064** - range is 0 - 255 and the default value is 15. Set to a higher number, try 64 for starters.

**MaxThreads=dword:00000064** - set to the same value as **MaxCmds**.

**MaxCollectionCount** in the same key is a DWORD buffer for character-mode named pipes writes. You might want to increase it from the default 16 as well, its' range is 0 - 65535.

## No shares in my My Network Places

Speed up Windows Explorer and network browsing by stopping automatic shares in "My Network Places"

By default, Windows 2k/XP/2k3 tries to read icon information from shortcuts in the "My Network Places" folder, accessing remote files on the network, and causing a very slow system response. Every time you open a file in a remote shared folder, or a file via a UNC name, Windows will automatically add another shortcut to "My Network Places", making the problem worse with time. To resolve this:

Navigate to:

**HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer** and add a new DWORD value:

**NoRecentDocsNetHood=1** (set it to 1 to disable remote shared folders from being added to Network Places).

Depending on your OS, it might also be possible to modify this by accessing the Group Policy Object Editor. To use this method to achieve the same effect:

- Go to Start > Run > type: gpedit.msc

- In the GPOE, navigate to: User Configuration > Administrative Templates > Desktop > Enable "Do not add shares of recently opened documents to My Network Places"

Notes:

The above might also work by adding the same key to the HKLM Registry hive here, but we have not tested it: **HKLM\Software\Microsoft\Windows\CurrentVersion\Policies\Explorer\NoRecentDocsNetHood=1**. The MS Group Policy Editor adds the entry to **HKEY\_CURRENT\_USER**.

For additional info, see: [MS TechNet - NoRecentDocsNetHood](#)



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### User Reviews/Comments:

rate:  -- rating -- avg: ★★★★★

by dcharles\_here - 2005.12.13 05:32

Disable Network Task Scheduler

I didn't find that key where you described. I searched the registry for it and found it under **HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Shell extensions\Approved Data** was scheduled tasks..is this the same ??

Thanks

by karyoka - 2005.12.18 06:04

newbie ask: is Increase Network Redirector Buffers decimal or hexadecimal ?

by Philip - 2005.12.18 11:58

dcharles\_here: If the "Disable Network Task Scheduler" path is not in your registry, it simply means it's already been removed, and there is nothing more to do. The **HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Shell extensions\Approved** path is not the same.

karyoka: it is in decimal.

by soforttt - 2006.03.02 12:11

For karyoka. It 's not a decimal, because if you see the dword, it 's 000064. With a decimal value it is 000040. Exuse me, i'm Italian, i speack a little english!!!

by pantoja - 2006.03.24 12:54

Karyoka:

is DECIMAL... or you can try with 40 or 64... doesn't matters...



Si el valor maximo es 255, significa que es en rango decimal. como quiera, intenta con uno u otro valor... y trata de medir rendimiento para ver con cual te quedas.

by Raja - 2006.04.09 10:45



★★★★★

Thank you for information about - How to disable the scheduled task in my network place or shared folders

regards  
MRP

 **by karyoka**  - 2006.05.12 06:57

thanks guys !

 **by pyrotech702**  - 2006.07.06 21:04

Increase Network Redirector Buffers

I added the 2 commands MaxCmds & MaxThreads But what would be a good setting for MaxCollectionCount  
And is that going in the same place as the other 2 under parameters

Thank Pyrotech702

 **by anonymous**  - 2006.08.26 16:15


nice its working.

i have 2 PC, win 2003 and 2nd is xp client. so all the setting apply first win 2003 and now its working. i have  
dlink hub. before my max. speed is 990 KB/s but after i get 1.05 MB/s. its stable. but xp don't change.


many thanks.

 **by anonymous**  - 2006.11.10 00:17

under Increase Network Redirector Buffers do you add those and if so are decimal or hexidecialm

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exec. time: 0.11226 s

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