

Re: Home networking help...again, my answer to Chuck

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2006-06/msg00661.html

- *From:* Chuck <none@xxxxxxxxxxxx>
 - *Date:* Wed, 21 Jun 2006 06:48:32 -0700
-

On Wed, 21 Jun 2006 05:18:02 -0700, Olim22 <Olim22@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

"Chuck" wrote:

On Tue, 20 Jun 2006 12:53:01 -0700, Olim22
<Olim22@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote:

"Olim22" wrote:

"Chuck" wrote:

On Mon, 19 Jun 2006
02:44:02 -0700, Olim22
<Olim22@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote:

"Chuck"
wrote:

On
Sun,
18
Jun
2006
23:24:58
GMT,
"Jim"
<j.n@xxxxxxxxxxxx>

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wrote:

"Chuck"

<none@xxxxxxxxxxxx>

wrote

in

message

news:mq7b92lc3fjss9m17bthh24a7vgckplu3a@xxxx

On

Sun,

18

Jun

2006

11:06:01

-0700,

Olim22

<Olim22@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote:

"Chuck"

wrote:

On

Sun,

18

Jun

2006

02:17:02

-0700,

Olim22

<Olim22@xxxxxxxxxxxxxxxxxxxx>

wrote:

Re:

Have

a

wireless

'always

on'

broadband

system,

on

a

server

computer

in

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the
dining
room,
being
able
to
connect
to
internet,
(OS
is
Win
XP
Pro).
with
a
wired
Sitecom
network
5
port
switch
system
to
2
bedrooms,
working
fine
in
morning,
then
in
afternoon,
computers
in
bedrooms
could
not
connect
to
internet,
the
pc
icon
has
the
exclamation
mark
stating
not
connected,

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yet
is
shown
on
the
server
computer
downstairs
as
connected
and
working
fine.
Checked
all
network
connections
etc,
are
correct
on
all
computers.
Have
replaced
the
Sitecom
network
switch,
with
a
new
one.
Just
to
point
out
I
cannot
use
a
wireless
or
router
system
in
the
house,
having
wireless
unit

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in
computer,
coming
in
from
an
aerial
on
the
roof.
I
cannot
see
the
other
computers
on
'my
network
places',
yet
says
the
LAN
is
connected?
Please,
can
someone
help
me?
I
am
in
the
process
of
selling
this
property
and
don't
want
it
to
not
go
through,
because
of
this

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problem.
Since
this
happened,
now
cannot
get
online
when
using
administrator
account,
yet
icons
says
its
connected,
but
can
access
the
internet
on
the
other
2
user
accounts,
any
explanation
of
this
please?
To
add
to
this,
in
reply
to
Chuck,
giving
me
good
advice,
(yes,
do
supply
server
PC
to

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tenants,
free,)
was
unable
to
check
for
a
few
days:
suggested
I
do
a
'ipconfig
/all'
this
I
have
done
on
server
and
one
other
computer,
(2nd
tenant
not
in
house
to
check
hers).
Results
are
as
follows:

Main/Server
Computer
with
administrator
rights:

Windows
IP
Configuration
Host
Name

.

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Yes
WINS
Proxy
Enabled.
.
.
.
.
.
.
:
No
DNS
Suffix
Search
List.
.
.
.
:
:
esn.local
Ethernet
adapter
Wireless
Network
Connection:
Connection-specific
DNS
Suffix
.
:
esn.local
Description
.
.
.
.
.
.
.
:
:
Cisco
Systems
350

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Series
PCI
Wireless
LAN
Adapter
Physical
Address.

.
. .
. .
. .
. .
. .
. .
:
00-0F-34-2F-E0-2

Dhcp
Enabled.

.
. .
. .
. .
. .
. .
. .
:
Yes
Autoconfiguration
Enabled

.
. .
. .
. .
. .
:
Yes
IP
Address.

.
. .
. .
. .
. .
. .
. .
. .
. .

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.
:
:
11
September
2006
14:56:53
Ethernet
adapter
Local
Area
Connection
2:
Connection-specific
DNS
Suffix
:
:
Description
.
.
.
.
.
.
.
.
.
:
ADMtek
AN983
10/100
PCI
Adapter
Physical
Address.
.
.
.
.
.
:
00-0C-F6-0C-23-
Dhcp
Enabled.
.

.
. .
. .
. .
. .
:
Mixed
IP
Routing
Enabled.
. .
. .
. .
. .
. .
:
No
WINS
Proxy
Enabled.
. .
. .
. .
. .
:
No
Ethernet
adapter
Local
Area
Connection
2:
Connection-specific
DNS
Suffix
. .
:
Description
. .
. .
. .
. .

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.
. .
. .
. .
:
Broadcom
NetXtreme
57xx
Gigabit
Cont

Roller
Physical
Address.
. .
. .
. .
. .
. .
:
00-11-11-E1-90-1
Dhcp
Enabled.
. .
. .
. .
. .
. .
:
Yes
Autoconfiguration
Enabled
. .
. .
:
Yes
Autoconfiguration

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IP
address.
.
.
.
.
.
.
169.254.98.147

Doesn't
this
address
indicate
that
this
computer
can't
find
a
DHCP
server?
Isn't
this
a
default
address
selected
from
those
assigned
to
Microsoft
for
use
in
this
particular
situation?
Jim

Inability
to
find
a
DHCP
server
can
come
from

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either
of
several
problems.

Lack
of
connectivity.

Connectivity,
but
no
DHCP
server.

Connectivity,
but
the
DHCP
server
is
busy
or
not
working.

<http://nitecruZR.blogspot.com/2005/07/limited-or-no-connectivity.html>

The
169.254.x.x
is
an
APIPA
address,
assigned
by
Windows
when
it
doesn't
get
a
return
from
a
DHCP
request.
Cheers,
Chuck,
MS-MVP
[Windows
-

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Networking]

<http://nitecruZR.blogspot.com/>

Can you tell
me how I
get the
DHCP
enabled on
the host
PC? As
says it's not
enabled, yet
ThuyTran's
is enabled,
would this
make a
difference?
Thanks
Olim22

The setting "DHCP" means
the DHCP client is on. The
Network Setup Wizard will
take care of that.

Is 81m111ad the "host
computer"? Your
terminology is a bit vague.
Let's start
by having you run the
Network Setup Wizard on
both computers. When you
run it on
81m111ad (assuming that's
the "host computer"), select
This computer connects
directly to the Internet. The
other computers on my
network connect to the
Internet through this
computer.

When you run it on
ThuyTran, select
This computer connects to
the Internet through another
computer on my network or

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through a residential gateway.

Then rerun "ipconfig /all" on both, and post updated. And please learn how to copy and paste.

Cheers,
Chuck, MS-MVP
[Windows - Networking]

Chuck, I have still been unable to get the other 'ipconfig /all' yet, but did try to run the network setup wizard, but this host computer just would not install it, just kept saying it would take time to transfer with the one computer icon going towards the other one, gave it 20 mins, nothing happened, infact the only way to stop it was to do Ctrl+Alt+delete, as the cancel was blanked out as well as OK. Plus this computer would not shut down correctly, as I had to disable the Firewall, I'd recently added, as it was causing problems on the internet only on the administrator account, gets to 'Windows is shutting down' but freezes here, won't shut down, have to press the re-set button, which then couldn't complete the disable of the Firewall on Mconfig. However tried again and it worked, but still had to shut down with the reset button. Any idea on this, I will enter this problem in the relevant section, incase you do not want to sort this out for me. So as I said I have not run the setup wizard on any again. Gave up on it last night. Just wanted to keep you informed of my lack of progress. Sorry. I do know how to copy & paste thanks. Heather

It's me again, have at last got the ipconfig. It was done as print screen,& sent by email, which I can't copy here, so have had to type it,

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(exactly as printed), then copy & paste, per below:

Connection

Physical Address : 00-0E-35-75-BF-64

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

Windows IP Configurations

Host Name : manchest-56c115

Primary Dns Suffix. :

Node Type : Mixed

IP Routing Enabled : No

WINS Proxy Enabled. : No

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . :

Description : Realtek RTL8139/810x
Family

Fast Ethernet NIC

Physical Address : 00-C09F-62-3D-FB

Dhcp Enabled : Yes

Autoconfiguration Enabled : Yes

Subnet Mask : 255.255.0.0

Default Gateway :

Ethernet adapter Wireless Network Connection:

Media State : Media disconnected

Description : Intel<R> PRO/Wireless
2200BG

Network Connection

Physical Address : 00-0E-35-75-BF-64

C:\Documents and Settings\Cherie>

Hope you are now able to tell me what to do to get the
connections on the

LAN working again? Await your answer. Heather

Heather,

OK, let's start over. We need a complete "ipconfig /all" from
manchest-56c115.

Open a command window.

Type "ipconfig /all >c:\ipconfig.txt", and hit Enter.

Type "notepad c:\ipconfig.txt", and hit Enter.

Email c:\ipconfig.txt, or copy the text from the file, from Notepad. Your
choice.

Copy the text contents, complete and unedited (not by hand please), and
paste
into your next message.

You're going to have to work on the computers in question. We can't
diagnose

the problems with you telling me that you don't have access. And you're

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going

to have to post a complete and easily readable "ipconfig /all" log from each computer. So far, only 81m111ad appears complete, and none of them is readable.

Then you're going to have to check the Sitecom network switch (where did you get that), or consider getting a reliable router or switch at your local computer store. With all computers connected to the switch / router, does the switch / router indicate connections to each computer?

Once you verify connection to each of the 3 computers from the router / switch, you need to run the Network Setup Wizard on ThuyTran and manchest-56c115.

<http://nitecruZR.blogspot.com/2005/05/using-network-setup-wizard-in-windows.html#NATClient>

Neither one, from viewing the "ipconfig /all" (what there is anyway) shows signs of proper network connectivity. Please review in detail my article on ipconfig, and on providing diagnostics in general, and understand what you're missing by hand typing this information.

—
Cheers,
Chuck, MS-MVP [Windows – Networking]

Sorry, have checked back and realise I have missed the Auto configuration IP address, sent it all again (per below). Yes, I do know how to copy text into Notepad, but the 2 client (ThuyTran & manchest-56c115) computers, not able to save once in Notepad to a source I can then copy and paste into this thread! Not without copying onto a CD, as no floppy disk on their computers, as no access to host computer to copy to, it having the floppy disk and internet access.

Don't know how I check the Sitecom Network Switch, it has green lights flashing to the computers in question and a red one for the mains. Bought from a firm called Maplin Electronics, website: www.maplin.co.uk recently brand new, replaced when this problem appeared. I have 2 more houses using this Sitecom network switch for up to 7 computers, 6 clients & the host PC, working fine. However I will wait and see if you can give me more info., now you have the IP address, per below.

```
Connection
Physical Address. . . . . : 00-0E-35-75-BF-64
C:\Documents and Settings\Cherie >ipconfig /all
Windows IP Configurations
Host Name . . . . . : manchest-56c115
```

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Primary Dns Suffix. :
Node Type : Mixed
IP Routing Enabled : No
WINS Proxy Enabled. : No
Ethernet adapter Local Area Connection:
Connection-specific DNS Suffix . :
Description : Realtek RTL8139/810x
Family

Fast Ethernet NIC
Physical Address : 00-C09F-62-3D-FB
Dhcp Enabled : Yes
Autoconfiguration Enabled : Yes
Autoconfiguration IP address. . . : 169.254.58.39 # (added)
Subnet Mask : 255.255.0.0
Default Gateway :
Ethernet adapter Wireless Network Connection:
Media State : Media disconnected
Description : Intel<R> PRO/Wireless
2200BG

Network Connection
Physical Address : 00-0E-35-75-BF-64
C:\Documents and Settings\Cherie>

Heather (from England, UK)

Heather,

OK, you're doing a bit better here. The bottom line, though, is that neither manchest-56c115 nor ThuyTran are getting DHCP settings from 81m111ad. They are both getting APIPA settings.

<<http://nitecruZR.blogspot.com/2005/07/limited-or-no-connectivity.html>>
<http://nitecruZR.blogspot.com/2005/07/limited-or-no-connectivity.html>

So I'm sure that Sitecom switches are legit equipment, but since I don't know anything about them, you'll have to be patient while I see if anything is available on the web about them. If you got a manual, you might try reading that. After you read the above article.

Or you could try running the Network Setup Wizard on 81m111ad, and select This computer connects directly to the Internet. The other computers on my network connect to the Internet through this computer.

<<http://nitecruZR.blogspot.com/2005/05/using-network-setup-wizard-in-windows.html#ICSHost>>
<http://nitecruZR.blogspot.com/2005/05/using-network-setup-wizard-in-windows.html#ICSHost>

So please learn how to read the lights on the switch – that's where we need to start.

—

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Cheers,

Chuck, MS-MVP [Windows – Networking]

<http://nitecruZR.blogspot.com/>

Paranoia is not a problem, when it's a normal response from experience.

My email is AT DOT

actual address pchuck mvps org.

.