

Re: A RAS/VPN "Is it just me?" question

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2004-03/5376.html>

From: Kiran Otter (*kiranotter_at_hotmail.com*)

Date: 03/16/04

Date: Tue, 16 Mar 2004 09:34:18 -0500

"Jim Behning SBS MVP" <jimbehningmvp@mindspring.com> wrote in message news:8s0d501k0jimng0m2p8bqab4s4umihc8qcl@4ax.com...

> *Grabbing at straws. What is the ip of your remote workstation, the ip
> the vpn gets assigned and the ip of the network at the office? Weird
> things happen if your home network ip is the same as the office
> network. Maybe post and ipconfig/all >ipconfig.txt to see if anyone
> sees anything weird.*

I had a problem where RAS was unable to get a lease from DHCP, but fixed that. There was no binding to the LAN adaptor in DHCP. The server is giving VPN clients addresses in the 192.168.16.x range (usually 10-20). The workstation has the address of 192.168.0.20, and the DSL at home gets a dynamic address around 68.215.96.51. I have the same DSL service at work, but the workstation address is 192.168.100.x.

At work, connected to the VPN through our DSL, an ipconfig looks like this:

Ethernet adapter Local Area Connection:

```
Connection-specific DNS Suffix . :  
Description . . . . . : Intel(R) PRO/100 VM Network Connection  
Physical Address. . . . . : 00-02-A5-DD-34-94  
Dhcp Enabled. . . . . : Yes  
Autoconfiguration Enabled . . . . : Yes  
IP Address. . . . . : 192.168.100.31  
Subnet Mask . . . . . : 255.255.255.0  
Default Gateway . . . . . : 192.168.100.7  
DHCP Server . . . . . : 192.168.100.1  
DNS Servers . . . . . : 192.168.100.1  
Lease Obtained. . . . . : Tuesday, March 16, 2004 8:47:30 AM  
Lease Expires . . . . . : Thursday, March 18, 2004 8:47:30 AM
```

PPP adapter Connect to Small Business Server:

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Connection-specific DNS Suffix . : CCFFLL.local
```

microsoft.public.windows.server.sbs: Re: A RAS/VPN "Is it just me?" question

Description : WAN (PPP/SLIP) Interface
Physical Address. : 00-53-45-00-00-00
Dhcp Enabled. : No
IP Address. : 192.168.16.10
Subnet Mask : 255.255.255.255
Default Gateway : 192.168.16.10
DNS Servers : 192.168.16.2
Primary WINS Server : 192.168.16.2

My workstation is currently part of a W2K server network. It is not connected to the SBS 2003 server via the LAN.

> *What are mp3s doing on the server? I search and delete those but that
> is just me. But a good transfer test I suppose.*

Just grabbed one for use as a test. :)

> *Run Spybot Search and Destroy with the latest definitions at home.*

I do this religiously and did last night just to check. Nothing was found.

> *The last few installs have asked for one license key but Outlook has
> it's own key. True for my Action Pack and an open license set I have
> for a non profit. I have a couple of SBS retail but unwilling to open
> the seals on them.*

I have the Action Pack too, I may try that. Seems odd though that they'd give you a CD and no product key.

> *vpn pptp uses 1723 and gre 47. Something weird happen with someone's
> router?*

It's a D-Link DI-604 here at work, and it has specific options for VPN. I also opened port 1723 to no avail. I'm a bit unclear what GRE47 is.. I read it's not port 47 but a protocol. I have tried bypassing the D-Link and my router at home, nothing changed. Could be the Cisco router on the T1.. I'll poke our T1 provider about that. As far as I know, it's wide open. But it does stand to reason it's this T1 router since if I bypass it (and the rest of the net) everything is fine.

Thanks for your help Jim.

Kiran

>
> *Kiran Otter <kiranotter@hotmail.com> wrote:*
>
> *>During a copy, the data flow appears to just stop, then the copy times out.
> >Copying a 8M MP3 isn't a problem and takes under 2 minutes. It seems to
> >have to do with .dll and .exe files. If I just right-click a 47k exe file,
> >it takes 4-5 minutes for the menu to appear. I thought the WinRAR context
> >menu had something to do with that, but I just tried the right-click again*

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> >and it's.. been going 5 minutes and I'm still waiting.
> >
> >The other thing is, I never see the correct icon for exe files. It's always
> >the basic Windows icon. (Looks like a little window.) The only time they
> >appear correctly is when I connect via the VPN directly through the switch
> >for the T1.
> >
> >I also had another question. The Outlook 2003 CD that came with the SBS
> >prompts me for a product key. The only product key I have (other than 3
> >CALs) is the one for SBS, and it didn't like that. So I took a copy from
> >the ClientApps of Outlook 2003 and I'm trying it at home, but it won't
> >connect through RPC. I found something about changing the time-outs in the
> >registry, but it points you to a RPC section under ...\\11.0\\Outlook, and
> >there isn't one. My guess at this point is that the copy off the server
> >has RPC disabled so you don't have users inadvertently enabling it when
> >they're on the local LAN.
> >
> >And the right-click I did earlier? I'm still waiting for it. But meanwhile
> >I can Terminal Service into the server, visit the Remote Web Workplace and
> >read emails via the web without a problem. I'm fine if I never touch an
> >.exe through a mapped drive in Explorer! :)
> >
> >Thanks,
> >
> >Kiran
> >
> >
> >
> >
> >Jim Behning SBS MVP<jimbehingmvp@mindspring.com> wrote in
> >news:ugnc505b5g4rdrg0kr18d21m5ik3o3l16e@4ax.com:
> >
> >> What happens when you do file copies? Trying to run an exe is a kind
> >> of tough test because you don't know what all it is trying to pull or
> >> push to you. Note that your dsl upload speed restricts everything. My
> >> dsl is about 200 k upload and I lose about 25% with the vpn tunnel. My
> >> av updates take a bit of time at home and at most of my remote offices
> >> accounts. Do a dsl reports speed test to see what you adsl is giving
> >> you before you do more vpn testing.
> >>
> >> I do laptop and remote computer installs from a cd or at the home
> >> office before they go out in the field.
> >>
> >> "Kiran Otter" <kiranotter@hotmail.com> wrote:
> >>
> >>>I have a 2003 SBS connected to a 768K T1. IIS, Terminal Services, and
> >>>surfing the web while connected via RAS/VPN are reasonably fast.
> >>>(Downloading a driver from HP came through at about 30K/sec.)
> >>>
> >>>What's not fast are simple explorer file copies. And here's one in
> >>>particular:

> >>>

> >>>>*On the SBS, in the ClientApps/Outlook 2003 folder, there's a
> >>>>setup.exe. Simply right-clicking this file hangs Explorer for about
> >>>>4-5 minutes before the context menu appears. During that time, the
> >>>>connection is busybusy transferring data. That setup.exe is about
> >>>>400K. (Update: I turned off the context menus from WinRAR.. and it's
> >>>>faster, down to about a minute, but that's still slow.)*

> >>>

> >>>>*Also a (don't laugh) attempt to install Outlook 2003 over the VPN
> >>>>failed during the file copy, saying it couldn't access a file. And an
> >>>>attempt to just copy that folder locally through the VPN failed.*

> >>>

> >>>>*So, is it just me or is this normal? :)*

> >>>

> >>>>*A direct VPN through the T1 switch, eliminating our DSL and T1 ISPs
> >>>>and routers works fine. I've tried the workstation both at home and at
> >>>>work, two different DSL routers, even tried being on the DMZ, no
> >>>>difference.*

> >>>

> >>>>*Thanks for your help.*

> >>>

> >>>>*Kiran*

> >>>

> >>>

> >>

> >> *Jim B. SBS MVP*

> >> *remove the mvp to send email*

> >>

>

> *Jim B. SBS MVP*

> *remove the mvp to send email*