

Re: Cannot see computers by name

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2007-12/msg03249.html>

- *From:* "Claus" <cjobs@xxxxxxxxxxxxxx>
 - *Date:* Tue, 25 Dec 2007 19:46:37 -0500
-

This is a pretty good one...

http://articles.techrepublic.com.com/5100-6349_11-5034239.html

And here is one from MS... <http://support.microsoft.com/kb/119493>

Claus

"Brian" <Brian@xxxxxxxxxxxxxxxxxxxxxxxx> wrote in message

<news:F7EEA258-CC90-400E-BD15-7AAF159B193B@xxxxxxxxxxxxxxxx>

1. NetBIOS is allowed over TCP at all workstations. The VPN box itself has just a "NetBIOS enable" box that I have checked.
2. All stations are static IP with WINS server set as SBS2003 DC.

I cannot see how the server could refresh the WINS record for the remote computer after I delete the WINS record but fail to show me the remote computer in My Network Places.

Please pardon my ignorance, but what happens in My Network Places that is not WINS-related? It seems as though the workstation successfully sends its

WINS registration to the server across the VPN on (workstation) boot but that

the server fails to gain access to the workstation name information across the VPN when displaying records in My Network Places.

It is the only way I can see that would match the apparent one-way NetBIOS block that I think is being imposed by the VPN box, but I don't know enough

about NetBIOS & WINS to know if this combination of events is even possible.

Is there a document somewhere that can explain the WINS/NetBIOS information

flow for me?

"Claus" wrote:

Re: Cannot see computers by name

Have you enabled to allow NetBIOS over TCP at all sites? Did you check that WINS is supplied by your DHCP?

--

Claus

"Brian" <Brian@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:528F40CC-B16F-46B9-8E56-A43731614AE6@xxxxxxxxxxxxxxxxxxxx

One more comment: the invisible computers do appear in the WINS DB on the SBS2003 DC. When removed from the WINS DB, they reappear after running netstat -RR run at client and re-displaying records on WINS server.

I can find each of them by name if I right-click on My Network Places and Search for Computers; however, I am still unable to see the stations at the FVS318v3 VPN site remotely via My Network Places.

Still planning on swapping routers to test, but I don't think I understand NetBIOS very well...

"Claus" wrote:

Your troubleshooting is very sound and I agree that it's most likely the router. Before replacing the on router, I would probably first try to switch them so you can verify your suspicion.

--

Claus

"Brian"

<Brian@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

news:E642D648-4D82-445B-A3C6-FEB1529BF67F@xxxxxxxxxxxxxxxxxxxx

Here's the short version of the question:

Re: Cannot see computers by name

If I can ping a workstation
by its NetBIOS name across
a VPN and can
find
it
by its IP address doing a
Search for Computers in
Network Places,
but
it
does
not appear in Network
Places, what am I missing?

Here's the long version of
the same question:

SBS2003 domain.
Server & 35 workstations
local
Two remote LAN's
connected via hardware
VPN (i.e. one at host site,
one
at
each client site)
Each remote LAN has about
six workstations
Windows firewall disabled
on all stations.
DNS is correctly configured
on all workstations to point
to the SBS.
SBS
points to itself for DNS with
correct ISP forwarders.

Both VPN's work perfectly,
except for one thing. All
workstations
can
access
the server (e-mail, shared
files, printers), I can ping all
workstations,
including those across the
VPN's, from the server by
their NetBIOS
names
(and

Re: Cannot see computers by name

vice versa,
workstation-to-server), but
cannot see any of the
workstations
on
one of the remote VPN's via
Network Places. I can find
them by IP
address
but
not by name. I can see the
PC's via the other remote
VPN just fine.

The effect is that I cannot
distribute Symantec
Corporate to the
clients
on
one VPN. Symantec says,
"If you can't see
workstations in Network
Places,
then the remote client install
won't work." Well, I already
discovered
that.

So I contacted Netgear
about their VPN/router
boxes, and they tell
me
it
is
a Windows problem and
recommended that I Search
for Computers using
the
IP
addresses of the PC's. This
works but does not solve my
Symantec
problem.
I
suspect something in the
Netgear FVS318v3 VPN
box (FVS338 at host,
FVS318
at
good site, FVS318v3 at
failing site).

Re: Cannot see computers by name

Re: Cannot see computers by name

Is there anything I am
missing in Windows? My
next step is to
replace
the
failing VPN box with one
identical to the working one
& THEN go back
to
Netgear with proof of the
problem.