

Re: Connecting Clients to SBS server – First time

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2005-11/msg04389.html>

- *From:* "SuperGumby [SBS MVP]" <not@xxxxxxxxxxx>
 - *Date:* Wed, 30 Nov 2005 00:51:58 +1100
-

FFS, change the router's LAN side to a different subnet than what you are using internally, reconfigure your SBS External interface to talk to it (ie. same subnet). SBS (and maybe your VoIP) should be the only thing(s) connecting to the router.

OR, as has been stated, disable the second NIC and rely on the (inferior to ISA) router to look after the internet connection.

Basically, I suggest you are 'overthinking' the solution. You have a basic network/AD problem, two NICs in the same address space, fix it.

"Tony" <tony@xxxxxxxxxxxxxxxx> wrote in message
news:Oa07OyG8FHA.1188@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

> Merv,

>

> Thanks for the reply. I should also point out that connected to the same
> switch as the SBS server is a Netware server with IP of 192.168.1.2. We
> need to maintain a connection to this server for a while as it runs our
> "aging" financial software (the new SBS will replace our Netware server
> eventually with our new software but we will need to maintain access to
> both servers for all of our clients for a few months). I would really
> rather not change the IP address of the Netware server (much more
> difficult than the Windows server).

>

> Here is a simple view of my network topology.

>

> Internet

> |

> Broadband Modem/Router (WAN) (Public IP: xxx.xxx.xxx.xxx; static IP)

> ||

> Router (LAN) (Private IP: 192.168.1.254) ==>Hardware Firewall/VPN (Static
> public IP)==> VoIP system (Shares switch below with VLAN's setup to
> separate Data and Voice)

> ||

> Switch

> |||||

> Internal SBS NIC (Private IP: 192.168.1.3)

> Workstations ((Private IPs: 192.168.1.x)

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> Netware Server (Private IP: 192.168.1.2)
>
> The question I have is, could I connect the external NIC of the SBS server
> directly to the small switch in the Broadband Modem/Router and give it one
> of my five (5) Public IP's that came with my DSL service? This way I
> could use the SBS server to add another layer between the internet and my
> clients. Do you still advocate changing the router's private IP address in
> this situation? I would also like remote users to use Remote Web
> Workplace to access the server over this "external" connection. Thanks
> for your input.
>
> Tony
>
> "Merv Porter [SBS-MVP]" <mwport@xxxxxxxxxxxxxxxxxxxx> wrote in message
> news:eJS5OG8FHA.1000@xxxxxxxxxxxxxxxxxxxx
>> Hi Tony,
>>
>> It looks like you have 2 NICs and a router for your network topology.
>>
>> Re-enable the second NIC (sometimes called the "external" NIC). The
>> second NIC has to be in a different subnet (IP range) than the "internal"
>> NIC. In your case, you can keep the 192.168.1.x subnet for the internal
>> network and change the subnet for the router and external NIC to
>> something like 192.168.2.x. You would need to change this in the router
>> and on the external NIC.
>>
>> Your network should be set as similar to:
>>
>> Internet
>> |
>> Broadband Modem
>> |
>> Router (WAN) (Public IP: xxx.xxx.xxx.xxx; either a static IP or
>> dynamically assigned by your ISP)
>> ||
>> Router (LAN) (Private IP: 192.168.2.1)
>> |
>> External SBS NIC (Private IP: 192.168.2.2)
>> ||
>> Internal SBS NIC (Private IP: 192.168.1.3)
>> |
>> Switch
>> |||||
>> Workstations ((Private IPs: 192.168.1.x)
>>
>> The run CEICW and enter your ISP's DNS server IP addresses on the
>> appropriate screen. If CEICW offers to use UPNP to set up the router,
>> decline this and set it up manually forwarding ports 443 and 4125 (and
>> maybe 1723 if you need VPN capabilities). Also, when running CEICW,
>> enable the firewall and select the services you want.
>>

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>> References:
>>
>> Network Setup diagram (don't worry about the text, just look at the
>> diagram. Make sure your physical connections are similar to the diagram)
>> <http://www.smallbizserver.net/Default.aspx?tabid=151>
>>
>> CEICW Walkthrough by Andy Goodman
>> <http://www.sbs-rocks.com/sbs2k3/sbs2k3-n2.htm>
>>
>>
>> --
>> Merv Porter [SBS MVP]
>> =====
>>
>> "Tony" <tony@xxxxxxxxxxxx> wrote in message
>> news:utcNyjF8FHA.1032@xxxxxxxxxxxxxxxxxxxxxxxx
>>>I disabled the second network connection and reran the Connect to
>>>Internet wizard. I still cannot seem to get past the generalized error
>>>message. Any thoughts? Thanks in advance.
>>>
>>> Tony
>>>
>>> "Lanwench [MVP – Exchange]"
>>> <lanwench@xx> wrote in
>>> message news:eG1oabF8FHA.1020@xxxxxxxxxxxxxxxxxxxxxxxx
>>>>
>>>> "Tony" <tony@xxxxxxxxxxxx> wrote in message
>>>> news:uMOHYF8FHA.736@xxxxxxxxxxxxxxxxxxxxxxxx
>>>> Lanwench,
>>>>
>>>> I still am getting the same message, but following is a listing of
>>>> IPCONFIG from both the SBS server and one of my clients. My server
>>>> has two network connections in it. I use the first one for our local
>>>> network and I would like to set the second one up for remote clients
>>>> to connect using Remote Web Workplace (I can assign a static public
>>>> IP address if necessary). But first things first.
>>>>
>>>> Your server has two NICs assigned with IPs in the same subnet. You have
>>>> to fix that if you need two NICs, that is. Otherwise, just disable one.
>>>>
>>>> Server Config
>>>> =====
>>>>
>>>> Windows IP Configuration
>>>>
>>>> Host Name : atc
>>>> Primary Dns Suffix : Arnold.local
>>>> Node Type : Unknown
>>>> IP Routing Enabled. : Yes
>>>> WINS Proxy Enabled. : Yes
>>>> DNS Suffix Search List. : Arnold.local

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```
>>>>>
>>>>> Ethernet adapter LAN:
>>>>>
>>>>> Connection-specific DNS Suffix . :
>>>>> Description . . . . . : Intel (R) Pro/1000 MT
>>>>> Network Connection
>>>>> Physical Address. . . . . : 00-14-22-1D-37-58
>>>>> Dhcp Enabled. . . . . : No
>>>>> IP Address. . . . . : 192.168.1.3
>>>>> Subnet Mask . . . . . : 255.255.255.0
>>>>> Default Gateway . . . . . :
>>>>> DNS Servers . . . . . : 192.168.1.3
>>>>> Primary WINS Server . . . . . : 192.168.1.3
>>>>>
>>>>> Ethernet adapter LAN#2:
>>>>>
>>>>> Connection-specific DNS Suffix . :
>>>>> Description . . . . . : Intel (R) Pro/1000 MT
>>>>> Network Connection #2
>>>>> Physical Address. . . . . : 00-14-22-1D-37-59
>>>>> Dhcp Enabled. . . . . : No
>>>>> IP Address. . . . . : 192.168.1.4
>>>>> Subnet Mask . . . . . : 255.255.255.0
>>>>> Default Gateway . . . . . : 192.168.1.254
>>>>> DNS Servers . . . . . : 192.168.1.3
>>>>> Primary WINS Server . . . . . : 192.168.1.3
>>>>> NetBIOS over Tcpi. . . . . : Disabled
>>>>>
>>>>>
>>>>> Client Computer Config
>>>>> =====
>>>>>
>>>>> Windows IP Configuration
>>>>>
>>>>> Host Name . . . . . : TONY
>>>>> Primary Dns Suffix . . . . . :
>>>>> Node Type . . . . . : Hybrid
>>>>> IP Routing Enabled. . . . . : No
>>>>> WINS Proxy Enabled. . . . . : No
>>>>> DNS Suffix Search List. . . . . : Arnold.local
>>>>>
>>>>> Ethernet adapter UTP:
>>>>>
>>>>> Connection-specific DNS Suffix . : Arnold.local
>>>>> Description . . . . . : Broadcom NetXtreme 57xx
>>>>> Gigabit Controller
>>>>> Physical Address. . . . . : 00-11-43-54-02-6A
>>>>> Dhcp Enabled. . . . . : Yes
>>>>> Autoconfiguration Enabled . . . . : Yes
>>>>> IP Address. . . . . : 192.168.1.70
>>>>> Subnet Mask . . . . . : 255.255.255.0
```

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>>>>> Default Gateway : 192.168.1.3
>>>>> DHCP Server : 192.168.1.3
>>>>> DNS Servers : 192.168.1.3
>>>>> Primary WINS Server : 192.168.1.3
>>>>> Lease Obtained. : Wednesday, November 23,
>>>>> 2005 12:06:46 PM
>>>>> Lease Expires : Thursday, December 01, 2005
>>>>> 12:06:46 PM
>>>>>
>>>>> I know it is probably something simple but I'm not enough of an expert
>>>>> to see it. Any help is appreciated.
>>>>>
>>>>> Tony
>>>>>
>>>>> "Lanwench [MVP – Exchange]"
>>>>> <lanwench@xx> wrote in
>>>>> message news:eZs5kzE8FHA.1028@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
>>>>>
>>>>>> "Tony" <tony@xxxxxxxxxxxxxxxx> wrote in message
>>>>>> news:udGF6nE8FHA.1276@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
>>>>>>> I'm having a conundrum attempting to connect the client computers to
>>>>>>> our new SBS server. After running through the "To Do List" and
>>>>>>> setting up users and computers it tells me to go to the client
>>>>>>> computers and open a browser. Then I enter
>>>>>>> http://server_name/ConnectComputer . I usually need to enter the IP
>>>>>>> address of the server rather than the name, but I get the page this
>>>>>>> way. I click on the "Connect to the network now" link, run through
>>>>>>> the wizard and then click "Finish". Then I get the same basic page
>>>>>>> back with "An error occurred when configuring networking settings.
>>>>>>> See your network administrator". Since I am the network
>>>>>>> administrator, this won't work. I am also presented with the same
>>>>>>> "Connect to the network now" link.
>>>>>>>
>>>>>>>> I am having this problem with all my clients (there are only 7). I
>>>>>>>> know that you all probably need more info so please let me know what
>>>>>>>> I need to present for your help. Thanks in advance for your help.
>>>>>>>>
>>>>>>>>> Tony
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>> Sounds like your DNS is screwy. All servers & clients need to point
>>>>>>>>>> *only* at the SBS server's LAN IP for DNS. No external IPs in there
>>>>>>>>>> at all. When you ran the connect to the Internet wizard, it probably
>>>>>>>>>> asked you what your ISP's DNS servers were, and created forwarders in
>>>>>>>>>> your DNS server to handle external queries.
>>>>>>>>>>
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• **Follow-Ups:**

- ◆ **Re: Connecting Clients to SBS server – First time**
◇ From: Tony

• **References:**

- ◆ **Connecting Clients to SBS server – First time**
◇ From: Tony
- ◆ **Re: Connecting Clients to SBS server – First time**
◇ From: Lanwench [MVP – Exchange]
- ◆ **Re: Connecting Clients to SBS server – First time**
◇ From: Tony
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- ◆ **Re: Connecting Clients to SBS server – First time**
◇ From: Tony
- ◆ **Re: Connecting Clients to SBS server – First time**
◇ From: Merv Porter [SBS–MVP]
- ◆ **Re: Connecting Clients to SBS server – First time**
◇ From: Tony

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- Next by Date: **Re: Removable Storage – Snapin**
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