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r/firewalla



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glitchsys

## Does offloading the NAT to the router make sense?

Just bought a firewalla purple, I'm a fairly advanced user / quite technical. I was wondering if NAT is putting a decent amount of load on the CPU of the device and if it made sense to put the Firewalla in routing mode so that the firewalla just sends the traffic to a gateway on a different subnet.

Example:

[192.168.1.1](#) AT&T BGW320 Gateway (decent CPU)

[192.168.1.2](#) Firewalla WAN interface

[192.168.74.1/24](#) firewalla LAN network

So I'd configure a static route in the AT&T Gateway, [192.168.74.0/24](#) -> [192.168.1.2](#)

And I'd disable NAT in the firewalla, and set the default gateway for the firewalla to be [192.168.1.1](#)

*Now when a device on my home network, like 192.168.74.10 needs to go to 192.168.74.1, the Firewalla would*  
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3



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I wouldn't recommend prematurely optimizing, it will make things more complex with potentially no benefits.

My approach would be to turn everything you want on and benchmark throughput then try the nat configuration you have Here and benchmark again to see if it improves anything. For benchmarking make sure you test it multiple times over a decent length of time and take the average for more accurate values.

My guess is that it probably won't matter, they designed the purple and gold to function as a router and firewall. So you should be able to have everything running without performance issues.



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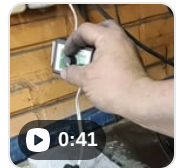
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I'm interesting in upgrading my 28.8 kilobaud internet connection to a 1.5 megabit fiber-optic line. Will you be able to provide an ip router that's compatible with my token-ring ethernet lan configuration?

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