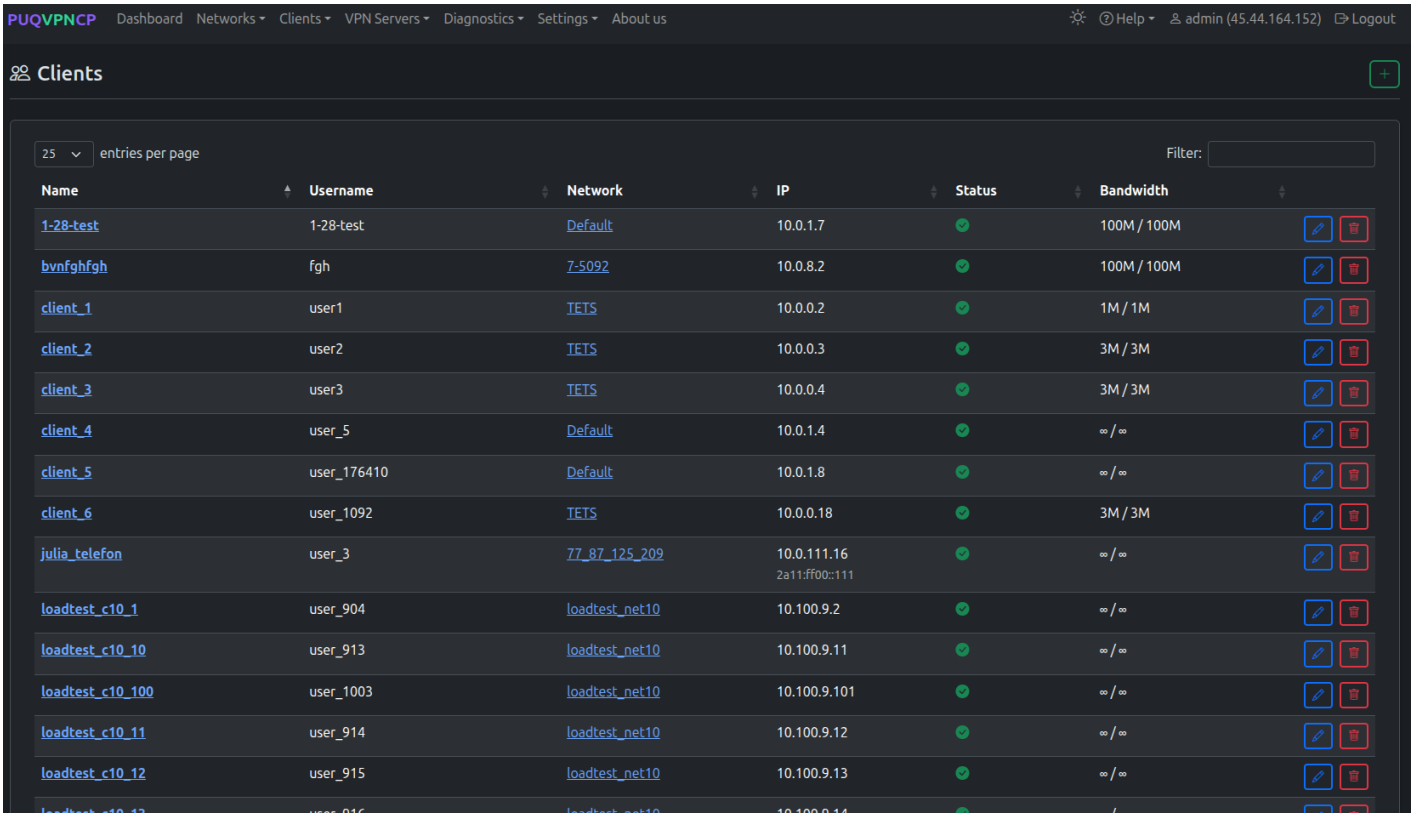
06. Clients

Clients are VPN accounts assigned to a network. Each client gets a unique IP address, WireGuard keys, OpenVPN certificate, and IKEv2 credentials — and can connect via **any** protocol enabled on their network.

> [!TIP] **Automating Client Management with WHMCS**: Instead of manually creating and managing clients, you can automate account provisioning, suspension, cancellation, and configuration delivery using the official **PUQVPNCP WHMCS Provisioning Module**.

Clients List

Navigate to **Clients > List of clients**.



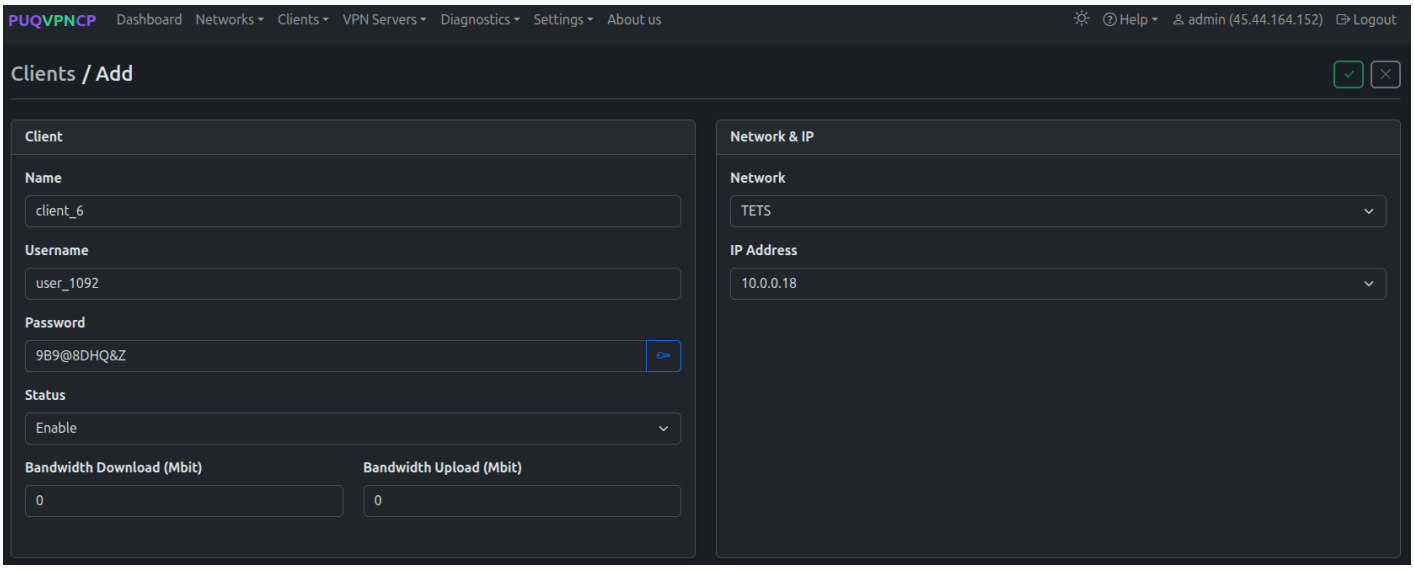
Clients list with name, username, network, IP, status, and bandwidth

Column	Description

Name	Client identifier
Username	VPN login username (for OpenVPN/IKEv2)
Network	The network the client belongs to
IP	Assigned IPv4 address (and IPv6 if enabled)
Status	Enable/Disable
Bandwidth	Download / Upload limits

Adding a Client

Navigate to **Clients > Add client** or click the **+** button.



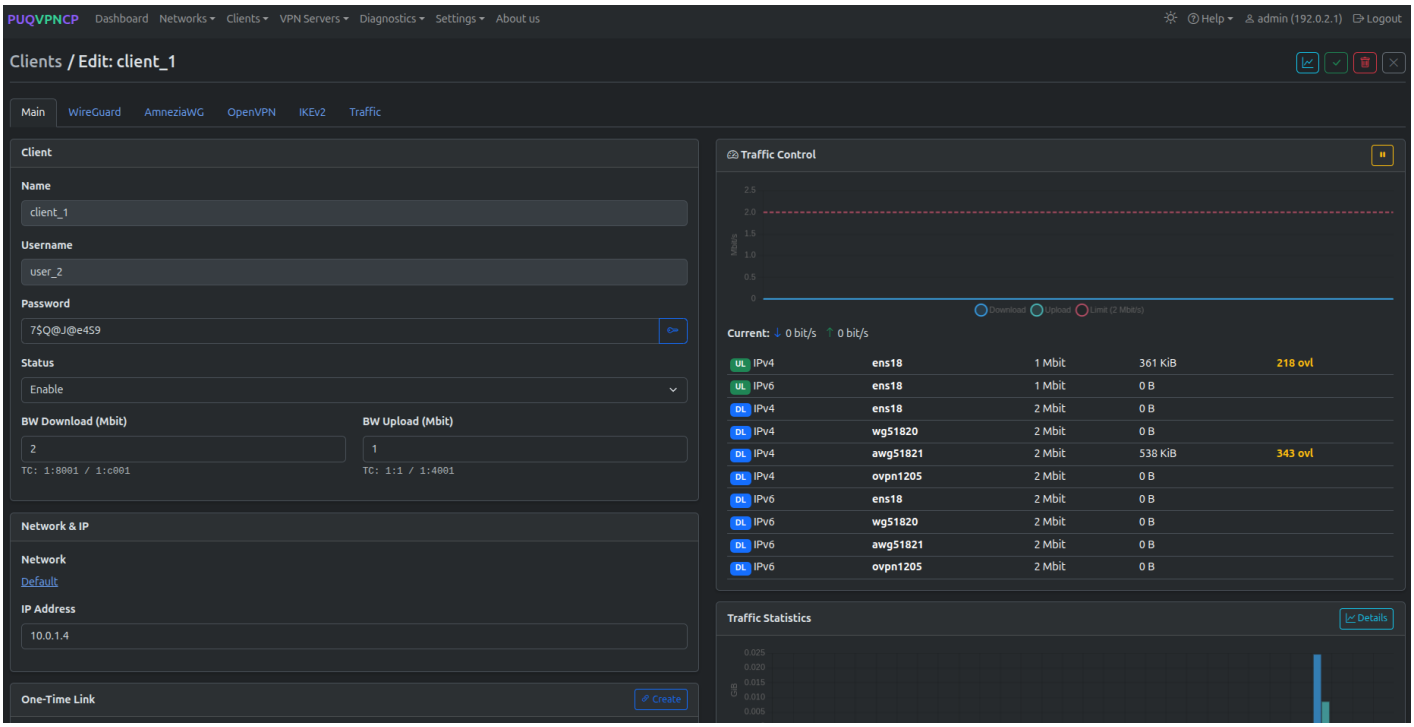
Add a new client

Field	Description
Name	Unique client name
Username	Login for OpenVPN and IKEv2 authentication
Password	Auto-generated or custom. Click the key icon to generate.
Status	Enable or Disable the account
Bandwidth Download / Upload (Mbit)	Per-client speed limit (0 = use network default)
Network	Select the target network
IP Address	Select from available IPs in the subnet

Editing a Client

Click edit on any client to open the tabbed editor.

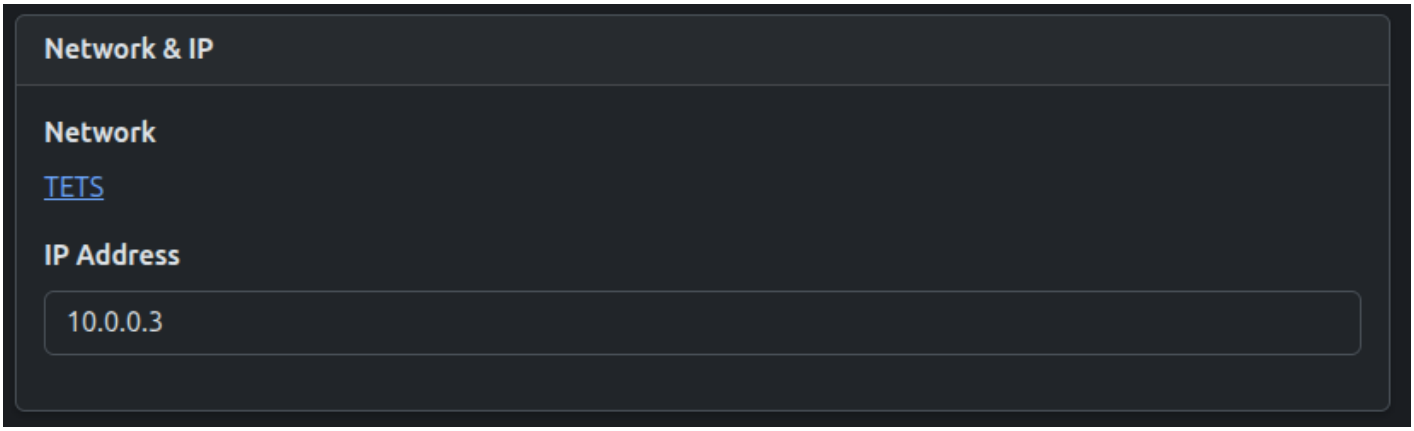
Main Tab



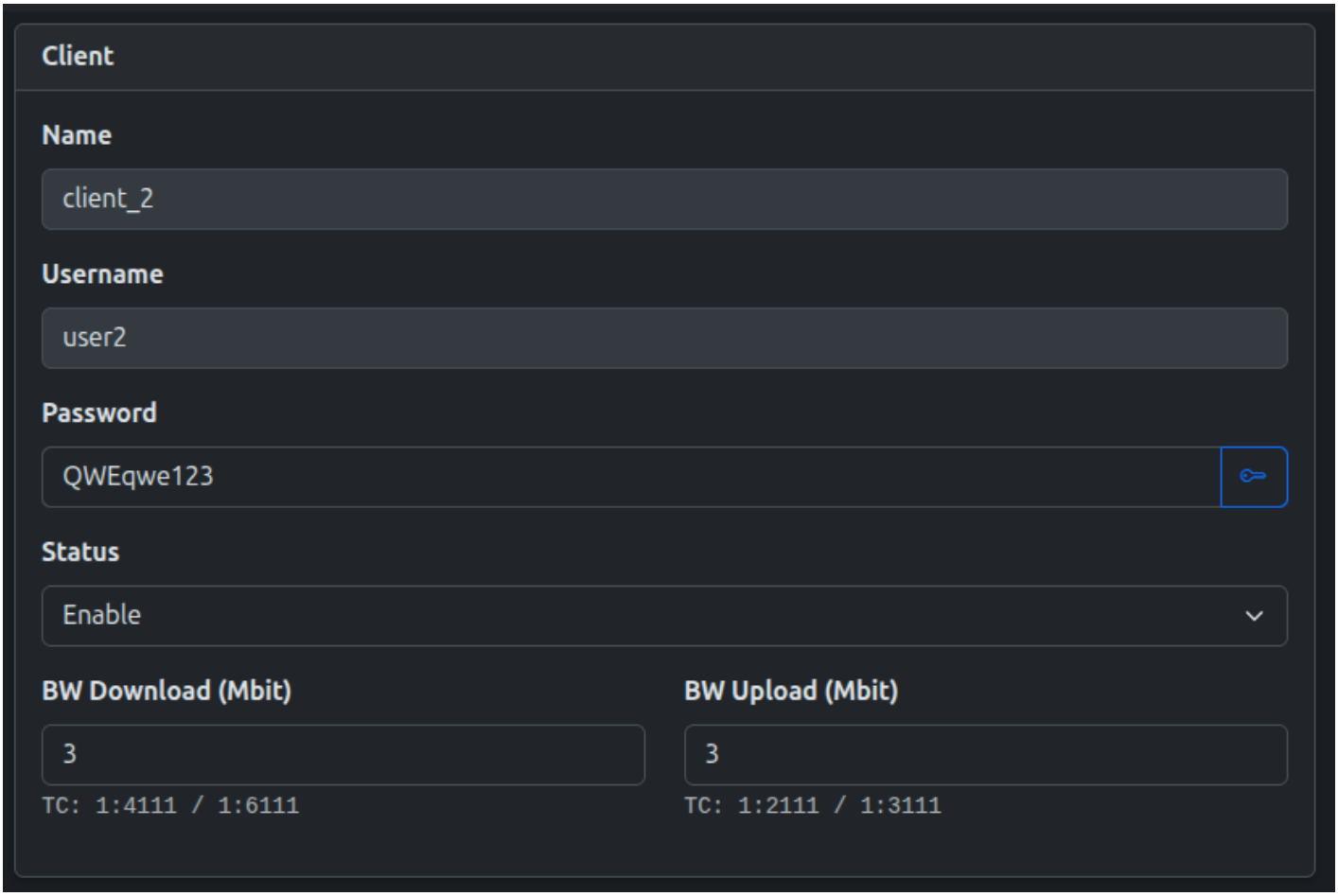
Client edit — Main tab with traffic control and statistics

The Main tab shows:

- **Client settings** (left) — name, username, password, status, bandwidth
- **Network & IP** (right) — network link and assigned IP
- **Traffic Control** (right) — real-time TC classes per interface and direction
- **Traffic Statistics** (right) — monthly chart with download/upload



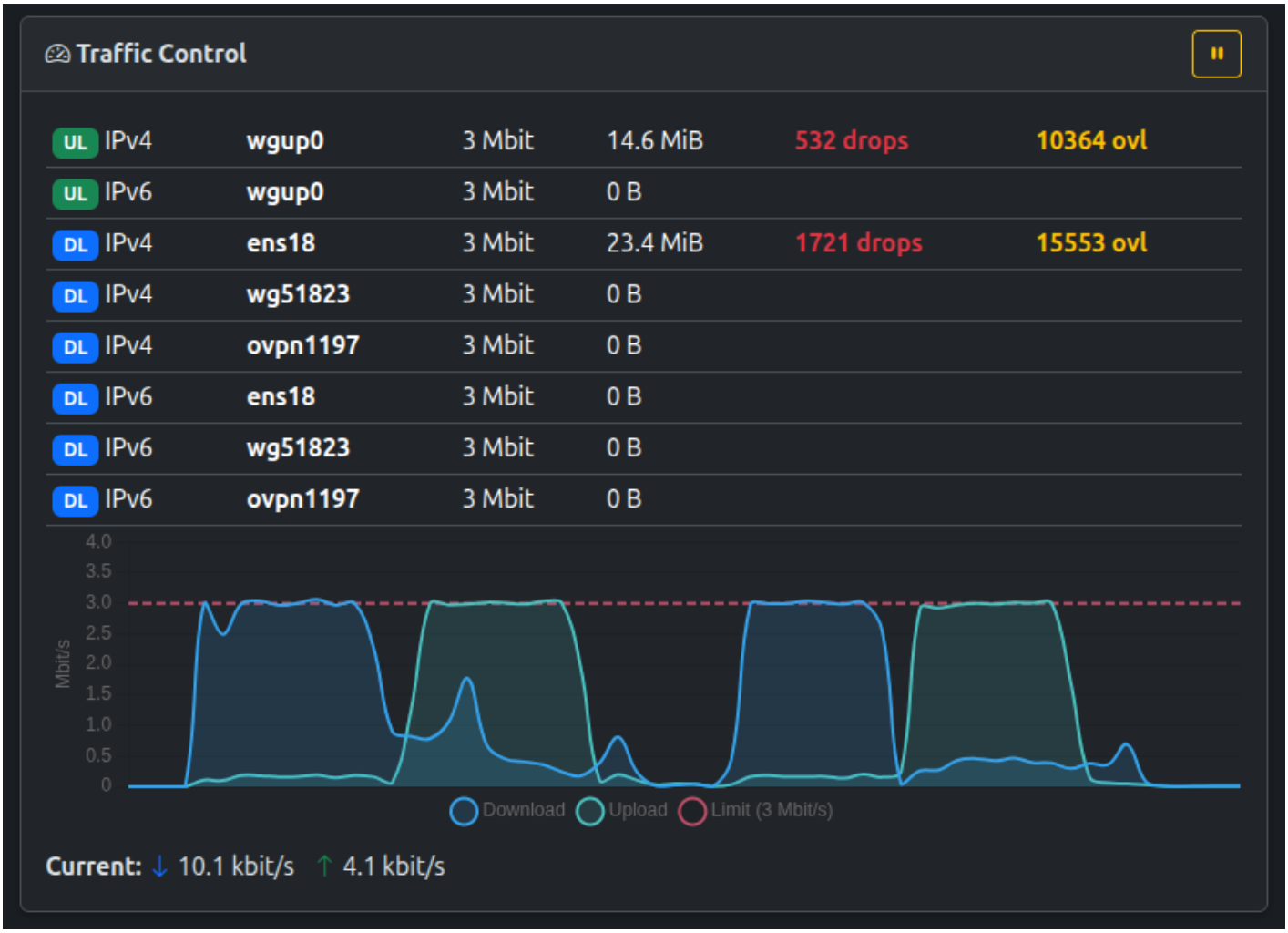
Network & IP card — shows the assigned network and IP address



Bandwidth settings with TC class identifiers

The **TC** line below bandwidth fields shows the traffic control class IDs used for this client (e.g., `TC: 1:4111 / 1:6111` for download IPv4/IPv6).

Traffic Control Card

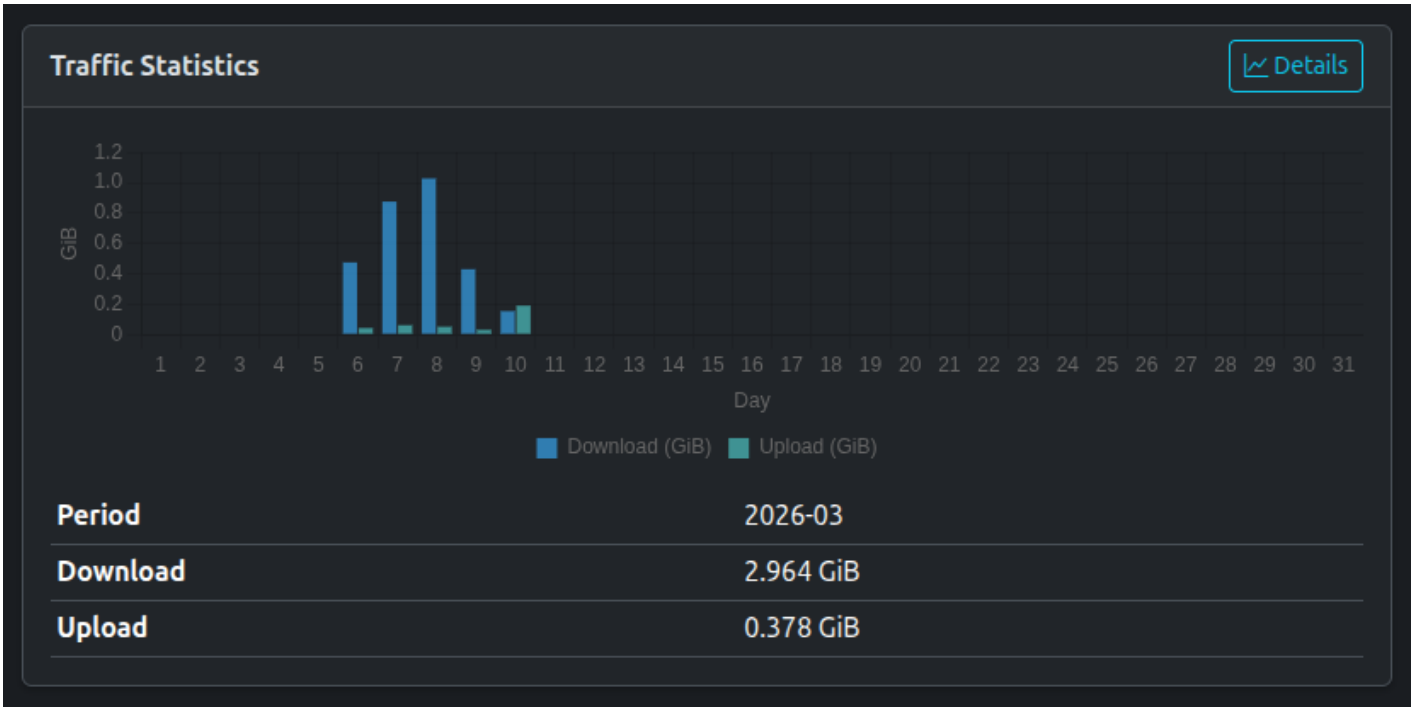


Real-time traffic control with bandwidth graph

The Traffic Control card provides:

- **Per-direction stats** — Upload/Download for IPv4/IPv6 on each interface
- **Live bandwidth graph** — real-time download, upload, and limit lines
- **Current speed** — current download and upload rates
- **Drops and overlimits** — highlighted in red/yellow when bandwidth is exceeded

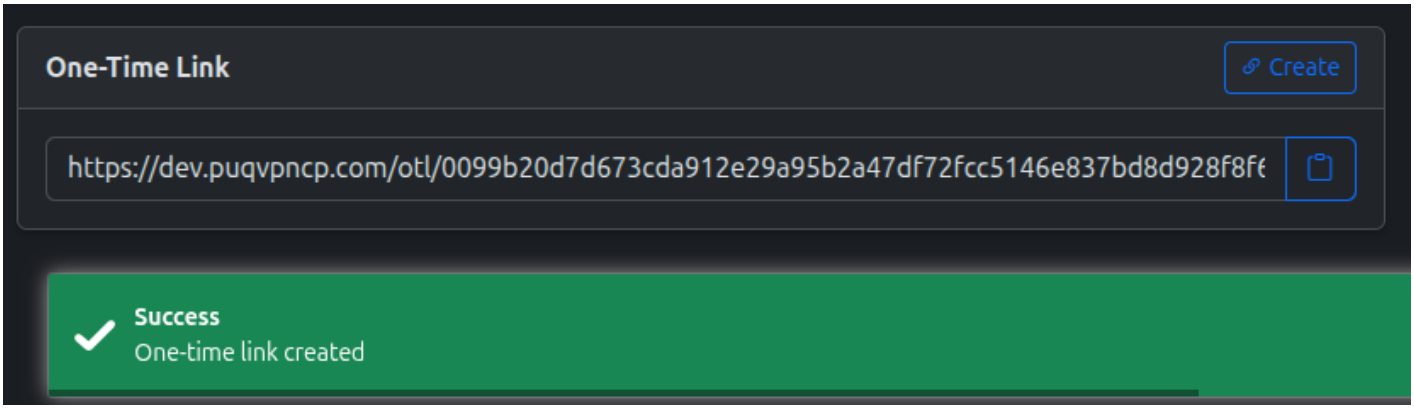
Traffic Statistics



Monthly traffic statistics

One-Time Link

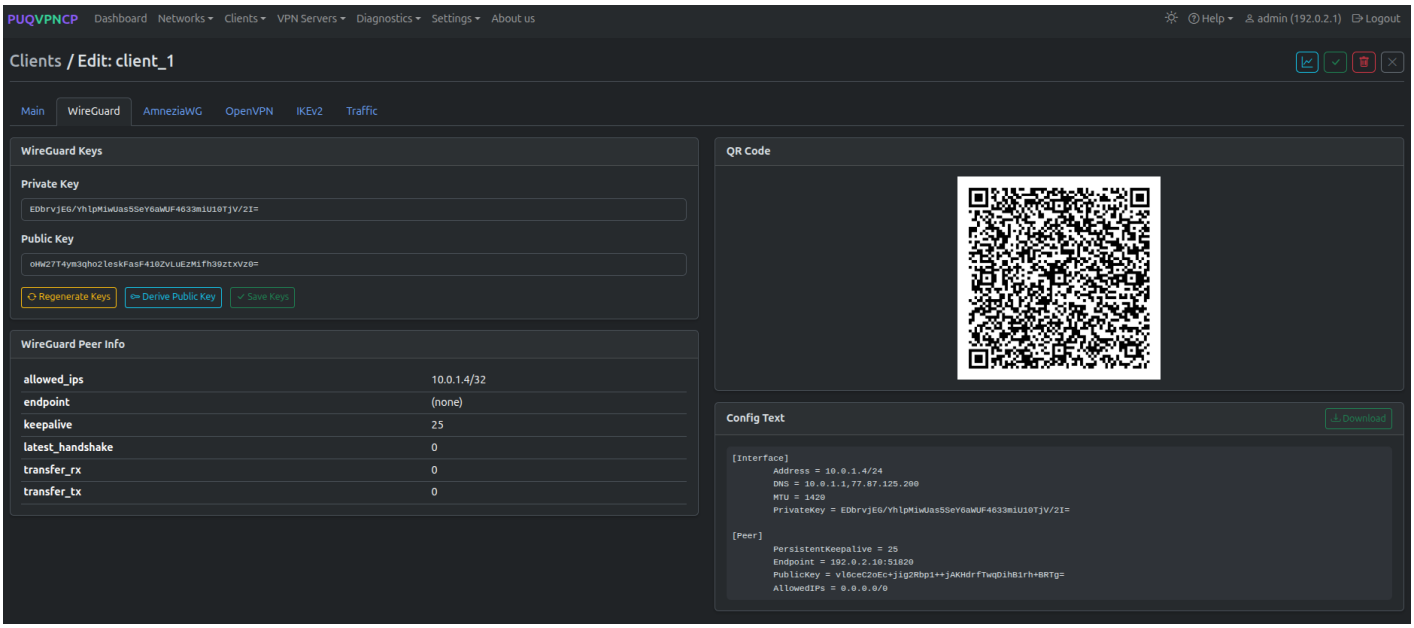
From the Main tab, click **Create** in the One-Time Link section to generate a self-service configuration URL.



One-time link generated successfully

The link allows the end user to download their VPN configuration files, QR codes, and credentials without admin panel access. See One-Time Links for details.

WireGuard Tab

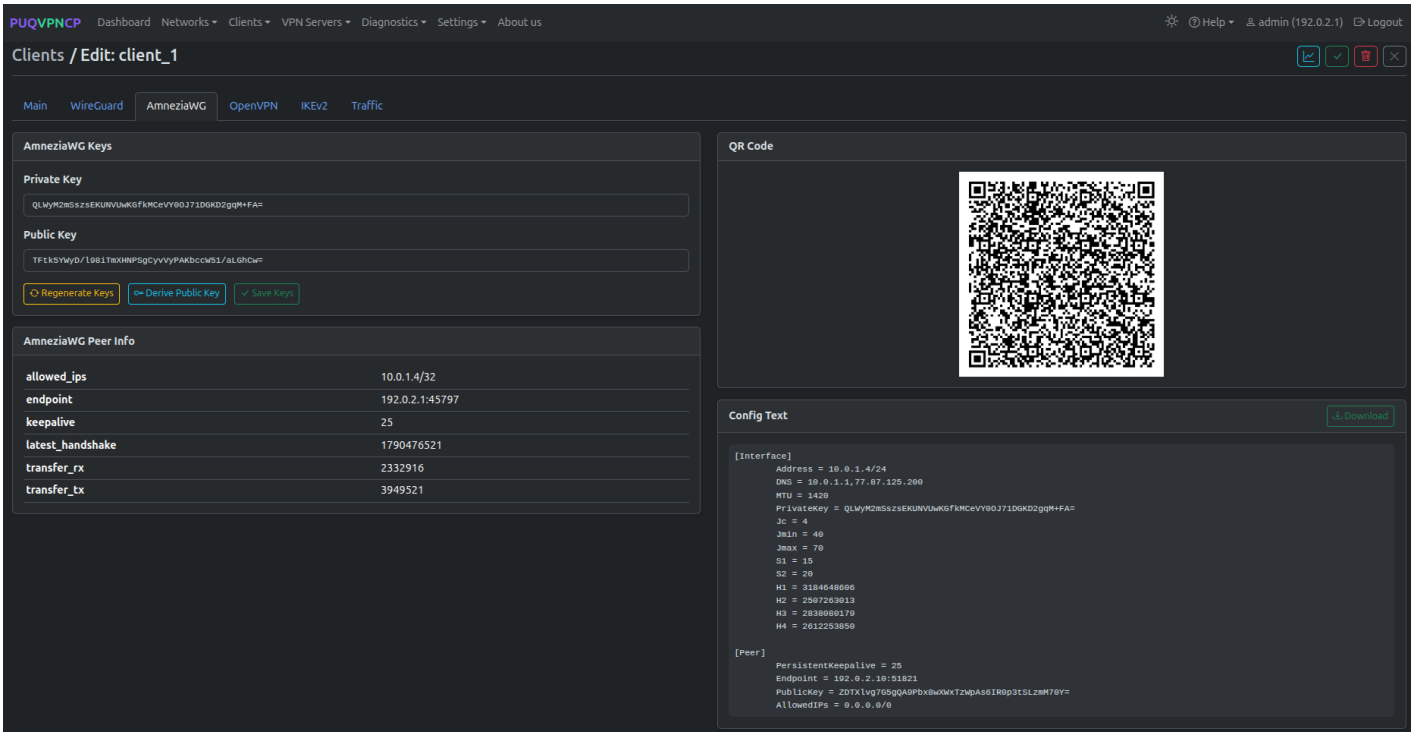


Client edit — WireGuard tab

Displays:

- **WireGuard Keys** — private/public key pair (regeneratable)
- **WireGuard Peer Info** — allowed IPs, endpoint, last handshake, transfer stats
- **QR Code** — scannable QR code for mobile client apps
- **Config Text** — full WireGuard configuration for copy/paste

AmneziaWG Tab

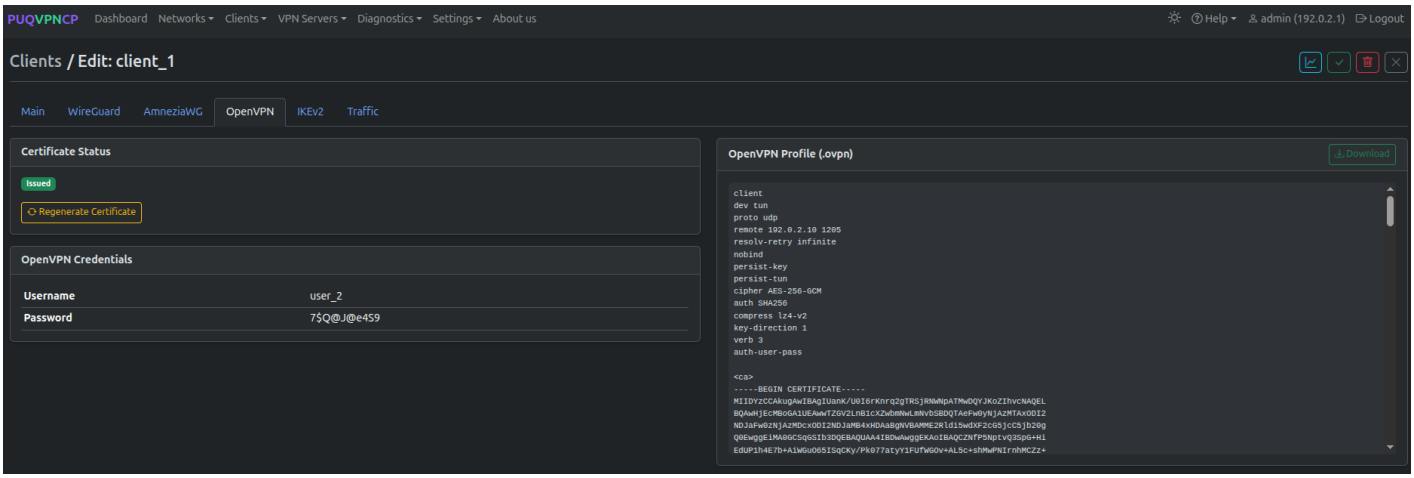


Client edit — AmneziaWG tab with keys and QR code

Displays:

- **AmneziaWG Keys & Obfuscation** — private/public key pair and obfuscation parameters (H1–H4, Jc, Jmin, Jmax, S1, S2)
- **AmneziaWG Peer Info** — allowed IPs, endpoint, last handshake, transfer stats
- **QR Code** — scannable QR code for AmneziaWG mobile apps (iOS and Android)
- **Config Text & Download** — full AmneziaWG `.conf` configuration file

OpenVPN Tab

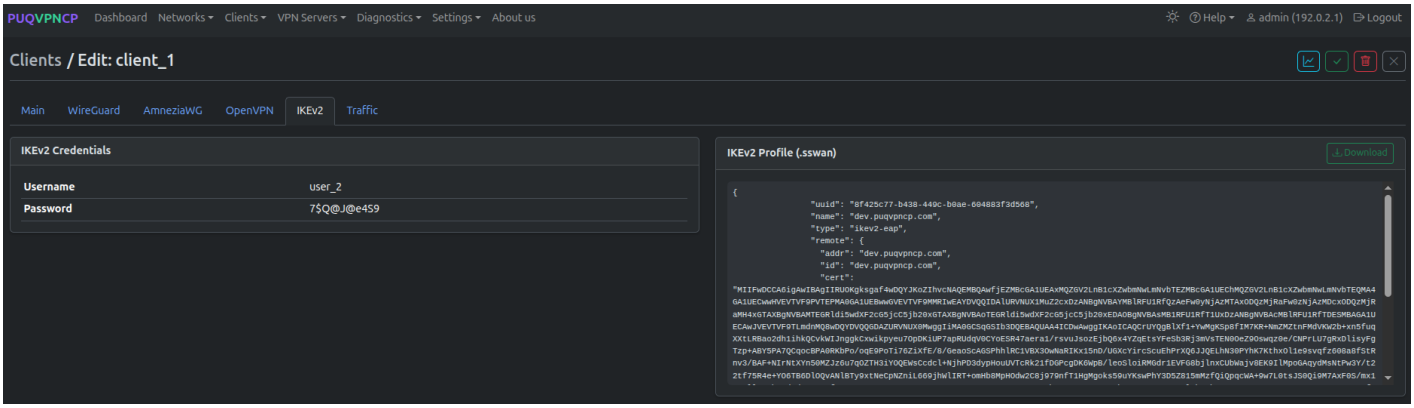


Client edit — OpenVPN tab

Displays:

- **Certificate Status** — Issued / Revoked with regeneration option
- **OpenVPN Credentials** — Username and password
- **OpenVPN Profile (.ovpn)** — full configuration file with embedded certificates, downloadable

IKEv2 Tab

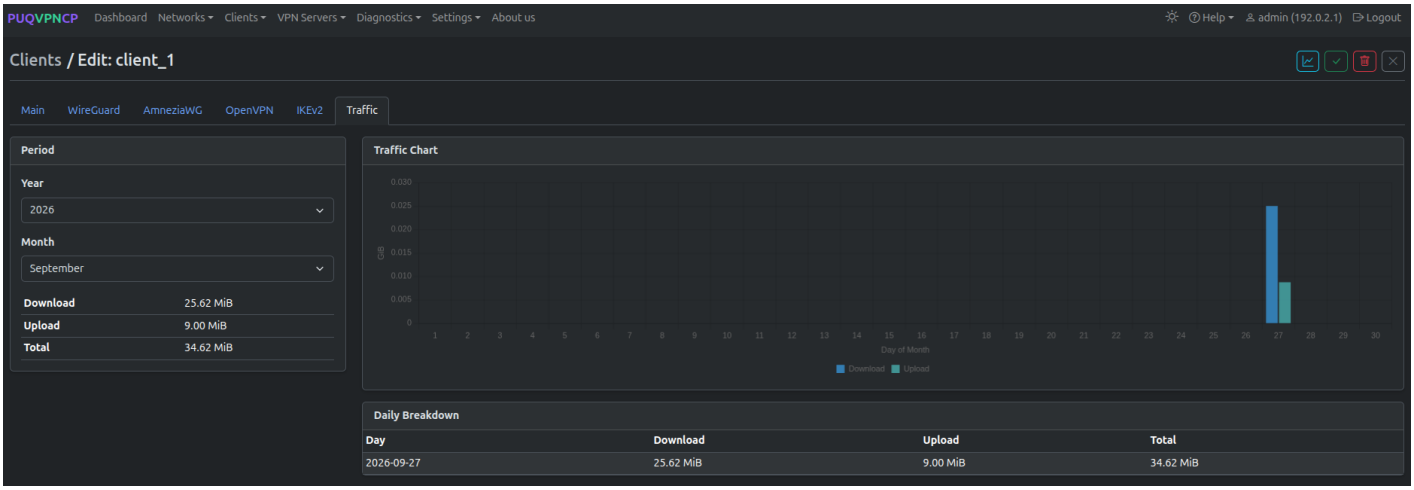


Client edit — IKEv2 tab

Displays:

- **IKEv2 Credentials** — username and password
- **IKEv2 Profile (.sswan)** — strongSwan configuration file, downloadable

Traffic Tab



Client edit — Traffic tab with chart and daily breakdown

Monthly traffic view with:

- Period selector (year/month)
- Traffic Chart (daily bars)
- Download / Upload / Total aggregates
- Daily Breakdown table

Clients Online

Navigate to **Clients > Clients online** to see currently connected VPN users across all protocols.

The page shows a unified view of:

- WireGuard peers with recent handshakes
- AmneziaWG peers with recent handshakes
- OpenVPN connected sessions
- IKEv2 active SAs (security associations)

Each entry displays the client name, protocol, IP address, and connection duration.

Revision #9

Created 28 September 2026 17:05:11 by Ruslan
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