

# WireGuard VPN WHMCS module

- [Description](#)
- [Changelog](#)
- [Installation and configuration guide](#)
  - [WHMCS setup\(install/update\)](#)
  - [PUQVPNCP installation and configuration](#)
  - [Add server \(PUQVPNCP\) in WHMCS](#)
  - [Product Configuration](#)
  - [Localization change Configuration](#)
  - [Email Template \(puqWireGuard Custom welcome email template\)](#)
  - [Email Template \(puqWireGuard Custom change package Email template\)](#)
  - [Important Information About Generating a Unique Open Link for QR Code Delivery in an Email Template](#)
- [Client Area](#)
  - [Home screen](#)
  - [Traffic statistics](#)
- [Admin Area](#)
  - [Product Home Screen](#)

# Description

## WireGuard VPN module **WHMCS**

[Order now](#) | [Download](#) | [FAQ](#)

The WireGuard VPN module provides the ability to sell the Virtual Private Network service to customers.

### Attention.

The module require the PUQVPNCP control panel with active license.

[PUQVPNCP Documentation](#)

[PUQVPNCP Download](#)

[PUQVPNCP Order now](#)

### Module Functions:

- Auto create and deploy VPN account/accounts
- Suspend/Unsuspend/Terminate/Change Package
- Module require active **PUQVPNCP** API (need separate license)
- Possibility to set Bandwidth speed limits
- Module supports multilingualism (**Arabic, Azerbaijani, Catalan, Chinese, Croatian, Czech, Danish, Dutch, English, Estonian, Farsi, French, German, Hebrew, Hungarian, Italian, Macedonian, Norwegian, Polish, Romanian, Russian, Spanish, Swedish, Turkish, Ukrainian**)
- Link to instructions for setting up the service in the client area.

### Available options in the admin panel:

- Create users

- Suspend users
- Terminate users
- Unsuspend users
- Change Package
- VPN connection status

Available options in the client panel:

- VPN connection status

WHMCS minimal version: 8 +

PUQVPNCP: 1.1 +

<ul style="list-style-type: none"><li>★ Overview ^</li><li>Information</li><li>Traffic statistics</li><li>Actions ^</li><li>Change Password</li><li>Request Cancellation</li></ul>	 <p>dev.puqvpncp.com</p>	<p><b>Registration Date</b> Wednesday, June 19th, 2024</p> <p><b>Recurring Amount</b> 0.23 EUR</p> <p><b>Billing Cycle</b> Monthly</p> <p><b>Next Due Date</b> Friday, July 19th, 2024</p>
--	--	--

# Changelog

## WireGuard VPN module **WHMCS**

[Order now](#) | [Download](#) | [FAQ](#)

### v2.0 Released 24-09-2024

**Module is coded ionCube v13**

Supported php version:

- php 7.4 WHMCS 8.11.0 -
- php 8.1 WHMCS 8.11.0 +
- php 8.2 WHMCS 8.11.0 +

---

### v1.5 Released 10-07-2024

1. User Interface Optimization
2. Changed the appearance of the navigation buttons on the home screen
3. Optimizing the home screen for mobile devices
4. Added inputs that contain login, wherever the login is present
5. Added a copy login button wherever the login is present
6. Added inputs that hide passwords wherever a password is present
7. Added a button that allows you to peek the password wherever the password is present
8. Added a copy password button wherever a password is present
9. Optimized

---

### v1.4.6 Released 21-06-2024

1. Added MetricsProvider dimensions
  2. Added dimensions for UsageUpdate
  3. Added a function to turn off the display of the One-Time Link for a package
  4. Display changes in the client area
  5. Optimization
-

## v1.4.5 Released 09-10-2023

1. Supported WHMCS v8.8.0
  2. Translations added/updated (**Arabic, Azerbaijani, Catalan, Chinese, Croatian, Czech, Danish, Dutch, English, Estonian, Farsi, French, German, Hebrew, Hungarian, Italian, Macedonian, Norwegian, Polish, Romanian, Russian, Spanish, Swedish, Turkish, Ukrainian**)
  3. Added additional error logging to Log when changing package to change localization
  4. Fixed some bugs
- 

## v1.4.2 Released 04-09-2023

1. Error handling when changing package to change localization
  2. Added additional logging to Activity Log
- 

## v1.4.1 Released 29-06-2023

1. Redesigned error handling
  2. Added additional logging to Activity Log
- 

## v1.4 Released 16-06-2023

1. Significantly revised the approach to transferring the QR code image in emails. Now, WHMCS generates a link to the image, and only the link to the image is included in the email itself
  2. Fixed some bugs
- 

## v1.3.6 Released 13-06-2023

1. Fixed a bug that occurred in the client area if the IKEv2 protocol was disabled
- 

## v1.3.5 Released 31-05-2023

1. Added the ability to change localization (updating the package and switching the server at the client's request)
  2. Added the ability to send QR codes and other important information via email when changing localization/package. This functionality is implemented as a custom email about localization/package change
  3. Fixed some bugs
-

## **v1.3 Released 19-05-2023**

1. Added a section in the client area that displays usage statistics by traffic
  2. Added necessary translation strings
- 

## **v1.2.1 Released 12-05-2023**

1. Fixed bug with time offset in the admin area
  2. Added traffic recalculation in a human-friendly form in the admin area
  3. Added the ability to send a QR code and other important information in the Welcome E-mail. Functionality implemented as a custom Welcome E-mail
- 

## **v1.2 Released 08-01-2023**

1. Fix bugs with languages
  2. Added ability to download profile for IKEv2
  3. Improved design in various themes
- 

## **v1.1 Released 05-01-2023**

1. Support WHMCS V8.6+
  2. Support IonCube PHP Loader v12
  3. Support for PHP 8.1
  4. Added support for IKEv2
- 

## **v1.0 Released 29-10-2022**

First version

# Installation and configuration guide

# WHMCS

## setup(install/update)

### WireGuard VPN module **WHMCS**

[Order now](#) | [Download](#) | [FAQ](#)

**Module is coded ionCube v13**

Supported php version:

- php 7.4 WHMCS 8.11.0 -
- php 8.1 WHMCS 8.11.0 +
- php 8.2 WHMCS 8.11.0 +

To install and update a module, you must perform one and the same action.

#### 1. Download the latest version of the module.

PHP 8.2

```
wget http://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-WireGuard-VPN/php82/PUQ_WHMCS-WireGuard-VPN-latest.zip
```

PHP 8.1

```
wget http://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-WireGuard-VPN/php81/PUQ_WHMCS-WireGuard-VPN-latest.zip
```

PHP 7.4

```
wget http://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-WireGuard-VPN/php74/PUQ_WHMCS-  
WireGuard-VPN-latest.zip
```

All versions are available: [https://download.puqcloud.com/WHMCS/servers/PUQ\\_WHMCS-WireGuard-VPN/](https://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-WireGuard-VPN/)

## 2. Unzip the archive with the module.

```
unzip PUQ_WHMCS-WireGuard-VPN-latest.zip
```

## 3. Copy and Replace "puqWireGuardVPN" from "PUQ\_WHMCS-WireGuard-VPN" to "WHMCS\_WEB\_DIR/modules/servers/"

# PUQVPNCP installation and configuration

WireGuard VPN module **WHMCS**

[Order now](#) | [Download](#) | [FAQ](#)

Official documentation:

[PUQVPNCP Documentation](#)

[PUQVPNCP Download](#)

[PUQVPNCP Order now](#)

## 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

The screenshot shows the PUQVPNCP web interface. At the top, there is a navigation bar with the logo 'PUQVPNCP', a help button '? HELP ?', a user profile 'ruslan (79.184.10.59)', and a 'Logout' button. The main content area is divided into several sections:

- Dashboard:** Contains links for 'VPN servers', 'Requirements', 'VPN accounts', 'Settings', and 'About us'.
- Server Information:** A table displaying system details:

Hostname:	dev.softkeel.com
OS Name:	Debian GNU/Linux 11 (bullseye)
Architecture:	amd64
CPU:	Common KVM processor
CPU Threads:	4
Load:	0.02, 0.03, 0.14
Memory:	7956 MB Used: 78%
Timezone:	Europe/Warsaw
- PUQVPNCP Status:** A table showing the service status:

Status:	OK
Version:	1.0
WireGuards:	109
VPN Accounts:	548/550
License:	2023-11-13T18:38:43+01:00

Buttons for 'License' and 'Reload' are present.
- WireGuard:** A table showing the version and configuration:

wireguard:	1.0.20210223-1
wireguard-dkms:	1.0.20210219-1

A 'Configure' button is located below.
- Firewall:** A table showing the version and configuration:

iptables:	1.8.7-1
iproute2:	5.10.0-4

A 'Configure' button is located below.
- DNS server:** A table showing the version and configuration:

bind9:	1:9.16.33-1~deb11u1
Running:	PID: 3092940

A 'Configure' button is located below.

```
nano /etc/puqvpnnp/puqvpnnp.conf
```

```
LetsEncrypSSL=yes
```

```
Domain=XXXXXX.XXX
```

Restart the **PUQVPNCP** service

```
service puqvpnnp 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 limits 50 users and the API is disabled.

In order to activate the license key, the key must be entered in the "License Key" field and click on the "Save" button

Creation of access API License

VPN servers API Access Hashes, go to the section Settings->API

Successfully

Name  IP

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

Access hash

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

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 Hashes 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 ? 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	<a href="#">Edit</a>	<a href="#">Delete</a>
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	<a href="#">Edit</a>	<a href="#">Delete</a>
77_87_125_209	7	wg110	10.0.110.1/24	YES	51930	77.87.125.200	10.0.110.1	12M	12M	<a href="#">Edit</a>	<a href="#">Delete</a>

PUQVPNCP ? HELP ? ruslan (79.184.7.48) Logout

Dashboard

VPN servers

VPN accounts

Settings

About us

## WireGuard / Add WireGuard

[Add](#)

**Name**

**Private key**

**Public key**

**Interface name**

**IP/MASK**

**Internal Traffic**

**Port**

**External IP**

**DNS 1**

**DNS 2**

**Peers configuration**

Bandwidth download (in M) per peer

Bandwidth upload (in M) per peer

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

# Add server (PUQVPNCP) in WHMCS

## WireGuard VPN module **WHMCS**

[Order now](#) | [Download](#) | [FAQ](#)

Add a new server to the system WHMCS.

Login to Your WHMCS panel and create new server in WHMCS (*System Settings->Products/Services->Servers*)

System Settings->Servers->Add New Server

[Products/Services](#)

• [Configure the correct](#) **Name** and **Hostname**

[Product Addons](#)

**Name is just for Your convenience and You can put there anything You like ie:**

**Mygreat-PUQVPNCP routr**

[Domain Registrars](#)

**You can choose whatever hostname You want. Valid entries look similar to: vpn.mydomain.com, ourgreatvpn.mydomain.net. You can also dedicate whole domain ie: myVPNservices.com if You like. The important thing is to resolve the chosen IP address of the PUQVPNCP in DNS server for Your domain.**

## Servers

### Edit Server

Name	<input type="text" value="WireGuardVPNServer"/>
Hostname	<input type="text" value="test-puqvpncp.uuq.pl"/>
IP Address	<input type="text"/>
Assigned IP Addresses (One per line)	<input type="text"/>
Monthly Cost	<input type="text" value="0.00"/>
Datacenter/NOC	<input type="text"/>
Maximum No. of Accounts	<input type="text" value="200"/>
Server Status Address	<input type="text"/> To display this server on the server status page, enter the full path to the server status folder (required to be uploaded to each server you want to monitor) - eg. <a href="https://www.example.com/status/">https://www.example.com/status/</a>
Enable/Disable	<input type="checkbox"/> Check to disable this server

## Enter the correct data in the Access Hash field

- In the **Server Details** section, select the "**PUQ WireGuard VPN**" module and enter the correct API Access Hash.
- To check, click the "**Test connection**" button

If you save the correct login and password for PUQVPNCP in the server settings, then the Login to PUQ VPN Control Panel button will open for you without entering a login and password.

Server Details

Module	PUQ WireGuard VPN	<input type="button" value="Test Connection"/>
	✓ Connection successful. Some values have been auto-filled.	
Username	<input type="text"/>	
Password	<input type="text"/>	
Access Hash	<pre>73aed93685cae7325ad1b43a93c633ac1df6ba88326f7f578b0fb6516061c8 68cd03f0d7629d19eb</pre>	
Secure	<input checked="" type="checkbox"/> Check to use SSL Mode for Connections	
Port	<input type="text" value="443"/>	<input type="checkbox"/> Override with Custom Port

# Product Configuration

## WireGuard VPN module **WHMCS**

[Order now](#) | [Download](#) | [FAQ](#)

### Add new product to WHMCS

System Settings->Products/Services->Create a New Product

In the **Module settings** section, select the **"PUQ WireGuard VPN"** module

Edit Product

Details Pricing **Module Settings** Custom Fields Configurable Options Upgrades Free Domain Cross-sells Other Links

Module Name: PUQ WireGuard VPN  
Server Group: dev.puqvpncp.com

License key: [REDACTED]  
success: 2025-02-15T14:34:59+01:00

Link settings

Link to instruction:   
A link to the instruction will be reflected in the client area.

Link to VPN clients:   
A link to the VPN clients will be reflected in the client area.

Disable One-time link  
A One-time link to the VPN clients will be disabled in the client area.

E-mail configuration

Custom Welcome Email:   
Custom Change localization Email:

VPN Server: Default  
Please select your server from the list. The list is loaded inconsistently from the server, you may need to log in to the panel to make changes.

VPN users settings

Bandwidth Download:  Mbit  
Bandwidth Upload:  Mbit

Metric Billing

Bandwidth Usage In (GB)  ON [Configure Pricing](#)

Bandwidth Usage Out (GB)  ON [Configure Pricing](#)

Automatically setup the product as soon as an order is placed  
 Automatically setup the product as soon as the first payment is received  
 Automatically setup the product when you manually accept a pending order  
 Do not automatically setup this product

[Save Changes](#) [Cancel Changes](#)

- **License key:** A pre-purchased license key for the **"PUQ WireGuard VPN"** module. For the module to work correctly, the key must be active

### VPN Server

- Please select your server from the list. The list is loaded inconsistently from the server **PUQVPNCP**, you may need to log in to the panel to make changes.

## Link settings

- **Link to instruction** - If you have prepared instructions for your customers on how to use the service, then a link to the instructions is provided here (If filled, it will be shown in the client area)
- **Link to VPN clients** - Link to download the VPN client. For example <https://www.wireguard.com/install/> (If filled, it will be shown in the client area)
- **Disable One-time link** - When this option is enabled, a one-time link to the VPN clients will be disabled in the client area, preventing the customer from using a single-use link for downloading the VPN clients.

## E-mail configuration

- **Custom Welcome Email** - Drop-down list of available e-mail templates for the action of creating a new client account. Please note that it is necessary to disable the standard welcome email in order to avoid double notification
- **Custom Change localization Email** - Drop-down list of available e-mail templates for the localization change action (package change) for the client account. Please note that you need to disable the standard package change email to avoid double notification.

## VPN users settings

- **Bandwidth Download** - Bandwidth Download of VPN accounts (**package change**)
- **Bandwidth Upload** - BandwidthUpload of VPN accounts (**package change**)

## Metric Billing

**Configure Pricing**

Bandwidth Usage In (GB)

Metric Type: Monthly

Metric Unit: Gigabytes

**Pricing**

Scheme:

Per Unit  Total Volume  Graduated

Quantity Included:

Price Per GB			
PLN	EUR	UAH	USD
<input type="text" value="17.00"/>	<input type="text" value="10.00"/>	<input type="text" value="150.00"/>	<input type="text" value="9.00"/>

**Configure Pricing**

Bandwidth Usage Out (GB)

Metric Type: Monthly

Metric Unit: Gigabytes

**Pricing**

Scheme:

Per Unit  Total Volume  Graduated

Quantity Included:

Price Per GB			
PLN	EUR	UAH	USD
<input type="text" value="18.00"/>	<input type="text" value="10.00"/>	<input type="text" value="150.00"/>	<input type="text" value="9.00"/>

- **Bandwidth Usage In (GB):**

- **Metric Type:** Monthly
- **Metric Unit:** Gigabytes (GB)
- **Pricing Scheme:**
  - **Per Unit:** Billing for each gigabyte of traffic.
  - **Total Volume:** Billing for the total volume of traffic.
  - **Graduated:** Billing on a graduated scale.
- **Quantity Included:** Allows you to set how many gigabytes are included in the plan.
- **Price Per GB:** Allows you to specify the cost per gigabyte of traffic in various currencies.

- **Bandwidth Usage Out (GB):**

- **Metric Type:** Monthly
- **Metric Unit:** Gigabytes (GB)
- **Pricing Scheme:**
  - **Per Unit:** Billing for each gigabyte of traffic.
  - **Total Volume:** Billing for the total volume of traffic.
  - **Graduated:** Billing on a graduated scale.
- **Quantity Included:** Allows you to set how many gigabytes are included in the plan.
- **Price Per GB:** Allows you to specify the cost per gigabyte of traffic in various currencies.

## Overages Billing

Overages Billing	<input checked="" type="checkbox"/> Check to Enable				
Soft Limits	Disk Usage	<input type="text" value="0"/>	MB	Bandwidth	<input type="text" value="1"/> GB
Overage Costs	Disk Usage	<input type="text" value="0.0000"/>	Bandwidth	<input type="text" value="10.0000"/>	(Price Per Unit Over Above)

- **Check to Enable:** Enables overage billing.
- **Soft Limits:**
  - **Disk Usage:** not use.
  - **Bandwidth:** Sets a soft limit for bandwidth usage (units: MB, GB, TB). For example, you can set a soft limit of 1 GB for bandwidth.
- **Overage Costs:**
  - **Disk Usage:** not use.
  - **Bandwidth:** Specifies the cost per unit over the soft limit for bandwidth usage.
  - **Price Per Unit Over Above:** Sets the pricing for overage units.

# Localization change Configuration

## WireGuard VPN module **WHMCS**

[Order now](#) | [Download](#) | [FAQ](#)

To ensure the functionality of changing localization, you need to make some settings. We will give an example of such a configuration with two independent installations where "(UA) PUQ WireGuard VPN" and "(PL) PUQ WireGuard VPN" are two different packages that have two independent groups of servers and have different locations. In our example, we simulate two localizations and the ability to change client packages, which allow changing localization, it is also worth noting that in our configuration example, many servers are used in each of the two groups, where the server is selected according to the least loaded one, which is necessary for correct load distribution between servers.

Attention! For the correct operation of this functionality, available servers are required. If the server is unavailable, changing the package when changing the locale will fail.

1. Add necessary services according to your requirements. ([How to add servers](#))

2. Add your servers to specific server groups.

PL 1	-	0/200 (0%)	Not Available	Login to PUQ VPN Control Panel	✓		
Add your servers for the first group:							
PL 2	-	1/8 (13%)	Not Available	Login to PUQ VPN Control Panel	✓		
Add your servers for the second group:							

Server groups look like this:

Note. Currently only the "Add to the least full server" scenario is implemented.

					✓		
					✓		

### 3. Select the appropriate server groups in the corresponding product.

Choose your servers group for the first product:

Choose your servers group for the second product:

Module Name: PUQ WireGuard VPN

Module Name: PUQ WireGuard VPN

Server Group: PUQ WireGuard VPN

Default

### 4. Select the appropriate package to update.

Choose your package update for the first product:

Edit Product

Details Pricing Module Settings Custom Fields Configurable Options **Upgrades** Free Domain Cross-sells Other Links

Packages Upgrades

PUQ WireGuard VPN - (PL) PUQ WireGuard VPN

Use Ctrl+Click to select multiple packages

Configurable Options  Check to allow Upgrading/Downgrading of configurable options

Upgrade Email: None

Choose your package update for the second product:

Edit Product

Details Pricing Module Settings Custom Fields Configurable Options **Upgrades** Free Domain Cross-sells Other Links

Packages Upgrades

PUQ WireGuard VPN - (UA) PUQ WireGuard VPN

Use Ctrl+Click to select multiple packages

Configurable Options  Check to allow Upgrading/Downgrading of configurable options

Upgrade Email: None

Note. Please note that in order to avoid double notification, notification by means of WHMCS is disabled, because a custom notification will be used.



# Email Template

## (puqWireGuard Custom welcome email template)

WireGuard VPN module **WHMCS**

[Order now](#) | [Download](#) | [FAQ](#)

Create an email template for customer notifications.

System Settings->Email Templates->Create New Email Template

- **Email Type:** Product/service

**Unique Name:** puqWireGuard Custom welcome email template

<b>Subject:</b> Create New Email Template
Welcome to Your New VPN Service - Connection Information Enclosed
<b>Email Type</b> Product/Service
<b>Body:</b> Dear {\$client_name},  Congratulations and welcome to your new VPN service! We are excited to have you on board, and we appreciate your trust in us to provide you with a secure, private, and fast online experience.  To get started, please find your VPN connection details below:  Username: {\$user}

Password: {\$password}

Server Hostname: {\$server\_hostname}

Available connection protocols: {\$protocol}

One-time link where you will find all comprehensive information:

{\$otl}

Here you will find all the information about the possibility of connecting to a VPN service. Attention! You can use this link only once, if you need to get the login data from the link again, use the client panel to generate a new link.

Android app download link: <https://play.google.com/store/apps/details?id=com.wireguard.android>

iPhone app download link: <https://apps.apple.com/us/app/wireguard/id1441195209>

To quickly connect after downloading the official WireGuard app for your device, scan the QR code below.

{\$qrcode\_small}

small size

{\$qrcode\_medium}

medium size

{\$qrcode\_large}

large size

{\$qrcode\_max}

max size

You can use these credentials to connect to our VPN service using your preferred VPN client or app. If you need assistance with setting up the connection or require a step-by-step guide, please visit our support page: [your-company-support-page-link].

For your convenience, we have also attached a detailed user manual to this email. The manual will provide you with comprehensive instructions on how to use our service and configure your VPN connection.

Please keep this email safe, as it contains sensitive information about your VPN account. We strongly advise you not to share your login credentials with anyone.

Once again, thank you for choosing our VPN service. We are committed to providing you with the best online experience, and we look forward to serving you.

{signature}

# Email Template (puqWireGuard Custom change package Email template)

WireGuard VPN module **WHMCS**

[Order now](#) | [Download](#) | [FAQ](#)

Create an email template for customer notifications.

System Settings->Email Templates->Create New Email Template

- **Email Type:** Product/service

**Unique Name:** puqWireGuard Custom change package Email template

### Create New Email Template ✕

**Subject:**

You have changed the location in your VPN service - connection information is attached

**Body:** Product/Service ▾

Dear {\$client\_name},

You received this email because your connection location has changed.

To continue, find your VPN connection information below.

Username: {\$user}  
Password: {\$password}  
Server Hostname: {\$server\_hostname}  
Available connection protocols: {\$protocol}

One-time link where you will find all comprehensive information:

{\$otl}

Here you will find all the information about the possibility of connecting to a VPN service. Attention! You can use this link only once, if you need to get the login data from the link again, use the client panel to generate a new link.

Android app download link: <https://play.google.com/store/apps/details?id=com.wireguard.android>

iPhone app download link: <https://apps.apple.com/us/app/wireguard/id1441195209>

To quickly connect after downloading the official WireGuard app for your device, scan the QR code below.

{\$qrcode\_small}

small size

{\$qrcode\_medium}

medium size

{\$qrcode\_large}

large size

{\$qrcode\_max}

max size

You can use these credentials to connect to our VPN service using your preferred VPN client or app. If you need assistance with setting up the connection or require a step-by-step guide, please visit our support page: [your-company-support-page-link].

For your convenience, we have also attached a detailed user manual to this email. The manual will provide you with comprehensive instructions on how to use our service and configure your VPN connection.

Please keep this email safe, as it contains sensitive information about your VPN account. We strongly advise you not to share your login credentials with anyone.

Once again, thank you for choosing our VPN service. We are committed to providing you with the best online experience, and we look forward to serving you.

{signature}

Subject: You have changed the location in your VPN service - connection information is attached

# Important Information About Generating a Unique Open Link for QR Code Delivery in an Email Template

WireGuard VPN module **WHMCS**

[Order now](#) | [Download](#) | [FAQ](#)

## Introduction

This process allows for the generation of unique open links for QR codes that can be incorporated into email templates in WHMCS. This is convenient for ensuring secure access to your user's configuration data.

## Security Mechanism

The security mechanism built into this process has multiple layers of protection that ensure the safety of the data. Details about the implementation of the protection are not disclosed to maintain maximum security.

## Activity Notifications

If there are attempts to unauthorized access to the QR code, the administrator will receive corresponding notifications in the WHMCS activity log. This ensures full control and visibility of any attempts to access the QR code.

**Important:** It's essential to react to these notifications in the activity log and take appropriate security measures.

## Notification Levels

- **High level of danger:** Notifications in the form of "Someone is trying to get a QR code, but the verification words are wrong. [additional data follows]". This indicates an attempt to access the QR code using incorrect verification parameters.
- **Low level of danger:** Notifications in the form of "It looks like someone is trying to get a QR code. [additional data follows]". This indicates an attempt to access, but without any attempt to use verification parameters.

## Reacting to Notifications

It's necessary to take appropriate security measures when receiving high-level danger notifications. Upon receiving low-level danger notifications, pay attention, but it's not critical. In any case, you will always be aware of attempts to access the QR code, and you will have the IP address of the device making such requests.

## Conclusion

Using this mechanism ensures the safety and control of access to a user's configuration data via QR code.

# Client Area

# Home screen

## WireGuard VPN module **WHMCS**

[Order now](#) | [Download](#) | [FAQ](#)

### Client Area Description

#### Manage

**• Network Configuration:**

- VPN Protocols:** Displays available VPN protocols such as WireGuard and IKEv2. The client will see the configuration for IKEv2 if available.
- Bandwidth download/upload:** Shows the bandwidth rate available for each VPN client account, which is set in the package.
- User manual:** Link to user manual or instructions for using the VPN service.
- Download VPN client:** Link to download the VPN client software.
- Create one-time link:** Button to generate a one-time link with connection parameters, useful for transferring connection settings to the end user.

**• WireGuard Configuration:**

- Download Config:** Button to download the WireGuard configuration file.
- QR code:** QR code containing the WireGuard configuration details.
- Configuration Details:** Displays detailed configuration settings such as address, DNS, private key, endpoint, public key, and allowed IPs.

**• IKEv2 Configuration:**

- Download CA Certificate:** Button to download the IKEv2 CA certificate.
- Download Profile:** Button to download the IKEv2 profile.
- Server Details:** Displays the server address and username.
- Password:** Displays the password for the IKEv2 configuration.

**Metrics**

**• Usage Metrics:**

- Bandwidth Usage In (GB):** Displays the current usage, pricing, and last update time for incoming bandwidth usage.
- Bandwidth Usage Out (GB):** Displays the current usage, pricing, and last update time for outgoing bandwidth usage.

Usage metrics and their pricing information are displayed below.

- **Example:**
  - **Current Usage:** GB (In), GB (Out)
  - **Pricing:** Price / GB (set in the package)
  - **Last Update:** Time of last data update

## Resource Usage

The screenshot shows a client panel interface with three tabs: 'Manage', 'Metrics', and 'Resource Usage'. The 'Resource Usage' tab is active, displaying a 'Bandwidth' section. The bandwidth usage is shown as 3111MB / 1024MB. The last update time is Saturday, June 22nd, 2024 (11:00). The interface also shows 'Disk Space' usage as 0MB / UnlimitedMB. A watermark 'Powered by WHMCompleteSolution' is visible at the bottom of the screenshot.

## Summary of the Client Panel Page

- **VPN Protocols:** Lists available VPN protocols like WireGuard and IKEv2.
- **Bandwidth download/upload:** Indicates the bandwidth rate assigned to each VPN client account, as set in the package.
- **User Manual and VPN Client Download:** Provides links to the user manual and VPN client download.
- **One-time Link Generation:** Allows the creation of a one-time link for sharing connection parameters.
- **WireGuard Configuration:** Shows configuration options for WireGuard, including downloading the config file and displaying QR code and detailed settings.
- **IKEv2 Configuration:** Shows configuration options for IKEv2, including downloading CA certificate and profile, and displaying server and login details.
- **Metrics Tab:** Displays detailed usage metrics for bandwidth usage, including current usage, pricing (e.g., 10.00 EUR / GB, set in the package), and last update time.
- **Resource Usage Tab:** Displays current usage of disk space and bandwidth with the bandwidth limit set in the package (e.g., 3111MB / 1024MB) and the last updated time.

# Traffic statistics

## WireGuard VPN module **WHMCS**

[Order now](#) | [Download](#) | [FAQ](#)

This page displays information about client traffic statistics

**Month:** In this field, you can select the month for which you want to view traffic data

**Year:** In this field, you can select the year for which you want to view traffic data

**Data type toggle:** In this field, you can turn on or off the display of days with no traffic

Graph and table that display data according to the selected parameters. You can also sort data by clicking on the corresponding headings in the table.



★ Overview ^

i Information

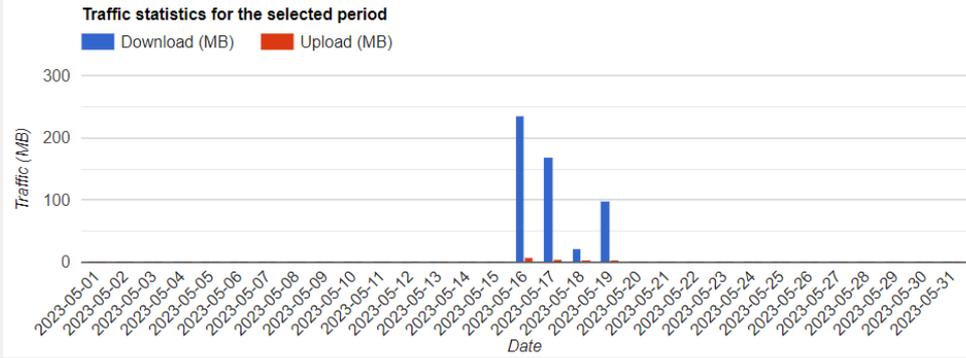
📊 Traffic statistics

🔧 Actions ^

Change Password

# Traffic statistics

Month:  Year:   Hide days with no traffic



Date ▾	Download	Upload
2023-05-01	0 bytes	0 bytes
2023-05-02	0 bytes	0 bytes
2023-05-03	0 bytes	0 bytes
2023-05-04	0 bytes	0 bytes
2023-05-05	0 bytes	0 bytes
2023-05-06	0 bytes	0 bytes
2023-05-07	0 bytes	0 bytes
2023-05-08	0 bytes	0 bytes
2023-05-09	0 bytes	0 bytes
2023-05-10	0 bytes	0 bytes
2023-05-11	0 bytes	0 bytes
2023-05-12	6.57 KB	0 bytes
2023-05-13	0 bytes	0 bytes
2023-05-14	0 bytes	0 bytes
2023-05-15	0 bytes	0 bytes
2023-05-16	234.63 MB	7.26 MB
2023-05-17	168.51 MB	4.91 MB
2023-05-18	21.42 MB	3.07 MB
2023-05-19	99.01 MB	3.40 MB
2023-05-20	0 bytes	0 bytes
2023-05-21	0 bytes	0 bytes
2023-05-22	0 bytes	0 bytes
2023-05-23	0 bytes	0 bytes
2023-05-24	0 bytes	0 bytes
2023-05-25	0 bytes	0 bytes

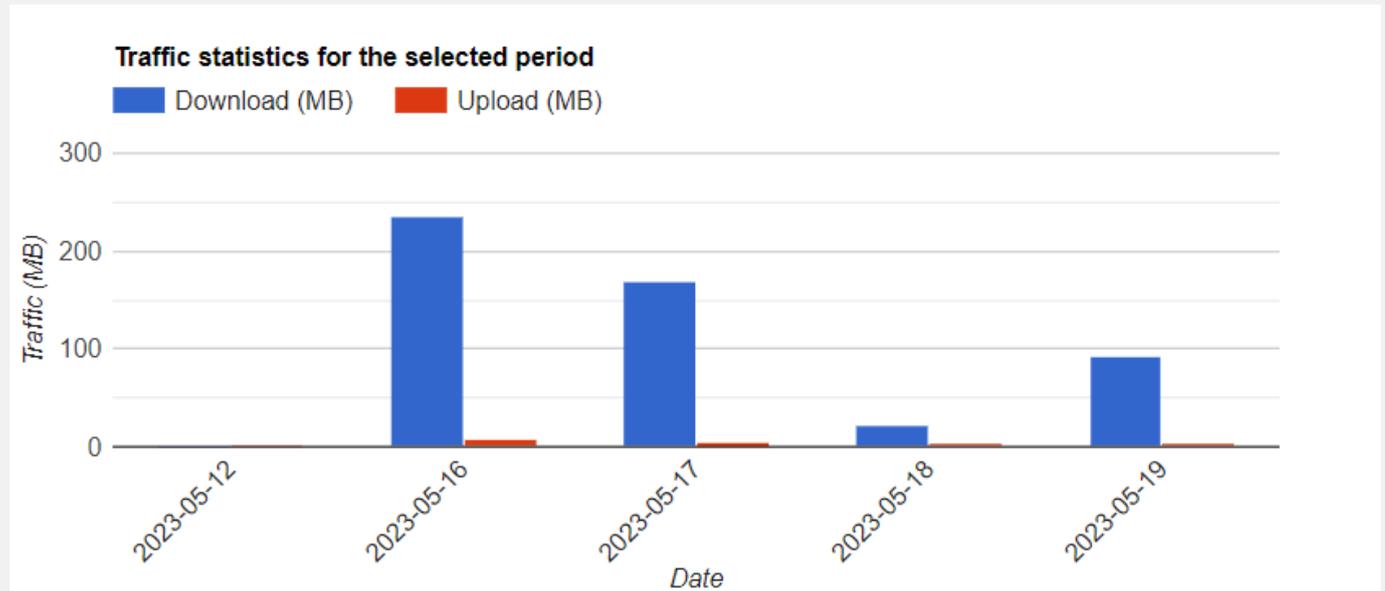
Displaying data with the option to hide nulls enabled looks like this:

# Traffic statistics

Month:

Year:

Show days with no traffic



Date ▼	Download	Upload
2023-05-12	6.57 KB	0 bytes
2023-05-16	234.63 MB	7.26 MB
2023-05-17	168.51 MB	4.91 MB
2023-05-18	21.42 MB	3.07 MB
2023-05-19	92.68 MB	3.27 MB

# Admin Area

# Product Home Screen

## WireGuard VPN module **WHMCS**

[Order now](#) | [Download](#) | [FAQ](#)

The main screen of the product contains the following items.

- Ability to generate a one-time link with the client's configuration.
- WireGuard peer dump
- Firewall Mangle Rules
- Traffic Control Rules
- List of VPN client accounts

PUQ WireGuard VPN Go + New Addon More ▾

---

Order # 239 - View Order

Product/Service	PUQ WireGuard VPN	Registration Date	25/11/2022
Server	WireGuardVPNServer (6/2)	Quantity	1
Domain		First Payment Amount	0.00
Dedicated IP	10.0.1.9	Recurring Amount	0.00 <small>Recalculate on Save</small>
Username	1-4832	Next Due Date	N/A
Password		Termination Date	
Status	Active	Billing Cycle	Free
		Payment Method	Bank Transfer
		Promotion Code	None

Module Commands: Create Suspend Unsuspend Terminate Change Package

API Connection status: API answer OK

OneTime Link: Show OneTime Link

Config	Name	Internal IP	Endpoint	Latest handshake	Transfer RX	Transfer TX
	1-4832	10.0.1.9/32	(none)	Newer	0	0

Firewall Mangle Rules

```
0.0.0.0/0 -> 10.0.1.9 MARK 0x6d Pkt:0 Bytes:0
10.0.1.9 -> 0.0.0.0/0 MARK 0x6d Pkt:0 Bytes:0
```

Traffic Control

```
eth0 --> class htb 1:109 root leaf 8058: prio 0 rate 100Mbit ceil 100Mbit burst 1600b cburst 1600b
Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
backlog 0b 0p requeues 0

wg1 --> class htb 1:109 root leaf 8059: prio 0 rate 100Mbit ceil 100Mbit burst 1600b cburst 1600b
Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
backlog 0b 0p requeues 0
```