

# Quick Start: Remote Access Setup

## For the Friend (Client Setup)

### ***Step 1: Install WireGuard***

- \*\*Windows/Mac:\*\* Download from <https://www.wireguard.com/install/>
- \*\*Linux:\*\* `sudo apt-get install wireguard wireguard-tools`
- \*\*Mobile:\*\* Install "WireGuard" app from app store

### ***Step 2: Generate Your Keys***

#### **Windows/Mac (GUI):**

1. Open WireGuard
2. Click "Add Tunnel" → "Add Empty Tunnel"
3. Copy your \*\*Public Key\*\* (shown in the config)

#### **Linux/Command Line:**

```
wg genkey | tee private.key | wg pubkey > public.key  
cat public.key
```

### ***Step 3: Share Your Public Key***

Send your **Public Key** to the system administrator.

### ***Step 4: Receive and Import Configuration***

You'll receive a configuration file. Import it into WireGuard:

**Windows/Mac:** Copy-paste into WireGuard GUI

**Linux:** Save to /etc/wireguard/wg0.conf

### ***Step 5: Connect***

- \*\*Windows/Mac:\*\* Toggle the switch in WireGuard GUI
- \*\*Linux:\*\* `sudo wg-quick up wg0`

### ***Step 6: Access Web Interface***

Open browser: <http://10.8.0.1/>

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## For the Administrator (Adding a Friend)

### ***Step 1: Get Friend's Public Key***

Friend should send you their public key.

## **Step 2: Add Friend to Server**

```
cd ~/moodeaudio-cursor  
./tools/add-wireguard-peer.sh FRIEND_PUBLIC_KEY_HERE
```

## **Step 3: Share Configuration with Friend**

The script will output a configuration template. Share it with your friend.

**Important:** Friend needs to:

1. Replace `FRIEND\_PRIVATE\_KEY\_HERE` with their private key
2. Replace `YOUR\_SERVER\_PUBLIC\_IP` with your server's public IP

## **Step 4: Verify Connection**

```
# On server, check WireGuard status  
sudo wg show  
  
# Should show the peer with recent handshake  
  
---
```

## **Server Information**

### **Server Public Key:**

```
MzNJlu8jKJefsADZhgr3wzEHcilm6iHE6nbjucE2VXQ=
```

**Server VPN IP:** 10.8.0.1

**WireGuard Port:** 51820/UDP

### **SSH Access:**

- Address: `andre@10.8.0.1`
- Password: `0815`

**Web Interface:** <http://10.8.0.1/>

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## **Troubleshooting**

### **Cannot connect?**

1. Check server is online: `ping YOUR\_SERVER\_IP`
2. Verify port 51820/UDP is open
3. Check WireGuard status on server: `sudo systemctl status wg-quick@wg0`

### **Connected but can't access web?**

1. Verify connection: `ping 10.8.0.1`
2. Try: `http://10.8.0.1/` in browser
3. Clear browser cache
4. Check server web service: `sudo systemctl status nginx`

### **SSH not working?**

1. Verify WireGuard connection: `ping 10.8.0.1`
2. Try: `ssh andre@10.8.0.1`
3. Password: `0815`

For detailed troubleshooting, see: [docs/REMOTEACCESSIONSGUIDE.md](#)