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r/docker



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r/docker • 2 yr. ago

pretty_succinct



running a docker with a torrent client and vpn INSIDE the container... bad idea?

okay, I've got some docker savvy, and have been building a compose project that starts up a variety of home-media services (calibre-web, mediamonkey, plex, etc.).

currently, im working on a qbittorrent service for the compose file. obviously, I need a vpn for any kind of torrenting activity, that's just a given. all the guides and projects I see online take the route of running the composition on a host machine and having the VPN on the host machine providing protection for the traffic coming and going to the docker services; I'd to avoid this so my host doesn't always need to be VPN connected and so the VPN doesn't interfere with the other services my machine is providing.

with that in mind, I guess my questions are: is there anything wrong with installing openvpn stuff on the qbittorrent docker container? are there a security ramifications I haven't considered?

edit: grammar



26



71



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12_nick_12 • 2y ago

There's a couple docker containers out their built just for that.



17



Reply



pretty_succinct OP • 2y ago

I'm not seeing them, or at best in finding one's with the privileged flag set and I'm reluctant to set it. it doesn't feel like i should have to give the container privilege just to run a vpn...

[Skip to main content](#)[Log In](#)**flowstate** • 2y ago

You definitely *could* run your VPN process within the same container as your download client. However, my suggestion would be to run the VPN process within it's *own* container, and then point your other containers to it's network ([u/SP3NGL3R](#) provides a good example of this).

Note usage of the "cap_add" and "privileged" settings on the vpn container, and how the "network_mode" for other containers point back to the vpn service.

Not only does this preserve the best-practice of single-process containers, but it provides an easier way of running other containers behind the VPN as well.

⬇ 10 ⬆ Reply ...

**pretty_succinct** [OP](#) • 2y ago

this is good stuff
thanks dude

i've been reluctant to add the cap_add and privileged stuff, because the last time i did it seemed to mess with the host network in such a way that it would trigger the nordvpn network killswitch on my host, so i would occasionally get network dropouts

ill give [u/sp3ngl3r](#)'s paste a once over. it seems pretty similar in concept to this one here...
<https://github.com/bubuntux/nordvpn>

⬆ 1 ⬇ Reply ...

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**SP3NGL3R** • 2y ago • Edited 2y ago

I run one compose/stack that does two networking paths.

VPN + NZB + Torrent (it's WireGuard, but should be same for OpenVPN)

NoVPN + *arrs

It works perfectly, and uses the VPN where I want only.

Here: <https://pastebin.com/YAtyjPZN>

⬆ 7 ⬇ Reply ...

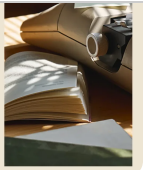
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Illustrator-Greedy • 2y ago • Edited 2y ago

I use gluetun <https://github.com/qdm12/gluetun> supports multiple vpn providers

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⊕ 3 more replies



doubleopinter • 2y ago

Qbittorrentvpn

↑ 2 ↓ ○ Reply ...



pielman • 2y ago

I used to do this, docker, torrent client with vpn but then I discovered real-debrid which is basically downloads the torrent for you and you can download it full speed via web. Later I discovered that Real-debrid has an API extension and you can mount all torrent downloads as a virtual drive. It's absolutely end game in regards of torrent handling, no more torrent client, no more uploading etc.

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⊕ 2 more replies



Fordwrench • 2y ago

Check out yams.media. great setup. With gluetun VPN and qbittorrent

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How to make torrent client docker container use a VPN?

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r/docker • 7 mo. ago

Docker needs to make IPv6 support not suck so much.

14 comments



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VPN At Router Level - How To Check If It Is Working With The VM/Container

1 upvote · 11 comments



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Is this even possible, run open vpn client on one interface and open vpn server on another

6 upvotes · 6 comments



r/CasaOS • 2 yr. ago

Is it possible to connect CasaOS as a client to a VPN with split tunneling? Or is it easier (if it's possible) to just connect the containers themselves to the VPN?

3 upvotes · 6 comments



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