

WireGuard (VPN)

WireGuard® is an extremely simple yet fast and modern VPN that utilizes state-of-the-art cryptography. It aims to be faster, simpler, leaner, and more useful than IPsec, while avoiding the massive headache. It intends to be considerably more performant than OpenVPN.

- [WireGuard](#)

WireGuard

- Each Ultra.cc service comes with a total of five different peer configurations that you can use to connect to your WireGuard service.
- This means that at one time, you can have a total of 5 different devices connected to your WireGuard service.

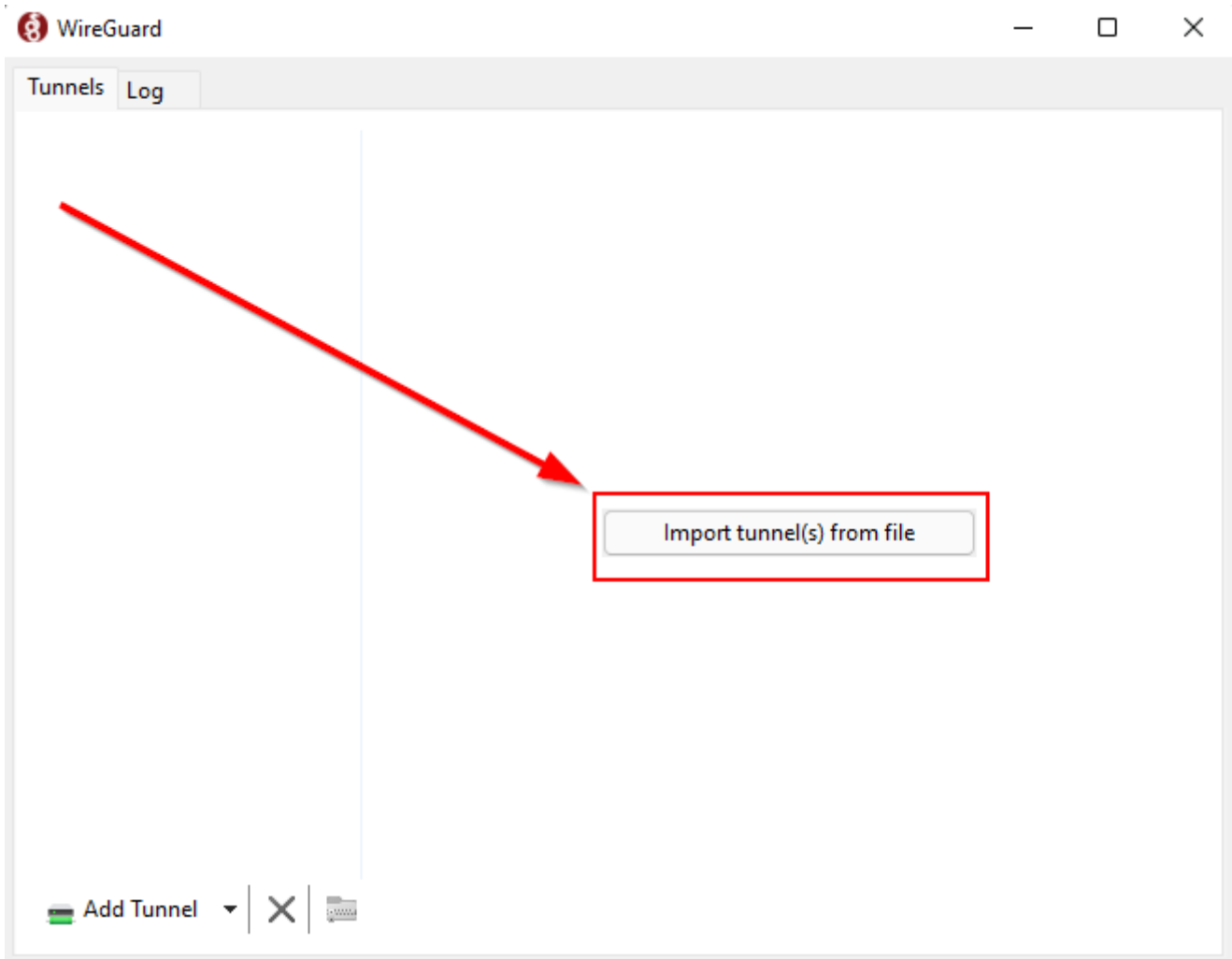
Install WireGuard on your Ultra.cc Service

- Log in to your [Ultra Control Panel](#).
- Go to the **Installers** tab and install **WireGuard**.
- Next, go to the **Apps** tab, find **WireGuard** in the list and click the **Show Info** button to reveal your configuration files.
 - For easier management, you can set a custom **Config Label** for each individual configuration file.

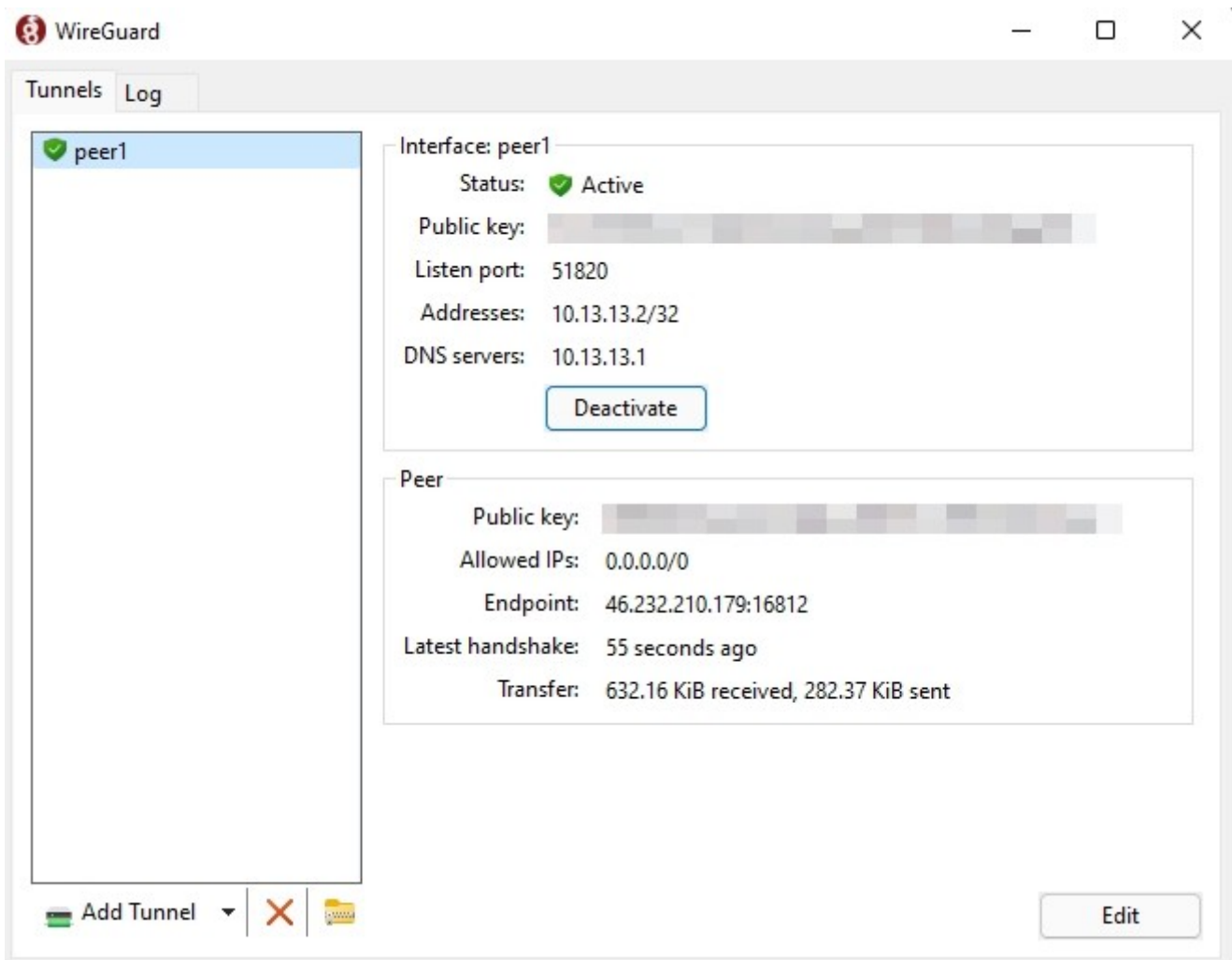
Setup WireGuard on your Device

Windows

- Log in to your [Ultra Control Panel](#).
- Go to the **Apps** tab, find **WireGuard** in the list and click the **Show Info** button to reveal your configuration files.
- Click on **View Config (#)** for one of the configurations and save it on your PC by clicking on the **Download** button.
- Download WireGuard for Windows [here](#) and install it.
- Launch WireGuard and click on **Import tunnel(s) from file**.



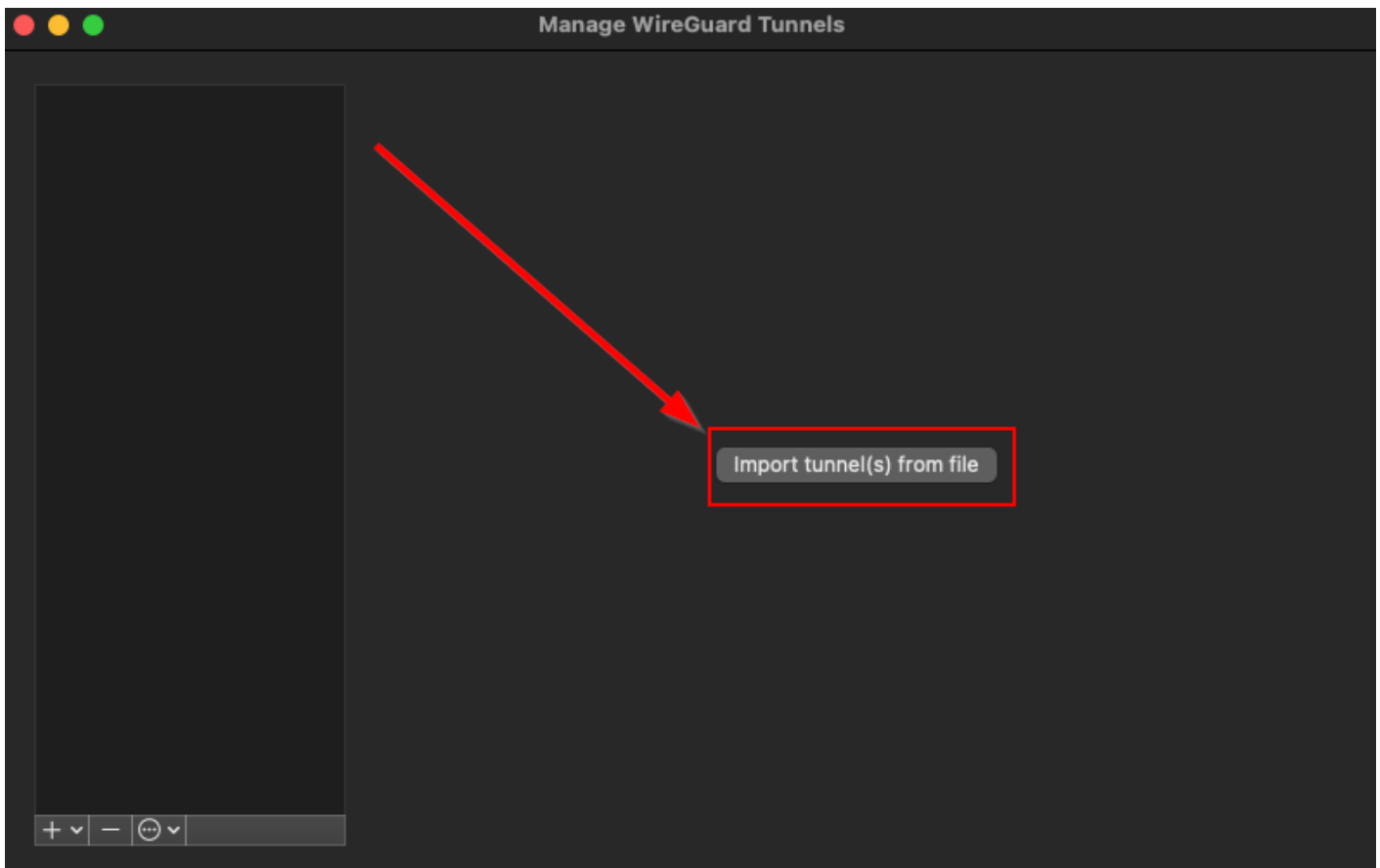
- Choose the `wireguard-config-peer#.zip` file that you downloaded. In the example given below, we are using `peer1`.
- Click on **Activate**.



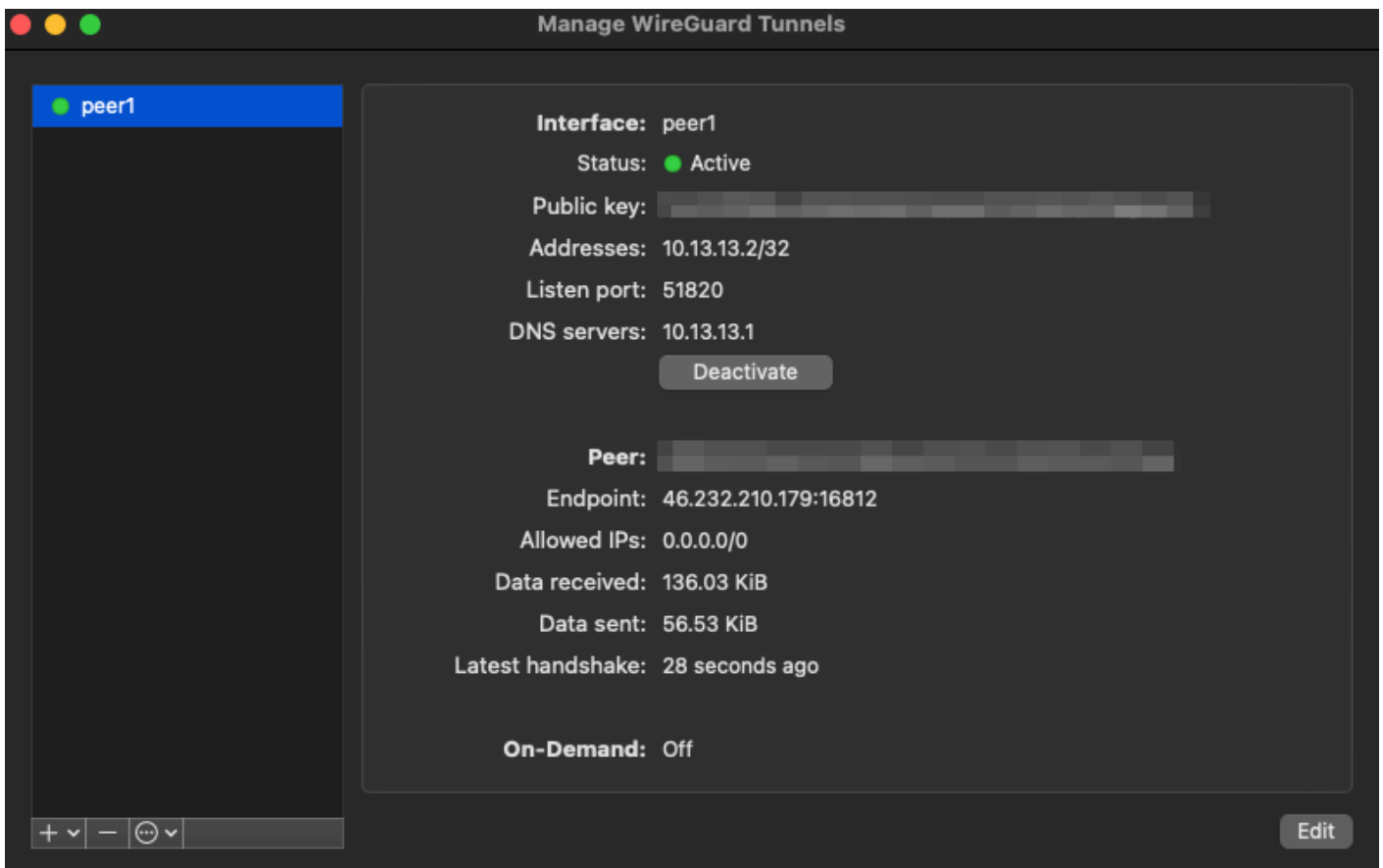
- Check your IP address from [What is my IP address](#) to confirm that the VPN connection is working.

MacOS

- Log in to your [Ultra Control Panel](#).
- Go to the **Apps** tab, find **WireGuard** in the list and click the **Show Info** button to reveal your configuration files.
- Click on **View Config (#)** for one of the configurations and save it on your PC by clicking on the **Download** button.
- Launch the **App Store** and search for **WireGuard**.
- Click on **Get** and then **Install**.
- Launch **WireGuard** using SpotLight Search or by using the **Open** button in the **App Store**.
- Click on **Import tunnel(s) from file**.



- Choose the `wireguard-config-peer#.zip` file that you downloaded. In the example given below, we are using `peer1`.
- Click on `Activate`.



- Check your IP address from [What is my IP address](#) to confirm that the VPN connection is working.

Linux (Ubuntu)

- Specific install instructions for `Ubuntu 20.04 LTS` have been described below. They may differ slightly for other Linux Distros.
- You can view install instructions for other Linux distros over [here](#).
- Log in to your [Ultra Control Panel](#).
- Go to the **Apps** tab, find **WireGuard** in the list and click the **Show Info** button to reveal your configuration files.
- Click on **View Config (#)** for one of the configurations and save it on your PC by clicking on the **Download** button.
- Launch a **Terminal** window to execute some commands.
- Install `wireguard`, `resolvconf` & `unzip`:

```
sudo apt install wireguard resolvconf unzip
```

- Navigate to the directory that you downloaded your WireGuard configuration to and extract the `*.conf` file from it. Let us assume that the download was made to `~/Downloads` and that `Config (1)` was downloaded:

```
cd ~/Downloads/  
unzip wireguard-config-peer1.zip *.conf
```

Note: The `wireguard-config-peer#` will change depending on the configuration that you have downloaded.

- Move the extracted configuration file `peer1.conf` to `/etc/wireguard/`.

```
sudo mv peer1.conf /etc/wireguard/
```

Note: The `peer#` will change depending on the configuration that you have downloaded.

- Reload systemd daemon and then start the WireGuard service:

```
sudo systemctl daemon-reload  
sudo systemctl start wg-quick@peer1
```

Note: The `peer#` will change depending on the configuration that you have downloaded.

- Check the status of WireGuard, it should look similar to the screenshot given below:

```
sudo wg
```

```
[ultradocs@roxy ~]$ cd ~/Downloads/
[ultradocs@roxy Downloads]$ unzip wireguard-config-peer1.zip *.conf
Archive:  wireguard-config-peer1.zip
  inflating: peer1.conf
[ultradocs@roxy Downloads]$ sudo mv peer1.conf /etc/wireguard/
[ultradocs@roxy Downloads]$ sudo systemctl daemon-reload
[ultradocs@roxy Downloads]$ sudo systemctl start wg-quick@peer1
[ultradocs@roxy Downloads]$ sudo wg
interface: peer1
  public key: [REDACTED]
  private key: (hidden)
  listening port: 51820
  fwmark: 0xca6c

peer: [REDACTED]
  preshared key: (hidden)
  endpoint: 46.232.210.179:16812
  allowed ips: 0.0.0.0/0
  latest handshake: 12 seconds ago
  transfer: 1020 B received, 724 B sent
[ultradocs@roxy Downloads]$
```


- Check your IP address from [What is my IP address](#) to confirm that the VPN connection is working.
- Stop the WireGuard service:

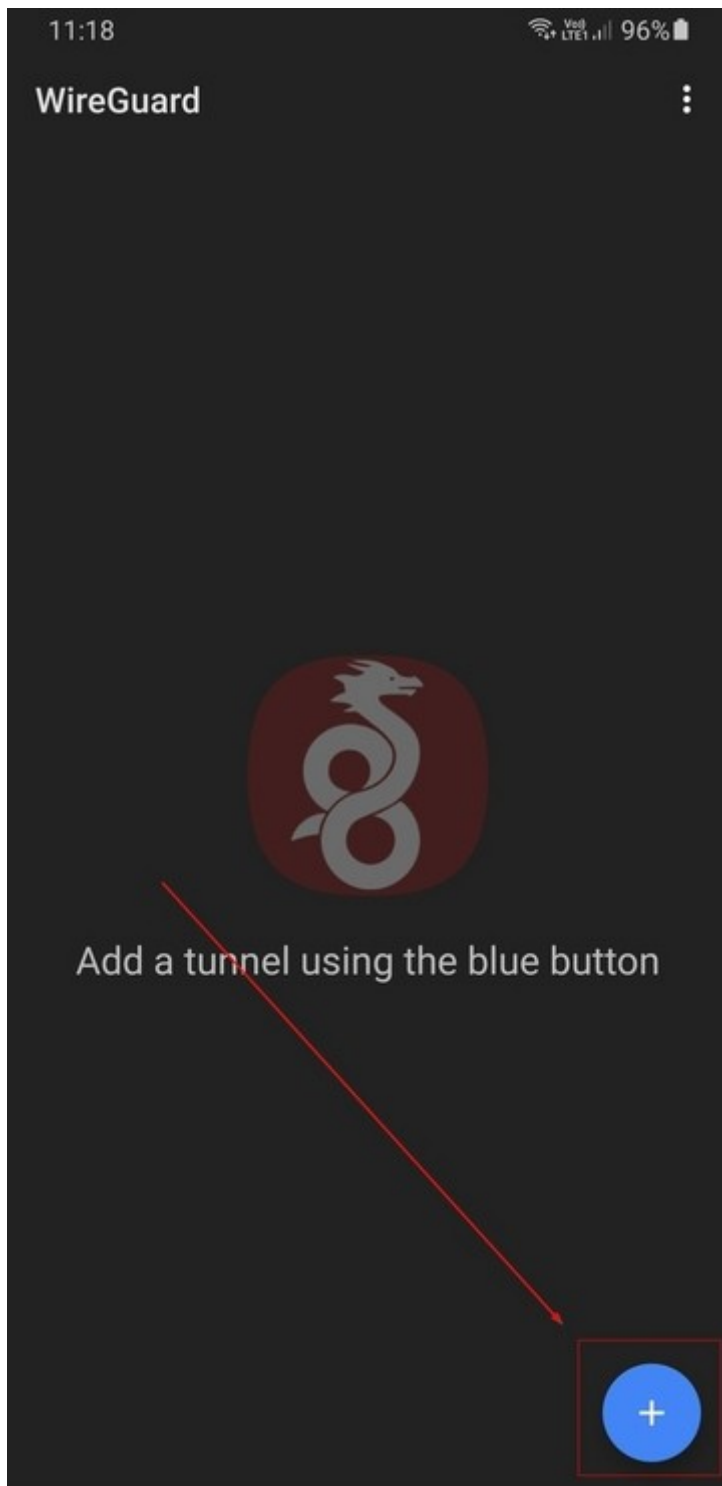
```
sudo systemctl stop wg-quick@peer1
```

Note: The peer# will change depending on the configuration that you have downloaded.

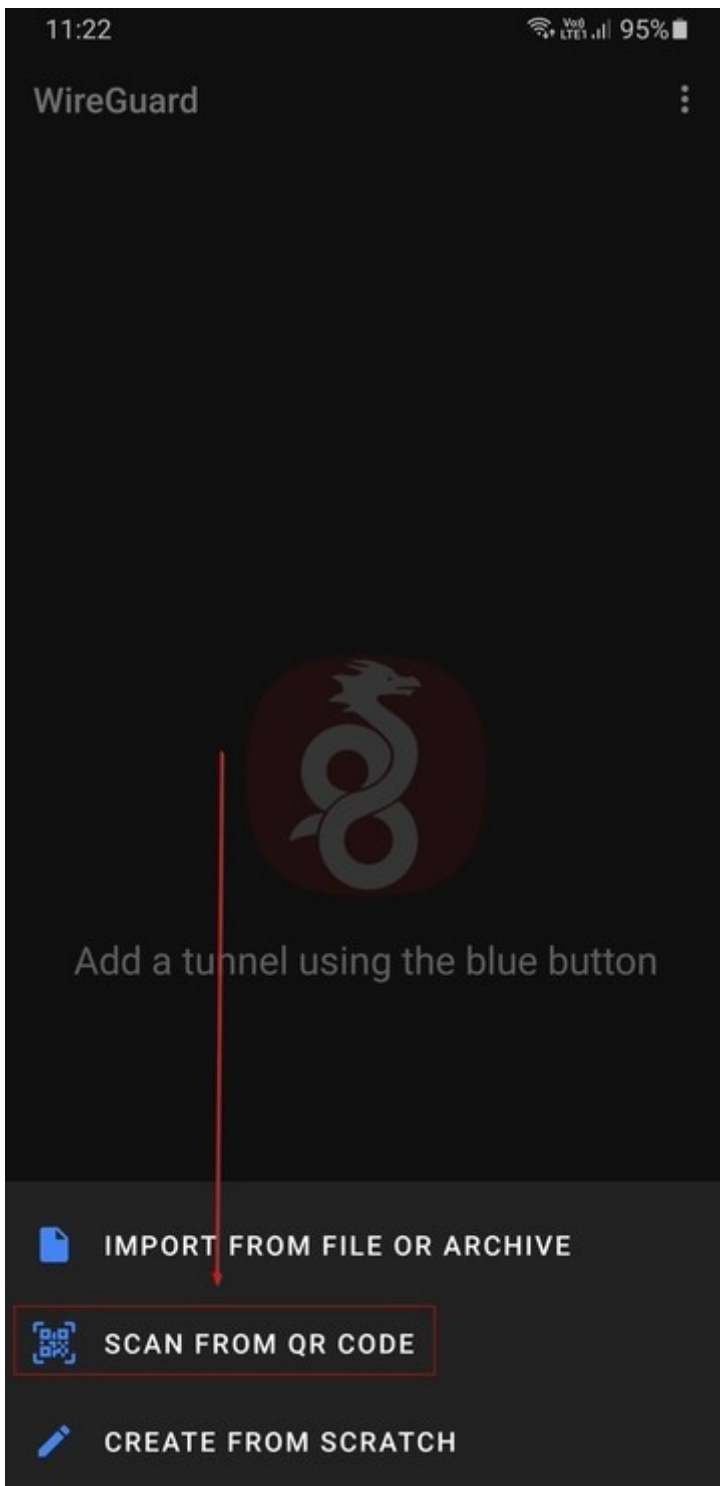
Mobile Clients

Android

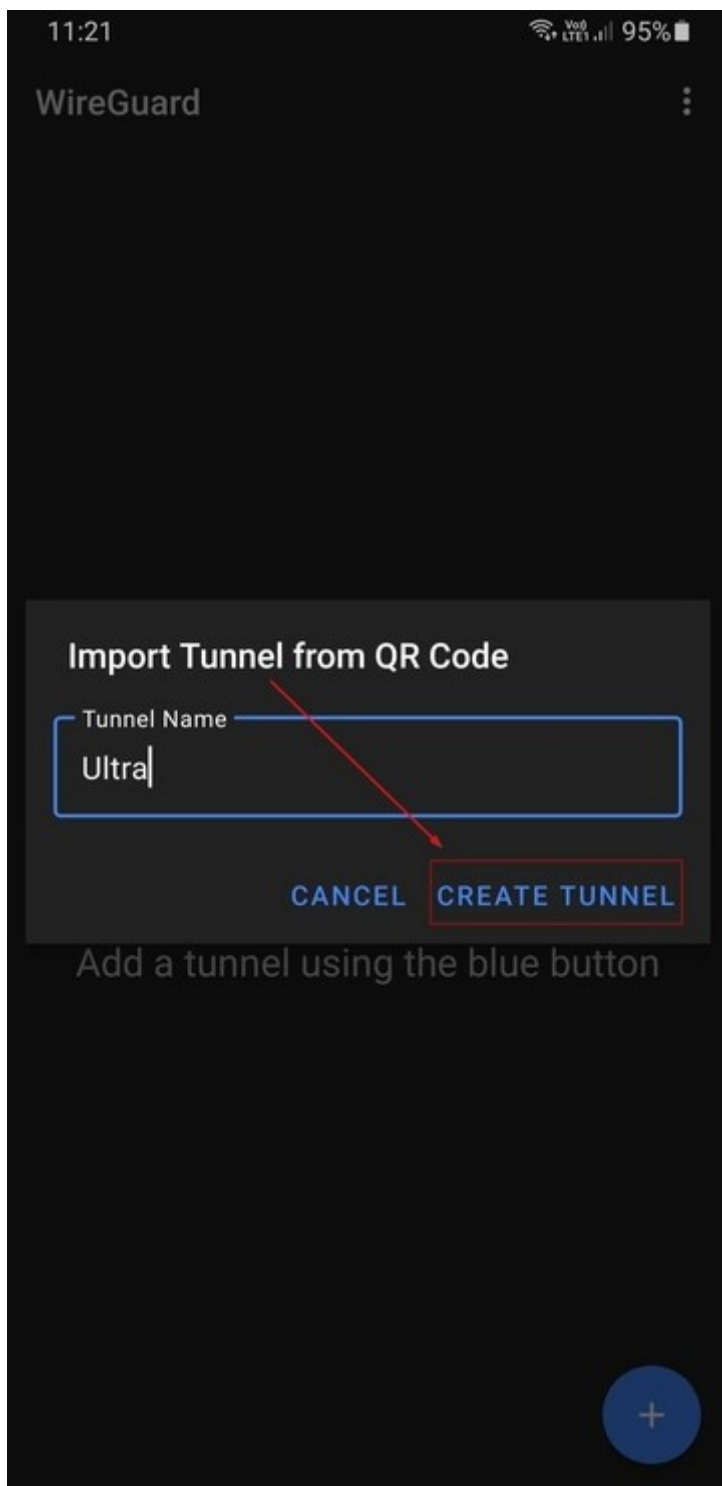
- Log in to your [Ultra Control Panel](#).
- Go to the **Apps** tab, find **WireGuard** in the list and click the **Show Info** button to reveal your configuration files.
- Click on **View Config (#)** for one of the configurations. It will display a QR code.
- Install the WireGuard application from the [Google Play Store](#).
- Launch it and click on the  button.



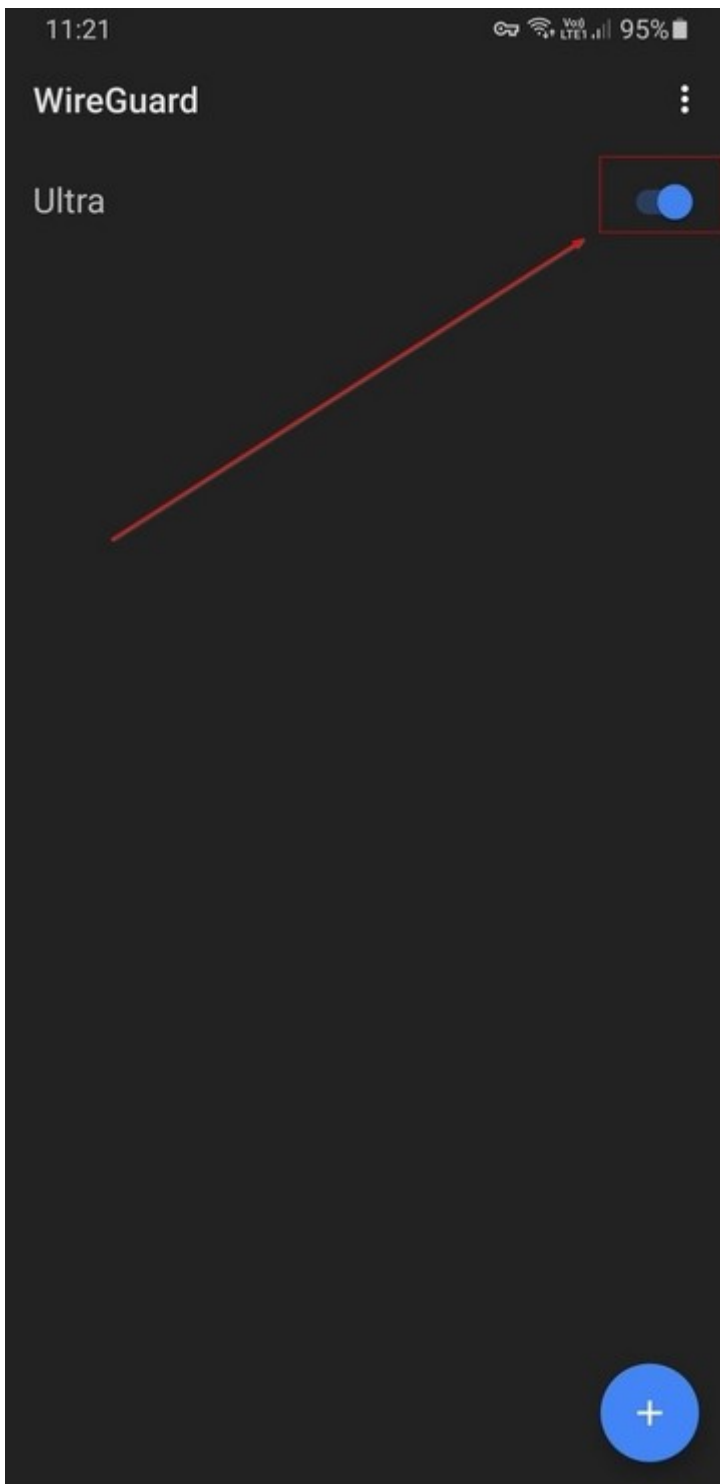
- Select `SCAN FROM QR CODE`.




- Scan the QR code of the WireGuard configuration on your screen.
- Name the tunnel as per your preference and select `CREATE TUNNEL`.

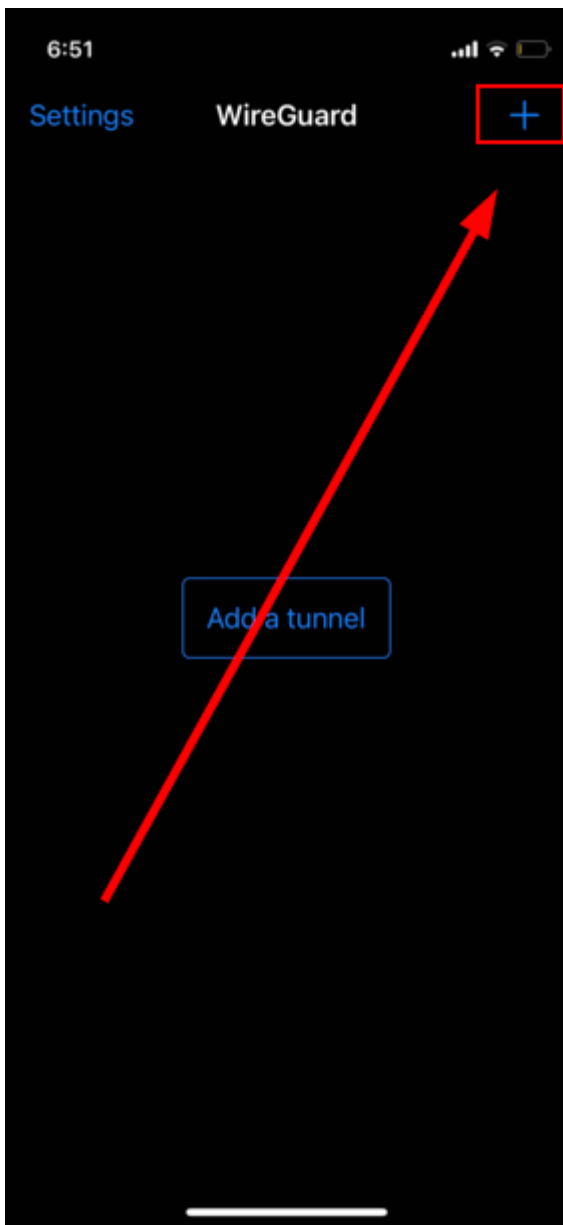


- Finally, enable the tunnel.

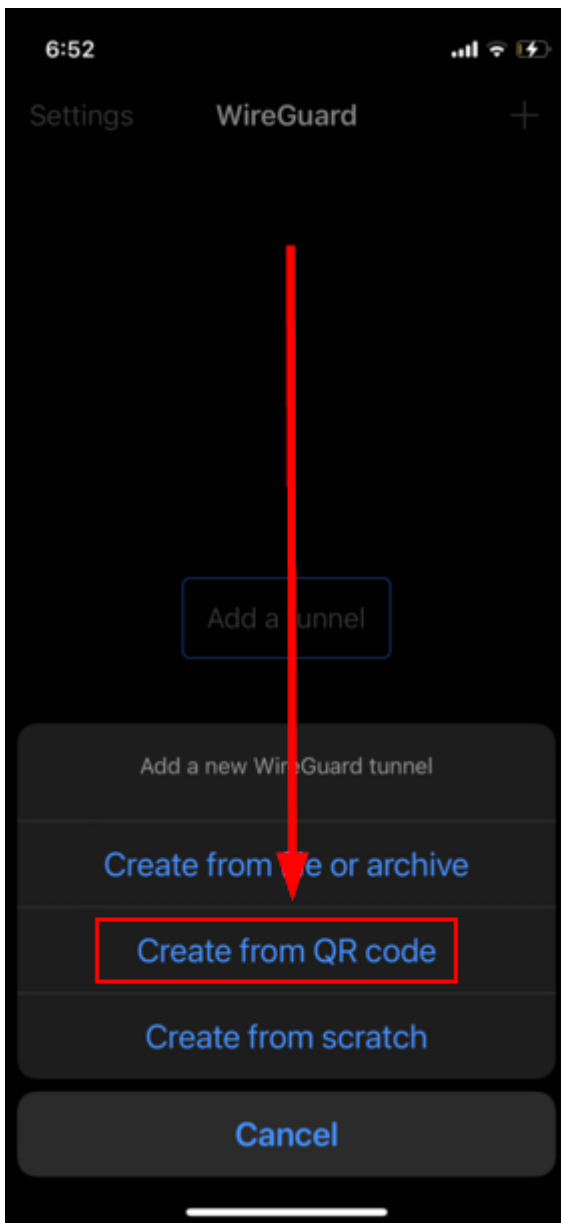


iOS

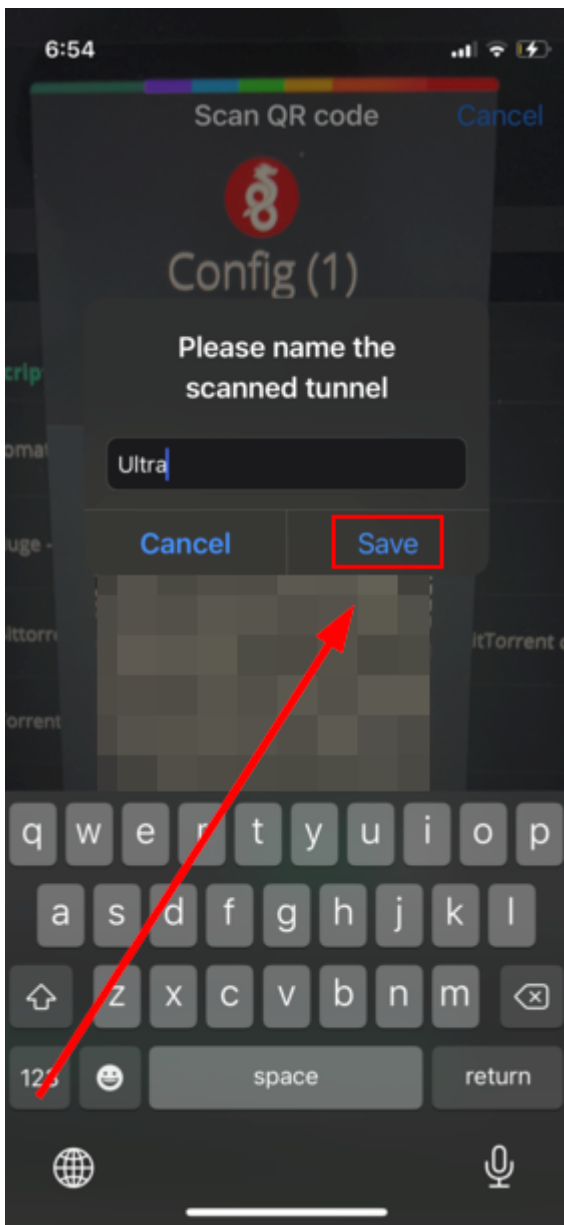
- Log in to your [Ultra Control Panel](#).
- Go to the **Apps** tab, find **WireGuard** in the list and click the **Show Info** button to reveal your configuration files.
- Click on **View Config (#)** for one of the configurations. It will display a QR code.
- Install the WireGuard application from the [App Store](#).
- Launch it and click on the  button.



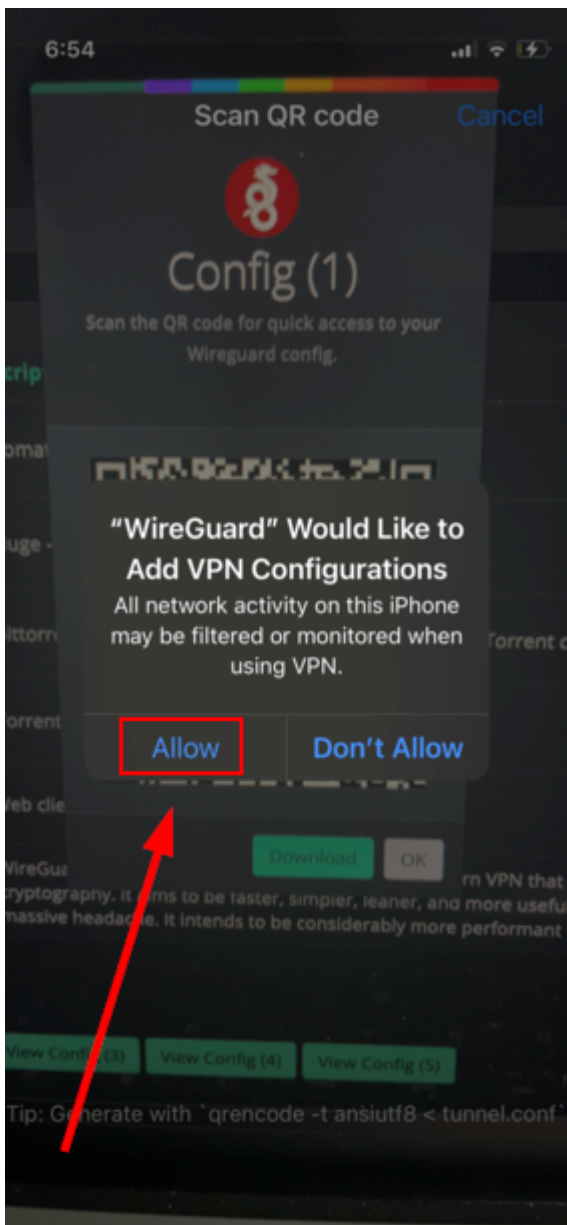
- Select `Create from QR code`.



- Scan the QR code of the WireGuard configuration on your screen.
- Name the tunnel as per your preference and click on `Save`.



- Accept the permissions prompt by clicking on `Allow`.



- Finally, enable the tunnel.

6:55

Settings

WireGuard



Ultra

