

Re: Sharing internet with a router

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2004-11/0341.html

From: Jan (Jan_at_discussions.microsoft.com)

Date: 11/03/04

Date: Wed, 3 Nov 2004 06:35:05 -0800

"Chuck" wrote:

> On Tue, 2 Nov 2004 16:59:01 -0800, Jan <Jan@discussions.microsoft.com> wrote:
>
>>
>>
>> "Chuck" wrote:
>>
>>> On Mon, 1 Nov 2004 13:18:02 -0800, Jan <Jan@discussions.microsoft.com> wrote:
>>>
>>> <SNIP>
>>>
>>> >Does your computer use any client software provided by BT?
>>> >Yes there is client software on the system.
>>> >
>>> >Are you reading and writing here with the computer connected directly to the
>>> >modem?
>>> >Yes
>>> >
>>> >Do you have any firewall software on the computer?
>>> >Yes zone alarm but I have disabled it.
>>>
>>> Jan,
>>>
>>> Does the BT client software require you to enter your account and password when
>>> connecting the computer to BT service?
>>>
>>> Cheers,
>>> Chuck
>>> Paranoia comes from experience – and is not necessarily a bad thing.
>>>
>> Yes it does, but you can still connect to the internet by opening IE without
>> a password but you won't be able to access your home page.
>
> Jan,
>

microsoft.public.windowsxp.network_web: Re: Sharing internet with a router

- > I presume that "...you can still connect to the internet..." is when you're
- > connected modem to computer, and things are otherwise working?
- >
- > Disabling Zone Alarm is frequently NOT a good solution. I say this so many
- > times – see some of my past posts. You may have to un install it, totally.
- > <http://nh2.nohold.net/noHoldCust25/Prod_1/Articles55646/CompleteUninstallNonNT.html>
- >
- > If you do un install ZA, please keep your connect time, modem to computer, to an
- > absolute minimum. And enable the built in XP firewall, immediately, after you
- > un install!!
- >
- > OK, this is getting a bit frustrating. Let's summarise (correct me if I'm
- > wrong). And forgive me if I ask you to repeat yourself.
- >
- > When you're connected modem to computer:
- >
- > The computer can ping, and can do anything on the internet, as required. Even
- > without your running the ISP software (and entering account / password), after
- > rebooting the computer?
- >
- > How about you post "ipconfig /all" here, taken when the computer is successfully
- > connected to the modem and able to access the internet?
- >
- > When you're connected modem to router to computer:
- >
- > The router is connecting to your ISP – at least the status page for the router
- > reports an assigned IP address. Does this ip address look reasonable – is it
- > similar to what the computer gets when connected modem to computer?
- >
- > The router is connecting to your computer – you are able to view the router
- > status page, and make configuration changes. You have just one computer, right?
- > You've tried a different cable connecting the computer to the router, right?
- >
- > The computer cannot ping by ip address to the internet.
- > Results from a basic ping test to 66.94.230.33 (www.yahoo.com) by ip address:
- > Ping statistics for 66.94.230.33
- > Packets: sent = 4, Received = 0, Lost = 4 (100% loss)
- >
- > Try another ping target say 66.102.7.99 (www.google.com),
- >
- > I don't see any obvious problem with the computer, nor with the ISP service, nor
- > with computer to router connectivity.
- >
- > What version of the DI-704P do you have?
- > <http://www.dlink.com/products/support.asp?pid=63&sec=0#manual>
- >
- > I'm thinking something in the router configuration. I'd start by looking at the
- > manual myself, but since the manual varies for the three models (listed on the
- > page), that probably won't be productive.
- >
- > I keep thinking PPPoE. Configure the router for PPPoE, plug in the account /

- > *password that you use when you run the ISP software installed on the computer.*
- > *Test by pinging 66.94.230.33 AND 66.102.7.99.*
- >
- > *See if the router supports MAC address spoofing. Do "ipconfig /all" from a*
- > *command window on the computer, and get the computer MAC address from that.*
- > *Plug that into the router.*
- >
- > *See if the router supports MAC address filtering. If MAC address filtering is*
- > *enabled, maybe the computer is being filtered.*
- >
- > *See if the router supports time based filtering. Maybe a time filter instructs*
- > *the router to disallow any traffic.*
- >
- > *See if anyone at the BBR / DSLR DLink forum has any ideas. I did a brief search*
- > *for current articles on the DI-704P there, nothing with your experience shows*
- > *up. <http://www.dslreports.com/forum/dlink>*
- >
- > *Try the BBR UKBB forum <http://www.dslreports.com/forum/ukbb>.*
- >
- > *Do a hard reset of the router.*
- >
- > *Finally, contact DLink product support. Tell them methodically what you've told*
- > *me, maybe you can put the above summarisation to good use.*
- >
- > *You could try BT support too. Dunno what their policy is for routers though –*
- > *some ISPs make you unplug a router before they'll help you.*
- >
- > *Don't stop watching this thread though.*
- >
- > *Cheers,*
- > *Chuck*
- > *Paranoia comes from experience – and is not necessarily a bad thing.*
- >

I presume that "...you can still connect to the internet..." is when you're connected modem to computer, and things are otherwise working?

Yes

Disabling Zone Alarm is frequently NOT a good solution. I say this so many times – see some of my past posts. You may have to un install it, totally.

http://nh2.nohold.net/noHoldCust25/Prod_1/Articles55646/CompleteUninstallNonNT.html

I have completely uninstalled it

When you're connected modem to computer:

The computer can ping, and can do anything on the internet, as required. Even without your running the ISP software (and entering account / password), after rebooting the computer?

Yes

How about you post "ipconfig /all" here, taken when the computer is successfully connected to the modem and able to access the internet?

Windows IP Configuration

Host Name : JanMain
Primary Dns Suffix :
Node Type : Unknown
IP Routing Enabled. No
WINS Proxy Enabled. No

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . :
Description : SMC EZ Card 10/100 PCI (SMC1211 Series)

Physical Address. : 00-00-B5-4B-9B-0D
Dhcp Enabled. : Yes
Autoconfiguration Enabled : Yes
IP Address. : 81.157.148.217
Subnet Mask : 255.255.255.255
Default Gateway : 81.157.148.217
DHCP Server : 192.168.1.1
DNS Servers : 194.74.65.68
Lease Obtained. : 03 November 2004 11:43:03
Lease Expires : 03 November 2004 11:44:03

When you're connected modem to router to computer:

The router is connecting to your ISP – at least the status page for the router reports an assigned IP address. Does this ip address look reasonable – is it similar to what the computer gets when connected modem to computer?

The address is 81.157.148.217 (I am able to ping this address) the same as above.

The DNS server is 194.74.65.68 (I cant ping this) the same as above.

However this is not the DNS and gateway reported by ipconfig.

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . :
IP Address. : 192.168.0.105
Subnet Mask : 255.255.255.0
Default Gateway : 192.168.0.1

Also on the WEB server status page the message DHCP client disconnected.

The router is connecting to your computer – you are able to view the router status page, and make configuration changes. You have just one computer, right?

Yes

You've tried a different cable connecting the computer to the router, right?

Yes

The computer cannot ping by ip address to the internet.

Results from a basic ping test to 66.94.230.33 (www.yahoo.com) by ip address:
Ping statistics for 66.94.230.33

Packets: sent = 4, Received = 0, Lost = 4 (100% loss)

Yes

Try another ping target say 66.102.7.99 (www.google.com),

Packets: sent = 4, Received = 0, Lost = 4 (100% loss)

What version of the DI-704P do you have?

<http://www.dlink.com/products/support.asp?pid=63&sec=0#manual>

Version B3

I keep thinking PPPoE. Configure the router for PPPoE, plug in the account / password that you use when you run the ISP software installed on the computer.

Test by pinging 66.94.230.33 AND 66.102.7.99.

Packets: sent = 4, Received = 0, Lost = 4 (100% loss) both cases

See if the router supports MAC address spoofing. Do "ipconfig /all" from a command window on the computer, and get the computer MAC address from that. Plug that into the router.

It does support this but putting the computer's MAC address into the router doesn't help

See if the router supports MAC address filtering. If MAC address filtering is enabled, maybe the computer is being filtered.

There is a MAC filter but it is disabled

See if the router supports time based filtering. Maybe a time filter instructs

the router to disallow any traffic.

The time based filters are disabled

.

Do a hard reset of the router.

Still no connection

Thanks Jan