

Re: please advise – problem with routing

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.networking/2004-10/0657.html>

From: Dana Brash (*dbrash_at_gmail.com*)

Date: 10/19/04

Date: Tue, 19 Oct 2004 15:25:35 +0800

Hi Andrew,

Thanks for the map.

One thing that I would like to make very sure you understand is that when you add a route, you are not adding it to a network, you are adding it to the routing table on a host. I realize this may be a language issue, and I certainly don't mean to criticize at all, but the difference between a host and a network is a very important distinction in IP address configuration.

On your diagram, you show that the 192.168.1.0/24 subnet has two devices using the same IP address. You show the NT server as using 192.168.1.1 and the Router as using 192.168.1.1. This will create terrible conflicts and nothing should work on that subnet. Each device needs to have a unique IP.

For further troubleshooting, please post back here the results from:

1. ROUTE PRINT on NT4

Please open a command window on the NT4 machine and copy the results of a ROUTE PRINT and post it back here.

2. ROUTE PRINT on router (or otherwise grab the route table)

What kind of machine is the other Router? Is it also a Windows machine, or Linux, or hardware appliance, or?

Please post the route table from this device also.

3. tracert -d 192.168.2.2 from host on 192.168.26.0/24 subnet

Finally, from a device on the 192.168.26.0/24 subnet please run a tracert -d 192.168.2.2 command and post the results from that up here as well.

You do not need any additional NIC in this environment, it's all configuration, not hardware.

I am curious, however, why there is no Internet access shown in the diagram? Are there possibly some WAN connections in here that are VPN'd or something?

--

HTH,

Re: please advise – problem with routing

microsoft.public.windows.server.networking: Re: please advise – problem with routing

=d=

Dana Brash
MCSE, MCDBA, MCSA
dbrash@gmail.com

"andrew" <kc2ine@yahoo.com> wrote in message
news:OCEOU2YtEHA.160@TK2MSFTNGP11.phx.gbl...

> Hi Dana,
> here is like it looks:

```
> _____
> | video recording dev|
> |_____|
> |
> 192.168.2.2 (static)
> |
> |
> NIC2
> 192.168.2.1
>  _|-
> |   |   |
> |   |   | first server (Actually a router also)
> |____| WinNT4.0 IP routing enable (checkbox)
> |
> NIC1
> 192.168.1.1
> |
> 192.168.1.1/24      (in this network I added using route command:)
> _____      route add 192.168.2.0 mask 255.255.255.0 192.168.1.1
> and
> works
> | ROUTER |
> |_____|
> 192.168.26.1/24
> |
> |
> 192.168.26.x/24    (no dhcp)
> (from this network main server is accessed through GW 192.168.26.1)
> in that network I cannot of cou
```