

Secure Remote Access to Monero Node Using Tailscale VPN

Q: What VPN solution are we using to securely access the Monero node remotely?

A: We use **Tailscale**, a user-friendly mesh VPN based on WireGuard, to create a secure, private network between your devices.

Q: How do I install Tailscale on my DietPi (Monero) server?

A: Run this command on the DietPi terminal to install Tailscale:

```
curl -fsSL https://tailscale.com/install.sh | sh
```

Q: How do I start and enable Tailscale service on DietPi?

A: After installation, start the service and enable it to run at boot:

```
sudo systemctl enable --now tailscaled
```

Q: How to authenticate and connect the DietPi server to your Tailscale network?

A: Run this to authenticate:

```
sudo tailscale up
```

Q: How do I check that my DietPi server is connected to the Tailscale network?

A: Use the status command:

```
tailscale status
```

You should see your DietPi listed with its Tailscale IP address.

Q: How to install Tailscale on your local Mac (or other client machine)?

A: Download the Tailscale app from [tailscale](https://tailscale.com) and install it. Then sign in with the same Tailscale account you used for the server.

Q: How do I confirm the local machine is connected and can reach the DietPi server?

A: On your Mac terminal, ping the DietPi Tailscale IP:

```
ping <dietpi-tailscale-ip>
```

Replace `<dietpi-tailscale-ip>` with the actual Tailscale IP you see in `tailscale status`.

Q: How do I connect my Monero wallet CLI on my Mac to the remote monerod daemon over Tailscale?

A: Use the remote daemon IP and port in your wallet CLI command:

```
./monero-wallet-cli --wallet-file /path/to/yourwallet --daemon-address <dietpi-tailscale-ip>:18081 --trusted-daemon
```

Q: What if I encounter connection errors or timeouts?

A: Verify:

- The monerod daemon is running and listening on `0.0.0.0:18081` on DietPi.
- Firewall rules on DietPi allow incoming connections on port 18081.
- Tailscale network shows both devices connected.
- You can ping and `nc` (netcat) test the port from your local machine.

Q: How to stop or disable Tailscale on DietPi if needed?

A:

```
sudo systemctl stop tailscaled  
sudo systemctl disable tailscaled
```

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