# PUQVPNCP installation and configuration

## WireGuard VPN module **WHMCS**

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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/

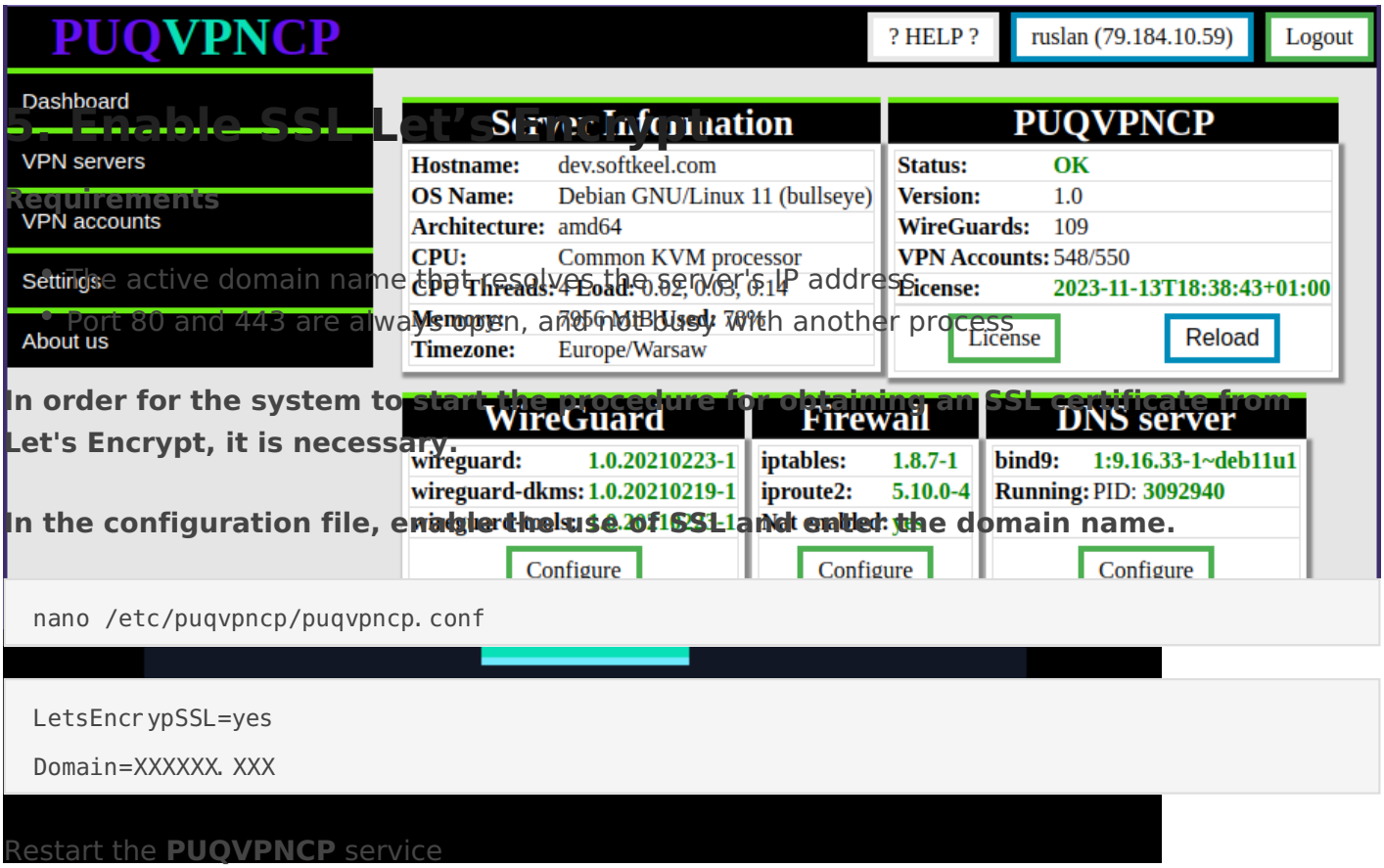
### 3. Install the puqvpncp package

```
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




## 5. Enable SSL Let's Encrypt

Requirements

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

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

```
nano /etc/puqvpncp/puqvpncp.conf
```

```
LetsEncrypSSL=yes
Domain=XXXXXX.XXX
```

Restart the **PUQVPNCP** service

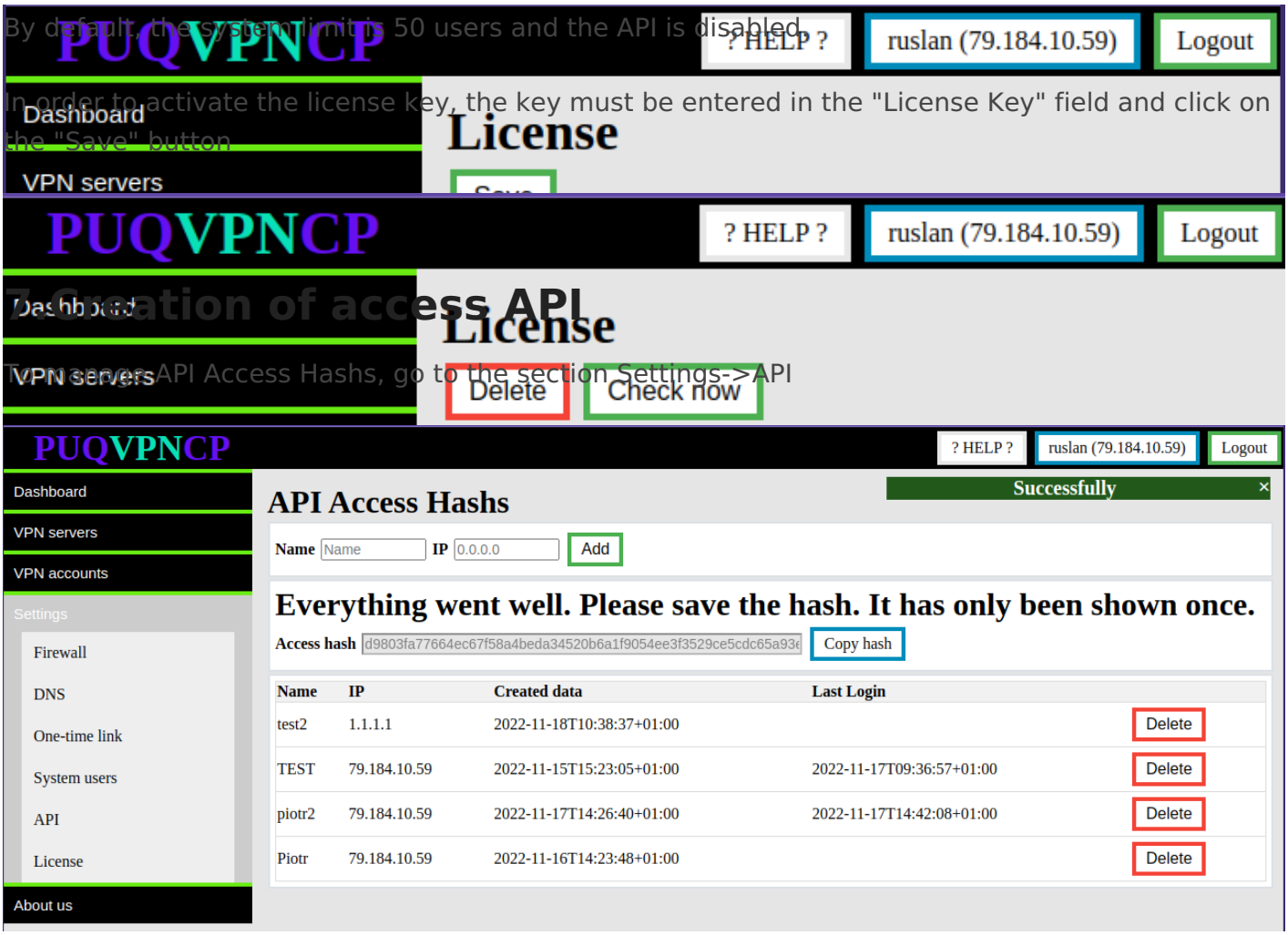
```
service puqvpncp restart
```

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**



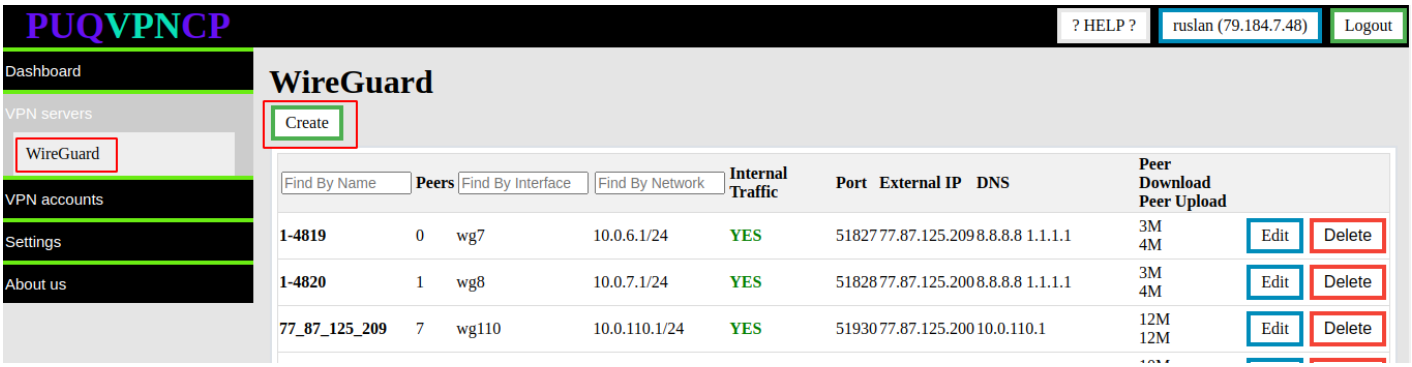

**Enter the name and IP address of the WHMCS server and click the ADD button**

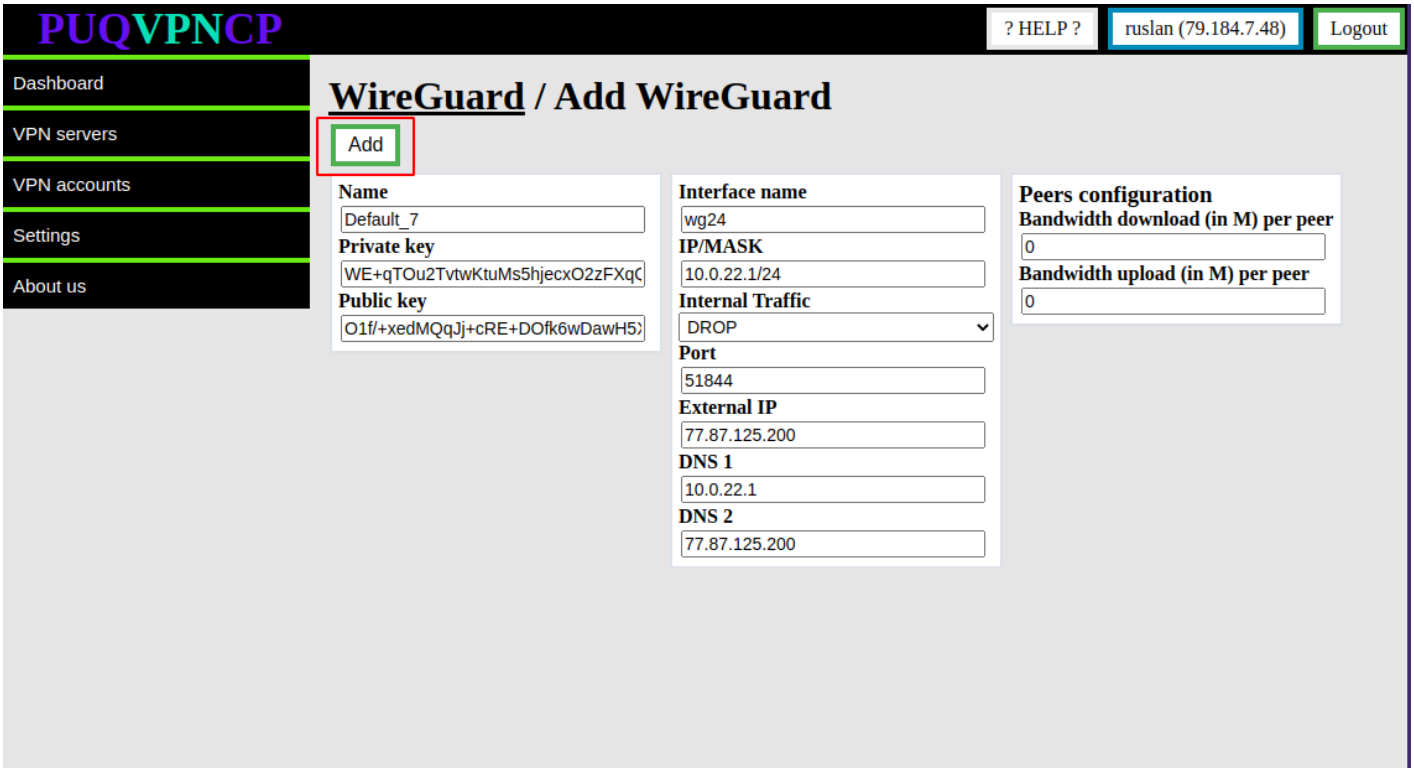
> **Attention.**
> **The generated Access hash will only be shown once. Copy it, it will be needed during configuration of the product server in the WHMCS system.**

> 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**




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

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