

RE: VPN

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2005-12/msg00855.html>

- *From:* v-edtian@xxxxxxxxxxxxxxxxxxxxxxxx (Edward Tian)
 - *Date:* Mon, 05 Dec 2005 06:53:11 GMT
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Hi:

Thanks for posting to SBS newsgroup. I am sorry for the delayed response due to weekend. Please understand that the newsgroups are staffed weekdays by Microsoft Support professionals to answer your systems and applications questions. Your understanding is greatly appreciated!

What's the error message you received when the VPN connection failed, 721, 800 or anyone else?

Generally speaking, to allow the VPN traffic pass through, we need to enable TCP port 1723, as well as an additional IP port 47 (GRE protocol) on the router. When a cable/DSL router cannot map GRE protocol 47 to the Routing and Remote Access server, you cannot connect to the server from the Internet.

To enable the VPN function on the SBS Server, please open Server Management console and navigate to 'Internet and E-mail' snap-in. Click 'Configure Remote Access' to enable the VPN service. Note: Please enter the public IP address or valid domain name on the VPN Server Name page. (Please make sure the domain name can be resolved to the public IP address).

In addition, can you VPN to the SBS Server from internal client? You can refer to this KB article to configure the VPN connection on the XP client computer (You can use the internal IP address of the SBS since the client is inside the LAN):

305550 How to configure a VPN connection to your corporate network in Windows XP Professional

<http://support.microsoft.com/default.aspx?scid=kb;EN-US;305550>

More reference:

888201 You receive an "Error 721" error message when you try to establish a VPN connection through your Windows Server-based remote access server

<http://support.microsoft.com/default.aspx?scid=kb;EN-US;888201>

319108 Error Message: VPN Connection Error 800: Unable to Establish Connection

<http://support.microsoft.com/default.aspx?scid=kb;EN-US;319108>

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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>

Meanwhile, to verify whether the router is the root cause, please do the following steps:

- a. Please temporarily place a client directly connected to the external NIC of the SBS Server. You can connect the external network adapter of the SBS Server to a simple hub and connect the client to the same hub.
- b. Manually configure the TCP/IP settings on the client computer to be on the same subnet as the external network adapter of the SBS Server.
- c. Turn off the Firewall Client on the client computer. (if installed)
- d. Configure the VPN connection on the client and do a VPN test.

Does this problem persist?

Moreover, I suggest you contact the vendor of the hardware router to see if the product supports VPN or they could provide any useful information.

Hope the above info helps. Please feel free to let me know if you have any questions or concerns.

Have a nice day!

Best Regards
Edward Tian(MSFT)
Microsoft CSS Online Newsgroup Support

Get Secure! – www.microsoft.com/security

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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

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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: "mike" <mike@xxxxxxxxxx>
| Subject: VPN
| Date: Sun, 4 Dec 2005 22:12:07 -0000
| Lines: 21
| Organization: Microsoft Forums
| X-Priority: 3
| X-MSMail-Priority: Normal
| X-Newsreader: Microsoft Outlook Express 6.00.2800.1158
| X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2800.1165
| Message-ID: <uw60A\$R#FHA.3308@xxxxxxxxxxxxxxxxxxxxxx>
| Newsgroups: microsoft.public.windows.server.sbs
| NNTP-Posting-Host: 82-38-29-71.cable.ubr01.brad.blueyonder.co.uk
82.38.29.71
| Path: TK2MSFTNGXA02.phx.gbl!TK2MSFTNGP08.phx.gbl!TK2MSFTNGP11.phx.gbl
| Xref: TK2MSFTNGXA02.phx.gbl microsoft.public.windows.server.sbs:227633
| X-Tomcat-NG: microsoft.public.windows.server.sbs
|
| I have 3 sites to connect via VPN
|
| At the site with SBS 2003 I have a Linksys ADSL Router
| At home I have a Netgear Router
| My boss has a Dynamode ADSL Router
|
| The SBS2003 is STD edition
|
| Is a basic ADSL Router sufficient on SBS
| (I've just started working here 2 months ago and the kit was already in
| place)
| I've never done VPN!!
|
| Do I need to do anything special at the Routers
| Are there any docs on VPN
| My boss also needs access to a Unix box we have next to the SBS (same
| network)
|
| Any pointers much appreciated
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|
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- **References:**

- ◆ [VPN](#)

- ◇ *From:* mike

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