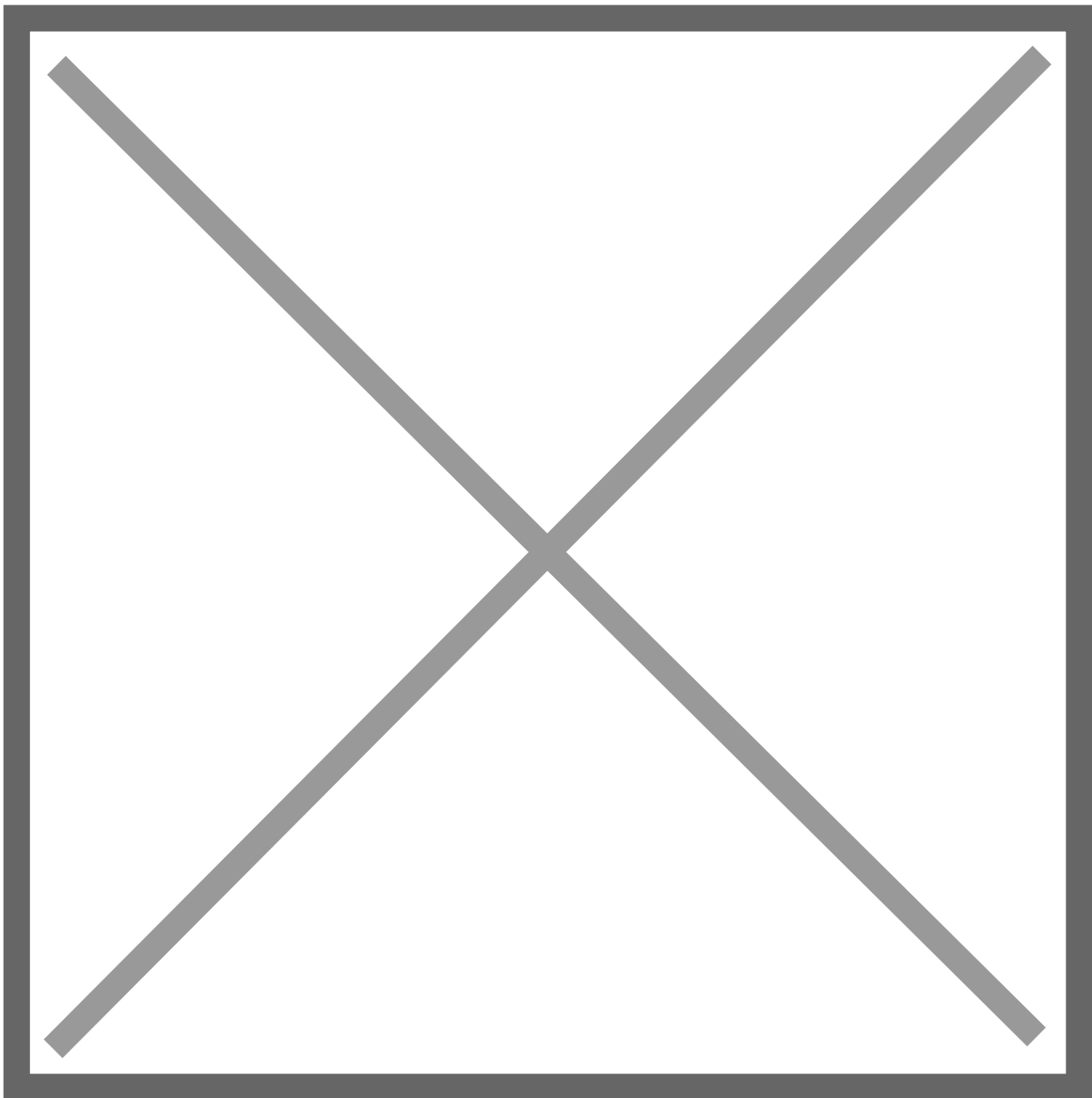


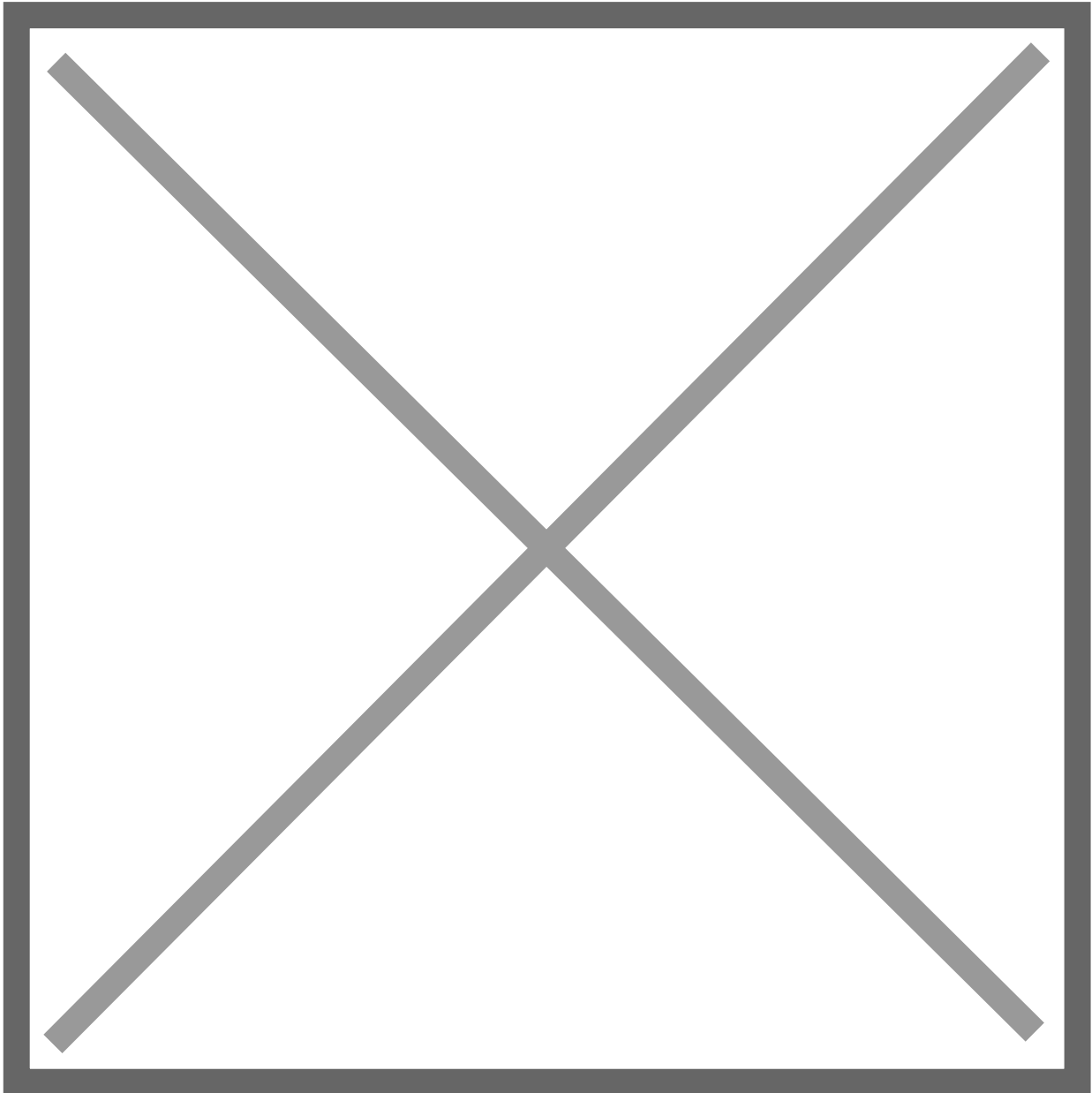
2.0 Creating a Tailscale Connection

Adding a Device

1. Go to your [Tailscale Admin Console](#)
2. Add new machine on user's Tailscale
 - Add device > Linux Server



3. Generate install script



4. Copy and paste install script into user's Ubuntu Server VM (*might have to manually type it out if ssh isn't configured // all one continuous line*)

EXAMPLE:

```
curl -fsSL https://tailscale.com/install.sh | sh && sudo tailscale up --auth-key=tskey-auth-kEc5KrucPv11CNTRL-rsE7QpaFhNeKRnTdUALKjgbkJ2Vg
```

5. Start up Tailscale in it:

```
sudo tailscale up
```

6. Open the given login link and sign into Tailscale

Configure Advertised Subnet Routes

1. To connect to [Tailscale as a subnet router](#), type in the following commands:

Note - Change the advertise routes according to your subnet in a home lab environment

***Any confusion on command syntax/structure can be clarified in [Legend](#)**

```
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
```

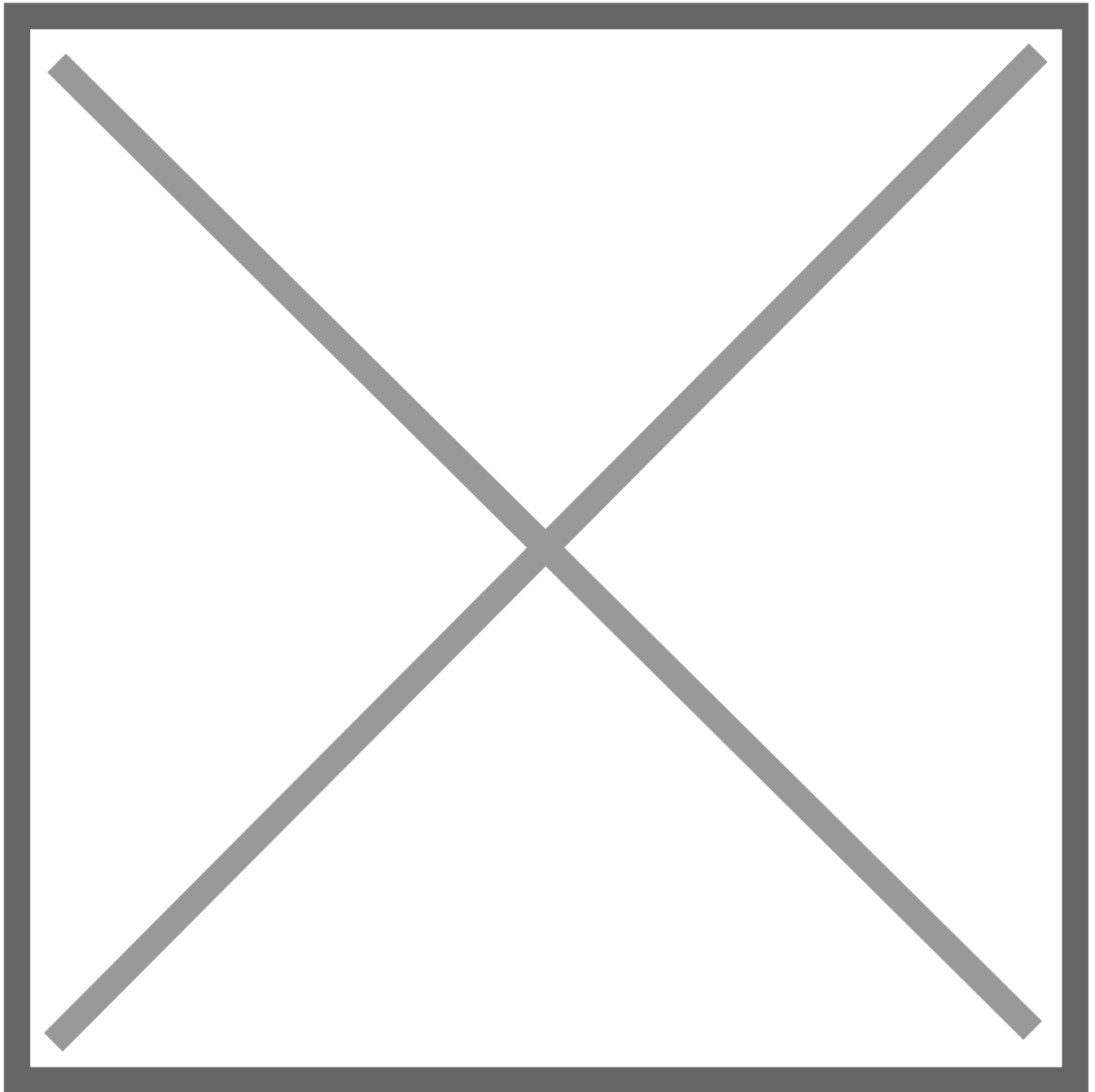
2. To advertise subnet routes, type into the shell:

CIDR Notation uses a slash (/) and a number to indicate the length of the network prefix (e.g. 10.0.0.0/24)

```
sudo tailscale up --advertise-routes=[IP ADDRESS CIDR]
```

3. Enable the configured route on Tailscale
 - Edit route settings > Check the box with the IP route > Save

IMAGE SHOWING WHERE TO EDIT ROUTE SETTINGS:



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Contributors: Lilian, Vivian

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