

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

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

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.

The screenshot displays the PUQVPNCP web interface. At the top, a navigation bar includes the site name 'PUQVPNCP', a '? HELP ?' button, a user profile 'ruslan (79.184.10.59)', and a 'Logout' button. The left sidebar contains links to 'Dashboard', 'VPN servers', 'VPN accounts', 'Settings', and 'About us'. The 'Settings' section is expanded, showing 'Firewall', 'DNS', 'One-time link', 'System users', 'API', and 'License'. The main content area is titled 'API Access Hashs' and features a green success message: 'Everything went well. Please save the hash. It has only been shown once.' Below this, an 'Access hash' field displays a long alphanumeric string with a 'Copy hash' button. A table lists existing API access hashes with columns for Name, IP, Created data, Last Login, and a 'Delete' button for each row.

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

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

PUQVPNCP

? HELP ?

ruslan (79.184.7.48)

Logout

Dashboard

VPN servers

WireGuard

VPN accounts

Settings

About us

WireGuard

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

PUQVPNCP

? HELP ?

ruslan (79.184.7.48)

Logout

Dashboard

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Settings

About us

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

Revision #3

Created 20 November 2023 12:31:06 by Ruslan

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