

Re: Can't ping my PC from the internet

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2008-04/msg00223.html

- *From:* "Robert L. \ (MS-MVP)" <blinNoEmailPlease@xxxxxxx>
 - *Date:* Sat, 12 Apr 2008 10:38:05 -0500
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In this case, the LAN NIC should not be assigned a default gateway. This search result may help too.

issues of a multihomed computer with two NICs
Issues of a multihomed computer with two gateways. Case 1:
The client setup a Windows 2003 server with two NICs, one for Internet access one for the LAN ...
www.chicagotech.net/Routers/2gateway2.htm

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Bob Lin, MS-MVP, MCSE & CNE
Networking, Internet, Routing, VPN Troubleshooting on
<http://www.ChicagoTech.net>
How to Setup Windows, Network, VPN & Remote Access on
<http://www.HowToNetworking.com>

"Calab" <dont.spam@xxxxxxx> wrote in message news:e5CljuKnIHA.4480@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

My PC has two network cards... One is an onboard gigabit connected to my LAN. The LAN is connected to a router, as are other PCs on my LAN. The router is connected to a cable modem. The second NIC is a 10/100mbit PCI card connected directly to another cable modem.

The GigE NIC is hardcoded to an IP on my private network with the following settings:
IP: 10.0.11.16
Mask: 255.255.255.0
DNS: 10.0.11.1, 64.59.135.143
Gateway: 10.0.11.1
Gateway metric: 100 (previously auto)
Interface metric: 100 (previously auto)

The 10/100 NIC pulls a dynamic IP from my cable internet provider and currently has the following settings:
IP: 68.145.38.197
Mask: 255.255.255.0
DNS: 64.59.135.143, 64.59.135.145
Gateway: 68.145.36.1
Gateway metric: auto
Interface metric: auto

The router is configured with my private network info on the LAN side and dynamic settings

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pulled from my cable internet provider on the WAN side. Currently configured as follows:

LAN side...

IP: 10.0.11.1

Mask: 255.255.255.0

Gateway: 10.0.11.1

WAN side:

IP: 68.145.78.218

DNS: 64.59.135.143

Gateway: 68.145.76.1

At this point I'm unable to connect to any services on the 100mb port, and up until my last settings changes and reboot I was not even able to ping the 100mb port. My last change was to put the gateway and interface metrics on the GigE port to 100 to ensure any remote traffic was going through that interface, and to keep my local LAN traffic on the GigE interface. I believe I should not have applied a metric to the GigE interface though.

At this point I cannot connect to any services on either port. Before my last settings change I was able to connect the the remote desktop through the GigE interface, but not any longer.

What I am trying to do:

- Any PC on my LAN, except this one, should use the internet connection through the router.
- This PC should pass local LAN traffic over the GigE port only.
- This PC should pass internet traffic over the 100mb port only.

The PC's on my LAN are all hardcoded for the 10.0.11.0/24 network. Gateway is 10.0.11.1. This appears to be working.

This PC does not consistantly pass it's internet traffic through the 100mb port. I've tried removing the gateway IP from the GigE port, changing the gateway metric to 100, and finally the interface metric to 100.

What should I be doing to make this work???