

PUQVPNCP installation and configuration

WireGuard VPN module **WHMCS**

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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_1.1-2_amd64.deb
dpkg -i puqvpncp_1.1-2_amd64.deb
```

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

browser.

http://SERVER_IP:8098

Username: admin

Password: admin

PUQVPNCP

Dashboard

VPN servers

Requirements

VPN accounts

Settings

About us

? HELP ?

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: 1.0.20210219-1

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

In order for the system to start the procedure for obtaining an SSL certificate from Let's Encrypt, it is necessary.

The active domain name that resolves the server's IP address.

• Port 80 and 443 are always open, and not busy with another process

In the configuration file, enable the use of SSL and enter the domain name.

nano /etc/puqvpnncp/puqvpnncp.conf

LetsEncryptSSL=yes

Domain=XXXXXX.XXX

Restart the PUQVPNCP service

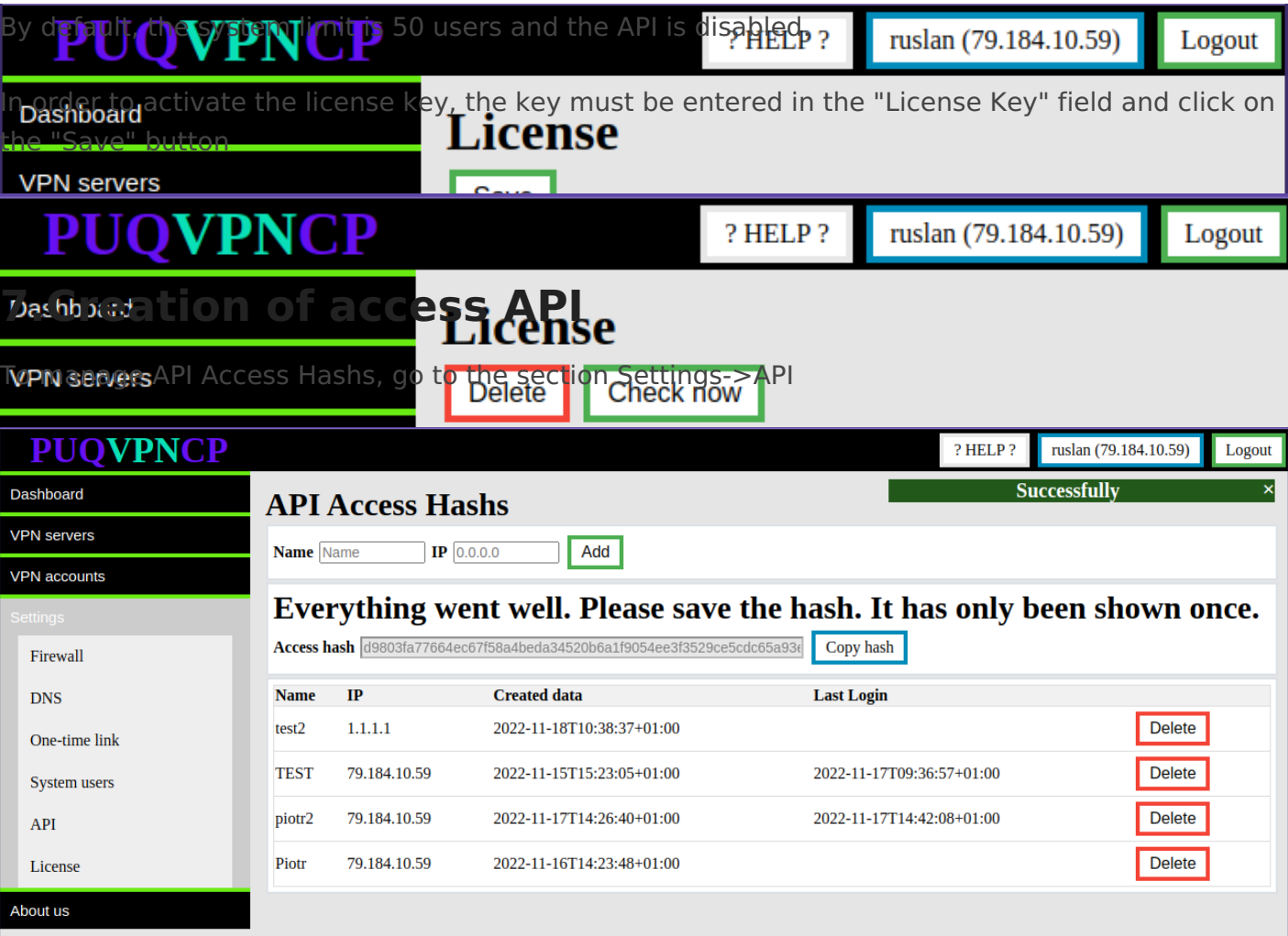
service puqvpnncp restart

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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WireGuard

Create

Find By NamePeersFind By InterfaceFind By NetworkInternal TrafficPortExternal IPDNSPeer DownloadPeer Upload

1-4819	0	wg7	10.0.6.1/24	YES	51827	77.87.125.209	8.8.8.8	1.1.1.1	3M4M	EditDelete
1-4820	1	wg8	10.0.7.1/24	YES	51828	77.87.125.200	8.8.8.8	1.1.1.1	3M4M	EditDelete
77_87_125_209	7	wg110	10.0.110.1/24	YES	51930	77.87.125.200	10.0.110.1		12M12M	EditDelete

PUQVPNCP

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WireGuard / Add WireGuard

Add

NameDefault_7Private keyWE+qTOu2TvtwKtuMs5hjecxO2zFXqCPublic keyO1f/+xedMQqJj+cRE+DOfk6wDawH5J

Interface namewg24IP/MASK10.0.22.1/24Internal TrafficDROPPort51844External IP77.87.125.200DNS 110.0.22.1DNS 277.87.125.200

Peers configurationBandwidth download (in M) per peer0Bandwidth upload (in M) per peer0

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

Revision #5

Created 25 November 2022 09:13:16 by Ruslan

Updated 11 June 2024 10:02:54 by Yuliia Noha