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r/selfhosted • 2 yr. ago

megatron36



Has anyone used Headscale?

VPN

I'm wondering if anyone has used headscale? <https://github.com/juanfont/headscale>

I just started using tailscale but I don't like the fact that the keys lie on something I don't control, so I was looking for a way to host my own tailscale like site and came across this. this looks like what I was looking for so I was wondering if anyone has tried it and find it a viable and stable for the use case for a small home network or two



109



55



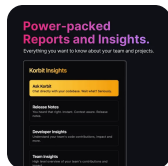
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exuviate • 2y ago

I've been using headscale for a bit now, would definitely recommend. The docs in the GitHub are pretty easy to follow, and it's more or less feature complete for most of the stuff I want, although it doesn't do everything Tailscale does.

My setup is Headscale + Caddy L4 TCP passthrough + OIDC provider (Authentik) on a VPS (have used both Oracle Cloud and Contabo in the past). Caddy routes everything through one namespace in headscale onto my local machines. I have another namespace that's for my laptop, PC, and phone as well. Happy to answer any questions!



40



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16 more replies

Erwyn • 2y ago

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to deal with identities.

I love it, and I love tailscale.

↑ 11 ↓ ○ Reply ...

⊕ [deleted] • 2y ago



PixelAgent007 • 2y ago

Another option (though not as popular) is [Netbird](#)

↑ 9 ↓ ○ Reply ...

⊕ 4 more replies



tvcvt • 2y ago

I've used a bunch of these and I think they all have their place. I ended up switching over to [Netmaker](#) because it's also Wireguard-based and its web-ui makes it easy to add and remove clients and have some fine-grained control over each one's access.

You can pretty much do the same stuff with headscale, but it's the type of thing I'd do infrequently enough that I'd have to spend all of my time in the man page each time I had to make a change.

↑ 11 ↓ ○ Reply ...

⊕ 1 more reply



IngwiePhoenix • 2y ago

Been using Headscale for a few weeks. Its super lightweight, its default SystemD unit is absurdly protective (it makes sure that headscale can only access and do what it truly needs and runs as an underprivileged user on purpose) and it should be possible to use it in something like a free fly.io instance. Haven't made that work just yet - but that is very much a me-problem. Connections have been rock solid and stable, config is super small and simple. :)

↑ 7 ↓ ○ Reply ...



2cats2hats • 2y ago

Discussion in [here](#).

↑ 6 ↓ ○ Reply ...



DekiEE • 2y ago

I did not have time yet to try it, but [nebula](#) looks amazing

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This kinda really interesting, I just was seeing mistborn now this. Looks like I might have a busy weekend

↑ 1 ↓ ○ Reply ...

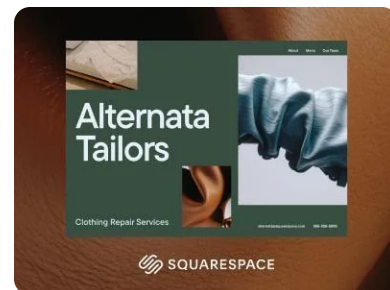


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⊕ [deleted] • 2y ago



mrpink57 • 2y ago

I recently moved from tailscale to headscale and am very happy with it, I prefer to have users logged in to there devices instead of me using my SSO login on all there devices, so now I can see what device is connected.

Also just today I setup Authentik ad my OIDC provider, so now the behavior is similar to logging in to an SSO provider on Tailscale. It also makes user management much easier.

⊖ ↑ 4 ↓ ○ Reply ...



megatron36 OP • 2y ago

You have a good how to guide for that? Or did you just wing it?

↑ 2 ↓ ○ Reply ...

⊕ 1 more reply



Rahul159359 • 2y ago

Try selfhosting mistborn

⊖ ↑ 3 ↓ ○ Reply ...



megatron36 OP • 2y ago

Wow this project looks really interesting. I might play with it as it has a bunch of stuff I want to implement

↑ 1 ↓ ○ Reply ...



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I setup headscale because I was looking for something I could self-host but also have a really high quality user app experience. Unfortunately, using the Tailscale clients with headscale require some workarounds to get them to connect to a headscale server, for example on windows requires use of regedit.

So I was hoping for something stupid easy for family but it didn't really provide it.

Also, adding a client is kinda annoying and requires typing or transferring long strings of characters.

In the end I think it would be easier to have someone install Wireguard and then import the config file.

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pinks_wall • 2y ago

There's [Tailnet lock](#). It's a little bit annoying when adding devices, but it's okay

↑ 3 ↓ [Reply](#) ...



trancekat • 2y ago

Is there a benefit over just having your openwrt router be your vpn termination point?

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56 comments



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