

Re: Networking

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2006-03/msg00524.html

- *From:* Chuck <none@xxxxxxxxxxxx>
 - *Date:* Fri, 10 Mar 2006 13:06:07 -0800
-

On Fri, 10 Mar 2006 13:44:21 -0600, Lee <foalks1971-msngps@xxxxxxxx> wrote:

Chuck wrote:

On Fri, 10 Mar 2006 12:52:04 -0600, Lee
<foalks1971-msngps@xxxxxxxx> wrote:

Chuck wrote:

On Fri, 10 Mar 2006 12:17:14 -0600, Lee
<foalks1971-msngps@xxxxxxxx> wrote:

Chuck wrote:

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

<SNIP>

I'm
convinced.

Re: Networking

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
is
"54g?
802.11b/g
WLAN
with
125HSM
/
SpeedBooster?
and
BroadRange?
support",
and

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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

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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

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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-a>~~
~~<http://nitecruZR.blogspot.com/2005/10/wifi-will-never-be-as-fast-a>~~

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.

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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>>
<http://nitecruZR.blogspot.com/2005/05/please-protect-yourself-layer>

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

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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.

OK, well, I don't see you mentioning an external dialup modem. Do you still intend to setup Internet service using dialup, or are you going straight to broadband?

Looking at Netgear's webpage (very interesting), I think you want to take their selections with a grain of salt. Super G, Double 108, and RangeMax (MIMO) are all proprietary solutions. MIMO is not even a standard yet. Look at those 3 product lines very skeptically.

Here at home it will be dialup, and the modem is regrettfully internal.

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Well, since you decided that a router is needed, consider getting a router that will support dialup, and get an external modem. Get the modem out of the computer, and use dialup behind a router – it's better for you in several ways.
<<http://nitecruZR.blogspot.com/2005/05/ics-is-ok-but-you-can-do-better.html>>
<http://nitecruZR.blogspot.com/2005/05/ics-is-ok-but-you-can-do-better.html>

NAT router. is that the external modem

Lee,

No. A modem connects directly to your dialup service, or your broadband service, and provides a single connection. You need a router to share that connection to multiple computers, and to isolate those computers (security).

An internal modem connects directly into your computer.

An external dialup modem connects to your computer, or to a NAT router that supports dialup, using a serial cable (thick, round).

An external broadband modem connects to your computer, or to a NAT router, using an Ethernet cable (thin, round).

Note that NAT routers that support dialup will also support broadband. If you buy a dialup NAT router, you will be able to use it when you get broadband. Just setup the WAN connection on the router, plug it into the broadband modem, and you'll be online.

<<http://nitecruZR.blogspot.com/2005/05/sharing-your-dialup-internet-service.html>>
<http://nitecruZR.blogspot.com/2005/05/sharing-your-dialup-internet-service.html>

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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.

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