

Re: One Gateway, Two Networks

do not believe that your DG824M has a WAN/Internet ethernet port. If

this

is the case, you would need a different router.

Doug Sherman
MCSE, MCSA, MCP+I, MVP

"John" <JohnSickOfSpam@xxxxxxx> wrote in message
news:#OBvIl6QGHA.5108@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi Steve,

Thanks for your reply. I'm afraid I'm being a bit slow, so can
I just

check

my thinking?

a) I connect my Netgear DG824M (Call this Netgear Router
1)
(<http://kbserver.netgear.com/products/DG824M.asp>) via one
of its four
ethernet ports to one of the four ethernet ports on the DSL
connected
Speedtouch 510 modem/router.

b) I do the same with a third router (maybe another
DG824M). (Call this
Netgear Router 2)

c) I enable DHCP server on Speedtouch with IP range from
192.168.0.1 /
Subnet 255.255.255.0

d) I enable DHCP server on Netgear Router 1 with IP range
from
192.168.1.1

/

Subnet 255.255.255.0

e) I enable DHCP server on Netgear Router 2 with IP range
from
192.168.2.1

/

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Subnet 255.255.255.0

The spec in the Netgear manual says:
..."The gateway incorporates Auto Uplink™ technology.
Each LOCAL
Ethernet
port will automatically sense whether the Ethernet cable
plugged into

the

port should have a 'normal' connection such as to a PC or an
'uplink'
connection such as to a switch or hub. That port will then
configure

itself

to the correct configuration."...

So I'm assuming this means its ok to use the LAN ports to
connect to

the

Speedtouch router?

Anyway, apologies for asking the same thing twice, but
thanks for your

help.

Best regards

John

"Steve Winograd [MVP]" <bcmaven@xxxxxxxx> wrote in
message
news:2htt021j46cqrdg1bac8dbrraif74p64v@xxxxxxxx

In article

<uyNERcqQGHA.1096@xxxxxxxxxxxxxxxxxxxxxxxx>,

"John"

<JohnSickOfSpam@xxxxxxx> wrote:

Hi
there,

Can
anyone

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point
me
towards
a
good
article
on
how
to
setup
two

separate

networks
from
one
broadband
gateway
router?

Background

–
I'm
moving
to
a
shared
office,
where
they
already
have

a

speedtouch
broadband
gateway
with
four
ethernet
ports
(and
I
think

a

dynamic
IP

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address).
I've
been
using
a
similar
setup
in
my
previous
office

with

a
Netgear
DG824M
gateway
router.
Both
of
us
have
been
sharing
our

various

folders
on
our
networks,
but
now
we
we'll
be
sharing,
I'd
rather

set

us

up
so
that
we
can

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separate
our
two
networks.

So
what's
the
best
approach?
My
networking
knowledge
is
limited
so

far

to
basic
stuff
(ie
I
know
what
NAT
and
POTS
means
but
not
how
to
set

it

up)

and
so
could
do
with
some
kind
of
walkthrough.

Hope

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I've
been
clear
with
what
I'm
trying
to
achieve!

Thanks
in
advance
and
best
regards

John

PS
–
Both
sets
of
PCs
are
using
WinXP
(mine
are
Pro,
not
sure
yet

what
the
other
are)

For
complete
isolation
between the
two
networks,
while
giving

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Internet

access to
the
computers
on both
networks,
use two
more
broadband
routers.

Connect the
WAN
(Internet)
port on each
additional
router to a
LAN
port on the
Speedtouch
gateway
router.

Connect the
first
business'
computers
to LAN
ports on the
first
additional
router.

Connect the
second
business'
computers
to LAN
ports on the
second
additional
router.

Thanks to you and Doug for
your help. Are you able to
point me

towards

a

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product & walkthrough that
would take me through it?

Thanks again

John

You're welcome, John. The setup is simple.
Any broadband router

sold

at computer and office supply stores for
home and small office use
will be fine. Connect everything as I said
above. Make sure that

the

two new routers use a different IP subnet
than the old router. For
example, if the old router uses 192.168.1.x,
configure the new

routers

to use 192.168.0.x.

--

Best Wishes,
Steve Winograd, MS-MVP (Windows
Networking)

Please post any reply as a follow-up
message in the news group
for everyone to see. I'm sorry, but I don't
answer questions
addressed directly to me in E-mail or news
groups.

Microsoft Most Valuable Professional
Program
<http://mvp.support.microsoft.com>

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