

Re: Networking Problem

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.general/2006-04/msg10528.html>

- *From:* "Thomas M" <ReplyToNewsgroup@xxxxxxxxxx>
 - *Date:* Thu, 27 Apr 2006 20:15:02 -0600
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That's the way that I would like to do it eventually. However, my DSL modem is a PCI card, so it has to be installed in a computer. In other words, I don't have the hard ware to connect the router directly to the wall jack--the connection has to go through machine A.

My current setup evolved. Initially, it was just machine A with an internal DSL modem that was networked to a Win98 machine through a switch. I shared out the Internet connection on machine A so that the Win98 machine could reach the Internet.

Later, I added a Windows server (this is machine B in my question). This machine was purchased so that I could play around with Windows 2003 Server. At the moment, however, I have Windows XP installed on the machine, so I don't have it setup as a domain server, or even a file server. In fact, it's not always on. For this reason, I didn't want machine B to be the gateway, so I connected it as if it's just a regular workstation (which it is right now). That allowed me to experiment with Windows 2003 Server and have connectivity to the Internet without requiring the machine to be on in order for the other machines to use the Internet.

Finally, my sister and her family stayed with us last year and they purchased the wireless router. This is not the router that I personally would have purchased, but it's not bad and they gave it to us as thanks for letting them bunk at our place for a while, so the price was right! :-). The router does not have enough ports for all my devices, so I plugged the switch into one of the router ports to enable Internet connectivity from multiple machines via one router port.

Not an ideal setup, I will admit, but I've decided to keep it this way for now because I don't want to invest in additional equipment at the moment.

--Tom

"Millybags" <steve.milward@xxxxxxxxxxxxxxxxxxxx> wrote in message news:OzqSINdaGHA.4248@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Why no

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!-----!-----Machine A
Internet-----!Router!
!-----!-----Machine B

That's how mine works.

Steve

"Thomas M" <ReplyToNewsgroup@xxxxxxxxxx> wrote in message
news:eAODzscA.GHA.1020@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

I wasn't sure which group to post this question in, but I thought that
this

group was about the closest fit with my problem.

I have two machines on a small home network that share an Internet connection. I'll refer to these computers as machine A and machine B. Machine A is running Windows 2000 SP4 and Norton Internet Security 2005 with the firewall enabled. Machine B is running Windows XP SP2. Here's how the network is setup.

Internet > Machine A > Wireless router > Switch > Machine B

This has worked without any problem for about a year. Last week I was browsing a newsgroup on machine B when the connection got dropped, and I have not been able to re-establish an Internet connection from machine B since. However, machine A still connects without a problem via an internal DSL modem that is connected directly to the wall jack. The Internet connection on machine A is shared out.

My first thought was that one of the NICs had gone out. So I tried a couple of pings from machine A and found that I could ping machine B and the router. I then switched to machine B and found that I could ping the router, but that I was NOT able to ping machine A. This made me think that the problem was with the firewall. I disabled the firewall and found

that

machine B can ping machine A when the firewall is turned off. However, machine B still will not connect to the Internet.

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Since I can ping between machines, and both machines can access the
router

configuration page, it's clear to me that both NICs are working
properly.

The fact that I can turn off the firewall and still not be able to
connect

machine B to the Internet tells me that it's not a firewall problem.

I then started to focus on the switch and router. First, I bypassed the
switch entirely by connecting machine B directly to the router. This
made

no difference. I switched around ports on the router thinking that
maybe

a
port had gone bad, but that did not make a difference either. I then
cycled
both the switch and the router, and I reset the router configuration to
the
factory defaults. Again, no difference.

Nothing changed on either computer at the time that this problem first
occurred. Neither machine has contracted a virus, I hadn't installed or
removed anything, etc. It seems to have simply broken on the fly.

Maybe

a
corrupt driver or something. Short of recreating the Internet
connection

and reinstalling Norton Internet Security, both of which I don't want to
do
because they were a pain in the ass to get working the first time, I'm

out

of ideas.

Any suggestions that you can offer will be greatly appreciated.

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--Tom