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r/openwrt



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r/openwrt • 8 mo. ago

NWonder_Secret



AdguardHome in OpenWrt router

I just flashed my unused D-Link DIR-842 C2, with Openwrt 22.03.5.

I'd like to know if it is possible that using this router mainly for AGH DNS server?

In view of it's memory limitation, is it feasible to do so? I have about 9 devices connecting to wifi at home.

Thank you in advance.



2



9



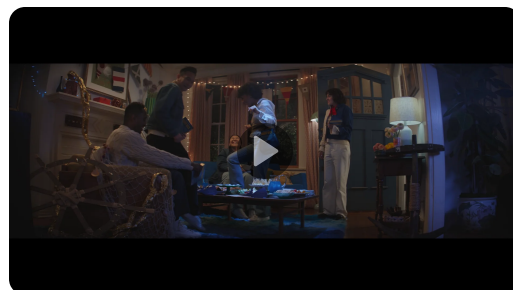
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Vampire_Duchess • 8mo ago • Edited 8mo ago

I've installed AdGuardHome on a NanoPi R4S with 4GB RAM, but you may have faced some hardware limitations. If you're looking for more control and filtering with your DNS server, you could consider installing Adblock-Lean, a package developed by Lynxthecat and Wizzballs.

Adblock-Lean allows you to add HaGeZi adblock lists, similar to AdGuardHome, as both use DNSMASQ (Pi-hole is a fork of DNSMASQ). The installation process is straightforward, and depending on your hardware's RAM limitations, you can choose which lists to use. However, it doesn't have a GUI interface yet. I know someone is working on integrating it into LuCi, but it's still very simple to use.

For devices with less than 254MB or 128MB of RAM (or even less, works with 64 ram), you can use Adblock-Lean very similar like AGH server. Here's the link to the project: <https://github.com/lynxthecat/adblock-lean>.



Reply



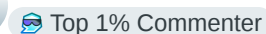
[Skip to main content](#)[Log In](#) 1   Reply ... 1 more reply**TooRareToDisappear** • 8mo agoDid you see this? <https://openwrt.org/docs/guide-user/services/dns/adguard-home>  1   Reply ...**NWonder_Secret** OP • 8mo ago

Thanks i'll read it

 1   Reply ...**bostondana2** • 8mo ago

I found Adguard home works well with my x86_64 opener, but is limited in number of lists for my Belkin rt3200 router and causes the router to stop accepting inputs for Luci GUI or ssh. I can live with the limitations for the rt3200 since it's a secondary route (two wans combined using mwan3 at the x86), but I had to choose my filter list carefully.

Just my \$0.02

 1   Reply ...**NC1HM** • 8mo ago

I'd like to know if it is possible that using this router mainly for AGH DNS server

I wouldn't. There's hardly enough system resources for that on your router (single-core 750 MHz processor, 128 MB RAM, 16 MB storage).

  1   Reply ...**LegitimateCopy7** • 8mo ago

I don't think ADG would even fit in the 16 MB storage along with the OS.

 1   Reply ... 1 more reply

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OpenWRT and ADGuard Home

4 upvotes · 22 comments

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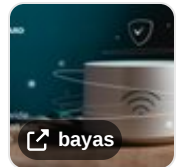
Do you have to let AdGuard Home on OpenWrt update itself outside of opkg? Is ``/opt/AdGuardHome/agh-backup/`` folder strictly required? Would AGH even fit on a 128MB NAND route...

2 upvotes · 20 comments

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I wrote a quick guide to install Adguard Home on OpenWrt

28 upvotes · 28 comments



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AdBlock or AdGuard Home for my setup?

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OpenWrt + Adguard Home + SQM CAKE = better internet (Belkin RT3200)



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adguardhome package in opkg is old

3 upvotes · 7 comments

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My new router setup



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 r/CardPuter • 7 days ago

What can I do with this setup?



36 upvotes · 14 comments

 r/opnsense • 22 days ago

Curious on hardware

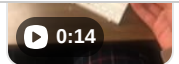
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First PC build.



328 upvotes · 19 comments

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100 upvotes · 5 comments



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Retired T7910 doing well with local AI. Dual RTX 3090 turbo, 48GB total vram, Dual E5-2673 v4, 80 cores, 256GB DDR4, bunch of NVMe and rust drives. Running proxmox, ubuntu VM...



73 upvotes · 31 comments



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2 upvotes · 13 comments



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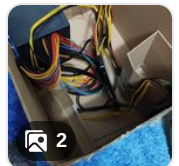
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Adguard Home installation issues

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r/openwrt • 5 mo. ago

About official openwrt 23.05 using Luci-app-AdguardHome

2 upvotes · 1 comment



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