

Re: Trouble integrating existing SBS 2003 server into a home netwo

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2008-09/msg00717.html>

- *From:* "Merv Porter [SBS-MVP]" <mwport@xxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 9 Sep 2008 15:50:03 -0400
-

Set all workstations to get their IP address automatically. Set the LAN side of the router to be in the same IP range as the SBS server (192.168.5.x). Then see the following article for network setup...

How to configure Internet access in Windows Small Business Server 2003 (Use the Single Network Adapter [NIC] configuration)
<http://support.microsoft.com/default.aspx?scid=kb:en-us:825763>

Turn off the DHCP service on the router and let the SBS server handle DHCP for the entire network. You should only need 2 DNS Nameserver IP addresses which will be used as "forwarders" in the CEICW setup. Most probably 68.105.28.11 and 68.105.28.12 will suffice. Then re-run CEICW, click on Enable the firewall, select your services and finish the rest of CEICW. Then reboot all workstations and let them acquire a new IP address from the SBS server.

CEICW Walkthrough
(for 2 NICs but almost everything applies to a single NIC configuration)
<http://www.sbs-rocks.com/sbs2k3/sbs2k3-n2.htm>

Merv Porter [SBS-MVP]
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"Jbarrick" <Jbarrick@xxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:08753DA2-6A7A-405A-A1B4-311D5A10A85A@xxxxxxxxxxxxxxxxxxxx

Results of uncooperative workstation:

Windows IP Configuration

Host Name Workstation02
Primary DNS Suffix Domain.local
Node Type Broadcast
IP Routing Enabled Yes
WINS Proxy Enabled Yes
DNS Suffix Search List Domain.local

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isp.net

Ethernet adapter Server Local Area Connection

Connection-specific DNS suffix isp.net
Description Realtek RTL8168/8111 PCI-E
Gigabit Ethernet NIC
Physical Address 00-1E-90-23-53-C0
DHCP enabled Yes
Autoconfiguration enabled Yes
IP address 192.168.1.102
Subnet Mask 255.255.255.0
Default Gateway 192.168.1.1
DHCP Server 192.168.1.1
DNS Servers 68.105.28.12
68.105.29.12
68.105.28.11

Lease Obtained Date

Lease Expires Date

Results of a working workstation:

Windows IP Configuration

Host Name Workstation12
Primary DNS Suffix Domain.local
Node Type Broadcast
IP Routing Enabled Yes
WINS Proxy Enabled Yes
DNS Suffix Search List Domain.local
isp.net

Ethernet adapter Server Local Area Connection

Connection-specific DNS suffix isp.net
Description VIA Rhine II Fast Ethernet
Adapter
Physical Address 00-13-8F-6F-E8-D6
DHCP enabled Yes
Autoconfiguration enabled Yes
IP address 192.168.1.103
Subnet Mask 255.255.255.0
Default Gateway 192.168.1.1
DHCP Server 192.168.1.1
DNS Servers 68.105.28.12
68.105.29.12
68.105.28.11

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Lease Obtained Date

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"Larry Struckmeyer [SBS-MVP]" wrote:

Hi:

We can do this through this newsgroup, but it honestly would be simpler for you and less headaches if you brought in a local SBS specialist. Your time must be worth something. If you will tell us where you are you may get a specialist here, or one of us may be able to recommend one.

If you desire to continue down this path, we will need to take this in baby steps. The first one is to post the unedited results of the command:

```
ipconfig /all > c:\iptest.txt
```

from the server and the un cooperative station. Please tell us which is which, and on the server indicate the internal nic card and the external nic card.

I won't be able to spend the night here, but you can expect on going assistance from others.

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Larry

Please post the resolution to your issue so that all can benefit.

"Jbarrick" <Jbarrick@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:02DE5CA7-F7F9-42A4-9390-3B8A1F4BC5AC@xxxxxxxxxxxxxxxxxxxx

I need to add an existing SBS 2003 server to an existing home network.

At home there is a XP Professional computer connected (via ethernet cable) to a wireless router, which is connected to a cable modem.

I need to add a SBS 2003 server and three workstations (XP

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Professional)
that were part of an office network elsewhere. The data of
the office
network needs to remain intact. The idea is to relocate the
network at
home
and add the computer that was here to the domain of the
server.

Currently I have the Server and workstations (that had been
part of the
domain) connected to a Netgear 26 Port switch, which is
connected to
the
wireless router.

I don't get the Internet on the server itself. Two of the three
workstations are able to connect to the server and the
Internet. The
other
workstation connects to the Internet but not the server.

I'm pretty inexperienced when it comes to DHCP and
TCP/IP. However,
everything seems to be set up exactly the same between the
three
workstation.

I'm pretty sure that I will need to establish an Internet
connection on
the
server for the Exchange Server to work properly.

HELP