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Netgear prosafe fvs318g firmware update

Details Doug Reid 10 September 2009 At a Glance Product NETGEAR ProSafe 8-Port Gigabit VPN Firewall (FVS318G) Summary Updated FVS318 w/ Gigabit ports and hardware DMZ port supporting 5 IPsec tunnels Pros • 8 port Gigabit switch • Switchable DMZ port • Bandwidth throttling • Reasonably priced Cons • No Jumbo frames • No VLANs • Doesn't meet 7 Mbps IPsec tunnel throughput spec. NETGEAR has finally improved its mainstay FVS318 Firewall / VPN router, in the form of the FVS318G. The 318G has eight Gigabit LAN ports and new hardware DMZ capability. And it's even smaller than its predecessor, while offering more features. Physically, the 318G has undergone a few changes. It measures only 7.5" x 4.9" x 1.4", while the 318 was 10" x 7.4" x 1.4". All ports are now on the front and NETGEAR has gone with a gray metal case on the 318G versus the "business blue" on the 318. (NETGEAR says that "business grey" is the new "business blue" for its SMB products.) The power switch is gone from the back of the 318G, but it still has an external power wall wart. Figure 1: The FVS318G at work Figure 2 below provides a listing of the front indicators. Figure 2: Front panel indicators Figure 3 shows the spartan back panel. Figure 3: Rear panel My test version came with firmware 3.0.5-25, which isn't released yet. So I downgraded it to the latest production firmware 3.0.5-24. I found the 318G's software very similar to the software on the NETGEAR FVS336G which I reviewed in January 2008. The 318G's menu response seemed slower than the 336G's, which I assume is due to the processor differences between the two routers (more shortly). The focus of this review will be to look at the 318G's strengths and what is new or different from previous models. Functionally, the 318G is more similar to the 336G than the FVS318, minus the 336G's dual WAN ports and SSL VPN capability. So I'll be making frequent comparisons between the 318G and 336G. Internal Details The photo below shows a Star (now Cavium) STR9102 as the "250 MHz" processor that NETGEAR specs, which is supported by 32 MB of RAM and 8 MB of flash. Figure 4: FVS318G board A Broadcom BCM53118 9-Port GbE Switch with 8 integrated 10/100/1000 PHYs is hidden under the large heatsink and what appears to be a Broadcom Gigabit Ethernet PHY connected to the single router WAN port is under the smaller heatsink. The 318G is mid-way between the 318 and 336G in terms of processor, RAM and flash as shown in Table 1. Component FVS318G FVS318G FVS336G Processor Samsung S3C4510 Star (Cavium) STR9102 300 MHz 32-bit RISC RAM 8 MB 32 MB 64 MB Flash 2 MB 8 MB 16 MB Switch Broadcom BCM5317 Broadcom BCM5318 Vitesse? Table 1: Key component comparison Discuss this in the Forums Important: according to EOL NOTICE Netgear is no longer supporting ProSafe products as of September 2017. The last software update for these products was provided in April 2017. NETGEAR Inc. To complete the full exit from the product line, NETGEAR Inc. will no longer provide ProSAFE VPN Firewall software support or subscription updates for any ProSAFE VPN Firewall devices after September 1, 2017. Support for these routers is best-effort. The final resolution may be replacing the device with a recommended router. Some models and firmware versions in this router series do not allow disabling SIP ALG, which causes intermittent one-way audio, phones losing registration, only one phone or several phones not registering, call failures, and many other phone feature failures. Some older version models & firmware versions in the router series do not allow disabling DNS relay/proxy, causing intermittent registration failures on Polycom phones. The FVS318Gv2 and FVS318N do support disabling these features. Resolution Login to your router. Look through each configuration page to see if your router has the option to disable SIP ALG- this option is usually found under a Firewall or WAN setup page. Look through each configuration page to see if your model and firmware has the option to disable DNS relay/proxy - this option is usually found under a page titled LAN Setup or DHCP Server. If your router does not have 1 more or both of those options, then you or your IT will need to upgrade the router's firmware to the latest version. For some FVS-318 models, firmware version 3.0.8-12 does have the option to disable SIP ALG. Intermedia cannot upgrade the firmware for you, but you or your IT can contact Netgear for help upgrading the firmware. After upgrading the firmware, repeat steps 2 & 3. If your router still doesn't have the option to disable SIP ALG, then you will need to replace the router with a recommended router. Intermedia cannot set up the new router for you, but your IT or the manufacturer of your new router can help you. They will need to move settings from the old to the new router to ensure your computers and other devices on the network work properly. FVS318N Resolution Note: Before performing the steps below it is imperative to upgrade your FVS318 with the latest firmware from Netgear. Intermedia cannot do this upgrade for you. Login to your router. Go to Security > Firewall > Attack Checks: Under WAN Security Checks Respond to Ping on Internet Ports: CHECK Leave all other options default Apply Stay in Security > Firewall and go to Advanced Enable SIP ALG: UNCHECK Apply Go to Network Configuration > LAN Setup and edit the VLAN ID 1 (Default) Note This must be your phones IP address range Under DHCP > Primary DNS Server: 8.8.8.8 Secondary Primary DNS Server: 8.8.4.4 DHCP Relay: UNCHECK Enable DNS Proxy: UNCHECK Inter VLAN Routing: UNCHECK WAN Optional DNS Settings: Under Network Configuration > WAN Settings > Broadband ISP Settings > Domain Name Server (DNS) Servers Use These DNS Servers: Check Primary DNS Server: 8.8.8.8 Secondary DNS Server: 8.8.4.4 Apply Was this article helpful? If you need immediate technical assistance, you can: Help us improve our knowledge base. Please note: we do not monitor these comments for support requests. Thank you for your feedback! The perfect spot does it all: be it romance or your router! To avail the best signal and network connectivity, make sure you keep your NetGear FVS318G router visibly and not facing the wall or behind the curtains Auto channels might fail you once in a while, believe that you're smarter than the NetGear router! Find a seamless wireless channel instead of what the router finds automatically. This would ensure that your signal does not interfere with that of your neighbors. If you're running a Windows-based PC, you can see what channels neighboring Wi-Fi networks are using Press Start > type "cmd". Open Command prompt In command prompt type netsh wlan show all You will see a list of all wireless networks and the channels being used in your vicinity. instead of using "Auto" for the control channel, Pick the channel that has the lowest interference Check If NetGear FVS318G has dual-band, the more commonly used band would be 2.4GHz; however, switching to 5GHz would bring out better results! It depends on your device though; if you're running an old lad, you might have to switch back to the conventional Gaming consoles/media streamers work better when connected through Ethernet cable of NetGear FVS318G; in fact, as you might not be moving your TV all over the house, why connect it to the Wi-Fi at all? The gaming consoles / video streaming devices flood the network with data. This means that if possible, you should consider hardwire (using Ethernet cable) the devices that tend to consume a lot of bandwidth. Although this can sort of defeat the purpose of having wireless network, but it can actually help your overall network speed of NetGear FVS318G if you can hardwire the bandwidth hogs Here is something important to note! On schedule, folks, reboot your NetGear FVS318G router! Though routers are built to constantly be running at all times, simple tweak like regular power cycling (a fancy way of saying unplugging the power cord and shoving it back up) helps with most issues. Rebooting your NetGear FVS318G can fix Internet connection problems, improve slow moving connections and resolve wireless issues altogether. Try unplugging your NetGear modem on a quarterly basis to stay proactive (Never reset, always reboot modem) Make: NetgearModel: Prosafe FVS318GDate Tested: 10/21/2011Firmware Tested: V 3.0.7-34 Please be sure to disable the SIP ALG under "Security">"Firewall">"Advanced". Note: The information provided above is from another OnSIP customer offering these settings for other customers with a similar device. OnSIP does not sell nor monitor equipment and/or it's firmware updates/etc. The settings of routers can change and are out of the control of OnSIP. For best results, reach out to the manufacturer directly. Optimize your network for business VoIP with the right router 250 Mb/s Firewall Throughput8 x Gigabit LAN/1 x Gigabit WAN PortsSSL and IPsec VPN Remote Access6000 Maximum Concurrent ConnectionsThe FVS318G-200NAS ProSafe 8-Port Gigabit VPN Firewall Router from Netgear is a business-class VPN Firewall that delivers Stateful Packet Inspection (SPI), Virtual Private Network (VPN), Network Address Translation (NAT), AES, and 3DES Encryption, Denial of Service (DoS) protection and provides full secure network access between headquarter locations, remote/branch offices and remote workers. This makes it the suitable solution to provide businesses with the essential network security needed to stop unwanted intrusions. This VPN router is a SNMP-manageable, network solution that furnishes multi-dimensional security. It comes with a one ProSafe VPN Client Lite license. The VPN router is a SNMP-manageable, network solution that furnishes multi-dimensional security. It comes with a one ProSafe VPN Client Lite license. Hardware-accelerated 250 Mb/s LAN-to-WAN firewall throughput 6000 concurrent connectionsIPv4/IP6 Support 802.1Q VLAN QoS NAT and Classical Routing SIP ALG, VPN PassthroughStateful Packet Inspection (SPI) DoS attack protection Block TCP/UDP packet floods Port/Service Blocking Hardware DMZ port MAC Address filter Web object and keyword-blockingSSL VPN - clientless remote access, anywhere, anytime IPsec VPN secure site-to-site tunnels and client-based remote access Industry-strength encryption algorithms IKE authentication protects against unauthorized remote access L2TP and PPTP ServerControl end user bandwidth consumption with Bandwidth Profiles Prioritize traffic with Quality of Service (QoS) WAN Traffic MeteringAuto Detect connects to your ISP quicklyrDHCP (client and server) for fast deploymentIntuitive web management GUIvIPsec VPN Wizard allows for easy VPN setup vSNMP, telnet management supportvSYSLOG and emailed logs enable through network-monitoring"note":"null"}},{ 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