

Re: Netgear FVS124G Blocking Ports

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 - *Date:* Wed, 08 Aug 2007 18:48:07 -0700
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On Jul 31, 9:20 am, "jameshanle...@xxxxxxxxxxxxx" <jameshanle...@xxxxxxxxxxxxx> wrote:

dwish...@xxxxxxxxxx wrote:

I have a Netgear FVS124G, and even though i have enabled FTP on the Firewall it is still blocking Incoming FTP to my server. AOL messenger will also not run on the standard 5190 port. I have everything set up properly, and when the Netgear folks load my config they say it works in their lab. Basically below is a summary of the current situation

1- Netgear Router on my network, i cannot accept incoming FTP and cant run AOL messenger. I get the FTP welcome message that comes on port 21, but nothing else. Everything else seems to work.

2- Plug in my old Linksys router, and i can accept incoming FTP and run AOL Messenger.

3- If I plug my Netgear into my neighbors CABLE connection, I can accept FTP connections and AOL run fine.

4- All Outgoing ports are open

5- Plug directly into my modem, I can accept incoming FTP and run AOL messenger.

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I tried 2 different Westell DSL Modems, and also a Netopia DSL modem. The Netgear will not work with either, the Linksys works with both. I even got an RMA from Netgear and the replacement didnt work. I am running the latest firmware also, and also tried previous firmware versions.

Oddly I see this in the Netgear Logs

```
MON JUL 30 19:42:53 2007 time="2007-07-30 19:42:46 Mon " proto=6-  
tcp  
packet - Source:=64.12.161.185 - Destination:=74.229.74.163 -  
[Checksum mismatch, dropping packet Src 2801 Dst 5190 from WAN n/w]
```

```
MON JUL 30 19:44:44 2007 time="2007-07-30 19:44:23 Mon " proto=6-  
tcp  
packet - Source:=207.69.235.28 - Destination:=74.229.74.163 -  
[Checksum mismatch, dropping packet Src 21 Dst 1422 from WAN n/w]
```

If any one has any suggestions it would be greatly appreciated!

Thanks,
Donnie

there is a general problem that sometimes one device is only accepts things strictly, and another sends it leniently. That's just a theory. I have had a computer that only accepted one of my monitors. A ps2-usb adaptor that worked in one comp and not another. But another ps2-usb adaptor worked in both. As far as I am concerned, the one that didn't work in all of them is bad, it's not reliable(in a portable sense).

If netgear won't give you a refund, you could try asking for a different model of netgear router.

You could try changing the cable(telephone cable going from wall to router). Maybe the packet is getting corrupted there.

It could be that the packet being sent is corrupt, and is getting accepted, by other routers you tried, and your OS. You could check the checksum yourself, looking at it with a packet sniffer like ethereal. Maybe the packet sniffer will check it. I don't know the calculation

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offhand.

One thing you could try is changing the MTU. It's a setting that might be related to the IP Header. Try 1500, maybe another value, just to test. I searched for ping 1500, You could try <http://www.opus1.com/www/ping.html> That should ping your machine with different sized packets – you specify the size. It'd be interesting if some get through and not others. Put ethereal on your machine and watch. Hopefully your router doesn't block pings / allows you to tell it to allow them)

Those are really wild suggestions though, stabs in the dark. I'm sure others can do better.

Another suggestion could be to try doing what you are doing locally. So just using the switch aspect of your "home router", see if that works or not.

It looks like you've already tried from different source comps. You could try a different ISP (in uk some dialup ISPs are free to sign up and are PAYG , and they'd go through a different router). It could be your ISP's router that is playing up a bit.

gtg!

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Netgear had me try the MTU, that didnt work. Also, I allowed ALL incoming and ALL outgoing (default) via the rules, and still nothing. If i FTP internally, ftp works, which makes sense as its not getting to the FVS124G. I had this same issue with another Netgear (WGR614), but i could return that one to the store minus a restocking fee. This is really frustrating as the router logs I think points to the issue.

Donnie

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