

Re: More Peer 2 Peer Troubles

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2006-04/msg01060.html

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 - *Date:* Wed, 26 Apr 2006 03:37:01 -0600
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In article <#kLTjzEaGHA.5000@xxxxxxxxxxxxxxxxxxxxxxxx>, "David" <dcterrill@xxxxxxxx> wrote:

Problems with a peer to peer network (With New Note Apr 25th)

I have used my machines in P2P for a long time, using various IP's between them all without problem. Only the Host has been connected to the internet, this is the way I wanted it for security. This has been fine, but now I have tried unsuccessfully for quite a while to interconnect the Client(s) to the internet so as to directly link with the internet mainly just to register new software with MS.

I have tried a number of methods, quite a number. The main setup is an incoming splitter lifts off the voice circuit from the ADSL modem router (SpeedTouch 536), the ADSL feed into it's own NIC on the host. Then a 2nd NIC connects to a switch to stream down to clients. Kerio does not give ANY trouble as a firewall.

This is all fine except that now I would like to access the internet from all machines, not just the host. The usual setup has not used ICS on the host, nor have I used "bridge mode", well that is until now when I have tried various configs including these setups. Need I say that I have used both static and dynamic cons, DHCP, no DHCP etc, ICS up, bridge mode etc.

Platform: All machines XP Pro etc

Host: Two NIC's, one set to Incoming modem, TCP/IP 10.0.0.1/255.0.0.0, the NIC hardware address IP set 10.0.0.1.

2nd NIC set to TCP/IP 192.168.0.1 /255.255.255.0 NIC hardware IP 192.168.0.1/255.255.255.0.

All machines set as "MSHOME" workgroup

In TCP/Adv/Wins NetBios is set over TCP/IP

If I set the TCP/IP manually then I also set the DNS to the local ISP.

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New note Apr 25th

IPCONFIG /all

Windows IP Configuration

Host Name : boris
Primary Dns Suffix :
Node Type : Broadcast
IP Routing Enabled. : Yes
WINS Proxy Enabled. : No
DNS Suffix Search List. : qld.bigpond.net.au

Ethernet adapter Home Net:

Connection-specific DNS Suffix . :
Description : Realtek RTL8139/810x Family Fast Ethernet NIC
Physical Address. : 4C-00-10-20-0F-BD
Dhcp Enabled. : No
IP Address. : 192.168.0.1
Subnet Mask : 255.255.255.0
Default Gateway : 10.0.0.138
DNS Servers : 10.0.0.138

Ethernet adapter Bigpond:

Connection-specific DNS Suffix . :
Description : SiS 900-Based PCI Fast Ethernet Adapter
Physical Address. : 00-01-6C-A9-AA-C3
Dhcp Enabled. : No
IP Address. : 10.0.0.1
Subnet Mask : 255.0.0.0
Default Gateway : 10.0.0.138
DNS Servers : 10.0.0.138

I hope someone out there has the time to wade thru the above. It seems to me that simply put the prob is in the multihomed (host) machine with one NIC not talking to the second NIC. You will have noted that I have moded the Registry HKLM...EnableRouter (now) 1

Many thanks

Dave

Have you enabled ICS on the host's Bigpond connection? If not, enable it.

I assume that you haven't, because the Home Net connection is

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configured incorrectly. Home Net shouldn't have a Default Gateway or DNS Server specified.

If you've already enabled ICS, disable it and then re-enable it.

However, I don't think that you need to use ICS or have a host computer. According to this web page, the SpeedTouch 536 is a multi-user gateway with a built-in Internet sharing capability:

<http://www.speedtouch.com/prod536.htm>

You should be able to connect the network switch to the SpeedTouch's LAN port to give Internet access to all the computers.

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Best Wishes,
Steve Winograd, MS-MVP (Windows Networking)

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