

Re: VPN Client

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2006-02/msg01613.html>

- *From:* "Adam Hudson" <abmudson@xxxxxxxxxxx>
 - *Date:* Thu, 9 Feb 2006 13:47:38 +1100
-

Hi Crina

Thanks for your help. I spoke to Netgear who advised me that GRE Protocol is enabled. I worked out that you had to have Port 1723 open on both ends and not just the server side. Once I opened Port 1723 on the external computer it allowed the VPN connection to work.

I am wondering as I have not tried this as yet, if you want to have 3 staff situated in an interstate office all VPN in at one time, can this happen? They will all be VPNing from the same Internet connection. I dont think will work as you need to tell the router which local IP Address to send Port 1723 to and I dont think you can tell it 3 different IP Address for Port 1723 but I may be wrong.

Regards

Adam

""Crina Li"" <v-crinal@xxxxxxxxxxxxxxxxxxxxxx> wrote in message news:hi09FsRLGHA.608@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi Adam,

Thanks for your update.

As I know, to enable GRE Protocol 47 is based on the router. Some router has no such function. For detailed configuration, you may need to contact the hardware vendor.

Also I provide the following KB articles for your reference:

241251 VPN Tunnels – GRE Protocol 47 Packet Description and Use
<http://support.microsoft.com/default.aspx?scid=kb;EN-US:241251>

241252 VPN Tunnels – PPTP Protocol Packet Description and Use
<http://support.microsoft.com/default.aspx?scid=kb;EN-US:241252>

888201 You receive an "Error 721" error message when you try to establish

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a

VPN connection through your Windows Server-based remote access server
<http://support.microsoft.com/default.aspx?scid=kb:EN-US:888201>

Thanks for your time and I look forward to hearing from you.

Best regards,

Crina Li (MSFT)

Microsoft CSS Online Newsgroup Support

Get Secure! – www.microsoft.com/security

=====
This newsgroup only focuses on SBS technical issues. If you have issues regarding other Microsoft products, you'd better post in the corresponding newsgroups so that they can be resolved in an efficient and timely manner.

You can locate the newsgroup here:

<http://www.microsoft.com/communities/newsgroups/en-us/default.aspx>

When opening a new thread via the web interface, we recommend you check the

"Notify me of replies" box to receive e-mail notifications when there are any updates in your thread. When responding to posts via your newsreader, please "Reply to Group" so that others may learn and benefit from your issue.

Microsoft engineers can only focus on one issue per thread. Although we provide other information for your reference, we recommend you post different incidents in different threads to keep the thread clean. In doing

so, it will ensure your issues are resolved in a timely manner.

For urgent issues, you may want to contact Microsoft CSS directly. Please check <http://support.microsoft.com> for regional support phone numbers.

Any input or comments in this thread are highly appreciated.

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| From: "Adam Hudson" <abmudson@xxxxxxxxxxxx>
| References: <ubvYuSBLGHA.2704@xxxxxxxxxxxxxxxxxxxxxx>
<Xq#bdZHLGHA.608@xxxxxxxxxxxxxxxxxxxxxx>
| Subject: Re: VPN Client
| Date: Thu, 9 Feb 2006 12:01:29 +1100
| | Newsgroups: microsoft.public.windows.server.sbs
| |

Re: VPN Client

| How so you enable IP Protocol 47? I have forwarded port 1723 to the server
| through the modem but still cant work out where to configure IP Protocol 47..
|
|
| ""Crina Li"" <v-crinal@xxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
| news:Xq%23bdZHLGHA.608@xxxxxxxxxxxxxxxxxxxxxxxx
| > Hi Robert,
| >
| > Thank you for posting in SBS newsgroup.
| >
| > From your description, my understanding on this issue is: you cannot
| > establish the VPN connection to the SBS server by using the
| > 'Connection
| > Manager' from external clients. If I have misunderstood your concern,
| > please do not hesitate to let me know.
| >
| > Would you please help me confirm if you have followed the steps below
| > to
| > configure VPN access on an SBS environment?
| >
| > 1. Run CEICW, follow the wizard and select Enable firewall and then make
| > sure Virtual Private Networking (VPN) is selected in the Services
| > Configuration page. And make sure you have typed the public FQDN of the
| > SBS
| > server on the Web Server Certificate page.
| > 2. Run Remote Access Wizard in Server Management\Internet and
| > E-mail\Configure Remote Access, and select VPN access in the Remote
| > Access
| > Method page. After finishing this wizard, RRAS is configured to allow
| > inbound VPN access, and it can assign IP addresses to the VPN clients
| > by
| > using DHCP.
| >
| > Note: When we run the remote access wizard to set up the VPN service,
| > we
| > need to input the public IP address or the public FQDN of the SBS
| > server.
| > We need to make sure that the address can be accessed from the
| > internet.
| >
| > 3. On the VPN client, go to <https://publicFQDN/remote>, clear I'm using
| > a
| > public or shared computer, log in and download Connection Manager.
| > 4. Install Connection Manager on the VPN client.
| > 5. Is there a hardware router installed in front of the SBS server? If
| > so,
| > ensure that the port forwarding for TCP 1723 and GRE port (protocol

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number

|> 47) are opened. PPTP VPN is negotiating a connection on TCP port 1723 and

|> send data to and from the PPTP server using the GRE protocol (IP Protocol

|> 47, 0x2F if you are looking in Network Monitor). You should open port 1723

|> on the router and also make sure IP Protocol 47 is allowed.

|>

|> For detailed information, you can refer to the following KB articles:

|>

|> 323381 How to Allow Remote Users to Access Your Network in Windows Server

|> 2003

|> <http://support.microsoft.com/?id=323381>

|>

|> 323441 How To Install and Configure a Virtual Private Network Server in

|> Windows

|> <http://support.microsoft.com/?id=323441>

|>

|> If you still cannot establish the VPN connection, please help me to

|> collect

|> the following information for troubleshooting the problem:

|>

|> 1. What's the VPN server name you entered when you ran the Remote Access

|> Wizard? Can you ping that name from the external client? The VPN server

|> name should be the public FQDN or the public IP address of the SBS server.

|> 2. Can you create VPN to SBS through new connection wizard on My Network

|> Places on external client?

|> 3. Get the IPCONFIG /ALL results when Creating VPN on client computer and

|> SBS.

|> 4. Can you ping the server name and IP from the problematic client?

|> 5. Would you please post a screen shot to newsgroup?

|>

|> I am appreciated your time and I look forward to hearing from you.

|>

|> Best regards,

|>

|> Crina Li (MSFT)

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|> Microsoft CSS Online Newsgroup Support

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|> =====

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|> rights.
|> -----
|> | From: "Robert Craig" <craigrobert@xxxxxxx>
|> | Subject: VPN Client
|> | Date: Tue, 7 Feb 2006 10:31:05 -0800
|> | | Newsgroups: microsoft.public.windows.server.sbs
|> | |
|> | I'd say about 9 out of 10 tries to VPN to my server from another
|> | location
|> | fails. The connection just sits at verifying username and password
and
|> | eventually gives up. Sometimes the error is the remote computer did
not
|> | respond, the other is the server and client could not agree on a
PPTP
|> | connection. What could be wrong?

