

Re: How to enable split/full tunnel while VPNed??

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.networking/2007-07/msg00273.html>

- *From:* "Bill Grant" <not.available@online>
 - *Date:* Thu, 19 Jul 2007 21:10:47 +1000
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I can't think of any way that you can get this to work with a static pool of addresses which don't match the LAN IPs. If you read KB 254231 you will see that the subnet route matches the "received" IP. That means that the subnet route will be for 192.168.251.0/24 , not 192.168.0.0/24 . So no traffic for 192.168.0.0 IPs will go across the VPNlink if you clear the "use default gateway.." switch.

It should work if you use a static pool of addresses from 192.168.0.0 (say 192.168.0.240 to 192.168.0.249) and reserve those IPs in your DHCP scope.

There is really no way to assign a default gateway or a static route manually. What would you specify as the IP address of the interface? The interface doesn't exist until the connection is made.

"Gilbert" <Gilbert@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:33565805-DFDC-4A50-9DFE-95473218E9D3@xxxxxxxxxxxxxxxxxxxx

Yes, IP routing is enabled. There's no routes specified in the Static Routes section. I've tried to add a static route 0.0.0.0 0.0.0.0 to point to the default gateway on the LAN (192.168.0.254). I was thinking that the VPN clients should see that default route in there and route everything to that ip. It didn't seem to work.

The VPN server's local lan ips are 192.168.0.0-254 (Class C). The pool for VPN clients is 192.168.251.0-254 (class C).

"Bill Grant" wrote:

No, you cannot specify a default gateway in that case. If you clear the "use default gateway..." switch, the default gateway remains the same as

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it
was before, so that you can still access the Internet. Instead you get a
subnet route to the remote site. Is IP routing enabled on the VPN server
so
that it can route between the LAN subnet and your address pool subnet?

"Gilbert" <Gilbert@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:9511098F-5308-46CC-9F9A-F3F2E4D0E5A3@xxxxxxxxxxxxxxxxxxxx

I tried that but as soon as I do that, I can't connect to any
resources
on
the remote network.

I have a static address pool setup but I didn't see any spot in
there
where
I can specify a default gateway or dns info. (I can only input
an
address
range)

"Bill Grant" wrote:

By default a client will have its default
gateway set to the VPN
tunnel,so all non-local traffic goes over the
VPN link.. To keep your
existing gateway you clear the "use default
gateway on remote network"
in
the client's connection properties. The client
then only gets a subnet
route
through the tunnel. See KB 254231 for more
details.

"Gilbert"
<Gilbert@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote in message
news:A70A6A32-1E19-4C80-9D1C-21ECC1F8BE41@xxxxxxxxxxxxxxxxxxxx

I'm running a Windows
2003 Small Business Server
and I setup remote
access
on
it. I'm using PPTP. I've
opened up port 1723 and
GRE Protocol 47

Re: How to enable split/full tunnel while VPNed??

to
be
forwarded to the server thru
the router/firewall. I can
connect to
the
server remotely and access
internal resources. However,
I can't
Internet
when I'm VPNed in.

1. Is there a way to enable
split (sometimes called full)
tunnel so
that
I
can access the Internet while
I'm VPNed in?

2. Are users restricted to
only 1 session? What I mean
by that is
can
I
just create a user called
Remote or whatever and
then have multiple
users
use
that same account?