

Re: VPN clients unable to connect to other resources.

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Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2008-03/msg00474.html>

- *From:* "Dave Nickason [SBS MVP]" <gwdibble@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 4 Mar 2008 11:34:07 -0500
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I can't think of a way to cover up for this, so I'll just admit it: I don't know squat about XP Home. Are you saying that an XP Home PC wouldn't be able to connect to a server share over VPN?

I don't think that's what we're seeing here, because I'm reading the OP to say that after connecting the VPN, he can connect to \\sbs\share but not \\clientpc\share. Can ping the SBS but not the client PCs on the same network. And he gets the same result using the IP instead of the host name. And from within the LAN, everything works as expected, attempting to connect in the same way, and with the same credentials. (And user rights aren't a factor at the point where ping fails and he gets a "path not found" error).

J Smith, are you sure you're not terminating the VPN at the SonicWall rather than the SBS? The only route the SonicWall knows is from itself to the SBS, right?

"kj [SBS MVP]" <KevinJ.SBS@xxxxxxxxxxxxxxxxxxxx> wrote in message news:OB8IpqZfIHA.4120@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

XP Home?

Dave Nickason [SBS-MVP] wrote:

I logged in to my SBS domain from home (XP, not joined to domain) and checked the IP info – what you're seeing there is normal. The default gateway matches the IP of the remote client, and DNS and WINS point to the SBS. I can go to Run -> \\hostname\sharename or \\IPAddress\sharename from remote (although it takes close to a minute to connect, and I get a password prompt the first time), and I can ping the SBS and my office desktop by name and IP.

So now the question is why you appear to be getting logged in correctly, and getting the right IP addressing, but can't connect to shares. I'm drawing a blank, but this is bugging me, so I'll keep thinking about it. You don't have any 3rd party security software on those client PCs that you can't connect to, right? If you try to RDP into one over VPN, do you get a login prompt, or do you get path not found?

This is just regular Windows VPN, right? From the remote XP box, you're just connecting a regular VPN connection to the SBS by IP or

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mail.sbs.com (or whatever), then opening Run on the remote client and trying \\john\share? And \\john\share fails while \\sbs\share succeeds?

The only thing that comes to mind right offhand is that Windows Firewall thing I mentioned earlier. That would block ping and connection to a share, but it would block it from the LAN as well as remotely. It could be inconsistent, though, showing up after some but not all reboots. This can't be something as simple as power mgmt putting that PC into sleep or hibernate, right? (Sorry for asking, but stranger things have happened).

You've compared an ipconfig /all from a LAN PC and the remote VPN client PC, right? And they match in all respects except for the subnet mask and default gateway?

"J Smith" <JSmith@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:C4517E44-2244-4299-8626-38D669025789@xxxxxxxxxxxxxxxxxxxx

Hi Dave,

After I connect to the VPN on the SBS 2003 machine I'm unable to log onto another resource on another machine. If I go to start, run, \\john\share I get the network path was not found. Like the share doesn't exist. All shares and network settings work on the LAN. We only have this problem with VPN clients. The XP clients are not part of the domain either. They are strickly home PC's. I'm wanting to use the VPN client to simply join them to our network and browse and use the network resources as they were in the LAN. I'm not missing the concept of how this functions am I? I understand that the VPN server, remote routing and access running on the SBS 2003 server manages the connections and allows the connection to come in and connect. I'm getting this far but it stops there. It's like the remote connections are not updated with the VPN route table or VPN LAN network information.

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Once the connection is successful I am able to go to Start, Run, \\192.168.2.25 and open all the shares on the server. I'm wanting to be able to do this with other PC's on the same LAN and this is what is not working. Also once connected I'm not able to use the PC name to connect either. WINS and DNS are configured and hardset on the VPN client side as well for 192.168.2.25.

Again thanks for your help and time.

"Dave Nickason [SBS MVP]" wrote:

After you connect the VPN to the SBS as expected, can you please describe what you're trying to do that's failing, and how you're trying to do it? Please post back what's failing, and the specific error message (if there is one).

For example, if you have a share on a desktop PC that you're trying to access, what happens if on the remote client, you go to Start -> Run and type in \\hostname\sharename? And if that fails, what happens when you try to do it from another machine on the SBS LAN?

I wouldn't worry about ping except in the absence of the ability to actually connect. For example, your SonicWall is probably configured to ignore pings. I would start by seeing if you can connect to a resource from within the LAN, and if not, look at the firewall settings and the remote access permissions on that machine. Besides networking, which appears to be

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working properly, you could be running up against the local machine's firewall settings, NTFS permissions, etc.

One thing to check – if you're having trouble connecting to an XP box, go to CP -> Windows Firewall and make sure it's set to use the domain settings (it'll tell at the bottom of the first page in the firewall properties). If it's set to non-domain, set the Network Location Awareness service to automatic startup, and either reboot or do a gpupdate /force. In the non-domain configuration, remote access is blocked, and so

is ping. "J Smith"

<JSmith@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

news:D8F9B880-7B16-49F0-9A73-1EF4D0A395C5@xxxxxxxxxxxxxxxxxxxx

The XP Pro clients are connecting to the SBS 2003 server. I did use the wizard to setup remote access. The clients connect to the server and can access the server shares and so forth. The IP of clients when they connect is 192.168.2.XXX matches the subnet of the 2003 server. I find it strange that the IP and Gateway match the on the network IP given by the DHCP server. I need the VPN because we have a sonicwall device that will backup client laptops on the network via VPN access. I can't ping the sonicwall device

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nor
the gateway. I need the VPN
to work for the device to
pick-up the
CDP data
protection for the remote
clients this rules out the
RWW.

"Dave Nickason [SBS
MVP]" wrote:

Are you
using the
SBS as the
VPN end
point? If
your SBS
and your
local
client PCs
are on
192.168.2.x,
your remote
clients
should be
getting an
IP
address
from the
DHCP
server on
the SBS
that's in the
192.168.2.x
subnet.

If you
haven't
already, I'd
go to the
Server
Mgmt
Console,
Internet
page,
and run the
Configure
Remote
Access

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wizard. Not
sure that'll
fix
this,
but
it's a start.

Do you
need VPN
for some
reason? If
not, why
not use
RWW
instead?

"J Smith"

<JSmith@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in
message

news:9606D119-6C75-4A7C-B5F2-FCF5ABBC1E75@xxxxxxxxxx

XP
Client
machines
that
can
successfully
connect
to
the
SBS
2003
server
via
VPN
cannot
access
other
shares
or
network
resources
outside
of
the
SBS
2003
server.
After

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connecting
to
the
VPN
server
the
IP
assigned
from
the
server
matches
the
gateway
on
the
DHCP
assigned
address
from
the
server.

IP
192.168.2.57
Gateway
192.168.2.57

I
can
ping
and
connect
to
the
server
192.168.2.25
but
I
can
not
ping
the
true
gateway
192.168.2.1
nor
ping
any
other
machine

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on
the
subnet.
The
IP
scheme
of
the
XP
Client
machines
are
192.168.1.XXX
so
I'm
pretty
sure
this
is
not
an
issue.
I
think
there
is
a
route
problem
or
misconfiguration
on
the
VPN
server.
I'm
wanting
to
be
able
to
let
the
XP
client
access
other
shares
on
a
couple

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different
locations
192.168.2.250
and
192.168.2.225.
Thanks
for
your
feedback
and
assistance.

J
Smith

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/kj