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r/Tailscale



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[Log In](#)**r/Tailscale** • 3 yr. ago
Upstairs-Bread-4545

Running Tailscale in Docker with Subnet Routes

I'm just playing around with Tailscale the first time, did set up 4 devices (iPhone, Macbook M1, Raspberry Pi 4 and a Windows Machine) and that did work right out of the box

then I looked into Subnet Routes and saw that this is only available under linux and made it work running bare metal on the Raspberry itself

```
sudo tailscale up --advertise-routes=192.168.0.0/24
```

but as im a big fan of docker I wanted to try it out, got the container up and running but I can't seem to get subnet routes working

tried the official image and then manually to add the routes with

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11



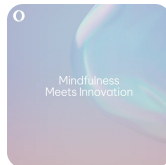
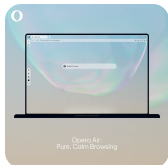
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**crazyclue** • 3y ago

Did you try running the container in priveleged mode? I'm not the most informed on the exact implementation of cap-add NET_ADMIN, but does it allow proper access to /dev/net/tun on host?



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have running adguard containers running with NET_ADMIN

thought i had privileged in my compose will try to run it with

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Upstairs-Bread-4545 OP • 3y ago

feeling so dumb right now... I am sure at some point I had "privileged: true" in my compose... added it and now it works

thanks

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Without-Sign • 2y ago

I was searching too

from: <https://hub.docker.com/r/tailscale/tailscale>

TS_ROUTES: tailscale --advertise-routes=

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scytob • 3y ago

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command, i mean geez what container doesnt have a default entry point?! - wow this project has one of the most terribly constructed docker images and getting started doc, and yes i can and have done better myself).

not sure why but i am getting nowhere with this, this is my log and YES my host kernel does have tun module and probe works just fine on the host.

also made sure i set to privileged and add the CAP

any ideas?

```
2022/02/14 23:42:38 logtail started
```

```
2022/02/14 23:42:38 Program starting: v1.20.4-t8e32002cf, Go 1.17.6-tse44d304e54:
[[]string{"tailscaled"}]
```

```
2022/02/14 23:42:38 LogID:
```

```
98bc02a786cf692a8d62e34909c6e23cc422293efa5654d1cfb48a29f1bcf9ab
```

```
2022/02/14 23:42:38 logpolicy: using system state directory "/var/lib/tailscale"
```

```
2022/02/14 23:42:38 wgengine.NewUserspaceEngine(tun "tailscale0") ...
```

```
2022/02/14 23:42:38 Linux kernel version: 5.10.0-11-amd64
```

```
2022/02/14 23:42:38 is CONFIG_TUN enabled in your kernel? \ modprobe tun` failed with:
modprobe: can't change directory to '/lib/modules': No such file or directory`
```

```
2022/02/14 23:42:38 wgengine.NewUserspaceEngine(tun "tailscale0") error:
tstun.New("tailscale0"): operation not permitted
```

```
2022/02/14 23:42:38 flushing log.
```

```
2022/02/14 23:42:38 logger closing down
```

```
2022/02/14 23:42:38 logtail: dialed "log.tailscale.io:443" in 79ms
```

```
2022/02/14 23:42:38 createEngine: tstun.New("tailscale0"): operation not permitted
```

⊖ ↑ 1 ↓ ○ Reply ...



Upstairs-Bread-4545 OP • 3y ago

do you have tailscale running on your host?

had to deinstall it from the host to get the container running

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r/Tailscale • 10 mo. ago

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9 upvotes · 13 comments



r/Tailscale • 10 mo. ago

Should I install Tailscale on bare metal or docker?

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Tailscale runs automatically, CONSTANTLY: What can I do with it?

3 upvotes · 16 comments



r/Tailscale • 7 mo. ago

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10 upvotes · 24 comments



r/Tailscale • 5 mo. ago

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10 upvotes · 9 comments



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Help me get my head straight - Tailscale and Kubernetes

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r/Tailscale • 1 yr. ago

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Install tailscale in a raspberry with no desktop env

7 upvotes · 10 comments

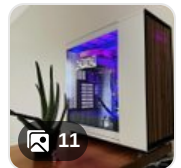
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Anyone know why my custom domain is not working with Tailscale?

3 upvotes · 15 comments

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I Developed a Minimalist Linux Distro with Tailscale Built-In 🚀



492 upvotes · 49 comments

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2 comments



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31 upvotes · 11 comments



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