

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/msg01262.html>

- *From:* Jbarrick <Jbarrick@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 15 Sep 2008 12:46:01 -0700
-

The router is Linksys WRT54GL

ISP is Cox Communications (Cable)

There is a Netgear 26 Port Switch

"Merv Porter [SBS-MVP]" wrote:

OK, let's look at that "wireless router" that was on the home network before you started this adventure. What make/model is it and who is the Internet Service provider?

Do you have a switch in the mix or are there enough free ports on the wireless router to accomodate all required wired connections for the "new" network workstations?

Reconfigure the network according to (SBS single NIC configuration):

How to configure Internet access in Windows Small Business Server 2003
<http://support.microsoft.com/default.aspx?scid=kb:en-us:825763>

Turn off DHCP on the wireless router (and ICS on any of the workstations, if it's on). Connect the SBS server NIC to a port on the wired router and re-run CEICW. Reboot the workstations and the SBS server and then post an ipconfig /all for one (wired) workstation and for the SBS server itself.

--
Merv Porter [SBS-MVP]
=====

"Jbarrick" <Jbarrick@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:31351985-E104-498C-9013-431F0178C759@xxxxxxxxxxxxxxxxxxxxx

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Yes.

I also then rebooted each computer including the SBS.

"Merv Porter [SBS-MVP]" wrote:

When you set it and everything worked except Internet
Access, did you
re-run
CEICW?

--
Merv Porter [SBS-MVP]
=====

"Jbarrick" <Jbarrick@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote
in message
news:1F2AC524-12E1-4E29-93C7-BE5570B10158@xxxxxxxxxxxxxxxxxxxx

I did this and the network all worked. Every
workstation and network
printer
was working within the network great.

However, there was no internet service at all,
including wireless.

So, I changed everything back the way it
was, and I'm back to square
one.

"Merv Porter [SBS-MVP]" wrote:

Set all workstations to get
their IP address
autmatically. Set the
LAN
side
of the router to be in the
same IP range as the SBS
server
(192.168.5.x).

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Then see the follwoing
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]
=====

"Jbarrick"
<Jbarrick@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote in message

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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
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

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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

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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

Lease
Obtained
Date

Lease
Expires
Date

"Larry
Struckmeyer

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[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

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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

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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.

--
Larry

Please
post
the
resolution

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to
your
issue
so
that
all
can
benefit.

"Jbarrick"

<Jbarrick@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote

in

message

news:02DE5CA7-F7F9-42A4-9390-3B8A1F4BC5AC@xx

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

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to
a
cable
modem.

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

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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

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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

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I
will
need
to
establish
an
Internet
connection
on
the
server
for
the
Exchange
Server
to
work
properly.

HELP