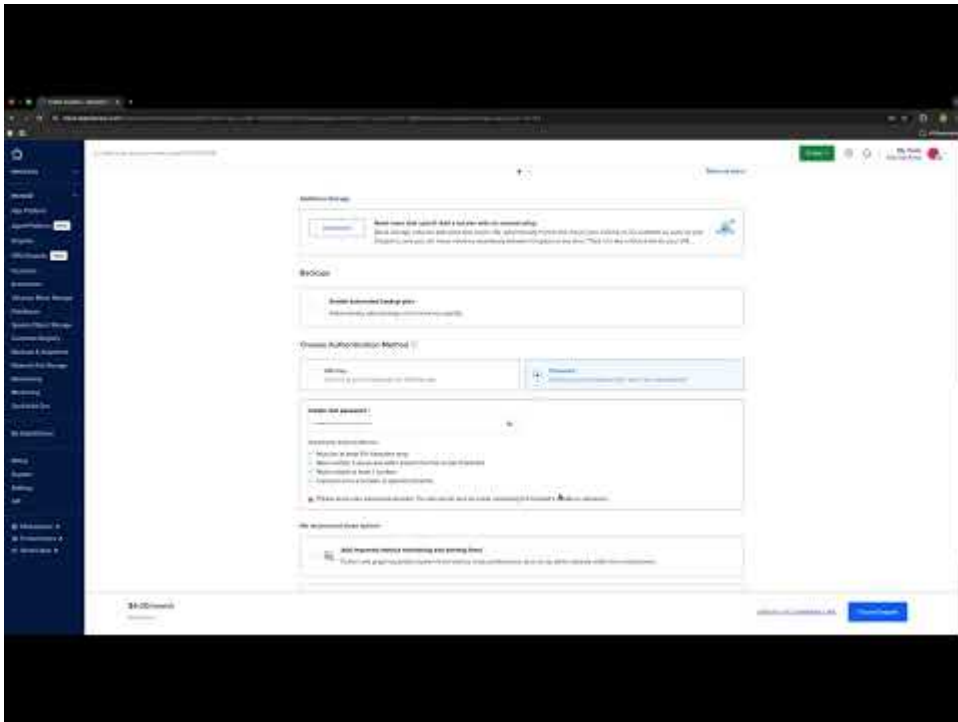


CayVPN Installation Guide

Get your own secure VPN server running in minutes! This guide walks you through setting up CayVPN with step-by-step instructions and video tutorials.

Video Tutorials

Installation (2 minutes)

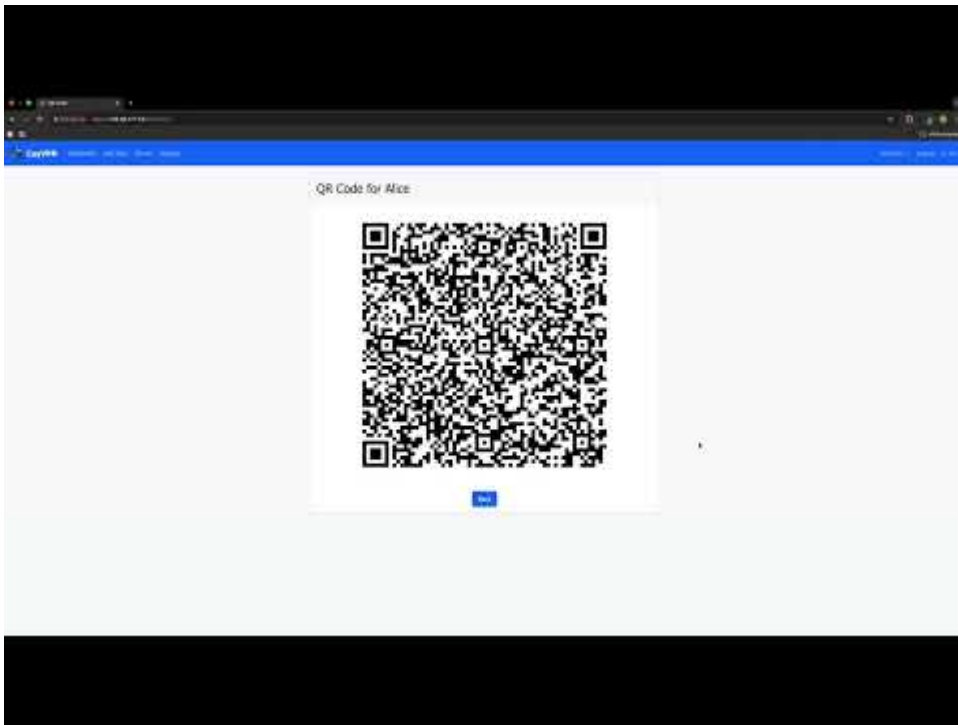


Watch this 2-minute video to see the complete setup process!

The video covers:

- Creating your DigitalOcean server
- Installing CayVPN
- Setting up your first VPN connection

Adding New Peers (1 minute)



Watch this 1-minute video to learn how to add new devices!

The video covers:

- Adding new peers in the dashboard
- Connecting devices with QR codes or config files

Quick Start (5 Minutes)

Step 1: Get Your Server

Choose any VPS provider - CayVPN works on any Ubuntu 24.04 server:

Recommended with free credit:

- [DigitalOcean](#) - \$200 free credit, \$4/month Basic Plan

Create a VPS:

1. Choose **Ubuntu 24.04 LTS** (or any Ubuntu 20.04+)
2. Select a plan with at least **512 MB RAM**

3. **Pick any region** (this will be your VPN's location)
4. Choose **Password** for authentication and set a strong password
5. Note your server's IP address and login credentials

Other hosting options:

- **AWS Lightsail** - Amazon's cloud platform
- **Linode** - Simple cloud hosting
- **Vultr** - Global cloud infrastructure
- **Hetzner** - European cloud provider
- **Any VPS** with Ubuntu 20.04+ and SSH access

Step 2: Install CayVPN

Connect to your server via SSH (or use your provider's web console):

1. Open a terminal and connect: `ssh root@YOUR_SERVER_IP`
2. Or use your provider's web console if available
3. Run these commands:

```
git clone https://github.com/caynetic/cayvpn.git
cd cayvpn
sudo ./install.sh
```

That's it! Your VPN server is ready in 5-10 minutes.

Step 3: Access Your VPN Dashboard

1. Open `https://YOUR_SERVER_IP:8443` in your browser
2. Click **"Advanced"** → **"Proceed to site"** (ignore the security warning)
3. Create your admin password
4. You're done!

Connect Your Devices

Phone/Tablet Setup

1. **Download WireGuard:**
2. [iPhone App Store](#)
3. [Android Play Store](#)
4. **In CayVPN Dashboard:**
5. Click **" + Add Peer "**
6. Enter device name (like "iPhone" or "Android")
7. Click **"QR Code"** or **"Download Config"**
8. **In WireGuard App:**
9. Open the WireGuard app
10. Tap **"Add a tunnel"**
11. Choose **"Scan from QR code"** and scan the QR code from the dashboard, or **"From file or archive"** and select the downloaded config file
12. Save the tunnel
13. **Turn on the VPN** - tap the toggle to activate the tunnel and you're protected!

For more installation options, see: [WireGuard Install](#)

Computer Setup

1. **Download WireGuard** for your computer:
2. [Windows](#)
3. [Mac](#)
4. Linux: `sudo apt install wireguard`
5. **In CayVPN Dashboard:**

6. Click **" + Add Peer "**
7. Enter device name (like "Laptop" or "Desktop")
8. Click **"Download Config"**
9. **In WireGuard Application:**
10. Open WireGuard
11. Click **"Import tunnel(s) from file"**
12. Select the downloaded config file
13. Activate the tunnel
14. **Activate the connection** - you're protected!

Verify It's Working

- Your IP address should change when VPN is on
- Check [What's my IP](#) to confirm
- CayVPN dashboard shows connection status and data usage
- All your internet traffic is now secure and private!

Need Help?

Quick Troubleshooting

Can't access the dashboard?

- Try `http://YOUR_SERVER_IP:8888` instead of HTTPS
- Connect via SSH and run: `sudo systemctl status cayvpn`

VPN won't connect?

- Make sure UDP port 43210 is open on your router/firewall
- Try restarting your device
- Check the CayVPN dashboard for error messages

Forgot your password?

If you forget your admin password, you can reset it by clearing the password from the database. This will trigger first-time setup again:

Use SSH to connect to your server:

```
cd cayvpn
sudo apt update && sudo apt install -y sqlite3
sqlite3 wg.db "DELETE FROM settings WHERE key='admin_password';"
sudo systemctl restart cayvpn
```

Then visit the web interface again - you'll be prompted to set a new admin password.

Get Support

- **Email Support:** Contact us at tech@caynetic.com for more support
- **Community:** [GitHub Issues](#)
- **Advanced Guide:** See [DEPLOYMENT_CHECKLIST.md](#) for technical details

Pro Tips

- **Multiple Devices:** Add as many devices as you want - each gets its own secure connection
- **AdGuard Home:** Visit `https://YOUR_SERVER_IP:8444` for DNS filtering and ad blocking
- **Monitor Usage:** Check the dashboard to see data usage per device
- **Stay Updated:** Use DigitalOcean console to run: `cd cayvpn && git pull && sudo systemctl restart cayvpn`

What You Get

- **Secure VPN** - Military-grade encryption
- **Fast Connection** - WireGuard protocol
- **Ad Blocking** - Built-in DNS filtering

- **Usage Monitoring** - See data usage and connection status
 - **Easy Management** - Web dashboard for everything
 - **Mobile Support** - Works on all devices
 - **Low Cost** - \$4/month server + free setup
-

Ready to get started? Get a VPS server and follow the steps above!