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r/openwrt • 2 yr. ago

LeVraiRoiDHyrule



Beginner in OpenWRT : Can't set Adguard home as my DNS for all my networks

Hi,

I am new to OpenWRT and managed to have my network configured as well as a guest network. Now I'm trying to put everything behind Adguard Home. I tried to follow this guide : <https://openwrt.org/docs/guide-user/services/dns/adguard-home#installation>

But after doing so I have 2 problems :

1. The guest network no longer have DNS access (so no internet)
2. OpenWRT doesn't have internet access (so it can't download opkg packages for example)

Adguard works only for my main network. Could someone help me to set it up properly ? I can't find how.

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2



16



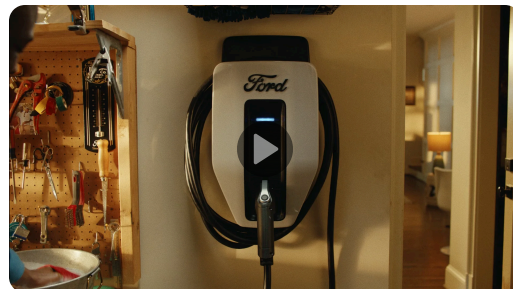
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The ports that can be used by AGH is:

- 53 (unencrypted DNS)
- 443 (DoH)
- 853 (DoT/DoQ)

The alternative is to define multiple bind_hosts (apparently):

<https://forum.openwrt.org/t/solved-adguard-home-and-vlans-that-cant-access-the-internet/151507>

— Starfox

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By default inbound connection on WAN should be blocked.

I ran the 0.0.0.0 configuration for 24 hours and found a few IP addresses (mostly of the v6 variety) that I didn't recognize in my logs under Top Clients. I cannot say for certain that I was serving the entire wide world since I only had logging on for a short time this morning, but I was very spooked.

I've since done this:

```
bind_hosts:
- ::1
- 127.0.0.1
- [router-localIP]
```

and my devices and router can access the internet, and the devices that show up in the client are all lan devices and none of the weird IPv6 addresses that were not my own.

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LeVraiRoiDHyrule OP • 2y ago •

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listens on all interfaces! Thank you so much !

The only thing left I would like to activate is DoH or DoT. But I already have a lot of webservises hosted on a Raspberry Pi, with Caddy as my reverse proxy, which means my 80 and 443 ports are already redirect to the Raspberry. Adguard tells me that port 443 is not available. Is there a way out of this ? How can I make it available ?

What is the best way to get auto renewable certs for Adguard on openwrt ? Before I was using the DoH addon for openwrt, that was taking care of everything by itself. Is there a way to get something similar with adguard ?

Thanks in advance and have a great day

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You can enable DoH but you'd have to listen on a different port, and specify that port in the URI as well. Nothing should be listening on 853 so you can use that for DoT. The alternative would be to install nginx and redirect to individual services via reverse proxy.

I use ACME to get certs for uhttpd, and point to the cert file within AGH itself so I have DoH/DoT. The only downside is that it won't use the updated cert until AGH is restarted, could be automated via cron if strictly necessary.

— Starfox

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LeVraiRoiDHyrule [OP](#) • 2y ago •

OK, thanks a lot for the explanations. I will try this this evening. But I noticed something strange this morning : yesterday, I had everything working perfectly and I had correctly DNS from adguard on my guest network (as I've set it to listen on all interfaces). But this morning, it no longer works. Guests don't have any DNS access. That's strange because I tested it and didn't change anything in between. Could you help me with that? I also don't have any ipv6 incoming. There could be something wrong with my firewall but I can't find what. Here is my config :

Network:

<https://pastebin.com/dLZfRmsK>

Firewall

<https://pastebin.com/b9dT929>

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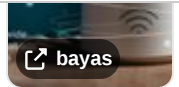
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I wrote a quick guide to install Adguard Home on Openwrt



27 upvotes · 27 comments



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Router DNS issue after installing Adguard Home (devices work fine but not router).

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Need help with OpenWRT (dumb) Acces Point + AdGuardHome combo

8 comments

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is it me or is it opkg?

1 upvote · 1 comment

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OpenWRT and ADGuard Home

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Minion says addons are all up to date, game says they aren't?

1 upvote · 9 comments



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adguardhome package in opkg is old

3 upvotes · 7 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 have no idea how to use RTL_433.

5 upvotes · 8 comments



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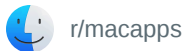
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Just spent 30 minutes seriously confused why I couldn't access my Proxmox server from any of my devices...

131 upvotes · 36 comments



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PSA: If you use GlosSI as a "game" for desktop, you wont have to use -oldbigpicture to use the old OSK and the OSK wont freeze after you close it

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OPNsense 24.7.7 released

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