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# Configure a subnet router

i 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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