

Re: yet another vpn/routing question

Source:

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From: Phillip Windell (_at_)

Date: 04/27/04

Date: Tue, 27 Apr 2004 10:17:40 -0500

It sounds like the routing table is perfectly fine and you are only thinking it is wrong and in the process of trying to correct it you may be messing it up.

What you are looking at is not the Default Gateway entry. It is the Loopback Route and that is the way it is supposed to look. The Default Gateway route looks like this:

```
Destination Netmask Gateway Interface
0.0.0.0 0.0.0.0 10.146.183.253 10.146.183.251
```

These are loopback routes and should be there as they are. The one for 127.0.0.0 is the "localhost loopback". They do that same thing but one is used when you use the name "localhost" (or 127.0.0.1), and the other is used when you use the machine's name (or 10.146.183.251), but in the end they do that same thing:

```
Destination Netmask Gateway Interface
127.0.0.0 255.0.0.0 127.0.0.1 127.0.0.1
10.146.183.251 255.255.255.255 127.0.0.1 127.0.0.1
```

I suspect that your problem lies somewhere in the actual configuration of RRAS and the problem has nothing to do with the Routing table. If your network is a single subnet private network, then there is **nothing** to configure in any routing table. Layer3 Routers (such as RRAS) will automatically know what to do with networks that are directly connected to their ports. They are referred to as simply "Directly Connected Networks" or in some documentation it may just say "Connected Networks". There is simply no configuration needed for such networks. "Routes" are only required when there is more than one "hop" between the Source and Destination (in other words two or more routers between them).

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"Jeremy" <Nospam@nospam.com> wrote in message
news:eJs4SPGLEHA.332@TK2MSFTNGP11.phx.gbl...

> No it wasn't the only route, but for ease of typing I only included the one

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> that changed the most. Is there a easy way to use the wizard and setup
VPN
> with a internal network Nic and a Nic with Internet? So that in theory
that
> I could allow vpn's coming in on the internet nic to access the internal
> network? I had it working briefly then all the sudden the route got
munged
> and seemed to be routing everything to the local loopback of 127.0.0.1
even
> though with my limited experience I looked everywhere it was listing the
> routes as still being what the network cards were set with. But the
> route -print didn't match what the cards were set with my example is the
> internal nic being set to a gateway of 127.0.0.1 instead of 10.146.183.253
>
> --
>
>
> Jeremy Kettelhohn
>
>
> "Matthew [MSFT]" <mfresoli@online.microsoft.com> wrote in message
> news:cMrVULGLEHA.3900@cpmsftngxa10.phx.gbl...
> > Hi Jeremy,
> >
> > The route itself looks to be correct. But is that the only route you
see
> > in the route table?
> >
> > One thing to be careful of is when you use the Wizard to add the VPN
> > server, you will get packet filters applied to the network card (for
> > security reasons). It will only pass 1723 and GRE traffic.
> >
> > You can go into the properties of the interface (in RRAS under ip
routing
> > -> general) and remove these. As long as the server is internal (and
does
> > not have a direct connection to the internet), then this should be ok.
> >
> >
> > Thank you,
> > Matthew Fresoli
> > Microsoft Network Support
> > --
> >
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