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Configure a subnet router

This topic is a quick guide for configuring subnet routers in a tailnet. For more detailed information, see [Subnet routers](#).

To use a tailnet device as a subnet router, select your platform and complete the steps.

Linux

macOS

Windows

tvOS

Android

1

Download and install the Tailscale client.

2

Open a terminal session on the device and enable IP forwarding.

If your Linux system has a `/etc/sysctl.d` directory, use:

```
echo 'net.ipv4.ip_forward = 1' | sudo tee -a /etc/sysctl.d/99-tailscale.conf
echo 'net.ipv6.conf.all.forwarding = 1' | sudo tee -a /etc/sysctl.d/99-tailscale.conf
sudo sysctl -p /etc/sysctl.d/99-tailscale.conf
```

Otherwise, use:

```
echo 'net.ipv4.ip_forward = 1' | sudo tee -a /etc/sysctl.conf
echo 'net.ipv6.conf.all.forwarding = 1' | sudo tee -a /etc/sysctl.conf
sudo sysctl -p /etc/sysctl.conf
```

3


In the terminal session, advertise subnet routes for the device. Replace the subnets in the example below with the subnets for your network.

```
sudo tailscale set --advertise-routes=192.0.2.0/24,198.51.100.0/24
```

4

Go to the [Machines](#) page of the admin console and locate the device in the list. It should display the **Subnets** badge.

5

Select the  menu, then select **Edit route settings**.

6

Check the IP range boxes that correspond to the subnet routes you want to advertise, then select **Save**.

For more information about subnet router configuration with Tailscale, see [Subnet routers](#).

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