

# RE: need to allow a VPN connection from inside SBS environment

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2005-09/msg01684.html>

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- *From:* v-brancee@xxxxxxxxxxxxxxxxxxxxxxxx ("Brandy Nee [MSFT]")
  - *Date:* Wed, 07 Sep 2005 06:51:04 GMT
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Hello Jon,

Thank you for posting to the SBS Newsgroup.

I understand that you want to know how to configure a laptop in the SBS 2K3 domain to VPN to a remote office. If I have misunderstood your concern, please let me know.

Due to lack of detail information, I need your help to gather the following information for research:

1. You mentioned "laptop uses fiberlink and nortel software to create the vpn connection". I need to what Application does the remote office use for VPN connection, Fiberlink, Nortel?
2. You mentioned "When trying to connect, it errors out". Did you get any error message when the connection failed? If yes, please copy and paste the full content of the full content of the error message to the Newsgroup.
3. Do you have ISA server installed? If yes, what is the version of the ISA server, ISA 2K or ISA 2K4? What is your Network Topology? For example:

{Remote Office} {Router} {ISA} {NIC1} {SBS 2K3} {NIC2} {Internal Clients}

For your additional information:

You can pass the Nortel Extranet Access Client software through ISA server if the Nortel Contivity switch is running with one of the newest firmware version 04\_05.024 or later and you use the newest client software version 4.65 or later. This is what you need to do at the Contivity Switch:

- a. On the configuration page's left side, click on "Services", then "IPSEC". Toward the middle of page is the setting "NAT Traversal". Check to have it enabled and set it on UDP port 4500 (strongly recommended).
- b. Once the above step is done, go to "Profiles", then "Groups". Under a designated group where you want NAT Traversal enabled, click on "Edit."

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Under the section "IPSEC", click on "Configure." At the very bottom of the page, make sure "Auto-Detect NAT" is selected and keep the "NAT Keepalive" setting at 18 seconds.

If the VPN administrator have set the NAT Traversal port on something else than UDP port 4500 (i.e. UDP port 10001), you need to adopt the IPSec NAT-T protocol definition accordingly or create a new one and add it to the IPSec Passthrough protocol rule.

In addition, if the internal VPN client software (behind ISA) and the remote VPN server BOTH support NAT-T, then you need to apply Q818043, create the following protocol definitions, and then enable the corresponding protocol rules for outbound traffic to allow the outbound L2TP/IPSEC outbound VPN connection:

IPSec IKE  
UDP 500  
Send Receive

IPSec NAT-T protocol  
UDP 4500 Send Receive

IPSec NAT-T  
UDP 10001  
Send Receive

818043 L2TP/IPSec NAT-T Update for Windows XP and Windows 2000  
<http://support.microsoft.com/?id=818043>

For more detail information, please see:

How to pass IPSec traffic through ISA Server  
[http://www.isaserver.org/articles/IPSec\\_Passthrough.html](http://www.isaserver.org/articles/IPSec_Passthrough.html)

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I am appreciated your time, and am looking forward to hearing from you!

Best regards,

Brandy Nee

Microsoft CSS Online Newsgroup Support

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Get Secure! – [www.microsoft.com/security](http://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 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: live2wheel@xxxxxxxxxxx  
>Newsgroups: microsoft.public.windows.server.sbs  
>Subject: need to allow a VPN connection from inside SBS environment  
>Date: 6 Sep 2005 16:17:55 -0700  
>Organization: <http://groups.google.com>  
>Lines: 25  
>Message-ID: <1126048675.000829.320820@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
>NNTP-Posting-Host: 24.23.37.169  
>Mime-Version: 1.0  
>Content-Type: text/plain; charset="iso-8859-1"  
>X-Trace: posting.google.com 1126048682 27705 127.0.0.1 (6 Sep 2005 23:18:02 GMT)  
>X-Complaints-To: groups-abuse@xxxxxxxxxxx  
>NNTP-Posting-Date: Tue, 6 Sep 2005 23:18:02 +0000 (UTC)  
>User-Agent: G2/0.2  
>X-HTTP-UserAgent: Mozilla/4.0 (compatible; MSIE 6.0; Windows NT 5.1; SV1; Media Center PC 3.0; .NET CLR 1.0.3705),gzip(gfe),gzip(gfe)  
>Complaints-To: groups-abuse@xxxxxxxxxxx  
>Injection-Info: g14g2000cwa.googlegroups.com; posting-host=24.23.37.169;  
> posting-account=W7slig0AAADqhUvILxdfsNdBelXj1cps  
>Path:

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TK2MSFTNGXA01.phx.gbl!TK2MSFTNGP08.phx.gbl!newsfeed00.sul.t-online.de!t-online.de!news.glorb.com!postnews.google.com!g14g2000cwa.googlegroups.com!not-for-mail

>Xref: TK2MSFTNGXA01.phx.gbl microsoft.public.windows.server.sbs:151280

>X-Tomcat-NG: microsoft.public.windows.server.sbs

>

>Hello,

>

>I am new to the server platform and am having a challenge. I have recently installed a SBS for my growing business. My wife has a laptop that she uses for her unrelated business. She has a need to establish a VPN connection to her main office. Her laptop is not part of the SBS domain.

>

>When I put her laptop in my office and plug it in the sbs gives it an appropriate ip and allows the laptop access to the internet. The laptop uses fiberlink and nortel software to create the vpn connection. When trying to connect, it errors out. As soon as i bypass my sbs it works fine.

>

>Cable modem

>SBS server external nic

>SBS server internal nic

> wireless router inside network dhcp off

> VOIP router inside network dhcp off

> 4 client computers

> 2 media center, 1 xp pro, 1 pda

>Thanks,

>

>jon

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• *Follow-Ups:*

◆ ***Re: need to allow a VPN connection from inside SBS environment***

◇ *From:* live2wheel

• *References:*

◆ ***need to allow a VPN connection from inside SBS environment***

◇ *From:* live2wheel

• Prev by Date: ***Re: Migrating Off of SBS***

• Next by Date: ***RE: Assigning CALs***

• Previous by thread: ***need to allow a VPN connection from inside SBS environment***

• Next by thread: ***Re: need to allow a VPN connection from inside SBS environment***

• Index(es):

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