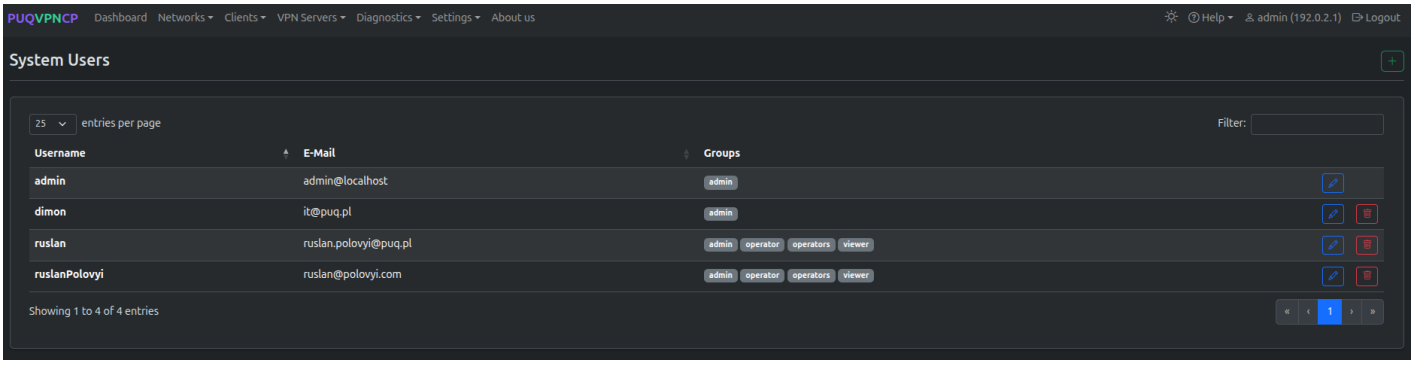
Image not found or type unknown

17. System Settings

System Users

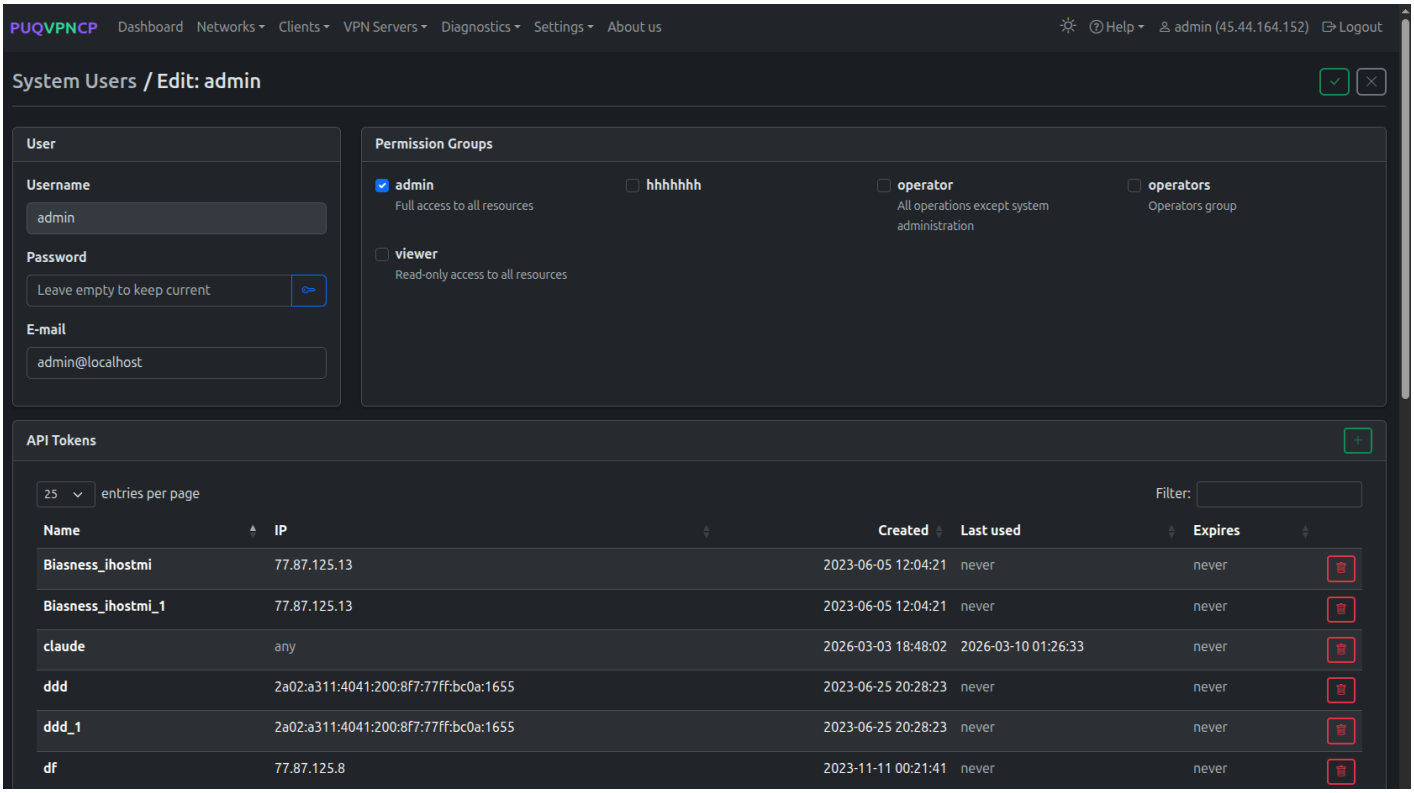
Navigate to **Settings > System users**.



System users list

PUQVPNCP supports multiple administrator accounts with role-based access control.

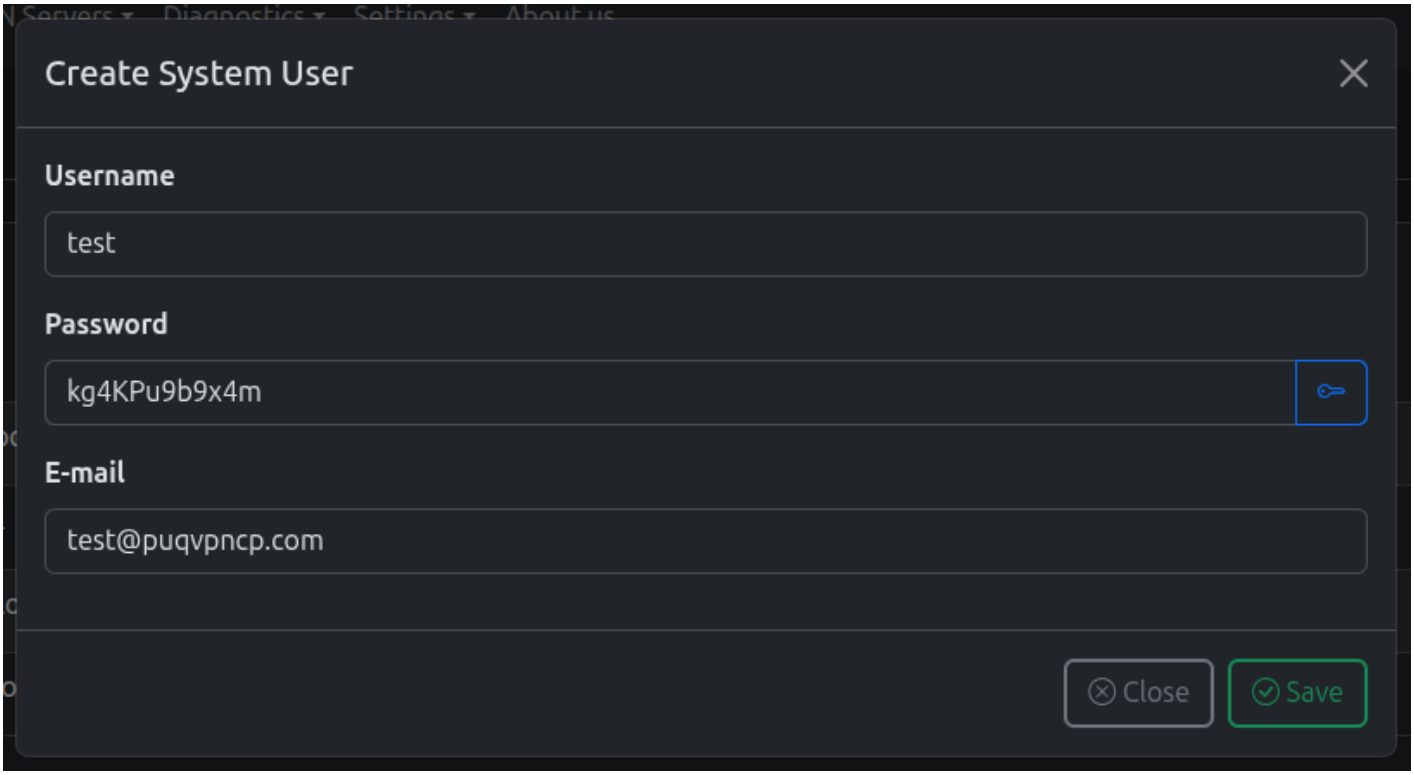
Adding a User



Add a new system user

Field	Description
Username	Unique login name
Email	User email
Password	Account password
Groups	Permission groups assigned to this user

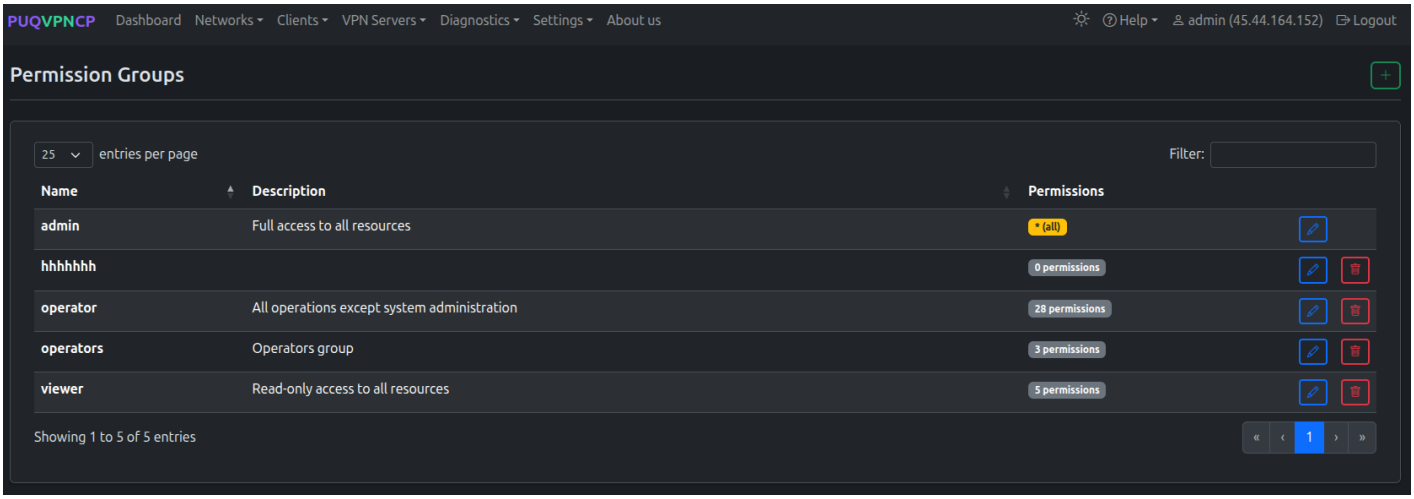
Editing a User



Edit system user

Permission Groups

Navigate to **Settings > Permission groups**.



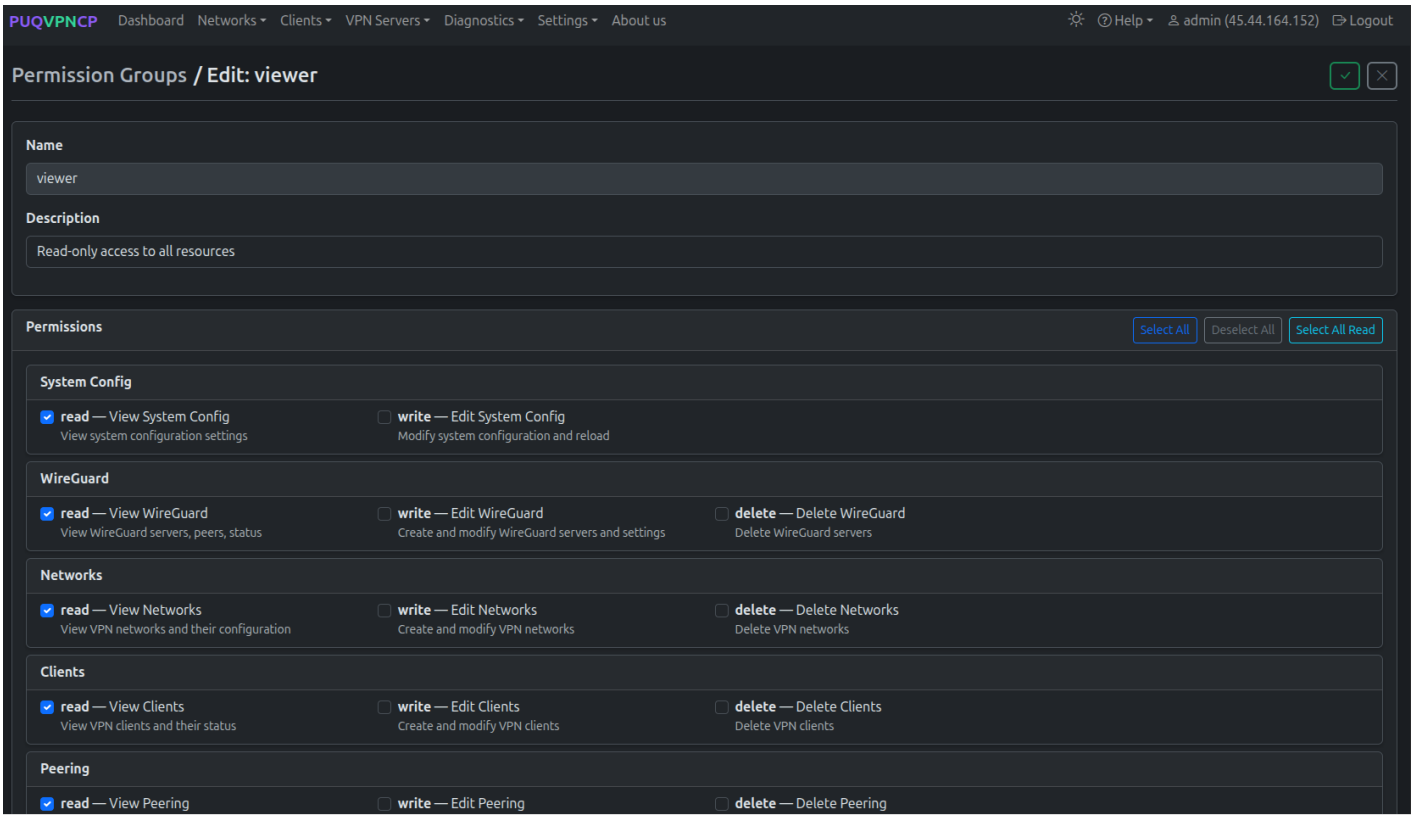
Permission groups list

Permission groups define what actions a user can perform. PUQVPNCP includes 36+ granular permissions across 17 resource categories.

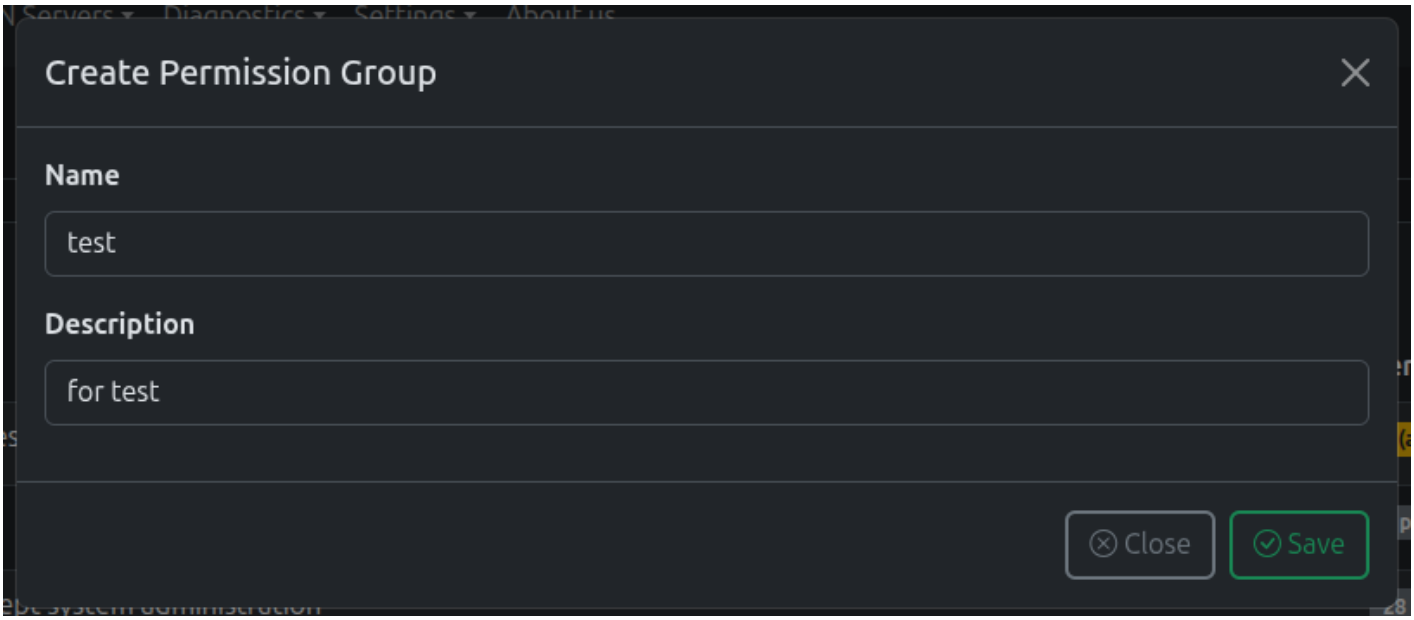
Default Groups

Group	Access Level
admin	Full access to everything
operator	All operations except system settings
viewer	Read-only access to all pages

Creating a Custom Group



Create a new permission group



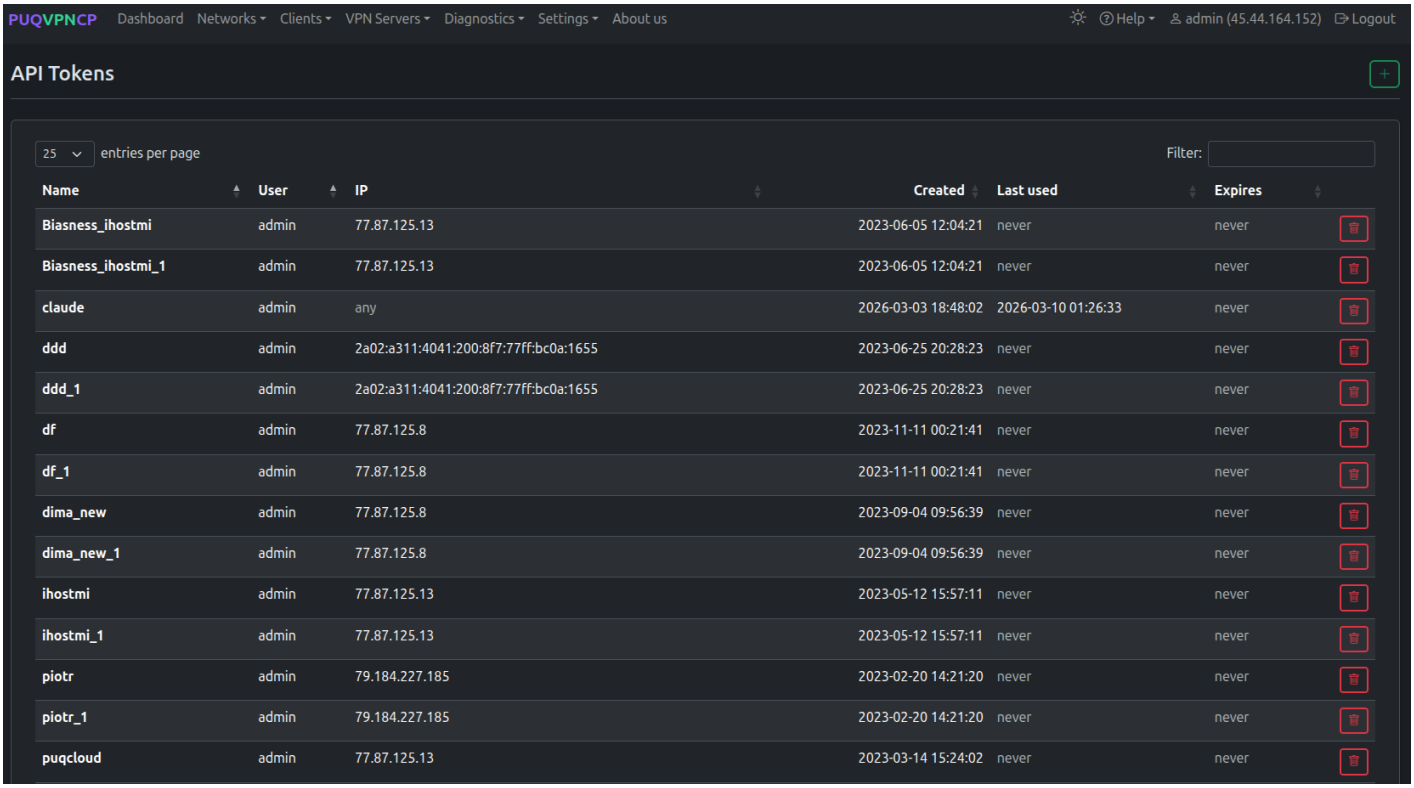
Edit permission group — select permissions by resource

Permissions are organized by resource:

Resource	Permissions
system_config	read, write
wireguard	read, write
amneziawg	read, write
network	read, write
client	read, write
peering	read, write
account	read, write
openvpn	read, write
ikev2	read, write
diagnostics	read, write
firewall	read, write
dns	read, write
otl	read, write
traffic (Monitoring)	read, write
backups	read, write
license	read, write
api_tokens	read, write
system_users	read, write
permission_groups	read, write

API Tokens

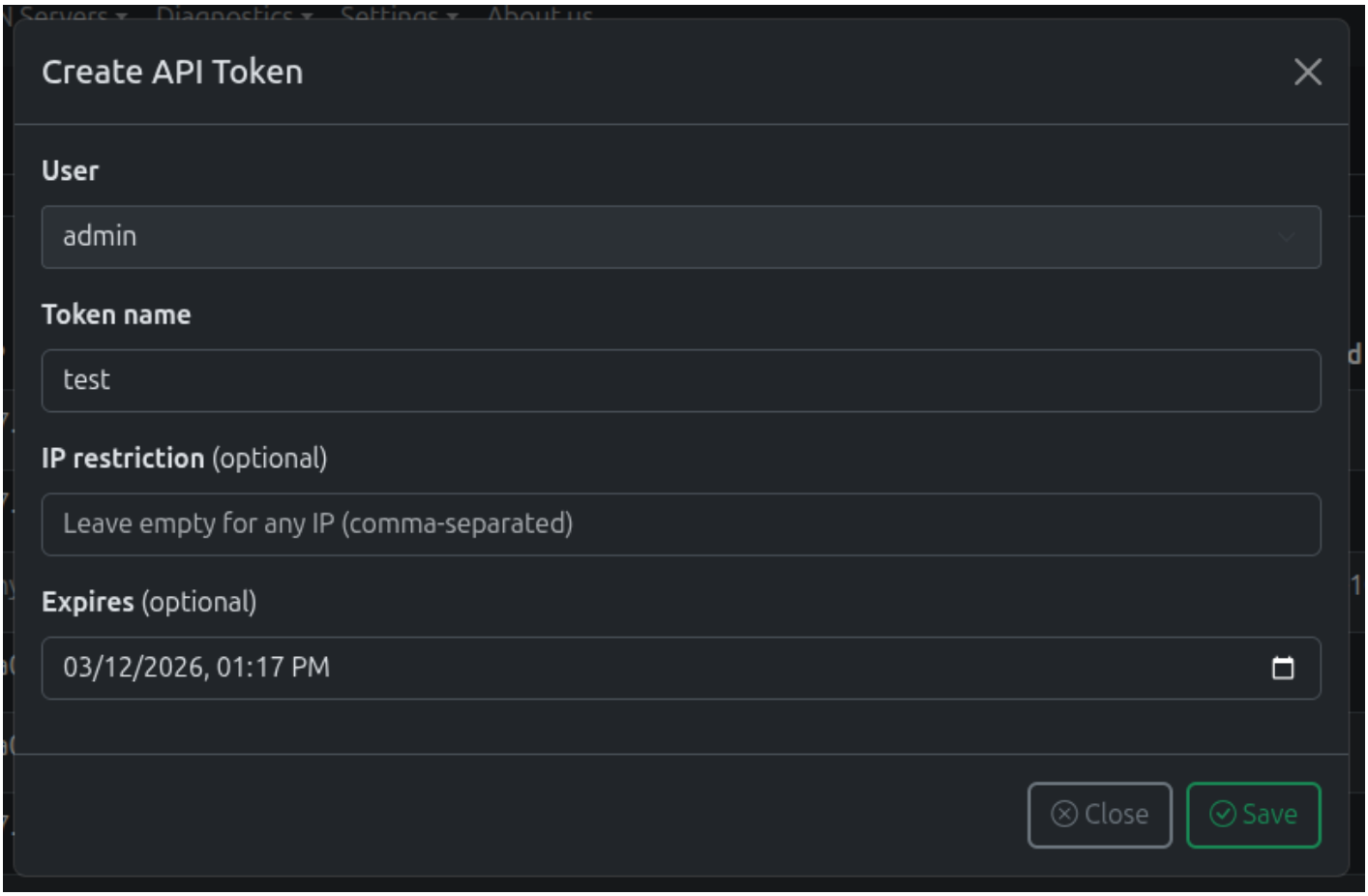
Navigate to **Settings > API Tokens**.



API tokens list

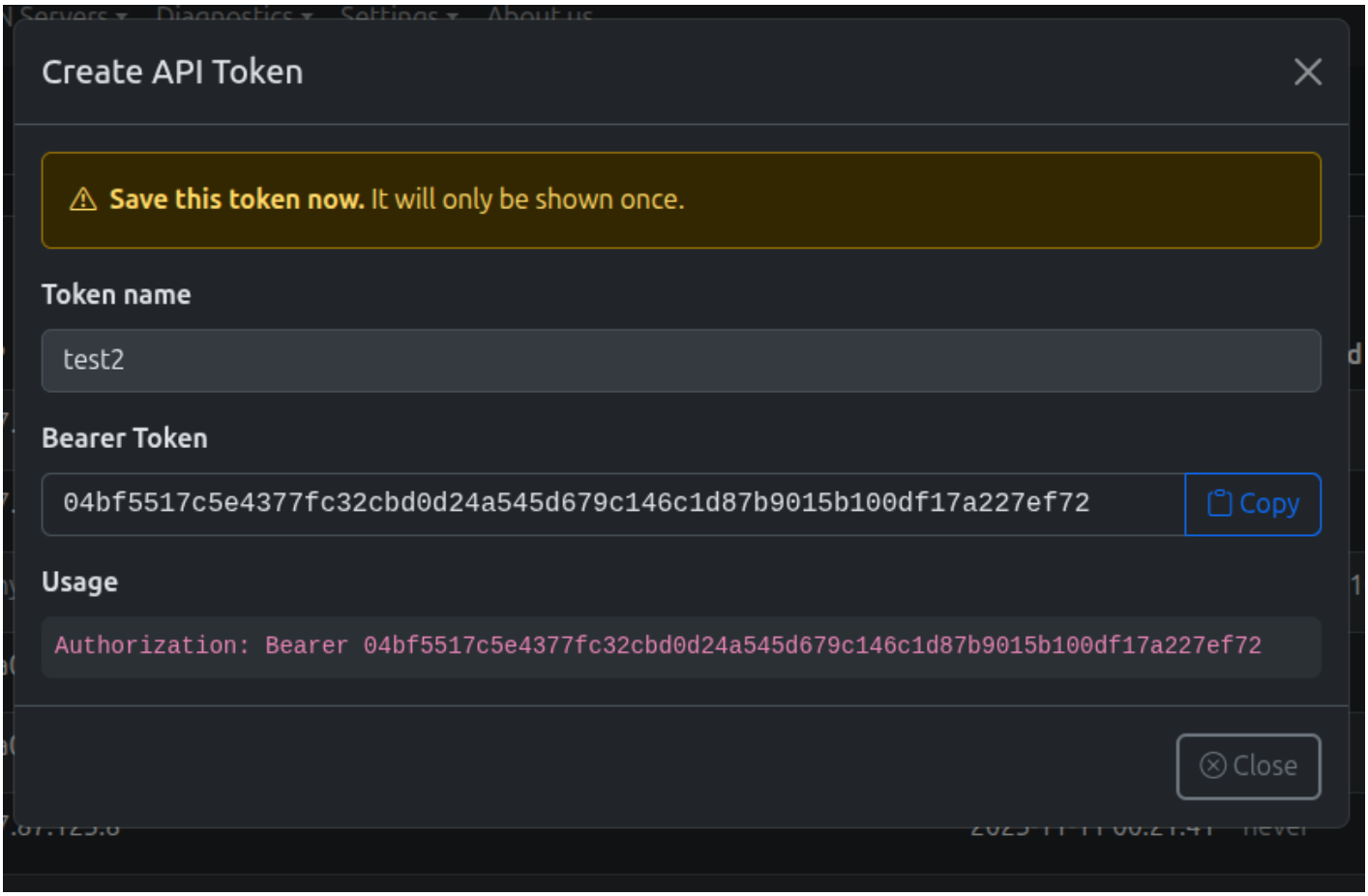
API tokens provide programmatic access to the REST API without using session cookies.

Creating a Token



Create a new API token

Field	Description
Name	Token description
Username	The user this token belongs to (inherits permissions)
Allowed IP	Restrict token to a specific IP (empty = any)
Expires At	Token expiration date (empty = never)



Token created — copy the token now, it won't be shown again

> **Important:** The token value is shown only once. Copy it immediately after creation.

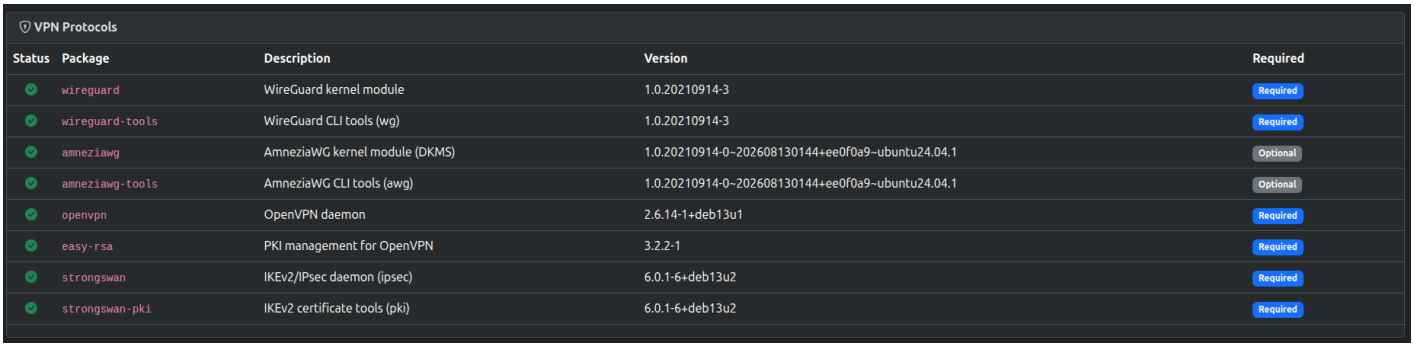
Usage

Include the token in the `Authorization` header:

```
curl -sk https://vpn.example.com/api/v1/system/status \
  -H "Authorization: Bearer YOUR_TOKEN_HERE"
```

Environment Check

Navigate to **Settings > Environment**.



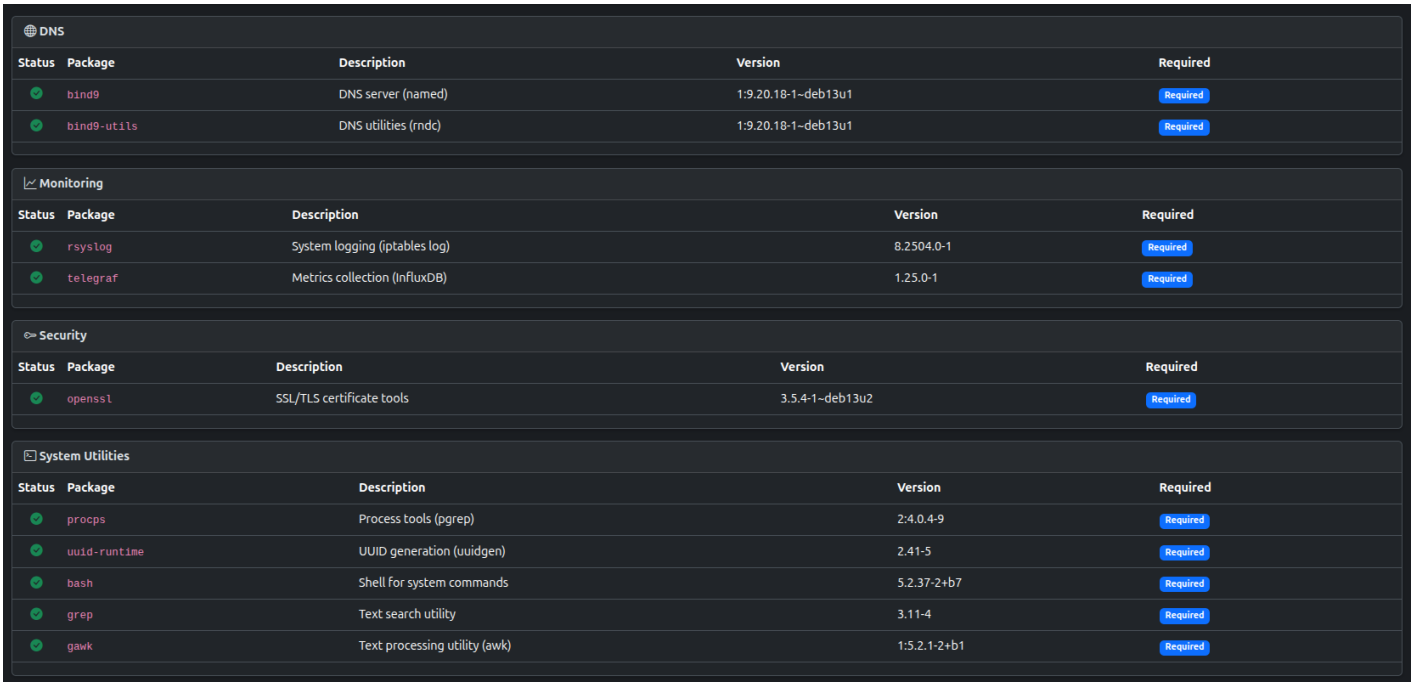
VPN Protocols

Status	Package	Description	Version	Required
✓	wireguard	WireGuard kernel module	1.0.20210914-3	Required
✓	wireguard-tools	WireGuard CLI tools (wg)	1.0.20210914-3	Required
✓	amneziawg	AmneziaWG kernel module (DKMS)	1.0.20210914-0~202608130144+ee0f0a9~ubuntu24.04.1	Optional
✓	amneziawg-tools	AmneziaWG CLI tools (awg)	1.0.20210914-0~202608130144+ee0f0a9~ubuntu24.04.1	Optional
✓	openvpn	OpenVPN daemon	2.6.14-1+deb13u1	Required
✓	easy-rsa	PKI management for OpenVPN	3.2.2-1	Required
✓	strongswan	IKEv2/IPsec daemon (ipsec)	6.0.1-6+deb13u2	Required
✓	strongswan-pki	IKEv2 certificate tools (pki)	6.0.1-6+deb13u2	Required

Environment check — verify all required packages

The Environment page scans for all required and optional system packages:

- **VPN Protocols** — wireguard, amneziawg, openvpn, easy-rsa, strongswan
- **Network & Firewall** — iproute2, iptables, ipset
- **DNS** — bind9, bind9-utils
- **Monitoring** — rsyslog, telegraf
- **Security** — openssl
- **System Utilities** — procps, uuid-runtime, bash, grep, gawk
- **Network Configuration** — ifupdown2 (Debian) or netplan.io (Ubuntu)



DNS

Status	Package	Description	Version	Required
✓	bind9	DNS server (named)	1:9.20.18-1~deb13u1	Required
✓	bind9-utils	DNS utilities (rndc)	1:9.20.18-1~deb13u1	Required

Monitoring

Status	Package	Description	Version	Required
✓	rsyslog	System logging (iptables log)	8.2504.0-1	Required
✓	telegraf	Metrics collection (InfluxDB)	1.25.0-1	Required

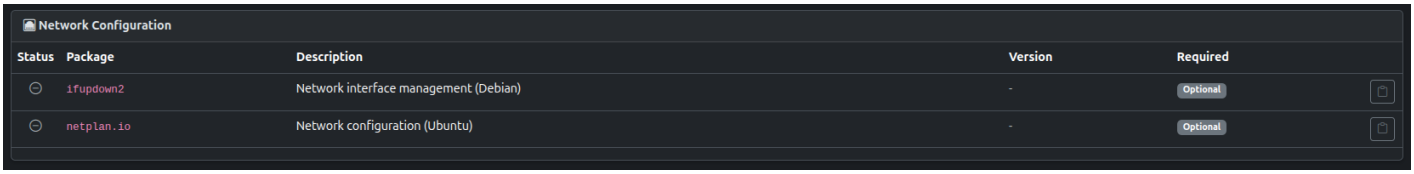
Security

Status	Package	Description	Version	Required
✓	openssl	SSL/TLS certificate tools	3.5.4-1~deb13u2	Required

System Utilities

Status	Package	Description	Version	Required
✓	procps	Process tools (pgrep)	2:4.0.4-9	Required
✓	uuid-runtime	UUID generation (uuidgen)	2.41-5	Required
✓	bash	Shell for system commands	5.2.37-2+b7	Required
✓	grep	Text search utility	3.11-4	Required
✓	gawk	Text processing utility (awk)	1:5.2.1-2+b1	Required

Environment check — DNS, Monitoring, Security, System Utilities



Network Configuration

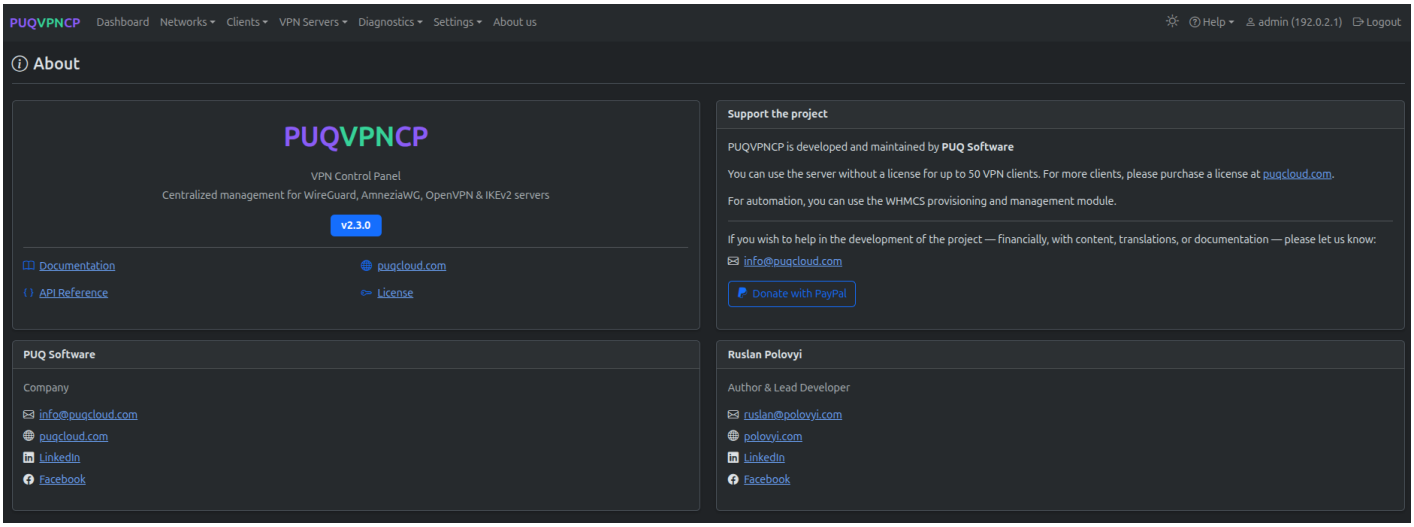
Status	Package	Description	Version	Required
⊖	ifupdown2	Network interface management (Debian)	-	Optional
⊖	netplan.io	Network configuration (Ubuntu)	-	Optional

Environment check — Network Configuration (ifupdown2 / netplan.io)

Missing packages are highlighted and can be installed via the system package manager.

About Us & Project Support

Navigate to **About us** in the top navigation bar.



About Us — licensing information, WHMCS provisioning module integration, and support links

The About page displays project license limits (up to 50 VPN clients without license, unlimited with license from puqcloud.com), integration options including the official **PUQVPNCP WHMCS Provisioning Module**, and links to documentation and support.

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