

[Skip to main content](#)

r/Tailscale



Search in r/Tailscale

[Log In](#)

r/Tailscale • 1 yr. ago

Mneasi



Docker container ignoring TS vars?

[Help Needed](#)

Hey all,

I deployed tailscale to my local network to a lab rpi running pontainer - no surprises here....

The problem is, that the tailscale daemon running inside the container seems to b given the TF_ROUTES in my compose file. Nope.... It exposed nothing until I connected to the container and ran `tailscale set --advertise-routes= providing the authkey as an argument.

```
version: "3.3"
services:
  tailscale:
    privileged: true
```

[Read more](#) ▾

3



11



Share

[Join the conversation](#)

adobe • Official • Promoted



Photo editing has never been easier with Generative Remove in Adobe Lightroom. In just a touch, you can remove any distraction without leaving a trace.

[Learn More](#)[adobe.com](#)Sort by: **Best** ▾

Search Comments



julietscouse • 1y ago • Edited 1y ago

When you bring the tailscale docker container up and look at the docker logs do you see any errors?



Reply



[Skip to main content](#)[Log In](#)

```
2024/01/03 11:52:32 health("router"): error: setting up filter/ts-input: running [/s
iptables v1.8.9 (legacy): can't initialize iptables table `filter': Table does not
```

which I resolved by adding `TS\_DEBUG\_FIREWALL\_MODE=auto` (and the firewall mode changed to `nft-inuse` from `ipt-default`).

Worth mentioning that after setting this variable what apparently helped tailscaled to perform `wgengine: Reconfig: configuring DNS` and do its DNS thing and it look ok'ish now (I don't have a way how to check as the subnet is already exposed after running the manual command I mentioned earlier), yet I'd still expect the device to register automatically using the provided authky as this is likely happening in an earlier stage.

;tldr not sure if the firewall mode was blocking the login and other tasks as these worked fine when issued manually inside the container.

↑ 1 ↓ [Reply](#) ...

⊕ 1 more reply



techie4hire • 1y ago • Edited 1y ago

[Skip to main content](#)[Log In](#)

```
version: '3.9'
services:
  tailscale:
    image: tailscale/tailscale:${TAG}
    container_name: tailscaled
    cap_add:
      - NET_ADMIN
      - NET_RAW
    environment:
      #- TS_HOSTNAME=${TS_HOSTNAME} # Usually not necessary for your hostname to be the
      #- TS_AUTHKEY=${TS_AUTHKEY} # Generate auth keys here: https://login.tailscale.co
      #- TS_AUTH_ONCE=${TS_AUTH_ONCE}
      - TS_ROUTES=${TS_ROUTES} # Creates a subnet router for Tailscale. Use your subnet
      - TS_ACCEPT_DNS=${TS_ACCEPT_DNS} # Set to false for Pi-hole Docker setups
      - TS_SOCKET=${TS_SOCKET}
      - TS_EXTRA_ARGS=${TS_EXTRA_ARGS} # Add any other supported arguments in the docke
      - TS_STATE_DIR=${TS_STATE_DIR} # Required to create a persistent container state
    volumes:
      - ${HOST_DIR}:/var/lib # Creates a tailscale directory under HOST_DIR for persist
      - /dev/net/tun:/dev/net/tun
    network_mode: host
    restart: unless-stopped
```

And, some sample env variables

```
TAG=latest
TS_ROUTES=192.168.1.0/24
TS_ACCEPT_DNS=false
TS_SOCKET=/var/run/tailscale/tailscaled.sock
TS_EXTRA_ARGS=-advertise-exit-node
TS_STATE_DIR=/var/lib/tailscale
HOST_DIR=/data
```

A few notes:

I've found that not using TS_AUTHKEY is more convenient for me. Simply look in the Portainer-Log for the container after starting it, and the usual auth link can be found there, which can be copied and pasted into your browser.

My example is from a Pi-hole DNS server, which has been setup to also be a subnet router and exit node. TS_ACCEPT_DNS=false, is required for this Pi-hole example, but normally would not be used.

I would suggest removing privileged:, PUID=, GUID= and command: as none of these are required, and could have unintended consequences.

[Skip to main content](#)[Log In](#)

Airuss • 1y ago

Hi, would you know which env variables should I use for `--snat-subnet-routes=false`?

I tried running it with `TS_EXTRA_ARGS=--snat-subnet-routes=false` and also `docker exec tailscale tailscale up --snat-subnet-routes=false` but nothing is happening.

↑ 1 ↓ ○ Reply ...

⊕ 2 more replies



MarquisDePique • 1y ago • Edited 1y ago

You're not alone, I have this issue as well. Experimenting in the last 48 hours, I can also see that a docker compose is passing environment variables such as `TS_AUTHKEY` to the current tailscale/tailscale latest container and the container is stuck waiting on auth as if it's not looking at this (or any other variable provided).

Edit : don't execute the daemon direct. See other post

⊖ ↑ 1 ↓ ○ Reply ...



Mneasi OP • 1y ago

Funny stuff.... I was migrating my tailscale container to a different server and hit exactly the same issue as the one I reported. This time, I made sure I put ``TS_DEBUG_FIREWALL_MODE=auto`` in so I am sure the container wouldn't interrupt the init phase because of some dumb network config issue but nope - ``TS_AUTHKEY`` and also ``TS_ROUTES`` were simply happily ignored even this time and I had to exec to the container and run the respective commands manually...

↑ 1 ↓ ○ Reply ...



MarquisDePique • 1y ago

command: `tailscaled`

Remove this. You want the docker to execute the wrapper it's built with - that's what pulls the env var's into a CLI line - you're calling the daemon direct which will ignore the env vars.

Made the same mistake :P

⊖ ↑ 1 ↓ ○ Reply ...



Mneasi OP • 1y ago

Ah makes sense! I was under impression that ``tailscaled`` reads the env variables of the container. Thanks for head up! :)

↑ 1 ↓ ○ Reply ...



srzx • 1y ago

[Skip to main content](#)[Log In](#)

thanks!

 1   Reply ...

New to Reddit?

Create your account and connect with a world of communities.



Continue with Google



Continue with Email



Continue With Phone Number

By continuing, you agree to our [User Agreement](#) and acknowledge that you understand the [Privacy Policy](#).



r/Tailscale • 3 mo. ago

Now you can use TSDProxy even without docker in v1.1.2

38 upvotes · 15 comments



r/unRAID • 4 mo. ago

Can't work out why Docker containers taking up so much space

16 upvotes · 22 comments



r/Tailscale • 9 mo. ago

How to connect docker containers to tailscale?

9 upvotes · 13 comments



r/selfhosted • 6 mo. ago

What Backup Strategy for Docker Volumes?

55 upvotes · 22 comments



r/unRAID • 24 days ago

Better Docker container management options?

33 upvotes · 38 comments

[Skip to main content](#)[Log In](#)

7 upvotes · 8 comments



r/selfhosted • 2 mo. ago

Is there a way to backup and restore Docker Containers and Volumes?

14 upvotes · 16 comments



r/selfhosted • 7 mo. ago

So what is the best way to backup my docker image volumes?

21 upvotes · 25 comments



r/unRAID • 7 mo. ago

Better way to interact with docker compose

13 upvotes · 17 comments



r/unRAID • 7 mo. ago

Cannot connect to Docker containers by IP address on br0 custom network when connecting remotely by Tailscale and I can't figure out what I'm doing wrong. All help greatly appreciated! Thank you!

6 upvotes · 6 comments



r/selfhosted • 14 days ago

Best way to backup docker containers?

18 upvotes · 35 comments



r/selfhosted • 18 days ago

Looking for an overview of Docker containers with newer tags available 🙄

8 upvotes · 10 comments



r/unRAID • 3 mo. ago

The new Tail-scale feature for specific docker containers is awesome!

69 upvotes · 44 comments



r/selfhosted • 2 mo. ago

How do you back up your Docker Compose / container setup

136 upvotes · 189 comments



r/selfhosted • 3 mo. ago

[Skip to main content](#)[Log In](#)

r/selfhosted • 1 mo. ago

Docker Compose Approach with Lots of Containers

46 upvotes · 98 comments



r/selfhosted • 5 days ago

Anyone else psychotically keep ALL docker containers on one LXC?



275 upvotes · 146 comments



r/unRAID • 1 mo. ago

Is Docker faster in 7.0? Recreating my docker image, and everything is moving at a blazing speed.

31 upvotes · 27 comments



r/homelab • 1 yr. ago

How to stop all docker containers on Synology?

2 comments



r/SillyTavernAI • 1 yr. ago

SillyTavern openai api extention not working?

3 upvotes · 6 comments



r/selfhosted • 4 mo. ago

Windows Inside a Docker Container



401 upvotes · 109 comments



r/homelab • 5 mo. ago

How do you backup your docker volumes?

4 upvotes · 24 comments



r/homelab • 1 mo. ago

How do you manage your docker containers?

1 upvote · 56 comments



r/audiobookshelf • 8 mo. ago



Log In



r/unRAID • 1 yr. ago

"new" SLSKD Docker on CA - anyone getting it working?

5 upvotes · 16 comments

TOP POSTS



Reddit

reReddit: Top posts of January 3, 2024



Reddit

reReddit: Top posts of January 2024



Reddit

reReddit: Top posts of 2024