

PUQVPNCP installation and configuration

WireGuard Business-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_1.6.1_amd64.deb
dpkg -i puqvpncp_1.6.1_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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Requirements

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? 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: 1.0.20210223-1

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

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**

By default, the system limit is 50 users and the API is disabled.

PUQVPNCP

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Save

PUQVPNCP

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API Access Hashs

API Access Hashs, go to the section Settings->API

Delete

Check now

PUQVPNCP

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API Access Hashs

Successfully

Name IP 0.0.0.0

Add

Everything went well. Please save the hash. It has only been shown once.

Access hash d9803fa77664ec67f58a4beda34520b6a1f9054ee3f3529ce5cdc65a93d

Copy hash

Name	IP	Created data	Last Login	
test2	1.1.1.1	2022-11-18T10:38:37+01:00		<div>Delete</div>
TEST	79.184.10.59	2022-11-15T15:23:05+01:00	2022-11-17T09:36:57+01:00	<div>Delete</div>
piotr2	79.184.10.59	2022-11-17T14:26:40+01:00	2022-11-17T14:42:08+01:00	<div>Delete</div>
Piotr	79.184.10.59	2022-11-16T14:23:48+01:00		<div>Delete</div>

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.

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