

Re: Routing Problem

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.networking/2005-01/0574.html>

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Kim,

You need to look at the routes on your clients as well.

What default gateways do the clients have?

Your LAN1 Clients have a choice of either setting the default gateway to the internet gateway router or the LAN1 interface of the server.

If you have the default gateway on LAN 1 Clients to be the IP address of the internet connection router then that router needs to have a route back to LAN2.

Clients on LAN 2 need to have a default gateway to the 192.168.200.x interface on the server.

Thanks

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"Kim" <kmarinelli@nationalticket.com.(don'tspam)> wrote in message
news:C8A1F0AC-998B-47D3-A3C6-590645EA86C2@microsoft.com...

> Lan 1 is using 192.168.200.x mask 255.255.255.0. Lan 2 is using
> 192.168.100.x snm 255.255.255.0. These are both on the same segment.
>
> I have a windows 2003 server using 2 nics configured as follows.
> 192.168.200.201 mask 255.255.255.0 with no gateway. Nic2 192.168.100.224
> mask 255.255.255.0 gateway 192.168.100.254 (out internet
connection/router).
> I have enabled ip routing on the server.
>
> I want lan 1 to be able to see lan 2 and both lans to use the
> 192.168.100.254 internet connection. My problem is as follows. when
logged
> onto lan1 I can ping both interfaces on the server but can't ping beyond
that
> to lan 2. I also can't see anything on lan 2. My router/internet
connection
> is also configured with the following route 192.168.200.0 255.255.255.0
> 192.168.100.224. Please see the route print below for the server. Any
help
> would be appreciated.
>

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```
> Active Routes:
> Network Destination      Netmask          Gateway          Interface
Metric
>          0.0.0.0          0.0.0.0 192.168.100.254 192.168.100.224
20
>          127.0.0.0          255.0.0.0          127.0.0.1          127.0.0.1
1
>    192.168.100.0    255.255.255.0 192.168.100.224 192.168.100.224
20
> 192.168.100.224 255.255.255.255          127.0.0.1          127.0.0.1
20
> 192.168.100.255 255.255.255.255 192.168.100.224 192.168.100.224
20
>    192.168.200.0    255.255.255.0 192.168.200.201 192.168.200.201
20
> 192.168.200.201 255.255.255.255          127.0.0.1          127.0.0.1
20
> 192.168.200.255 255.255.255.255 192.168.200.201 192.168.200.201
20
>          224.0.0.0          240.0.0.0 192.168.100.224 192.168.100.224
20
>          224.0.0.0          240.0.0.0 192.168.200.201 192.168.200.201
20
> 255.255.255.255 255.255.255.255 192.168.100.224 192.168.100.224
1
> 255.255.255.255 255.255.255.255 192.168.200.201 192.168.200.201
1
> Default Gateway: 192.168.100.254
>
=====
> Persistent Routes:
> None
```