

PUQVPNCP installation and configuration

WireGuard VPN module **WISECP**

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Official documentation:

[PUQVPNCP Documentation](#)

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1. Install the required packages

```
apt-get update  
apt-get install wireguard wireguard-dkms wireguard-tools -y  
apt-get install iproute2 iptables -y  
apt-get install bind9 -y
```

2. Download the latest version of the package

<https://download.puqcloud.com/cp/puqvpncp/>

3. Install the puqvpncp package

```
wget https://download.puqcloud.com/cp/puqvpncp/puqvpncp_XXXX_amd64.deb  
dpkg -i puqvpncp_XXXX_amd64.deb
```

4. After installation, connect to your server via a web

browser.

http://SERVER_IP:8098

Username: admin

Password: admin

PUQVPNCP

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ruslan (79.184.10.59)

Logout

Server Information

Hostname: dev.softkeel.com

OS Name: Debian GNU/Linux 11 (bullseye)

Architecture: amd64

CPU: Common KVM processor

CPU Threads: 4

Load: 0.02, 0.09, 0.14

Memory: 7956 MB

Used: 70%

Timezone: Europe/Warsaw

PUQVPNCP

Status: OK

Version: 1.0

WireGuards: 109

VPN Accounts: 548/550

License: 2023-11-13T18:38:43+01:00

License

Reload

WireGuard

wireguard: 1.0.20210223-1

wireguard-dkms: 1.0.20210219-1

wireguard-tools: 1.0.20210223-1

Configure

Firewall

iptables: 1.8.7-1

iproute2: 5.10.0-4

Configure

DNS server

bind9: 1:9.16.33-1~deb11u1

Running: PID: 3092940

Configure

nano /etc/puqvpnncp/puqvpnncp.conf

LetsEncryptSSL=yes

Domain=XXXXXX.XXX

Restart the PUQVPNCP service

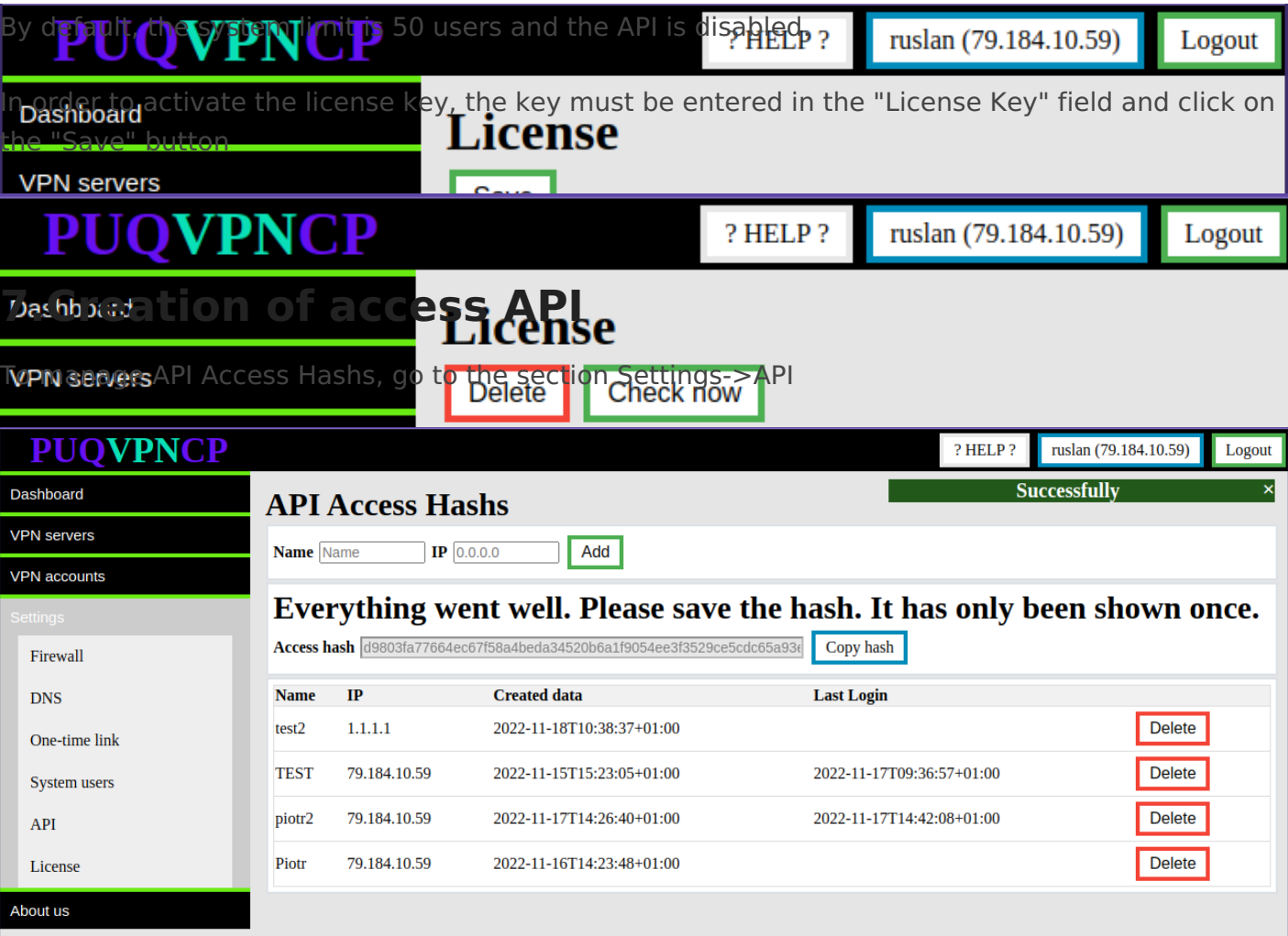
service puqvpnncp restart

After these steps, the first time you connect to the server via the https protocol, the system will request an SSL certificate and automatically renew it if necessary.

ATTENTION. After activating SSL, the system will only work in the https protocol on port 443. A redirect is also set from port 80 to port 443.

To connect to the server via the https protocol, use only the domain that was set in the configuration file.
Otherwise, you will get an error that SSL is not working correctly.

6. License configuration is available in the menu item **Settings->License**



Enter the name and IP address of the WHMCS server and click the **ADD** button

Attention.
The generated Access hash will only be shown once. Copy it, it will be needed during configuration of the product server in the WHMCS system.

Accept the fact that once the Access Hashs API is created, it will only be shown once. Each API Access Hash only works from a specific IP address.

8. Creation of access API

Add new WireGuard is available in the menu item **VPN servers->WireGuard->Click Create**

PUQVPNCP

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Create

| Find By Name | Peers | Find By Interface | Find By Network | Internal Traffic | Port | External IP | DNS | Peer Download | Peer Upload | |
|---------------|-------|-------------------|-----------------|------------------|-------|---------------|-----------------|---------------|-------------|-------------|
| 1-4819 | 0 | wg7 | 10.0.6.1/24 | YES | 51827 | 77.87.125.209 | 8.8.8.8 1.1.1.1 | 3M | 4M | Edit Delete |
| 1-4820 | 1 | wg8 | 10.0.7.1/24 | YES | 51828 | 77.87.125.200 | 8.8.8.8 1.1.1.1 | 3M | 4M | Edit Delete |
| 77_87_125_209 | 7 | wg110 | 10.0.110.1/24 | YES | 51930 | 77.87.125.200 | 10.0.110.1 | 12M | 12M | Edit Delete |

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WireGuard / Add WireGuard

Add

Name

Default_7

Private key

WE+qTOu2TvtwKtuMs5hjecxO2zFXqC

Public key

O1f/+xedMQqJj+cRE+DOfk6wDawH5J

Interface name

wg24

IP/MASK

10.0.22.1/24

Internal Traffic

DROP

Port

51844

External IP

77.87.125.200

DNS 1

10.0.22.1

DNS 2

77.87.125.200

Peers configuration

Bandwidth download (in M) per peer

0

Bandwidth upload (in M) per peer

0

Enter or edit the parameters of the new server/interface and click the **ADD** button

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