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## Establishing a WireGuard VPN Connection to my Remote Linux VPS with a Wireguard Server running

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Hey,

I have read a lot, but I am running into serious trouble figuring out or troubleshooting, what I am doing wrong.

What I am trying to achieve:

I have a Router (running OpenWrt) at Home, which is connected to a Modem that has Internet Access. On that Router, I want to establish a WireGuard VPN Connection to my WireGuard Server on my Linux Ubuntu VPS and route every traffic through the VPN connection.

What I did:

1. Installed WireGuard on my Linux Ubuntu VPS

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Have you considered Wireguard via raspberry pi instead of on the router? Dead easy



1



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```
Endpoint = <public IP of the Linux VPS>:51820
```

at the End of the File, which then resulted in the WireGuard Status of my OpenWrt Router followingly:

```
Public Key
<redacted>
Endpoint
<redacted>:51820
Allowed IPs
10.8.0.0/24
Persistent Keepalive
25s
Latest Handshake
Fri, 09 Feb 2024 13:36:02 GMT (29s ago)
Data Received
460 B
Data Transmitted
1.54 KiB
```

So there definitely was a connection now, but no data is being transmitted. Everything still routes through my original IP.

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**Max\_Rower** • 1y ago

Can you ping both tunnel IPs from both sides? What does "route -n" output on the OpenWrt router?

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## Wireguard is running in a docker container on a VM in Proxmox. I'm able to connect to Wireguard on my phone using the QR code, but can't load webpages / internal IP addresses / etc. Issue with Port...

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