

Re: Unable to access private network from the VPN (NAT)

Source:

http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.ras_routing/2005-04/msg00025.html

- *From:* "Scott Harding" <scrockel@**NO_SPAM**hotmail.com>
 - *Date:* Fri, 1 Apr 2005 14:53:59 -0700
-

You need two interfaces on 2 different subnets for this to work.

—

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MCSE, MCSA, A+, Network+
Microsoft MVP – Windows NT Server

"Linh" <Linh@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:AA4D7CDC-F89E-4CB0-910B-0A2C94C356A0@xxxxxxxxxxxxxxxxxxxx>

> I've actually tired with only one interface... I'll give it a try again

> but

> it wasnt working before... =/

>

> Even before when I was using one interface the only way I could connect to

> specific servers was by clicking on NAT/Basic Filtering and then click on

> the

> interface ...under there you will see a Services and Ports ... I select a

> service or add a port and the ip I want to access and the next time I

> connect

> to the vpn I can access the machine.

>

> I'd like to access all machines without having to do that...

>

> thanks for all the help=) hopefully I can figure this out...

>

> "Bill Grant" wrote:

>

>> I don't understand the last bit. How can you "allow routing on port

>> 22"!

>> IP routing works on IP addresses. Port forwarding/filtering is a

>> completely

>> different thing.

>>

>> In addition, why does the server have two interfaces in the same IP

>> subnet? RRAS does funny things when this is the case. You only need two

>> interfaces if the server is directly connected to the Internet (ie one

>> public and one private). If you are behind a router, the router is the

Re: Unable to access private network from the VPN (NAT)

>> public interface.
>>
>> I would give the server just one NIC and one IP address. Forward tcp
>> port 1723 from the router to this IP address. This extends the VPN
>> connection to the server. All VPN traffic will be encrypted and
>> encapsulated
>> between the remote client and the server. After it reaches the server it
>> will be decrypted and forwarded to the LAN with its private address.
>>
>> "Linh" <Linh@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
>> news:C435BAD7-EC48-42E6-B7D6-172AFA6B735E@xxxxxxxxxxxxxxxxxxxx
>> >I have two interfaces on the windows2k3 machine. The first interface is
>> > 192.168.1.181 and the second is .182 (yes they are on the same router)
>> >
>> > I'm connecting to the VPN from an external site (some where over the
>> > internet)
>> > Yes i'm connected to the vpn! The external machine gets an internal ip
>> > address and its able to ping the interfaces on the VPN server. Not
>> > only
>> > that
>> > if I allow routing to 192.168.1.69 on port 22 I can ssh to that machine
>> > from
>> > the external computer. Yes the machine is on the VPN
>> >
>> > Its not an "internet" issue
>> >
>> > "Bill Grant" wrote:
>> >
>> >> Are you sure you are actually connecting by VPN? The symptoms you
>> >> describe fit the case when you are connecting directly through the
>> >> Internet!
>> >>
>> >> If you connect by VPN, your client should be receiving a private
>> >> IP
>> >> address. Its connection to the server should be through the "virtual"
>> >> interface of the server. Any port forwarding settings on the server
>> >> should
>> >> have no effect on this connection. The VPN traffic comes through the
>> >> "public" interface encrypted and encapsulated and is not seen by that
>> >> interface.
>> >>
>> >> "Linh" <Linh@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
>> >> news:996258F3-F8E4-4813-906B-1099206896F3@xxxxxxxxxxxxxxxxxxxx
>> >> > I'm sorry I guess I was unclear. I'm unable to access the machines
>> >> > on
>> >> > the
>> >> > private interface. I'm unable to ping them. However if I forward
>> >> > ports
>> >> > to
>> >> > these server then i'm able to connect to 192.168.1.machinIP
>> >> >

- **Follow-Ups:**
 - ◆ **Re: Unable to access private network from the VPN (NAT)**
 - ◇ From: Linh

- **References:**
 - ◆ **Unable to access private network from the VPN (NAT)**
 - ◇ From: Linh
 - ◆ **Re: Unable to access private network from the VPN (NAT)**
 - ◇ From: Scott Harding
 - ◆ **Re: Unable to access private network from the VPN (NAT)**
 - ◇ From: Linh
 - ◆ **Re: Unable to access private network from the VPN (NAT)**
 - ◇ From: Bill Grant
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- Prev by Date: **Binding order problems suddenly**
- Next by Date: **Re: Unable to access private network from the VPN (NAT)**
- Previous by thread: **Re: Unable to access private network from the VPN (NAT)**
- Next by thread: **Re: Unable to access private network from the VPN (NAT)**
- Index(es):
 - ◆ **Date**
 - ◆ **Thread**