

Re: changed IP address: can't receive email & need to make domain name match IP address

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Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2007-01/msg01925.html>

- *From:* "Merv Porter [SBS-MVP]" <mwport@xxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sat, 13 Jan 2007 18:01:02 -0500
-

Port Forwarding for 2Wire 1701HG

<http://portforward.com/english/routers/firewalling/2wire/1701HG/AllowIn.htm>

Looks like you'll need to click on "Add a new user-defined application" for each port you need to forward.

Ports that Enable Remote Access to SBS Services (you'll only need a few of these... 443, 4125, 25, 1723 {+ GRE Protocol 47 for VPN})

http://www.windowstpro.com/Files/40832/Table_01.html

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Merv Porter [SBS-MVP]

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Merv Porter [SBS-MVP]

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"xpidiot" <chris.boulanger@xxxxxxxxxx> wrote in message
news:1168727959.723413.96160@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

My router is a 2Wire 1701HG Gateway

Merv Porter [SBS-MVP] wrote:

You may need the latest Windows 2003 for the 2nd NIC if Windows doesn't recognize it properly during the reboot. I don't believe you'll need the SBS CDs, but it's always a good idea to keep them handy.

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Merv Porter [SBS-MVP]

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"xpidiot" <chris.boulanger@xxxxxxxxxx> wrote in message
news:1168631873.833352.60590@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Re: changed IP address: can't receive email & need to make domain name match IP address

Merv,

Will I need the installation disks to add the 2nd NIC?

I'm going to try this, but won't have a chance until later.

Thanks

Merv Porter [SBS-MVP] wrote:

If your present "router" is in bridge mode, then all data packets are essentially forwarded on to your SBS server (much like a broadband modem).

As you are set up now, your SBS server is "bare to the Internet" (not good).

I would disconnect it from the Internet immediately. To correct this, you need to buy at least another inexpensive router to put between the SBS server and your present "router".

It appears that you have a static WAN (public) IP address from your ISP.

The preferred way to set this up (at least it's my preferred way) is

to buy an inexpensive router (DLink DI-604 or equivalent) and put 2 NICs in the SBS server. Then physically configure the network and re-run CEICW.

The following diagram shows you the network setup:

(Your present router will equate to the broadband modem that is pictured to the far left of the diagram. You should not have to do any re-configuring of it since it will be passing all data packets on to the new "inexpensive" router for processing)

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2 NICs, Static IP, Router (works with and without ISA installed)

<http://www.smallbizserver.net/Default.aspx?tabid=266&articleType=ArticleView&ar>

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Merv Porter [SBS-MVP]

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"xpidiot" <chris.boulangier@xxxxxxxxxx>

wrote in message

<news:1168564531.885820.157160@xx>

Thanks for your help Merv,

My router isn't allowing me to set a different IP address for it. I repeatedly get an error message ("an unknow error has occurred").

I'm not sure what numbers I'm supposed to substitute for the my current settings.

These are the numbers I have to work with. Please let me know which ones would work. I'm not sure what numbers I'm supposed to substitute for the my current settings.

LThese are the numbers I have to work with. Please let me know which ones would work.
IP: 75.61.56.121
Sub: 255.255.255.248
Pri: 68.94.156.1
Sec: 68.94.157.1
Default gateway:
75.61.56.126

DHCP Range: 192.168.1.64
– 192.168.1.253

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Also, after running CEICW,
do I need to do anything
with the LAN
Network Connections?

Lastly, after looking at the
Router gateway, I see that
its setup
for
"bridge network". Does that
help?

Thanks again.

I've tried every address in
my IP range and received
connection
errors
on all of them.
The only thing that works at
all is the original IP config
that I
posted earlier.
IP: 75.61.56.121
Sub: 255.255.255.248
Pri: 68.94.156.1
Sec: 68.94.157.1
Default gateway:
75.61.56.126

DHCP Range: 192.168.1.64
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posted earlier.
Merv Porter [SBS-MVP]
wrote:

You may
want to
re-read
825763.
You appear
to be using
a public IP
address
on your
SBS NIC
(instead of a
private IP
address).

The
router/firewall
has a public
(WAN) side
and a
private
(LAN)
side.
You
need to set
up the
router with
the public
WAN
(static) IP
address.
Then
attach your
SBS server
to one of
the
LAN-side
ports on the
router,
give
your
SBS NIC an
IP address
in that
private IP
range and
re-run
CEICW.

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In
CEICW,
select your
services and
then
recreate the
Web Server
certificate.
Unless
you are
hosting
your
company
web site on
the SBS,
port 80
should be
closed
on the
router. You
also need to
open port
4125 on the
router for
Remote
Web
Workplace
(RWW).

Email...
Since you
have a new
Static IP
address,
make sure
that
your
ISP
(or
whoever
handles that
IP) has
updated the
MX and A
records for
your
domain
so
they point
to your new
(static)

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public IP
address.
These
changes
may
take
several
hours to
propagate
through all
the email
servers on
the
Internet.

At this
point, it
appears that
your MX
records are
not pointed
to
your
75.61.56.121
public IP
address:

<http://www.checkdns.net/quickcheck.aspx?domain=DomaniVerra.com>

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Merv Porter
[SBS-MVP]

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"xpidiot"
<chris.boulanger@xxxxxxxx>
wrote in
message

<news:1168556550.811059.21150@xx>

Before
coming
here
I
use
KB825763
(How
to
configure
Internet
access
in

Re: changed IP address: can't receive email & need to make domain name match IP address

Windows
Small
Business
Server
2003)
exactly
as
directed,
323380
(How
to
configure
DNS
for
internet
access),
&
an
obscene
number
of
posts
from
this
newsgroup.

Thanks
in
advance
for
any
help.

My
company
moved
to
a
new
office
and
got
a
new
static
IP
address
for
SBS2k3
Standard.

Re: changed IP address: can't receive email & need to make domain name match IP address

We're
connecting
to
the
server
through
a
router
with
a
firewall.
We
have
broadband
&
1
network
adapter
I've
unblocked
ports
80,
25,
443,
1723.

Problem
1:

I
can
access
RWW
&
OWA
with
ipaddress/remote
and
ipaddress/exchange,
respectively.
Both
the
http
&
https
methods
work
with
the
IP

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address.
I
CANNOT
access
anything
using
the
domain
name
(e.g.
domainname/remote).

Can
someone
tell
me
how
to
reset
the
ip
address
that
is
attached
to
the
domain
name?
Is
that
the
right
way
of
talking
about
it?

Problem
2:

I
can
send
mail
from
OWA
and
Outlook,
but

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can't
receive
anything.

I've
checked
the
queues
on
the
server
and
there
is
nothing
there.

I
think
this
is
related
to
the
domain
name
problem
above.

We
are
using
SMTP.
with
registered
domain
for
the
mail.

Below
is
my
ipconfig/all
from
the
server

Microsoft
Windows
[Version
5.2.3790]
(C)
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```
.
:
Unknown
IP
Routing
Enabled.
.
.
.
.
.
.
.
:
Yes
WINS
Proxy
Enabled.
.
.
.
.
.
.
:
Yes
DNS
Suffix
Search
List.
.
.
.
.
:
DomaniVerra.local

Ethernet
adapter
Server
Local
Area
Connection:
Connection-specific
DNS
Suffix
.
:
Description
```


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Primary
WINS
Server
.
.
.
.
.
.
.
:
75.61.56.121
C:\Documents
and
Settings\Administrator>