

Re: Is it possible to establish a VPN for road warriors using XP home and a machine running win2000 pro

Re: Is it possible to establish a VPN for road warriors using XP home and a machine running win2000 pro

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2007-08/msg00425.html

- *From:* "Sooner AI [MVP]" <SoonerAI@xxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 24 Aug 2007 07:39:11 -0500
-

"Jeff VA" <jcvanallen@xxxxxxxx> wrote in message
<news:1187912681.800150.292340@xx>

On Aug 23, 8:42 am, Jeff VA <jcvanal...@xxxxxxxx> wrote:

On Aug 23, 8:06 am, "Sooner AI [MVP]"
<Soone...@xxxxxxxxxxxxxxxxxxxxxxxx>
wrote:

> "Jeff VA" <jcvanal...@xxxxxxxx> wrote in message

> <news:1187830779.883097.101390@xx>

>> Hi,

>> I work for a small company that has a number of field technicians and
>> a small central office. The field technicians use laptops running
>> windows xp home edition. Most of the techicians connect to the
>> internet via wireless connections (D-Link DI-524's being the most
>> popular at the moment) The computer in the office is a Dell >> Precision
>> 650 running Windows 2000 Professional.

>> Is it possible to establish a VPN using this equipment / operating
>> systems?

>> I've attempted to connect using the "Incoming Connections" in 2000 >>
and

>> the "Connect to a network at my workplace" option in the New
>> Connection Wizard (XP Home). (If so I've just got something
>> misconfigured) When I try to connect, the process stalls for several
>> minutes at the "Verifying user name and password" dialog, then
>> eventually reports "Error:721 the remote computer did not respond..."

Re: Is it possible to establish a VPN for road warriors using XP home and a machine running win2000 pro

Re: Is it possible to establish a VPN for road warriors using XP home and a machine running win2000 pro

>> I understand that XP Home isn't designed to authenticate against a
>> domain, but would that cause this error?

>> If that option isn't workable, can Open VPN be used to establish the
>> connection? I don't understand the difference well between the two
>> technologies, but if OpenVPN uses ca certificates for authentication,
>> would that circumvent the issue of trying to get XP Home to log in to
>> the "server".

>> Thanks in advance,

> Remember you need TCP Port 1723 open on any firewall between the
server > PC
> and the client. Also the firewall must pass GRE Protocol 47 traffic. > You
can
> test that using the tests detailed in the PPTP Ping and VPN Traffic >
sections
> on this page...

><http://www.microsoft.com/technet/community/columns/cableguy/cg0105.mspx>

> You could use OpenVPN as an alternative. I had it running on a XP Pro >
box
> (server) and an XP Pro (client).

> What do the field techs need to access through the VPN? Ie. shared > files
or
> actual desktops, etc? Secure Shell (SSH) may also be an alternative...

> --

> Al Jarvi (MS-MVP Windows Networking)

> Please post *ALL* questions and replies to the news group for the
> mutual benefit of all of us...
> The MS-MVP Program -<http://mvp.support.microsoft.com>
> This posting is provided "AS IS" with no warranties, and confers no
> rights...

Al,

Thanks for the reply, I'll work through the testing as outlined on the
page you sent. As it happens, we're "Cable Guys", we build/maintain
fiber/coax cable systems. The techs need to be able to access a
couple of Access databases, and shared excel workbooks. Emailing
multiple copies of the same workbooks back and forth has led to
confusion and missed billing. I'm trying to eliminate the confusion.

I'll follow up once I've worked through the "testing network paths"
instructions.

Thanks for now

Re: Is it possible to establish a VPN for road warriors using XP home and a machine running win2000 pro

Re: Is it possible to establish a VPN for road warriors using XP home and a machine running win2000 pro

Thanks again for the guidance, I've made good progress to date, but some work left to do....

The following was completed with an XP home laptop and the Win 2000 Pro server operating within the same LAN...

After reading through the Cable Guy article on testing network paths, I downloaded the Windows XP Service Pack 2 Support Tools from

<http://www.microsoft.com/downloads/details.aspx?amp;displaylang=en&familyid=49ae8576-9bb9-4126-976>

Since the tools won't install on Windows 2000 Pro, I installed them on the XP home machine and then copied the pptpsrv executable over to the server.

On the server I navigated to Control Panel => Administrative Tools => Services and disabled the "Routing and Remote Access Service

I then started the pptpsrv tool on the server, and ran the pptpclnt tool on the laptop. The tools showed that I had good communication on port 1723, but the server didn't receive any GRE traffic.

After realizing that protocol 47 is NOT the same as Port 47, I navigated to the VPN section of the D-Link support page and found out how to configure the router to pass this protocol...

"In Virtual Server make 1 entry for your PPTP/GRE connection. Use TCP port 1723 and forward to your MS VPN (PPTP/GRE) server. This has to be TCP (not UDP or Both). After applying settings, check Firewall section for a TCP 1723 entry and a PPTP_GRE entry. Now connect to your WAN IP address using your MS VPN client from the WAN (this will not work from LAN using the WAN IP to loopback to LAN). "

With this done, I ran the pptpsrv and pptpclnt tools again, and both the communication on port 1723 and the GRE tests were successful..

On the laptop, I created a new connection, and can now log into the vpn from home.

I still have to figure out how to map the server shares as network drives, but that's another post.

Thanks again,

If your not running a WINS server on your office network then an alternative is to use a lmhosts file on the VPN clients. Then you can address shares using the UNC in the form \\ComputerName\ShareName. Here is an example lmhosts file and the MS guidance...

Re: Is it possible to establish a VPN for road warriors using XP home and a machine running win2000 pro

Re: Is it possible to establish a VPN for road warriors using XP home and a machine running win2000 pro

<http://theillustratednetwork.mvps.org/Vista/PPTP/Examplelmhosts.txt>

<http://support.microsoft.com/kb/314884/en-us>

Good luck...

--

Al Jarvi (MS-MVP Windows Networking)

Please post **ALL** questions and replies to the news group for the mutual benefit of all of us...

The MS-MVP Program – <http://mvp.support.microsoft.com>

This posting is provided "AS IS" with no warranties, and confers no rights...

.

Re: Is it possible to establish a VPN for road warriors using XP home and a machine running win2000 pro