

Re: Networking

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2006-03/msg00513.html

- *From:* Lee <foalks1971-msngps@xxxxxxxx>
 - *Date:* Fri, 10 Mar 2006 12:17:14 -0600
-

Chuck wrote:

On Fri, 10 Mar 2006 11:38:58 -0600, Lee <foalks1971-msngps@xxxxxxxx> wrote:

Lee wrote:

Chuck wrote:

On Fri, 10 Mar 2006 10:03:30 -0600, Lee
<foalks1971-msngps@xxxxxxxx> wrote:

Chuck wrote:

On Fri, 10
Mar 2006
08:58:15
-0600, Lee
<foalks1971-msngps@xxxxxxxx>

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wrote:

After
setting
up
a
network
between
my
desktop
and
laptop
it
worked
fine
until
I
started
making
changes
based
on
security
suggestions
I
found
on
trusted
sites
on
the
web.
Now
I
have
problems
connecting
the
computers
and
when
I
am
able

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I
have
problems
with
it
trying
constantly
to
access
my
dial
up
connection
which
is
continuous
until
I
unplug
the
network.

I
now
want
to
remove
all
old
settings
and
and
start
from
scratch.

It
is
a
simple
direct
cable
network
with
no
router.
I
don't
need
to
connect
to

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the
web
via
the
network
as
they
each
have
access
to
the
phone
line.
First,
how
do
I
clear
all
settings
so
that
they
do
not
show
back
up
in
a
new
setup.
Second,
all
I
want
to
do
is
share
files
and
the
printer
between
these
computers
and
let
them

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access
the
net
individually.

Which
of
these
packets
should
I
install
Internet
Protocol
(TCP/IP) ,
File
and
printer
sharing
for
a
Microsoft
network ,
QoS
Packet
scheduler ,
Client
for
Microsoft
networks .

Also
aren't
these
settings
individual
to
each
connection
you
set
up?
The
notebook
also
is
wireless
802.11
bg
,
which

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I
use
when
I
work
out
of
town
each
week,
at
several
eating
establishments
which
are
not
secure.
Should
I
only
install
the
TCP/IP
protocol
to
prevent
access
to
it
in
one
of
these
networks.
I
have
heard
about
setting
up
a
VPN
on
this
connection
but
all
info
I
find

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is
more
confusing
than
helpful.

Both
machines
are
running

Win
XP

Home
SP2.

Laptop
is

HP
Pavillion
zv6130

AMD
Athlon
64-3200,
512

MB
ram,
Desktop
custom

AMD
Athlon
XP2500+,

1
Gig

ram

.
Both
use
builtin
Realtech
network
interface.

I
know
this
is
a
lot
to
cover
and
have

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looked
on
the
news
feeds
for
info,
but
have
been
frustrated
trying
to
interpret
what
I
find
as
a
lot
of
it
is
not
stated
in
a
way
that
is
understandable
to
a
ignorant
novice.
Any
help
is
appreciated,
Lee

Lee,

If you have
two
computers,
and want to
network

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them, how
are you
going to
connect
both
computers
directly to
each other,
and to
dialup
simultaneously?

Are you
using a
simple
crossover
cable
connected
to Ethernet
adapters in
each
computer?
Is that the
"simple
direct cable
network
with no
router"?

If you're
going to
share files
between the
two, you'll
need both
File and
printer
sharing for
a Microsoft
network
and Client
for
Microsoft
networks .
Depending
upon how
you connect
those two
protocols,
you may
need

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Internet
Protocol
(TCP/IP) .

Do you
really want
to use this
setup?
You'll be so
much better
off using a
NAT
router that
supports
dialup.

<<http://nitecruzr.blogspot.com/2005/05/sharing-your-dialup-internet>

<http://nitecruzr.blogspot.com/2005/05/sharing-your-dialup-internet>

Internet connection sharing
is not a issue as my dialup is
so slow it will barely
support one computer at a
time. I only set it to share on
the original setup because it
was available and wanted to
see what it could do.

Yes the connection is a
crossover cable between the
Ethernet adapters. It is more
than adequate as I only need
to share files and printer and
synchronize some folders
with that wonderful little
tool called Sync Tool from
Microsoft.

I will soon have high speed
cable available to me in th
city I go to each weekend to
work and will probably
access it with wireless, but
will deal with that when it
happens.

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Well, since you're asking for help stated in a way that is understandable to a ignorant novice, I would try and get you to use the Network Setup Wizard. But I don't see any selection in there that will give you your configuration.

<http://nitecruzr.blogspot.com/2005/05/using-network-setup-wizard-in-windows.htm>

<http://nitecruzr.blogspot.com/2005/05/using-network-setup-wizard-in-windows.htm>

I'm going to ask you to consider that maybe your dialup is so slow because you have software running on each computer that you don't know about. This is a very common problem today, with under protected computers. If you're not behind a NAT router, you are under protected. I highly recommend a thorough malware analysis – you may be surprised.

<http://nitecruzr.blogspot.com/2005/05/dealing-with-malware-adware-spyware.htm>

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I run Adaware, Spywareblaster, Spybot and Microsoft anti-spyware about every 5 days and more often if I suspect problems. My problem is that I live in the country and we have lousy phone service here. Also it was this slow even after a full wipe reformat and reinstall before any malware could possibly have been installed.

Am looking at Netgears wireless routers on the web now and like what I am reading about them. is wireless as safe int this type of router as wired?Their Super G looks good, but Double 108 is attractive because of the 802.11a . There will be times when in work city that on the cable access there will need to be connection sharing and possibly will have to computers using it at the same time. So I need a recommendation as to which router would fit this need on a home network.

I'm convinced. A router is needed. Because of the double firewall, Netgear seems the logical choice. I want to set up here at home to accommodate the current dial up I have, have it be wireless to accommodate my laptop which

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is "54g" 802.11b/g WLAN with 125HSM / SpeedBooster" and BroadRange" support", and be ready for high speed Internet in the future, cable, DSL, or wireless, etc., all may soon be available. Remember I have a hardware (Zoom 2920) modem and a Ethernet connection I'm thinking the Netgear Rangemax (WPN824) would meet all these needs for high speed and dial up on both setups I am looking at putting together. Or is there a better unit I have overlooked. I want the unit with the most features and ability to assure covering any possibility. Any suggestions or am I on target?

I would definitely go with a WiFi solution. If you don't have high bandwidth LAN though, and plan to buy all hardware by the same vendor, I wouldn't waste money on Super-G though. Super-G (Speedbooster) is proprietary right now, and all equipment has to have the same chipset. Do you have neighbors? Super-G uses all 11 WiFi channels, and allows for no sharing of the spectrum.
<<http://nitecruZR.blogspot.com/2005/10/wifi-will-never-be-as-fast-as-ethernet.html>>
<http://nitecruZR.blogspot.com/2005/10/wifi-will-never-be-as-fast-as-ethernet.html>

My general recommendation is to keep the modem, the router, and the WiFi components separate. Selection criteria for each function is variable, and each person's needs will differ. Combined units don't have the flexibility in feature set that is sufficient to cover everybody's needs.
<<http://nitecruZR.blogspot.com/2005/10/computer-uniqueness.html>>
<http://nitecruZR.blogspot.com/2005/10/computer-uniqueness.html>

What is the double firewall you're mentioning? One firewall, properly maintained, should be enough. You should supplement that at another layer – one perimeter device, and personal firewalls on each computer, are the way to go.
<<http://nitecruZR.blogspot.com/2005/05/please-protect-yourself-layer-your.html>>
<http://nitecruZR.blogspot.com/2005/05/please-protect-yourself-layer-your.html>

But you've got a good start. I'm curious – do you have 2 separate phone lines coming to your house? Do both run on the same physical cable?

Yes they do . The lines come on two separate sets of wire coming in a single cable/wire. I use one for talk the other for the Internet. I only use the connection one computer at a time using a splitter giving access to each computer. The double firewall was a specification on Netgears wireless networking page "<http://www.netgear.com/applications/home/wireless.php> on several of their models.I'm heading into town now to buy these components. As I see it, right now I need to buy a wireless adapter and a router. I'm so ignorant of what is out there I need a little shove in the right direction.

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