

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/msg07069.html>

- *From:* Wildwilly <Wildwilly@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sun, 29 May 2005 17:51:04 -0700
-

First, I ran the change server IP and and I ran the CEICW as instructed.

Second Again thanks for your help, even the two by four. By way of explanation: When you said use DHCP to set IPs I did not realize that the wizard would set that up automatically. I had some advice over the phone from someone who does not use the wizards. Too many cooks etc. This started as a simple put in another network card. Since this has become more involved I would be more than happy to do this on a fee basis. I am not sure what the etiquette is on this.

After your email I reran Change Server IP and CEICW
The CEICW failed saying it could not set scope there was another DHCP server on the network. I repeated the Change server IP and CEICW, same stop. I looked at the DHCP security tab and there was "unkown user S-1 followed by a string of digits listed as a user.

About that time I got a Norton message that another network had been discovered.

I looked at the local server adapter and it was connected to a unkown 169.254.X.X address and a tremendous number of packets were flowing I disconnected the server from the DSL modem to isolate the network under the assumption I was being hacked.

After this there was no server listed under servers. I tried to reboot and it hung for 1. hour at network settings. Tried a second time same result. Tried to go from last successful etc. Result it is in a do loop at ISASSE.exe.

At this point I am only interested in getting my data files off the server on to a workstation. Can you point me in the right direction to get it running enough to offload the disk data? Thanks again. And yes I am looking for the most recent backup but they are on tape so I need it up to even try that.

Thanks

"Wildwilly" wrote:

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>
>
> "SuperGumby [SBS MVP]" wrote:
>
>> You should not have any difficulty setting up DHCP, you should NEVER have to
>> do it. Run the 'Change Server IP Address' item from the SBS console,
>> Internet and Email section. This changes the server's internal IP and makes
>> many other modifications for correct SBS operation. I don't care that it now
>> works, run the wizard to again change the subnet. When done, post back
>> saying explicitly 'I have run the "Change Server IP Address" wizard, as
>> advised' or 'I'm going to leave you to your own mechanics.'
>>
>> Then Run the CEICW (Connect to the Internet item, SBS console, To-Do List),
>> I hope it will fix any manual changes you have implemented to NAT. There is
>> no reason for you to be looking at NAT, or address pools, and the reason
>> your email isn't working is that you haven't run the CEICW (or tried it and
>> it failed because of your previously misconfigured network). Again, post
>> back 'I have run the CEICW' or you're on your own.
>>
>> Sorry to be using the 2*4 on you but you are creating your own problems.
>>
>> No component of SBS (that I can think of) other than the CEICW (and through
>> it DNS Server) need know anything about your ISP IP settings, you use a
>> private network (192.168.X.Y/24) on both your internal and external
>> interfaces, X should be different so that the two are seperate subnets (you
>> could, and some advise to, use another private range, say 10.whatever for
>> either). The CEICW will ask you to supply ISP DNS info, it will feed these
>> to DNS Server as 'forwarders'.
>>
>> BTW: there's no reason to hide the private ranges in use, here's mine
>>
>> C:\Documents and Settings\Administrator.LC>ipconfig /all
>>
>> Windows IP Configuration
>>
>> Host Name : sbs
>> Primary Dns Suffix : lc.lan
>> Node Type : Unknown
>> IP Routing Enabled. : Yes
>> WINS Proxy Enabled. : Yes
>> DNS Suffix Search List. : lc.lan
>>
>> Ethernet adapter Server Local Area Connection:
>>
>> Connection-specific DNS Suffix . :
>> Description : NetServer 10/100TX PCI LAN Adapter
>> Physical Address. : 00-60-B0-68-EE-2D
>> DHCP Enabled. : No
>> IP Address. : 192.168.250.2
>> Subnet Mask : 255.255.255.0
>> Default Gateway :

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>> DNS Servers : 192.168.250.2
>> Primary WINS Server : 192.168.250.2
>>
>> Ethernet adapter External:
>>
>> Connection-specific DNS Suffix . :
>> Description : Realtek RTL8139 Family PCI Fast
>> Ethernet
>> NIC
>> Physical Address. : 00-20-18-A1-39-42
>> DHCP Enabled. : No
>> IP Address. : 192.168.168.2
>> Subnet Mask : 255.255.255.0
>> Default Gateway : 192.168.168.1
>> DNS Servers : 192.168.250.2
>> NetBIOS over Tcpi. : Disabled
>>
>>
>> "Wildwilly" <fonger101@xxxxxxx> wrote in message
>> news:OSkXtA9YFHA.2664@xxxxxxxxxxxxxxxxxxxxxxxxxxxx
>>> 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
>>>> |

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>>>> |
>>>> SBS External XXX.9/24
>>>> SBS Internal XXY.whatever/24
>>>> |
>>>> |
>>>> Switch
>>>> |
>>>> |
>>>> 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
>>>>> Register 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 instructions.
>>>>> "Type the static IP address that is provided by 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

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