

Re: SBS two adapter setup with Netopia Router. Help Save my weeked

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2005-05/msg06912.html>

- *From:* "Wildwilly" <fonger101@xxxxxxx>
 - *Date:* Sat, 28 May 2005 17:54:28 -0400
-

Thanks you were right. I did not have the two cards on separate subnets. They were not both plugged into the Netopia. I made the changes you suggested. I had some difficulties with Setting up the DHCP relative to what DNS they should look to and what IP addresses should be listened for but I think I have those resolved. Now I am working on the NAT. setup. When it asks for the address pool , should that be my ISP provided IP number and should the mask be 255.255.255.254 since I have only one static address?

Last unresolved test issue. Outlook (Exchange) apparently is not receiving mail addressed to myname @ my domain.com although it is posting mail addressed to MYname@xxxxxxxxxxxx my ISP account I believe that implies the POP 3 connector is working but there is a problem with the SMTP or Internet address.. Any thoughts on how to start trouble shooting that.

Thanks again for your help. You really saved me some frustration.

"SuperGumby [SBS MVP]" <not@xxxxxxxxxxx> wrote in message [news:eE2sj\\$0YFHA.132@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:eE2sj$0YFHA.132@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

- > you appear to be using the same subnet for both NICs. XXX.9/24 internally
- > and XXX.45/24 externally. This is not correct.
- > Also, I suspect you have both NICs plugged into the Netopia which you are
- > also using as your LAN switch. This is less than optimal.
- > Let SBS do DHCP for the clients.
- >
- > What you want:
- >
- > Netopia public IP
- > XXX.254/24
- > |
- > |
- > SBS External XXX.9/24
- > SBS Internal XXY.whatever/24
- > |
- > |
- > Switch
- > |
- > |

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> SBS clients, XXY.x/24 via DHCP from SBS
>
> make the physical changes, run the 'Change Server IP' wiz to put the
> internal NIC into a different subnet and you should be up.
>
> "Wildwilly" <fonger101@xxxxxxx> wrote in message
> news:%23FFu%23qxYFHA.616@xxxxxxxxxxxxxxxxxxxxxxxxxxxx
>>I am trying to go to a two adapter set up for the SBS server. I have Read
>>and reread KB Aricle 825763 How to configure Internte access and I try to
>>follow it by the numbers. I still cannot make it work. I am sure I am
>>too involved to see some small setting I have wrong.
>>
>> My server can access the internet.and the company web. I can remote
>> workplace from my workstation to the server and run the server. The
>> server can see my workstation but the only files visible are the
>> Symantec VPHOME and VP Login, printers and faxes, and scheduled tasks.
>> Cannot see the hard drive
>>
>> My workstation cannot access the internet, Cannot send Outlook 2003
>> Mail. I am convinced one of the network or router cards is misconfigured.
>>
>>
>> SBS 2003 Intel Pro 1000 MT card, and a dual Intel Pro 1000 MT card.
>> DSL Ethernet Switch is Netopia(Cayman) 3346 with 4 ports.
>> Linksys 16 Port Dual Speed hub.
>> BellSouth DSL 3Mb service
>>
>> LAN- side network card
>> IP X.X.X.9, Subnet 255.255.255.0
>> Default Gateway is blank
>> DNS use the LAN IP address of the server x.x.x.9
>>
>> DNS tab Append primary and connection specific DNS suffixes
>> Append parent suffixes of the primary DNS suffix
>> Reister this connection's addresses in DNS
>> Wins Tab enable LMHOSTs lookup
>> Enable Net Bios over TCP/IP
>>
>> Second Network adapter
>> WAN- side network card LAN IP X.X.X .45, Per article instrutions.
>> "Type the static IP address that is providedby your ISP,
>> or the IP you want to use." When using a router should it be the LAN
>> Side IP or the fixed WAN IP address of the router. Using the Fixed WAN
>> IP you get an error message that they are on different subnets.
>> Subnet 255.255.255.0,
>>
>> Default gateway the LAN IP of the Router X.X.X. 254,
>> DNS server the LAN IP of the Local Server X.X.X.9) Alternate DNS blank
>> (per article instructions)
>> WINS Tab of Advanced TCP/IP Enable LMHOSTS. Disable NetBIOS over TCP/IP
>>

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>>
>> Netopia Settings
>> Status: UP
>> Local Address: Internet IP Y.Y.Y. 161 Peer addresses 68.152.252.185
>> Connection Type: always on
>> NAT : On
>> IP Address Lan IP X.X.X.254
>> Netmask: 255.255.255. 0
>>
>> DHCP Server ON :
>> DNS-1 WAN IP X.X.X.X
>> DHCP Leases in use 2
>>
>> DHCP Server ,
>> Server mode : Server (other choice is relay agent)
>> Starting and ending IP Addresses are with the LAN side subnet.
>>
>> WAN IP interfaces
>> PPP over Ethernet vcc1
>> IP Gateway : Enable Gateway option
>> Interface type: PPP over Ethernet (vcc1) other option is IP address
>> Enable interface : checked
>> Adress Mapping (NAT) checked
>> ISP Username: filled in
>> ISP Password : filled in
>>
>
>

• **Follow-Ups:**

- ◆ **[Re: SBS two adapter setup with Netopia Router. Help Save my weeked](#)**
 ◇ From: SuperGumby [SBS MVP]

• **References:**

- ◆ **[SBS two adapter setup with Netopia Router. Help Save my weeked](#)**
 ◇ From: Wildwilly
- ◆ **[Re: SBS two adapter setup with Netopia Router. Help Save my weeked](#)**
 ◇ From: SuperGumby [SBS MVP]

- Prev by Date: **[Re: Terminal Services and SBS 2003](#)**
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