

14. One-Time Links

Overview

One-Time Links (OTL) provide a self-service way for end users to download their VPN configuration files without accessing the admin panel. When a link is generated for a client, the user can:

- View VPN connection instructions
- Download WireGuard configuration and scan a QR code
- Download AmneziaWG obfuscated configuration and scan a QR code
- Download the OpenVPN `.ovpn` profile
- Download the IKEv2 `.sswan` profile
- See their credentials

Each link is a unique, cryptographically secure URL that can be used once or multiple times (configurable).

OTL Configuration

Navigate to **Settings > One-time link**.

PUQVPNCP

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admin (45.44.164.152)

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Logout

One-Time Links

Settings

Active Links

WireGuard

OpenVPN

IKEv2

General Settings

✔

🔄

Lifetime (days)

10

How many days the link stays valid before expiring

Page Title

VPN Configuration

Design Theme

Clean Blue

Dark Pro

Gradient Glass

Warm Sunset

Custom Content

Custom CSS

Additional CSS styles

Extra CSS applied after the design theme

Before Body (HTML)

Company name, logo, custom header...

Shown above the VPN sections

After Body (HTML)

Footer links, contact info...

Shown below the VPN sections

Not Relevant Page (HTML)

Custom text for expired links page...

Extra content on the "Link Expired" page

One-Time Link configuration

Setting	Description
Enabled	Enable/disable the OTL feature
Expiration	How long a link remains valid
Max uses	Number of times a link can be accessed (0 = unlimited)

Protocol-Specific Configuration

Configure what is shown on the OTL page for each protocol:

One-Time Links

SettingsActive LinksWireGuardOpenVPNIKEv2

WireGuard Section

Enable

Yes

Download Config Button Label

Download config file

Show QR Code

Yes

Show Config Text

Yes

Custom Buttons

Download client Android	https://play.google.com/store/apps/details?id=com.wireguard.android
Download client iOS	https://apps.apple.com/us/app/wireguard/id1441195209
Download client Windows	https://download.wireguard.com/windows-client/wireguard-installer.exe
Download client macOS	https://itunes.apple.com/us/app/wireguard/id1451685025
Official clients WireGuard	https://www.wireguard.com/install/
Button 6 Label	Button 6 URL

OTL WireGuard page configuration

One-Time Links

SettingsActive LinksWireGuardAmneziaWGOpenVPNIKEv2

AmneziaWG Section

Enable

Yes

Download Config Button Label

Download config file

Show QR Code

Yes

Show Config Text

Yes

Custom Buttons

Download client Android	https://play.google.com/store/apps/details?id=org.amnezia.awg
Download client iOS	https://apps.apple.com/app/amneziawg/id6478942365
Download client Windows	https://github.com/amnezia-vpn/amneziawg-windows-client/releases
Download client macOS	https://apps.apple.com/app/amneziawg/id6478942365
Download client Android (APK)	https://github.com/amnezia-vpn/amneziawg-android/releases
Official clients AmneziaWG	https://github.com/amnezia-vpn/amneziawg-windows-client/releases

OTL AmneziaWG page configuration

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OpenVPN

IKEv2

OpenVPN Section

✓

Enable

Yes

Download Config Button Label

Download OpenVPN config

Custom Buttons

Download client Android

https://play.google.com/store/apps/details?id=net.openvpn.openvpn

Download client iOS

https://apps.apple.com/us/app/openvpn-connect/id590379981

Download client Windows

https://openvpn.net/community-downloads/

Download client macOS

https://openvpn.net/community-downloads/

Official OpenVPN

https://openvpn.net/

Button 6 Label

Button 6 URL

OTL IKEv2 page configuration

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IKEv2

IKEv2 Section

✓

Enable

Yes

Download Certificate Button Label

Download Certificate CA

Download Profile Button Label

Download Profile

Custom Buttons

Download client Android

https://play.google.com/store/apps/details?id=org.strongswan.android

Download client Debian/Ubuntu

https://download.strongswan.org/NetworkManager/

Official clients strongSwan

https://download.strongswan.org/

Button 4 Label

Button 4 URL

Button 5 Label

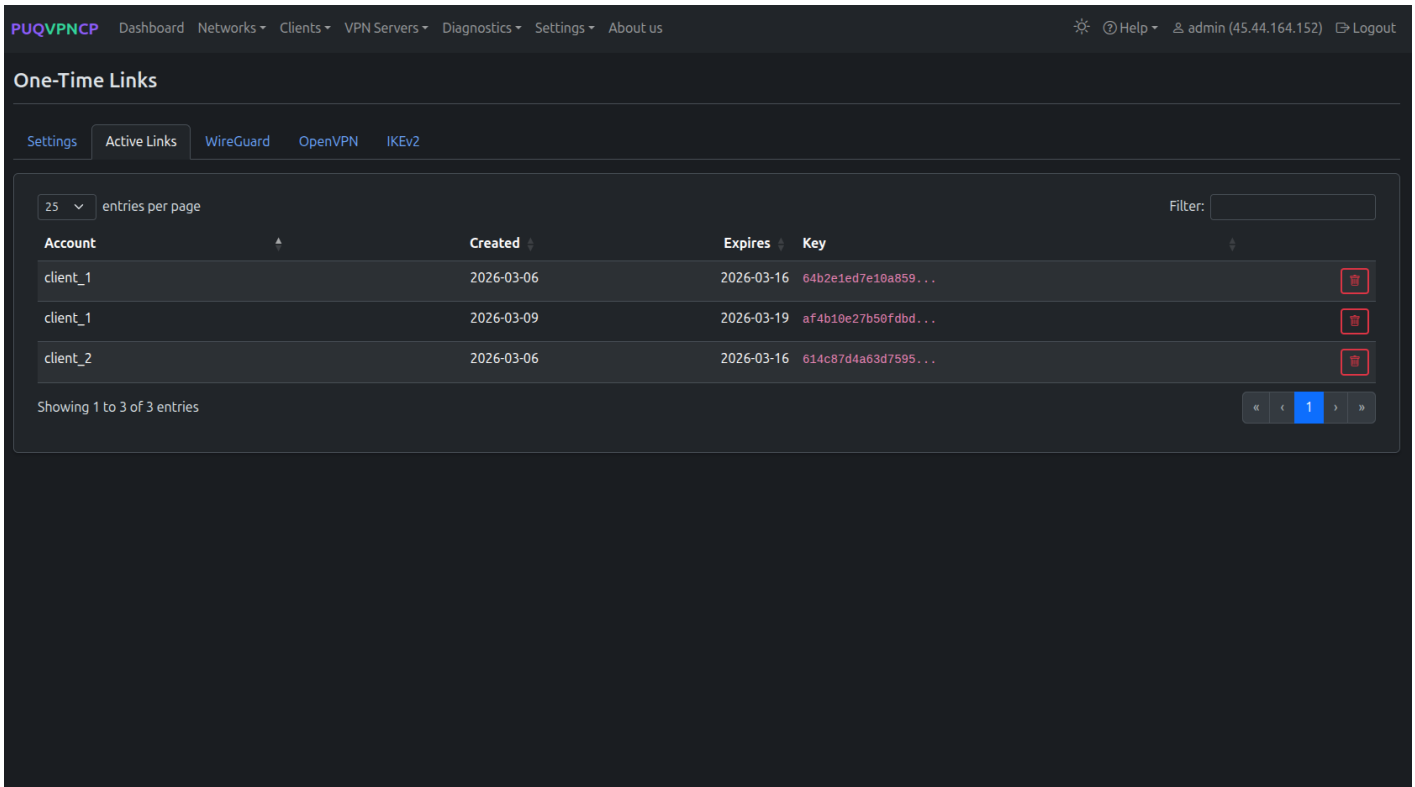
Button 5 URL

Button 6 Label

Button 6 URL

OTL OpenVPN page configuration

Active Links



Active one-time links

The list shows all generated links with their creation date, client, and usage count.

Generating a Link

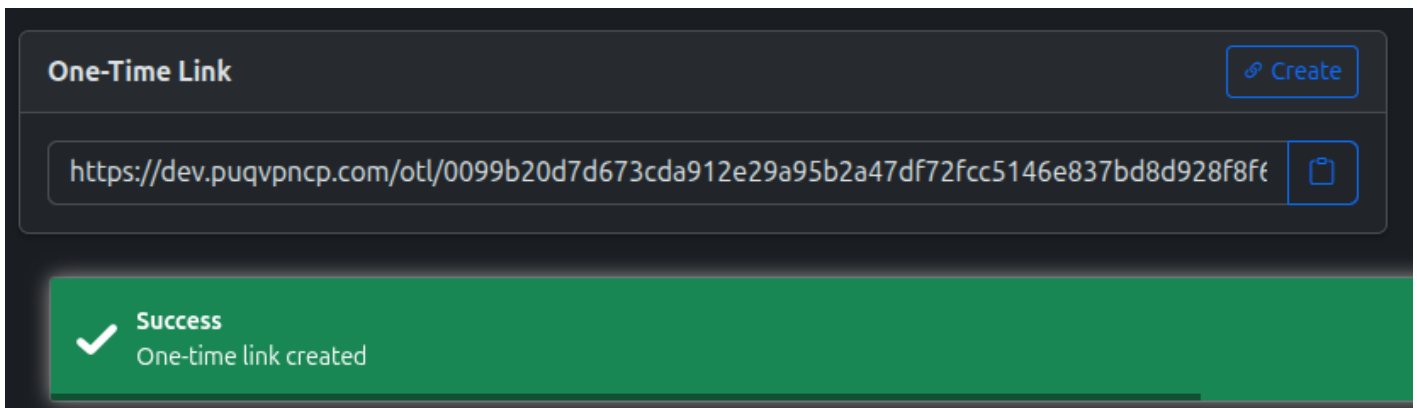
Links can be generated from two places:

From the Clients List

1. Go to **Clients > List of clients**
2. Click the **OTL** button on any client row

From the Client Edit Page

1. Open any client for editing
2. In the **One-Time Link** section, click **Create**



One-time link created for a client

Copy the URL and send it to the end user. They will see a branded page with their VPN configuration for all enabled protocols.

End User Experience

When the user opens the OTL URL, they see a clean, modern self-service interface with tabs for each enabled VPN protocol. The user can download client apps, configurations, credentials, and scan mobile QR codes.

WireGuard



↓ Download config file

[Interface]

Address = 10.0.1.4/24

DNS = 10.0.1.1, 77.87.125.200

MTU = 1420

PrivateKey = EDbvjEG/YhlpMiwUas5SeY6awUF4633miU10TjV/2I=

[Peer]

PersistentKeepalive = 25

Endpoint = 192.0.2.10:51820

PublicKey = vl6ceC2oEc+jig2Rbp1++jAKHdrfTwqDihB1rh+BRTg=

AllowedIPs = 0.0.0.0/0

↗ Download client Android

↗ Download client iOS

↗ Download client Windows

↗ Download client macOS

↗ Official clients WireGuard

One-Time Link —

WireGuard view with scannable QR code, config download, and official client links (Android, iOS, Windows, macOS)

AmneziaWG (Anti-Censorship)



↓ Download config file

```
Jmax = 70  
S1 = 15  
S2 = 20  
H1 = 3184648606  
H2 = 2507263013  
H3 = 2838080179  
H4 = 2612253850
```

[Peer]

```
PersistentKeepalive = 25  
Endpoint = 192.0.2.10:51821  
PublicKey = ZDTXlvG7G5gQA9Pbx8wXWpAs6IR0p3tSLzmM70Y=  
AllowedIPs = 0.0.0.0/0
```

↗ Download client Android

↗ Download client iOS

↗ Download client Windows

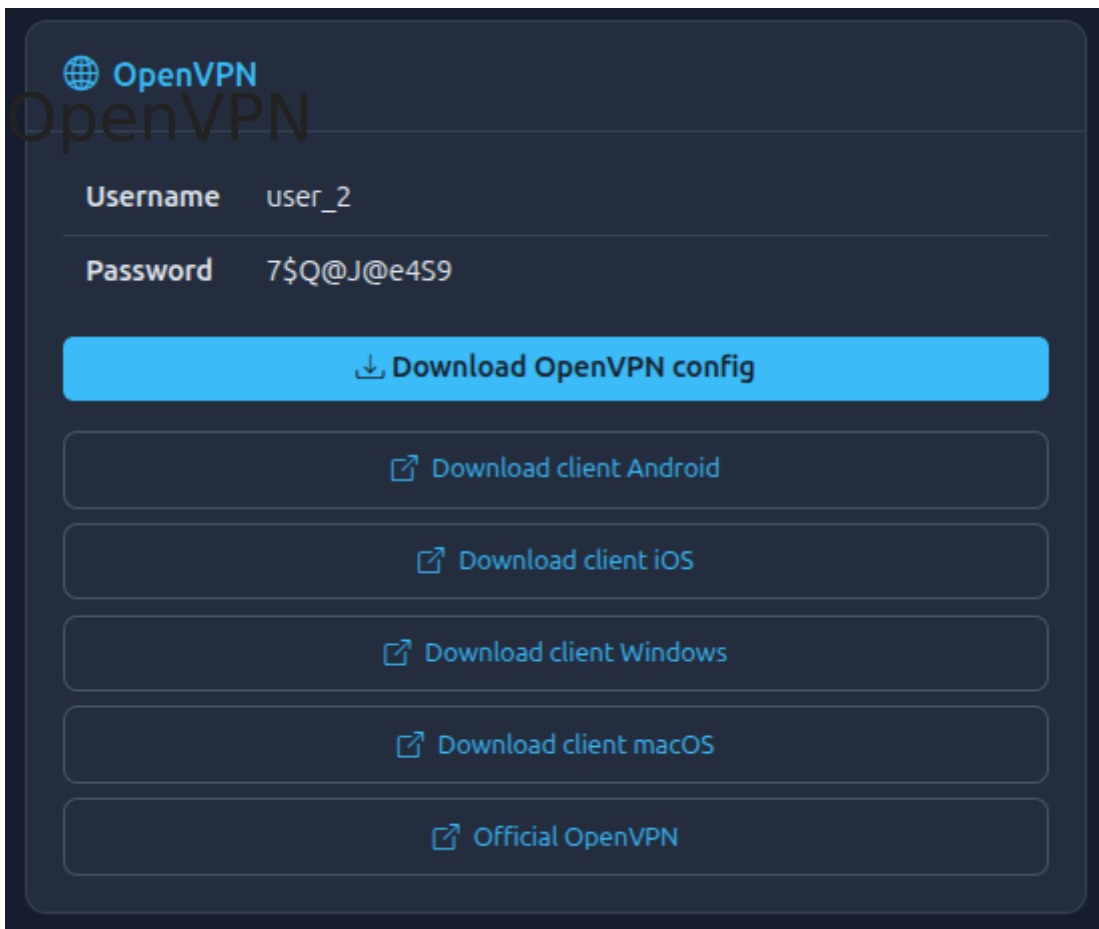
↗ Download client macOS

↗ Download client Android (APK)

↗ Official clients AmneziaWG

One-Time Link —

AmneziaWG view with obfuscated parameters, QR code, and AmneziaWG client links



One-Time Link —

OpenVPN view with user credentials and downloadable profile

IKEv2

Server	dev.puqvpncp.com
Username	user_2
Password	7\$Q@J@e4S9
📄 Download Certificate CA	
📄 Dowload Profile	
🔗 Download client Android	
🔗 Download client Debian/Ubuntu	
🔗 Official clients strongSwan	

One-Time Link —

IKEv2 view with server hostname, credentials, Root CA certificate, `.sswan` profile, and strongSwan client links

Revision #5

Created 28 September 2026 17:05:46 by Ruslan

Updated 28 September 2026 18:58:40 by Ruslan