

Re: VPN via Wireless Broadband

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2007-05/msg04545.html>

- *From:* v-terliu@xxxxxxxxxxxxxxxxxxxxxx (Terence Liu [MSFT])
 - *Date:* Tue, 29 May 2007 09:31:26 GMT
-

Hello Bilbo,

Thank you for your kind update.

I'm glad to hear that you had resolved the printer issue.

Please understand that our newsgroup is an issue based service, meaning we usually respond to one question/issue per post. This will lessen the confusion for both of us, as well as ensure that our results are accurate and not a result of a test for a different question. Therefore, regarding the additional question (offline files), I suggest you create a new post for getting more quick assistance.

Additional, then you connection to SBS with VPN (slow link), the XP client will detect the slow link, and will automatic use the offline mode. If you enable the synchronize offline folders, the logon will cost long time.

Some info for your reference:

Only the Offline Files Are Displayed When You Use a Remote Access or Virtual Private Network Connection

<http://support.microsoft.com/kb/290523>

Please do not hesitate to post in this great newsgroup if you need any assistance in the future. I look forward to working with you again.

Thank you and have a nice day,

Best regards,

Terence Liu(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

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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: Bilbo <wlp<faux>fake<at>email<dot>hal-pc.org>
| Subject: Re: VPN via Wireless Broadband
| Date: Mon, 28 May 2007 12:51:22 -0500
| Message-ID: <744m531oiht09mdamdd06f25n8mqv5djf4@xxxxxxx>
| References: <mbs953h3n7qpop0khr7hmg6oha4jkad382@xxxxxxx>
<xB6ZSiQoHHA.5168@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
| X-Newsreader: Forte Agent 1.93/32.576 English (American)
| MIME-Version: 1.0
| Content-Type: text/plain; charset=ISO-8859-1
| Content-Transfer-Encoding: 8bit
| Newsgroups: microsoft.public.windows.server.sbs
| NNTP-Posting-Host: h-67-101-67-246.hstqtx02.dynamic.covad.net
67.101.67.246
| Lines: 1
| Path: TK2MSFTNGHUB02.phx.gbl!TK2MSFTNGP01.phx.gbl!TK2MSFTNGP04.phx.gbl
| Xref: TK2MSFTNGHUB02.phx.gbl microsoft.public.windows.server.sbs:39864
| X-Tomcat-NG: microsoft.public.windows.server.sbs

| Thanks Terence.

| It turns out that the printer was installed improperly.
| Fixing that solved the client's problem with the printer.

| However, the client now reports that he cannot Synchronize offline
| folders. I've seen it succeed once but have been unable to make it
| run to completion since.

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| I don't know how timing-sensitive VPN connections are. The printer
| can do a test print and responds to ping but Synchronize doesn't work.
| I've been considering trying to tweak MTU but it seems to me that the
| default VPN MTU ought'a work just fine.

| Here's the usual error message:

| >
| > Offline Files (\\servername\Users on servername): Unable
| > to connect to ?\\servername\Users.? The specified network
| > name is no longer available.?

| >
| Browsing to the User shared folder from the client doesn't work. It
| just doesn't open so the sub-folders aren't visible.

| The user account has full administrator privilege. I've checked the
| shares on the server and SYSVOL is there and one can use Windows
| Explorer on the server to open the User shared folder via
| \\servername\Users\Client. It would seem to me that there is no
| problem with share visibility, permissions, access rights, etc. Also,
| all these connections from ethernet LAN clients work just fine.

| And all the while, the printer on the LAN is available to the VPN
| client.

| The WLAN provider is Cingular (ATT) but the reception area IS
| marginal.

| Any suggestions gratefully appreciated.

| Bilbo

| On Mon, 28 May 2007 09:14:14 GMT, v-terliu@xxxxxxxxxxxxxxxxxxxxx
| (Terence Liu [MSFT]) wrote:

| >Hello BilBo,

| >
| >Thank you for posting here.

| >
| >According to your description, I understand that you can not access the
| >local printer when the VPN established. If I have misunderstood the
| >problem, please don't hesitate to let me know.

| >
| >Based on my research, I suggest we try the following steps to see if we
| can

| >resolve this issue:

| >
| >Step 1: I suggest you perform the recommend steps to set VPN function on
| >SBS:

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|>1. Run CEICW on SBS

|>

|>You have to rerun the CEICW to make sure your SBS 2003 server have right network configuration. Go through the follow KB and Rerun CEICW again carefully.

|>

|>How to configure Internet access in Windows Small Business Server 2003

|><http://support.microsoft.com/kb/825763/en-us>

|>

|>2. Run Remote Access wizard

|>

|>a) On the Small Business Server 2003–based server, click To Do List in the

|>left pane of the Server Management console.

|>

|>b) Under Network Tasks, click Configure Remote Access.

|>

|>c) Click Next, click Enable Remote Access, click to select the VPN Access

|>check box, and then click Next.

|>

|>d) Type the fully qualified public domain name (your public DNS name) of your server, click Next, and then click Finish.

|>

|>e) When the wizard is completed, click Close.

|>

|>Step 2: On the VPN client, set the VPN connection as the following KB:

|>

|>How to configure a VPN connection to your corporate network in Windows XP

|>Professional

|><http://support.microsoft.com/?id=305550>

|>

|>Step 3: Not using the remote gateway on the client, to do so:

|>

|>On the remote client

|>

|>1). Double–click My Computer, and then click the Network and Dial–up Connections link.

|>

|>2). Right–click the VPN connection that you want to change, and then click

|>Properties.

|>

|>3). Click the Networking tab, click Internet Protocol (TCP/IP) in the 'Components checked are used by this connection' list, and then click Properties.

|>

|>4). Click Advanced, and then click to clear the Use default gateway on remote network check box.

|>

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|>Then test this issue again.
|>
|>If we can not resolve the issue after we perform the above steps, please
|>kindly help me collect some information for further investigation:
|>
|>1. Does the printer in remote side or in local side?
|>
|>2. Do you get any error when you access the printer? Please capture
|>screenshots on the error messages and send the pictures to me at
|>v-terliu@xxxxxxxxxxxxxx
|>
|>3. Can you access the local side share folder when the VPN connection is
|>established?
|>
|>4. Can you access the remote side share folder when the VPN connection
is
|>established?
|>
|>Hope these steps will give you some help.
|>
|>Thanks and have a nice day!
|>
|>Best regards,
|>
|>Terence Liu(MSFT)
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|>Microsoft CSS Online Newsgroup Support
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|>Get Secure! – www.microsoft.com/security
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|>-----

|>| From: Bilbo <wlp<faux>fake<at>email<dot>hal-pc.org>

|>| Subject: VPN via Wireless Broadband

|>| Date: Wed, 23 May 2007 21:11:40 -0500

|>| Message-ID: <mbs953h3n7qpop0khr7hmg6oha4jkad382@xxxxxxx>

|>| X-Newsreader: Forte Agent 1.93/32.576 English (American)

|>| MIME-Version: 1.0

|>| Content-Type: text/plain; charset=us-ascii

|>| Content-Transfer-Encoding: 7bit

|>| Newsgroups: microsoft.public.windows.server.sbs

|>| NNTP-Posting-Host: h-67-101-67-246.hstqtx02.dynamic.covad.net

|>| 67.101.67.246

|>| Lines: 1

|>| Path: TK2MSFTNGHUB02.phx.gbl!TK2MSFTNGP01.phx.gbl!TK2MSFTNGP04.phx.gbl

|>| Xref: TK2MSFTNGHUB02.phx.gbl microsoft.public.windows.server.sbs:39047

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

|>|

|>| A client has a SBS2K3 SP1 Standard server. It has DSL from an ISP and

|>| he also has a laptop with Cingular Wireless WAN card. I'm convinced

|>| there are no more ports left to open on his LAN router. The server is

|>| the usual two-NIC server acting as gateway to the LAN.

|>|

|>| We've previously established RPC over HTTP connections and things have

|>| worked pretty much as expected once we learned how to create the

|>| proper certificate (he's self-signing). Still, there are issues...

|>|

|>| After reloading WinXP SP2 on the laptop, configuring the VPN

|>| connection to SBS was trivial and I was able to synchronize his "My

|>| Documents" folder. It was about 3.5 GB and took awhile over a really

|>| poor WWAN connection. But it DID work!

|>|

|>| He's been "playing" with it and tells me he can't print to LAN

|>| printers when running the VPN connection. There are networked

|>| printers with built-in print servers not managed by SBS or any other

|>| LAN Host.

|>|

|>| As I understand W2K3 VPN, when the VPN connection is active, he should

|>| be on the same LAN subnet as his other LAN hosts and printers. That

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|>| being the case, why shouldn't he be able to print to a LAN connected
|>| printer from the laptop given he has the correct static IP address for
|>| the printer?
|>|
|>| If he can make this work, he'll then try to get his home desktop to
|>| VPN into the server via DSL to do the same kind of work.
|>|
|>| Obviously, I have a bit of a problem getting my mind around all the IP
|>| addressing issues in play when a VPN tunnel is actually established.
|>|
|>| Suggestions appreciated...
|>|
|>| --
|>| BilBo
|>|
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| --
| BilBo
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