

## Re: VPN equals slow network folder access

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*Source:*

[http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.work\\_remotely/2007-02/msg00113.html](http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.work_remotely/2007-02/msg00113.html)

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- *From:* Jerry <Jerry@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
  - *Date:* Mon, 26 Feb 2007 07:45:05 -0800
- 

The settings are different between direct connection at work and VPN connection from home.

At work I have a 10.25.xx.xx DHCP address. The default gateway is also a 10.25.xx.xx. There are two DNS servers: 10.20.xx.xx and 10.30.xx.xx. The primary and secondary WINS servers are the same as the DNS servers.

At home the VPN has a fixed 10.0.xx.xx address. The default gateway is the same address. There are two DNS servers, both 192.168.0.xx. These are also the WINS servers. I did change the Netbios option from the automatic option.

I deleted the shortcuts you suggested. Pressing F5 in My Network Places finished immediately– no hangs. None of these improved the situation.

I then added in the default gateway and DNS/WINS servers that are used at work and made sure they were first in the appropriate list. This has improved the situation. Opening the mapped folder I normally access now takes 20–30 seconds vs. the 1–2 minutes it was previously taking. Another, larger mapped folder takes about a minute vs. the up to 5 minutes it was taking previously.

"Rune Flo" wrote:

Hmmm,

My first suspicion here was name resolution, at home – have you checked that name servers for DNS and WINS are set correctly (compare with office settings. Use ipconfig/all). Make sure Netbios is enabled for your VPN connection (WINS tab in TCP/IP Advanced properties).

Then, try deleting all shortcuts in "%userprofile%\Application Data\Microsoft\Office\Recent" folder, this will impact Open/SaveAs dialogue boxes when shortcut reference unavailable targets. At last try refresh (F5) in "My Network Places" and look for "hang" on any shortcut's here, delete "hanging" shortcut (right click/delete; may take loooong time before pop-up appear)

Re: VPN equals slow network folder access

Regards,

Rune.

"Jerry" <whoisit@xxxxxxxxxxxx> wrote in message  
[news:uXvhkjHVVHA.1552@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:uXvhkjHVVHA.1552@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Actually it does happen with mapped drives as well as UNC paths.

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Jerry

Rune Flo wrote:

Hi Jerry,

If name resolution works, have a look at this KB "You experience significant delays when you use network shortcuts on a computer that is running Windows XP SP2"  
<http://support.microsoft.com/kb/918204>

Significant impact on slow links, fast links with network "latency" and obvious VPN through broadband connections. Measurement (here) by "Netmon" shows an improvement as high as 18:1.

Regards,

Rune.

P.S. Mapped network drives do not experience this delay.

"Jerry" <Jerry@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
[news:D2B98714-758C-4FB0-9D00-D12503B8961F@xxxxxxxxxxxxxxxxxxxx](mailto:news:D2B98714-758C-4FB0-9D00-D12503B8961F@xxxxxxxxxxxxxxxxxxxx)

I did have to reduce the MTU from 1472 to 1272. Neither that nor any of the other suggestions on that site seem to have made a difference. Any other suggestions?

"Robert L [MVP – Networking]" wrote:

It could be the computer browser and name resolution issue too. You may try to browse it using the IP instead of the name. Also

Re: VPN equals slow network folder access

even the DSL  
line can be 1.5 MB, the  
upload may be less than  
1MB. This search result  
may help too.

VPN slow issues  
VPN slow issues  
Client can log on but  
can't browse the  
LAN or browse the ...  
Symptom 5: The download  
is very slow on VPN  
client after establishing the  
VPN. ...

<http://www.chicagotech.net/vpnslow.htm>

Bob Lin, MS-MVP, MCSE  
& CNE  
Networking, Internet,  
Routing, VPN

Troubleshooting on  
<http://www.ChicagoTech.net>

How to Setup Windows,  
Network, VPN & Remote  
Access on

<http://www.HowToNetworking.com>

"Jerry"

<Jerry@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

[news:DDC3F041-4A08-4947-A987-7321C0BB31FA@xxxxxxxxxxxxxxxxxxxx](mailto:news:DDC3F041-4A08-4947-A987-7321C0BB31FA@xxxxxxxxxxxxxxxxxxxx)

I have a work laptop  
running XP Pro. When I'm  
at work access to our  
internal  
network is fine- no more  
than several seconds to open  
any folder on  
our  
network.

At home I connect the  
laptop to my 1.5M DSL  
connection via ethernet  
cable.

Once booted I use VPN to  
connect to the work  
network. Local work on  
my PC  
operates as normal, no slow  
down. Outlook is a bit

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slower, but  
acceptable,  
when retrieving and opening  
mail which i attribute to the  
connection  
being  
slower than the internal  
work network. Likewise  
Internet Explorer is  
a bit  
slower on intranet sights.  
But opening any internal  
network folder  
literally  
takes minutes instead of  
seconds. During that time all  
Explorer  
windows are  
essentially locked up.

What's causing the delay?  
My IT department just  
blames it on "the  
Internet"  
out I don't understand how.  
I've watched the network  
connection with  
perfmon  
and don't see any noticeable  
increase in traffic except for  
a very  
small  
spike when I first double  
click the folder. Is there  
really that much  
traffic  
when opening a folder that  
the combination of the  
slower internet  
connection  
and internet vagueries can  
affect times on the order of  
50–100 times  
or more?

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