

Re: ISA 2004 and Point-to-point private line ... complicated!

Source: <http://www.tech-archive.net/Archive/ISA/microsoft.public.isa/2006-04/msg00171.html>

- *From:* "Asher_N" <compguy666@xxxxxxxxxxxx>
 - *Date:* Fri, 07 Apr 2006 12:54:39 -0700
-

Is it just me, or is it possible that the router simply chokes on trying to route from a public to a private address?

"TRichards" <richards@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in <news:OHm9v#mWGHA.1192@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>:

Ray,

tracert from ISA to a remote host is as follows:

```
1 <1 ms <1 ms <1 ms 201.150.65.18
2 * * * Request timed out.
3 22 ms 22 ms 22 ms 32RZ791 [192.168.1.109]
```

tracert from remote host back to a corporate host is as follows:

```
1 <1 ms <1 ms <1 ms 192.168.1.254
2 31 ms 32 ms 32 ms 192.168.0.1
3 22 ms 22 ms 22 ms <fileserver.FQDN> [201.150.65.6]
```

Why doesn't the trace from ISA show the remote routers external IP of 192.168.0.2, is this a clue?

Corporat uses subnet 201.150.65.0 but does not actually own the address. Since all is NAT'd I saw no reason to change, but will at some point in the future. The 201.150.65.18 you can ping I guess is on the real public 201.150.65.0

." <noemails@please> wrote in message <news:OCKT8clWGHA.4484@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Can I assume that the tracert from the ISA server to something on the remote network does work? You said you added the route but you didn't say whether it had been checked.

You said you had a private line to the remote office, yet the 201.150.65.18 IP address specified below is in fact pingable from the Internet.

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Ray

"TRichards" <richards@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:OvXMOMIWGHA.1192@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Ray,

Thanks for your response.
ipconfig/all on the remote hosts show the correct DNS
Domain suffix
provided by DHCP set in the router.
I originally issued the following command on the ISA server:

```
route -p add 192.168.1.0 mask 255.255.255.0 201.150.65.18  
metric 1
```

192.168.1.0 is the remote subnet, 201.150.65.18 is the
corporate
office Cisco router GW.

Any ideas?

Thanks.

." <noemails@please> wrote in message
news:uETVDrbWGHA.3332@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Are you passing the default DNS Domain
suffix by DHCP?

Does a tracert initiated from the ISA server
to something in the
remote office get routed the correct way? If
not, you'll need to
add a persistent static route on the ISA
server to send that
traffic to the Cisco router on your end of the
private line.

Ray

"TRichards"
<richards@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote in message
news:OicYpqOWGHA.4920@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

We have been running ISA
2004 SP1 here on our main
corporate
network just fine. Remote

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office and other remote users in various geographical locations use VPN connection to access corporate network. We recently added a point-to-point private T1 between main corporate office and largest remote office. Cisco 1841 routers terminate the P2P at both ends and in turn, plug directly into switches. DHCP has been setup on the remote office router with pointers back to corporate office DNS and WINS.

Ipconfig on remote office hosts show all the correct IP, SM, GW, DNS and WINS.

Remote office users can now directly connect to corporate file shares and access Internet without a VPN connection.

Remote office user problems:

=====
Outlook without VPN can no longer connect to our Exchange server.
Note: Remote office hosts can ping exchange server by it's name.
Default <http://intranet> will not resolve, but they can connect to Internet sites coming back through routers and out corporate ISA server.

Corporate servers behind ISA are SecureNAT with

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default GW
pointing to internal ISA
NIC. (Is this the
problem!?!?)
ISA external NIC GW
points to ISP, ISA internal
GW is blank.

Partial solutions:

=====
Created an access rule
called 'P2P Access' that
allows all OB,
from: Internal and Local
host, to: Internal and Local
host and all
users (recommended by M\$
during \$245 support call).

Added remote office subnet
to Internal Networks on
ISA.

Any help in this matter will
be greatly appreciated.
Thank You.