

Re: Non-domain connection problem

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2006-02/msg02702.html>

- *From:* "Gregg Hill" <bogus@xxxxxxxxxxxx>
 - *Date:* Wed, 15 Feb 2006 00:19:51 -0800
-

Liam,

This output looks as though it is from a system connected to the work LAN. Notice that the default gateway and DNS IP addresses are different, as well as the fact that there is a WINS server listed.

What is the ipconfig from the system when it is on a home router? A typical home system would have 192.168.0.1 or 192.168.1.1 as the default gateway and the DNS server, with no WINS listed.

Gregg Hill

"Liam" <Liam@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:8D9456C0-7981-4894-9E90-0098C9A565AD@xxxxxxxxxxxxxxxxxxxx>

Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\lhawthorne>ipconfig /all

Windows IP Configuration

Host Name : it-test-pc
Primary Dns Suffix : megastream.local
Node Type : Hybrid
IP Routing Enabled. : Yes
WINS Proxy Enabled. : No
DNS Suffix Search List. : megastream.local

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . : hoth.local
Description : via Rhine III Fast ethernet
adapter
Physical Address. : 03-E0-18-F1-94-98
Dhcp Enabled. : Yes

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Autoconfiguration Enabled : Yes
IP Address. : 192.168.2.11
Subnet Mask : 255.255.255.0
Default Gateway : 192.168.2.1
DHCP Server : 192.168.2.185
DNS Servers : 192.168.2.185
Primary WINS Server : 192.168.2.185
Lease Obtained. : February 14, 2006 12:31:39 PM
Lease Expires : February 22, 2006 12:31:39 PM

I hard coded the DNS server to a known DNS on the internet: 24.207.7.6
Again this had no effect on the ability to connect to the internet.

Thnkas for your help,

Liam

"Gregg Hill" wrote:

Liam,

After you do the following off the domain and on home router

```
ipconfig /release SUCCESS!  
ipconfig /flushdns SUCCESS!  
ipconfig /renew SUCCESS!
```

please post the output from

```
ipconfig /all
```

Gregg Hill

"Liam" <Liam@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:FFB0421E-77AF-410B-91C9-3AE47E9A9306@xxxxxxxxxxxxxxxxxxxx

Hi Gregg,

Thanks for the help.
DHCP is "pure". At home it is from the routers at work it is
from the
SBS
box.

There are few fixed IP's (3 servers, 2 routers).

IPconfig /release /renew /flush dns seem to have no effect on
the

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connectivity.
NSLOOKUP always looks for the SBS as the default gateway.

The wonder of all of this is that it worked without error for 8 months.

When

I put the server 2003 box on the network seems to have caused these problems.

I ran gpedit and all the gpo's are "not configured" which is as it should be.

I currently have a laptop here that is off the domain.
ipconfig /release SUCCESS!
ipconfig /flushdns SUCCESS!
ipconfig /renew SUCCESS!

Connect to Internet...fail!

The client software is Symantec VPN (same as our router/gateway) There are no settings for "allow remote gateway". But , again...this worked fine for at least 8 months until the Server 2003 was placed on the network.

?

"Gregg Hill" wrote:

Liam,

Are you using pure DHCP both at work and home (NO fixed address anywhere)?

Make sure you have no fixed IP addresses for DNS servers. You **should**

be

able to use a batch file with "ipconfig /release && ipconfig /renew"

in

it

to make it easy for the end users to

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release/renew the address.

As long as no fixed settings are there, and as long as the user's home router is configured properly, it should get the correct addressing.

What is the result of taking the laptop off the network, then running "ipconfig /release" followed by an "ipconfig /all" command? Please post your results here.

Do you have any GPOs forcing IP settings?

Gregg Hill

"Liam"

<Liam@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

news:62108E7B-8810-4660-8D3A-22A0ABDCB622@xxxxxxxxxxxxxxxxxxxx

Crina Li,

Thank you so much for replying and attempting to help me solve my challenge.

I have done everything you have asked and still remote clients cannot find a dns server other than the Primary Domain Controller on the domain.

I am sure that I need to find a way to "change the default gateway on the remote PC" Since the default gateway is

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ALWAYS the domain
controller of the SBS
domain!
From home this is a real
problem.

""Crina Li"" wrote:

Hi Liam,

Thank you
for posting
in SBS
newsgroup.

From the
description,
I understand
the issue to
be: you
want to let
the
laptop can
surf internet
from home
without
going
through
SBS. If I
have
misunderstood
your
concerns,
please do
not hesitate
to let me
know.

As I know,
when a
laptop
which is set
to obtain an
IP address
automatically
connects to
your
network, it
should

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contact the SBS server for an IP address (including DNS and other settings) and then it can browse the internal network and Internet web sites. When the laptop disconnects from the network cable, all IP configuration should be deleted by the system automatically.

Currently, we can check the following configuration on laptop:

1. IE setting:

1) Open IE and then Click Internet Options on Tools menu.
2) Click Connections and then click LAN settings.

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3) Check if you have selected Automatically detect settings.

4) Please do not use Proxy server to see how thing goes.

2. IP address and DNS settings:

1) Right click My Network Places and select Properties.

2) Open the properties of the Network Connection you are using to connect to internet on home.

3) Select TCP/IP and then click Properties.

4) Have you specified the SBS as the DNS server?

5) Make sure you have selected Obtain an IP address automatically and

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Obtain DNS
server
address
automatically
if you are
obtaining
the IP
and
DNS
from ISP
automatically
when you
surf internet
at home.
6) Click
Advanced
and then
check if you
have
configured
SBS on it.

If you do
want release
an IP
address, you
can use the
following
command:

```
ipconfig  
/release
```

```
ipconfig  
/renew
```

Hope it
helps and I
look
forward to
hearing
from you.

Best
regards,

Crina Li
(MSFT)

Microsoft
CSS Online

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Newsgroup
Support

Get Secure!

–

www.microsoft.com/security

=====
This
newsgroup
only
focuses on
SBS
technical
issues. If
you have
issues
regarding
other
Microsoft
products,
you'd better
post in the
corresponding
newsgroups
so that they
can be
resolved in
an efficient
and timely
manner.
You can
locate the
newsgroup
here:

<http://www.microsoft.com/communities/newsgroups/en-us/default.asp>

When
opening a
new thread
via the web
interface,
we
recommend
you
check
the
"Notify me
of replies"
box to
receive

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e-mail
notifications
when
there
are
any updates
in your
thread.
When
responding
to posts via
your
newsreader,
please
"Reply to
Group" so
that others
may learn
and benefit
from
your
issue.

Microsoft
engineers
can only
focus on
one issue
per thread.
Although
we
provide
other
information
for your
reference,
we
recommend
you post
different
incidents in
different
threads to
keep the
thread
clean.
In
doing
so, it will
ensure your
issues are

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resolved in
a timely
manner.

For urgent
issues, you
may want to
contact

Microsoft
CSS
directly.

Please
check

<http://support.microsoft.com>
for regional
support
phone
numbers.

Any input
or
comments
in this
thread are
highly
appreciated.

=====
This posting
is provided
"AS IS"
with no
warranties,
and confers
no
rights.

|
Thread-Topic:
Non-domain
connection
problem
|| From:
"=?Utf-8?B?TG1hbQ==?="<Liam@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
| Subject:
Non-domain
connection
problem
| Date: Sun,

Re: Non-domain connection problem

12 Feb
2006
21:41:27
-0800

||
Newsgroups:
microsoft.public.windows.server.sbs

||
| Greetings,

|
| I
| appreciate
| any insight
| into this
| unusual
| network
| case.

|
|
| SUMMARY

|
| When a
| client PC is
| physically
| removed
| from the
| domain it
| cannot
| access
| the
| Internet
| unless the
| VPN
| software is
| running.

|
|
| SITUATION

|
| When
| users
| physically
| remove
| their PC's
| from our
| domain
| (they
| take
| them
| home
| at night)

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they are
unable to
surf the
Internet
from home.

| The only
way for
them to
connect to
the Internet
is to use the
VPN

client
| software.

| Once they
are
connected
to our
Domain,
they can
surf!

|
| HISTORY

|
| The
domain has
two
locations 20
kilometres
apart. They
are
connected
with

a
| persistent
VPN
tunnel. For
10 months

users can
access
resources
at/from
both
| sides.

| Users have
been able to
go home
and VPN
into the
network.

| Users were

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able to
connect to
the Internet
from home
without any
trouble
and

| without
using the
VPN client
software.

| A MS
Server 2003
was

installed at
the remote
site as a
local data
store.

| Since this
has been
installed,
the users

cannot
connect to
Internet

UNLESS

| the vpn
software is
running.

|
| SOME
TEST
RESULTS

|
| PING
works from
home.

|
IPOCONFIG

shows a
local ip
address
(from a
home
router).

|
NSLOOKUP

always
shows the
IP address

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of the main
SBS2003
server.

| Hence the
need to
connect via
VPN to get
on the
Internet.

|

|

QUESTION

| How do I
get my
clients to
release the
IP address
of the main
SBS2003
server
| so that
they can
surf the net
from home?

|

| Thanks for
helping,

|

| Liam

|

|