

Re: 2 Gateway's on 1 NIC on Windows Server 2003

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.networking/2005-05/msg00204.html>

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Here is a network diagram.

<http://pride.fites.net/netlayout.jpg>

We have 2 ISP connections. 1 Comcast Cable and 1 PlanetCable DSL

The reason for this is that comcast will not reverse resolve our Mail Server's IP address/and/or name. So we use a local isp to handle our email routing and dns service.

Comcast has the speed though, so that is what we have our VPN tunnel coming in through, as well as all internet activity and FTP.

Essentially what is going on here is... for my AV server to process incoming email for virus control and spam filtering, it has to have the same gateway as the router connected to the DSL modem (1.250)... and NOT that of the router connected to the Cable modem (1.1).

All clients point to the gateway of the cable modem (1.1)

My clients at our remote office have a gateway of their router connected to their internet connection (10.1)

10.1 can see 1.1 just fine. 1.1 can see 1.250 just fine, but 10.1 cannot see 1.250 at all.

I currently have 1 NIC in my AV server. Its connected to the same switch that my 2 routers are connected to. So, to direct traffic in/out of the DSL line, it has to have the same GW IP as the router connected to the DSL line (1.250)

The problem is, my 10.x clients cannot see my AV server (cannot even ping it) since the AV Server is on 1.250

Hope that helps.

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