

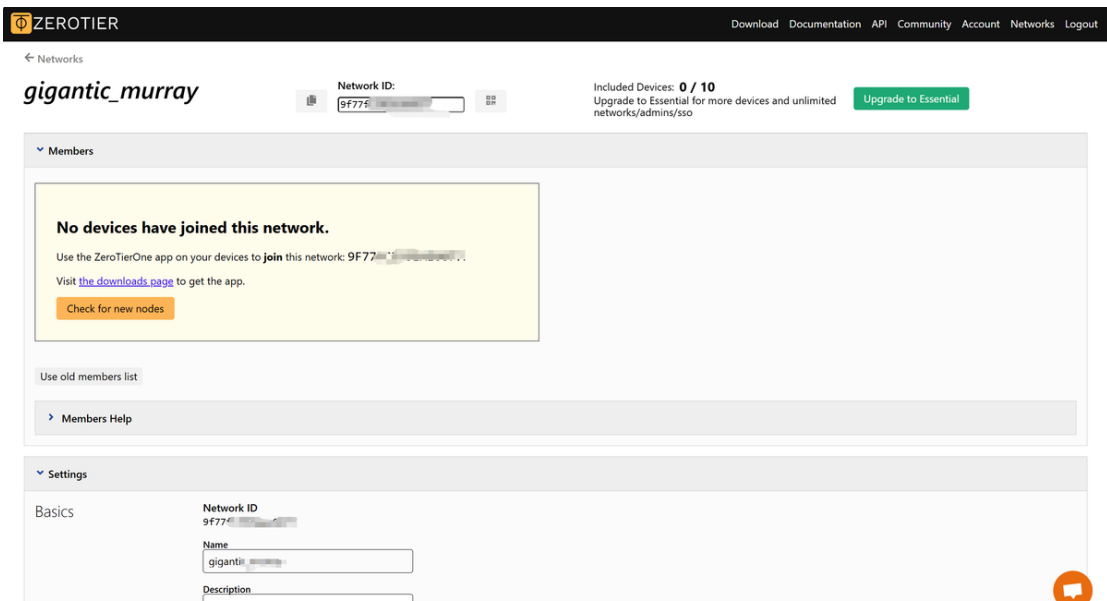
# ZeroTier + OpenFi 使用指南

注意：因为中国路由器大多处于多级 NAT 下，使用的效果因环境而异

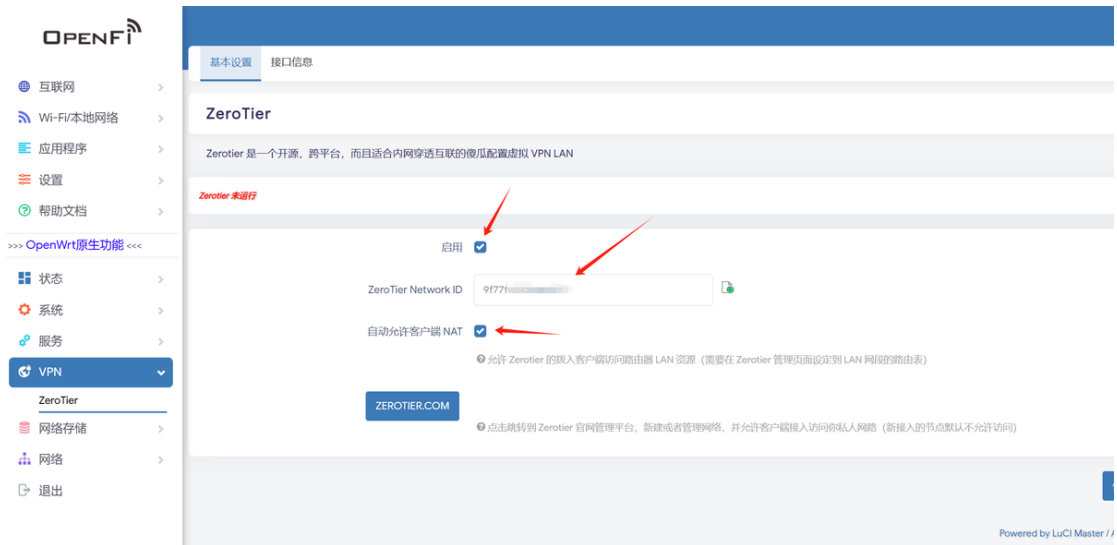
- 1. 注册 zerotier: [www.zerotier.com](http://www.zerotier.com)
- 2. 创建 Network id



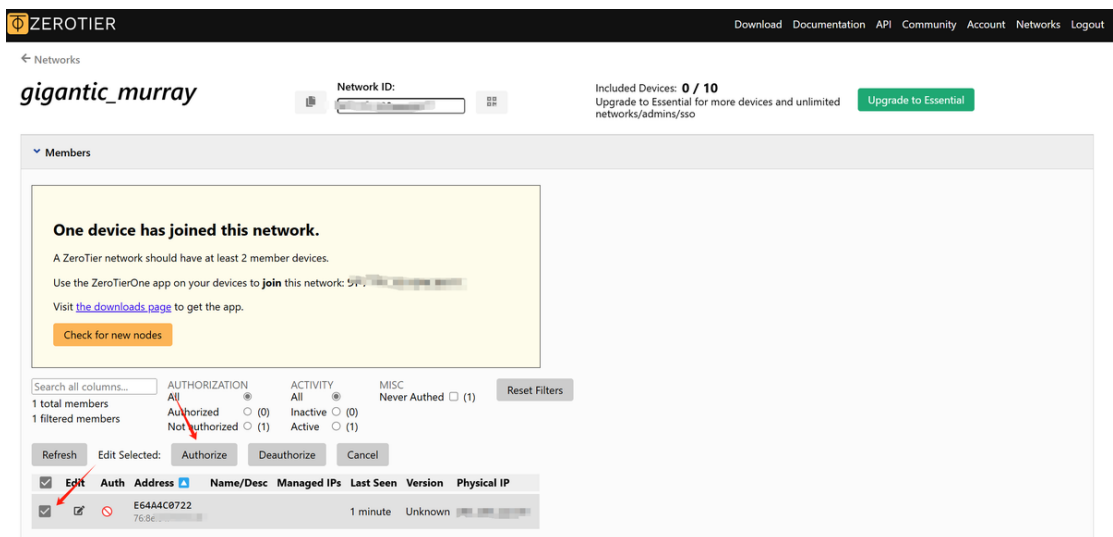
- 3. 点击新建的 network id, 进入管理界面等待



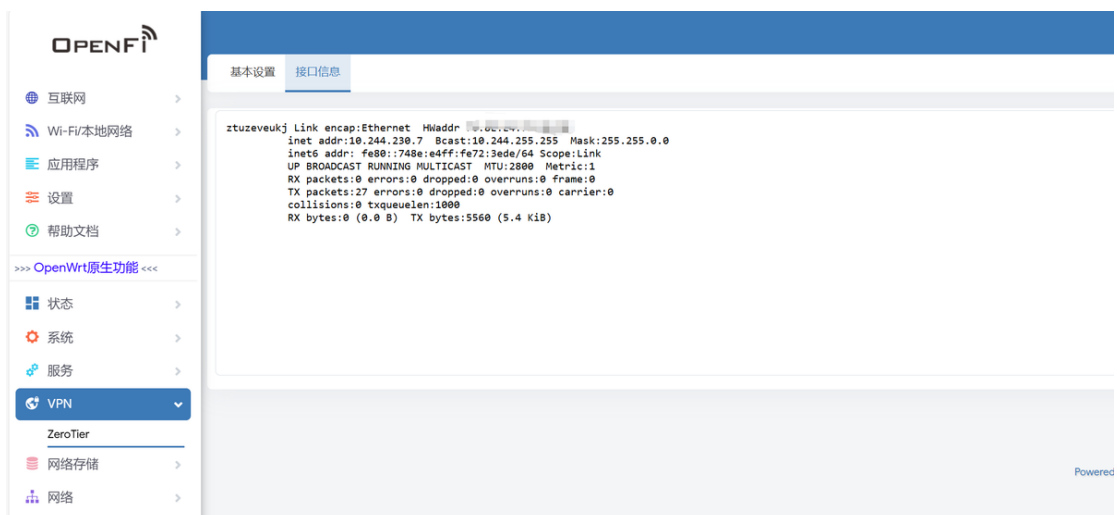
- 4. 进入 OPENFI 页面，输入 network id, 点击保存



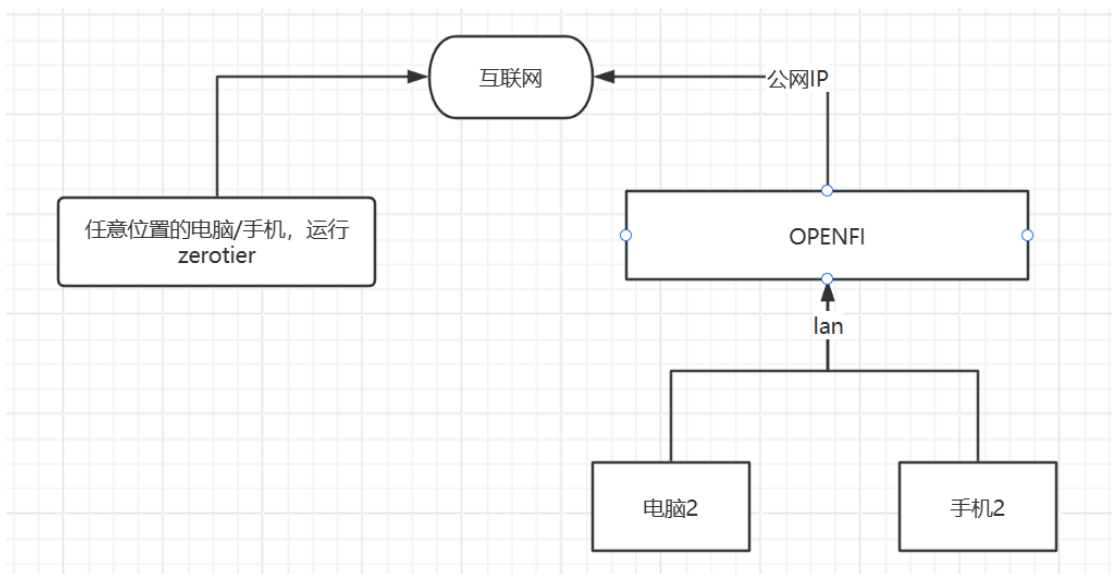
5. 打开管理界面，对新连上的 openfi 打勾并点击



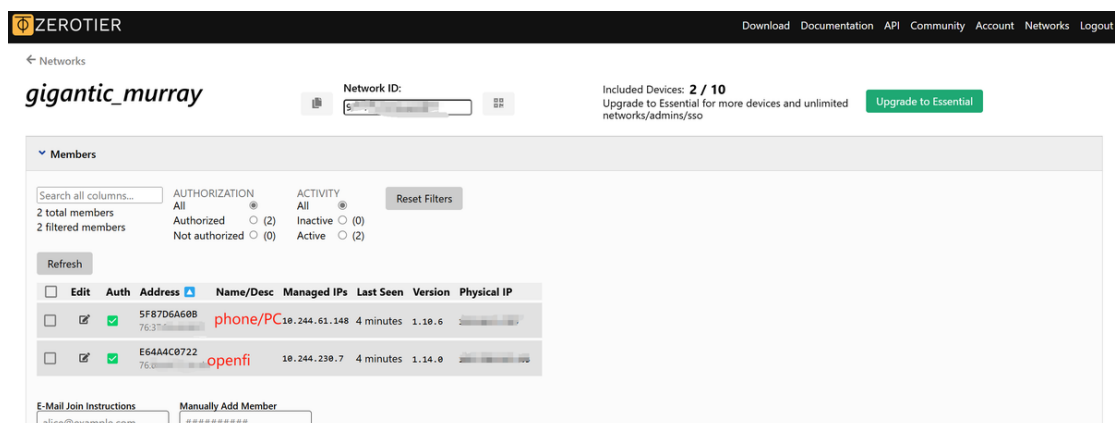
6. 可以看到 openfi 里面接口信息才会拿到 IP,这个时候已经连上了 zero 网络，另一台手机或者电脑使用 zerotier app 也输入这个 network id,就可以访问路由器。



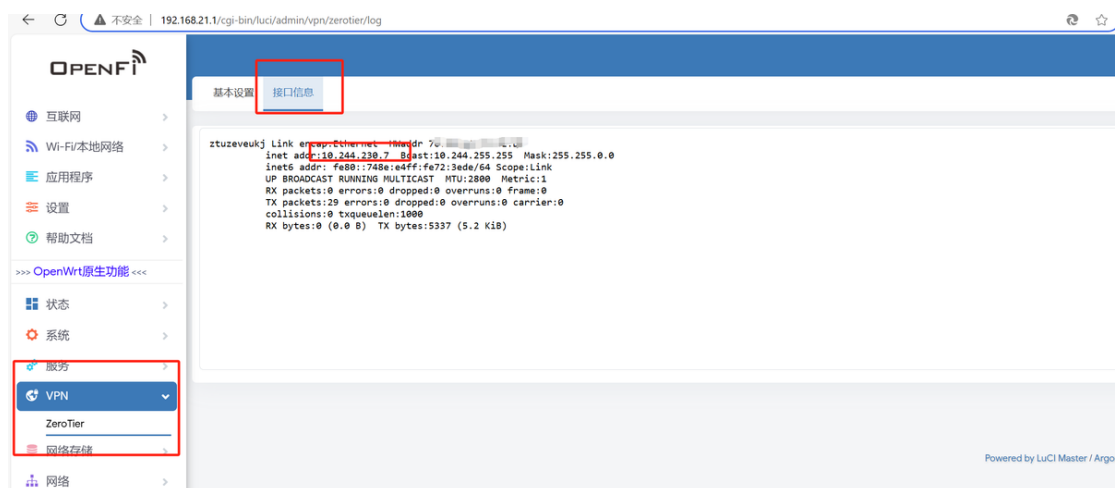
7. 如果来实现这个拓扑, 任意位置的电脑要访问手机 2 和电脑 2, 需要在 zerotier 管理页面操作



设置为, 将到 OPENFI 192.168.21.x 网段的设备通过 OPENFI 的 zerotier 转发  
OPENFI 的 zerotier ip 在这里查看, ip 地址为 10.244.230.7



或者在 openfi 页面的端口信息也可以看



然后在这个地方添加路由规则，目的是任意地方的手机/电脑 要访问 OPENFI 下面的的设备要通过 OPENFI 的 zerotier ip

所以 规则如下填，

The screenshot shows the OpenFI web interface for a network named 'gigantic\_murray'. The 'Managed Routes' section is active, showing a table with one route: 10.244.0.0/16 (LAN). Below the table, the 'Add Routes' section is visible. It has two input fields: 'Destination' with the value '192.168.21.0/24' and 'Via' with the value '10.244.230.7'. A red box highlights the 'Destination' field, and a red arrow points to it with the text '这里填入刚刚查到的OPENFI的zerotier ip'. Another red box highlights the 'Submit' button, and a red arrow points to it with the text '掩码为24,意思是匹配全部192.168.21.x的IP'. The 'Submit' button is labeled 'Submit'.

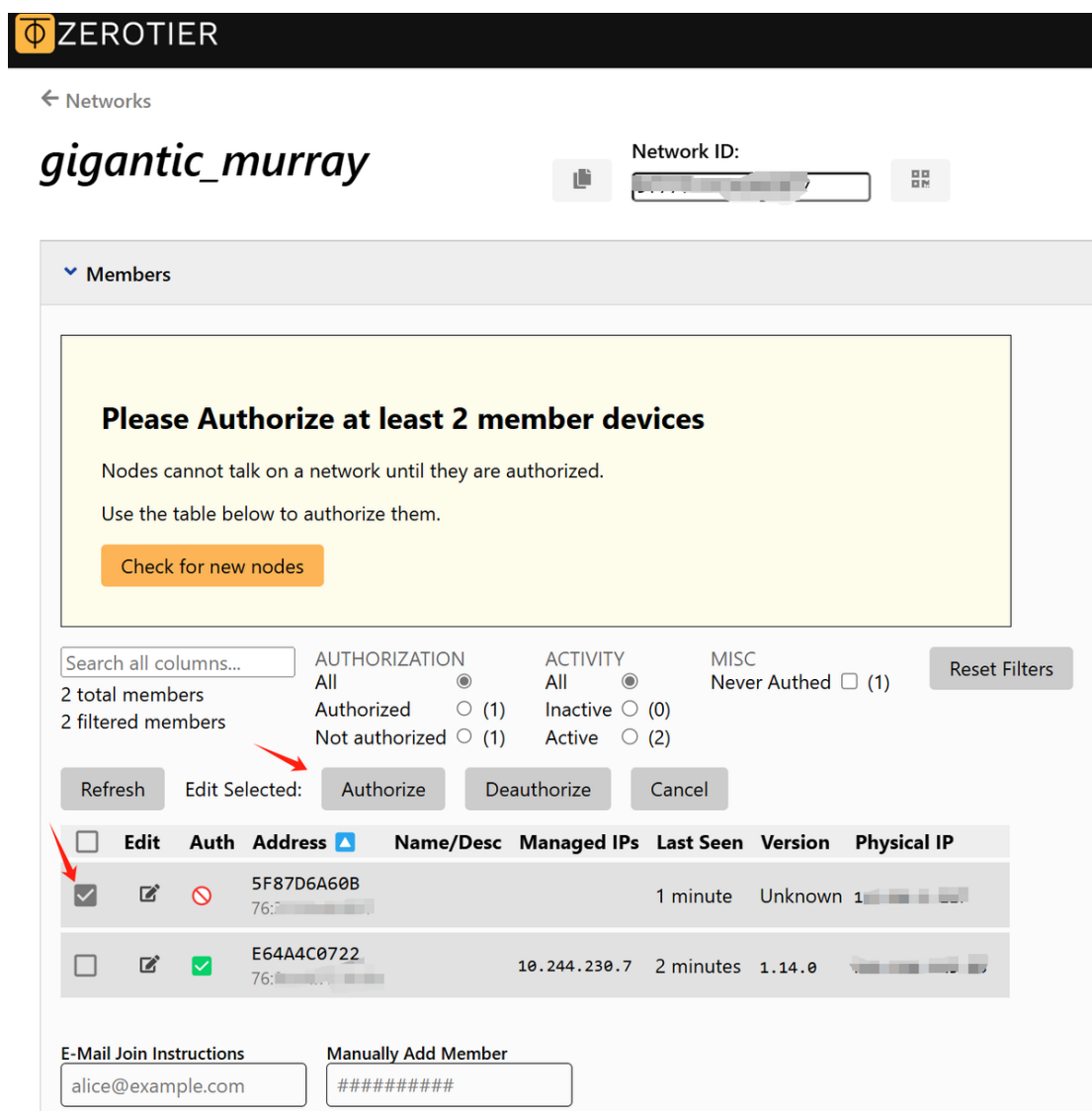
点击 submit 即可访问 openfi 下的设备。

## 8. 举例手机使用流量上网 访问 OPENFI 下的设备:

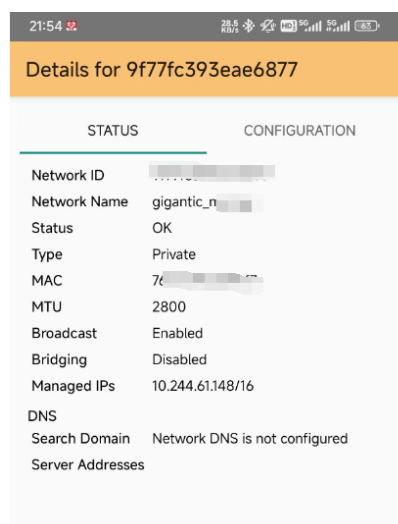
现在设置运行使用移动网络，输入 network id 点击 add

The screenshot shows two screens from a mobile application. The left screen is titled 'Add Network' and shows the 'Network ID' field with a value 'gigantic\_murray'. Below it, there are options for 'DNS Configuration' (No DNS, Network DNS, Custom DNS) and 'IPv4 DNS' and 'IPv6 DNS' fields. A red box highlights the 'Add' button at the bottom. The right screen is titled 'Settings' and shows the 'Network Settings' section. A red box highlights the 'Use mobile data' toggle switch, which is currently turned off. Below it, there is a 'Disable IPv6' toggle switch, which is currently turned on.

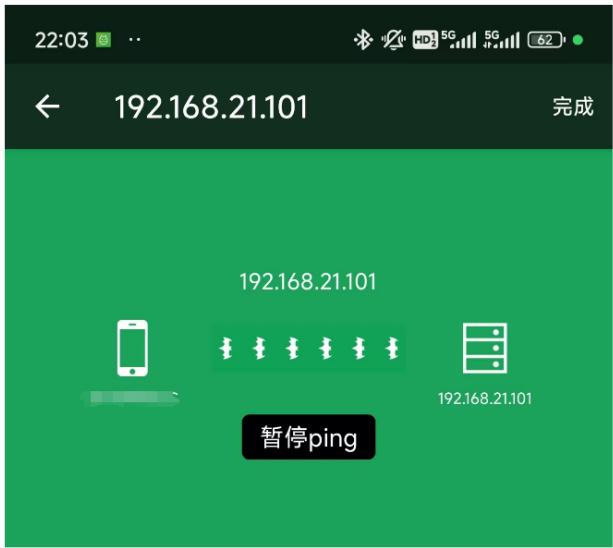
然后在管理页面同意手机加入网络



这时，点击状态可以看到已经拿到 IP



PING OPENFI 下面的电脑， 结果如下



51 31 39.22% 536 ms

已发送 已接收 丢包率(%) 平均时延

