

# VPN accounts

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# Create VPN account

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In this panel tab you can create new VPN accounts.

This activity can be simplified by using additional modules for WHMCS that automate the whole process. [More information here.](#)

## Create VPN account

To create a VPN account go to **VPN accounts** -> **Add VPN account**

The screenshot shows the PUQVPNCP web interface. The top navigation bar includes the logo, a 'HELP' button, a user profile 'ruslan (79.184.3.204)', and a 'Logout' button. The left sidebar contains a menu with 'Dashboard', 'VPN servers', 'VPN accounts', 'Settings', and 'About us'. Under 'VPN accounts', there are links for 'List of accounts', 'Add account' (highlighted with a red box), 'WireGuard online', and 'IKEv2 online'. The main content area is titled 'VPN accounts / Add VPN account' and features an 'Add' button. The form contains several fields: 'Name' (peer\_10), 'Status' (Enable), 'Username' (user\_104), 'Password' (9e4&@R5K\$C), and a 'Generate password' button. On the right, there are sections for 'Wireguard' (77\_87\_125\_209), 'IP' (10.0.110.13), 'Private key' (mFM6as+3v5HY1j6EnNFfCWBD2kddk), 'Public key' (gSNF3nnm8z2PCsF+vCOl1u9NaB3Hv), 'Bandwidth download (in M)' (0), and 'Bandwidth upload (in M)' (0).

The system will automatically fill the form with unique data. It is necessary to change them if there is a need for it.

- **Name** - Account name, required to link the account with the WireGuard and IKEv2 servers
- **Status** - Account status can be enabled or disabled
- **Username/Password** - Authorization data for protocols that require login and password authorization (IKEv2)
- **Wireguard** - The Wireguard interface to which the new account will be assigned
- **IP** - The IP address that will be allocated to the account and will be assigned when connecting by any protocol.

- **Private key/Public key** -Traffic encryption keys in the WireGuard protocol
- **Bandwidth download /Bandwidth upload** - If necessary, reassign the bandwidth of the account. Otherwise, a similar parameter of the WireGuard interface will be taken into account

After filling in all the fields, click the **Add** button

**PUQVPNCP**

? HELP ?
ruslan (79.184.3.204)
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## VPN accounts / Edit VPN account

Save
Delete
Create one-time link

**Name**  
peer\_10

**Wireguard**  
77\_87\_125\_209

**Private key**  
mFM6as+3v5HY1j6EnNfCWBD2kddQ

**Public key**  
gSNF3nm8z2PCsF+vCOI1u9NaB3H

**Username**  
user\_104

**Password**  
9e4&@R5K\$C

Generate password

**Status**  
Enable

**IP**  
10.0.110.13

**Bandwidth download (in M)**  
30

**Bandwidth upload (in M)**  
30

### IKEv2

Security Associations (1 up, 0 connecting):  
no match

### WireGuard

Endpoint	Allowed IPs	Latest handshake	Transfer RX	Transfer TX	Keepalive
(none)	10.0.110.13/32	never	0	0	5

### Firewall Mangle

```
0.0.0.0/0 -> 10.0.110.13 MARK 0xd5 Pkt:0 Bytes:0
10.0.110.13 -> 0.0.0.0/0 MARK 0xd5 Pkt:0 Bytes:0
```


### Traffic Control

```
ens18 --> class htb 1:213 root leaf c416: prio 0 rate 30Mbit ceil 30Mbit burst 1593b cburst 1593b
Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
backlog 0b 0p requeues 0

wg110 --> class htb 1:213 root leaf c417: prio 0 rate 30Mbit ceil 30Mbit burst 1593b cburst 1593b
Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)
backlog 0b 0p requeues 0
```

### Traffic 2022-12

Traffic Download	0 GiB
Traffic Upload	0 GiB



[Interface]  
Address = 10.0.110.13/24  
DNS = 10.0.110.1, 77.87.125.200  
PrivateKey = mFM6as+3v5HY1j6EnNfCWBD2kddQUq3UmXk/FaeTEo=

[Peer]  
AllowedIPs = 0.0.0.0/0  
PersistentKeepalive = 5  
Endpoint = 77.87.125.200:51930  
PublicKey = xbrwVHxNZ8UsjHQyyzFwm0Ey1UC+vvKQ0FG/cLo3h2w=

Download config

# Editing VPN account

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In this panel tab you can manage VPN accounts.

This activity can be simplified by using additional modules for WHMCS that automate the whole process. [More information here.](#)

## Edit an VPN account

To edit an account, go to **VPN accounts** -> **List accounts** and select the account you want to edit by pressing the **EDIT** button

PUQVPNCP

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Find By Name	Status	Find By Username	Find By IP	Download Upload	WireGuard	Mangle		
1-4820-dupa	Enable	user_1	10.0.7.66	3M 4M	1-4820	100	Edit	Delete
dimon_pc	Enable	user_219	10.0.110.5	30M 30M	77 87 125 209	324	Edit	Delete
dimon_telefon	Enable	dimon_telefon	10.0.110.7	30M 30M	77 87 125 209	110	Edit	Delete
dino_pc	Enable	user_433	10.0.110.6	30M 30M	77 87 125 209	538	Edit	Delete
dino_telefon	Enable	dino_telefon	10.0.110.8	30M 30M	77 87 125 209	209	Edit	Delete
galia_pc	Enable	user_11	10.0.110.11	30M 30M	77 87 125 209	211	Edit	Delete
peer_1	Enable	user_10	10.0.96.2	1M 1M	Default 97	109	Edit	Delete
peer_10	Enable	user_104	10.0.110.13	30M 30M	77 87 125 209	213	Edit	Delete
peer_100	Enable	user_101	10.0.100.14	33M 22M	Default 101	206	Edit	Delete
peer_101	Enable	user_102	10.0.110.9	30M 30M	77 87 125 209	207	Edit	Delete

PUQVPNCP

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Create one-time link

Name

peer\_10

Wireguard

77.87.125.209

Private key

mFM6as+3v5HY1j6EnNfCWBD2kddQ

Public key

gSNF3nm8z2PCsF+vCOI1u9NaB3H

Username

user\_104

Password

9e4&@R5K\$C

Generate password

Status

Enable

IP

10.0.110.13

Bandwidth download (in M)

30

Bandwidth upload (in M)

30

IKEv2

Security Associations (1 up, 0 connecting):

no match

WireGuard

Endpoint	Allowed IPs	Latest handshake	Transfer RX	Transfer TX	Keepalive
(none)	10.0.110.13/32	never	0	0	5

Firewall Mangle

0.0.0.0/0 -> 10.0.110.13 MARK 0xd5 Pkt:0 Bytes:0

10.0.110.13 -> 0.0.0.0/0 MARK 0xd5 Pkt:0 Bytes:0

Traffic Control

ens18 --> class htb 1:213 root leaf c416: prio 0 rate 30Mbit ceil 30Mbit burst 1593b cburst 1593b

Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)

backlog 0b 0p requeues 0

wg110 --> class htb 1:213 root leaf c417: prio 0 rate 30Mbit ceil 30Mbit burst 1593b cburst 1593b

Sent 0 bytes 0 pkt (dropped 0, overlimits 0 requeues 0)

backlog 0b 0p requeues 0

Traffic 2022-12

Traffic Download	0 GiB
Traffic Upload	0 GiB

[Interface]

Address = 10.0.110.13/24

DNS = 10.0.110.1, 77.87.125.200

PrivateKey = mFM6as+3v5HY1j6EnNfCWBD2kddQ3UmXk/FaeTEo=

[Peer]

AllowedIPs = 0.0.0.0/0

PersistentKeepalive = 5

Endpoint = 77.87.125.200:51930

PublicKey = xbrwVHxNZ8UsjHQyyzFwm0Ey1UC+vvKQ0FG/cLoJhZw=

Download config

It is possible to edit the following parameters

- **Password** - User password for connecting through protocols that require login and password authorization
- **Status** - To enable or disable an account
- **IP** - The IP address that will be allocated to the account and will be assigned when connecting by any protocol (If you change this setting, you must reconfigure the client with the new configuration in the WireGuard protocol)
- **Bandwidth download/Bandwidth upload** - Account bandwidth

After all the data has been entered, click the **Save** button.

Each time the **Save** button is pressed, the client settings will be reconfigured and the connection to the client will be terminated.

# Diagnostic Information

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Information about VPN account diagnostics is available in the menu item **VPN accounts -> List accounts.**

Select the VPN account for which you want to display diagnostic information by clicking the **EDIT** button

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ruslan (79.184.3.204)

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Find By Username

Find By IP

Download  
Upload

WireGuard

Mangle

ruslan_dom_pc	Enable	user_217	10.0.110.4	30M 29M	77 87 125 209	322	Edit	Delete
ruslan_pc	Enable	user_181	10.0.110.3	30M 30M	77 87 125 209	286	Edit	Delete
ruslan_telefon	Enable	user_32	10.0.110.17	10M 10M	77 87 125 209	131	Edit	Delete
ruslan_windows	Enable	test_windows	10.0.110.10	30M 30M	77 87 125 209	210	Edit	Delete

PUQVPNCP

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Create one-time link

Name

ruslan\_telefon

Wireguard

77.87.125.209

Private key

MEZAzrlpzqNJCT8k9JWLkBL2+TPe/L

Public key

GA2IQFgC+SVYwoletUNQPSR1yiet4

Username

user\_32

Password

4zU5D8TTMjt

Generate password

Status

Enable

IP

10.0.110.17

Bandwidth download (in M)

10

Bandwidth upload (in M)

10

IKEv2

Security Associations (1 up, 0 connecting):

ikev2-ruslan\_telefon[5596]: ESTABLISHED 82 minutes ago, 77.87.125.200[dev.softkeel.com]...79.184.3.204[user\_32]

ikev2-ruslan\_telefon{9}: INSTALLED, TUNNEL, reqid 2, ESP in UDP SPIs: ccff81f6\_i f9bcfbef\_o

ikev2-ruslan\_telefon{9}: 0.0.0.0/0 == 10.0.110.17/32

WireGuard

Endpoint	Allowed IPs	Latest handshake	Transfer RX	Transfer TX	Keepalive
(none)	10.0.110.17/32	never	0	0	5

Firewall Mangle

0.0.0.0/0 -> 10.0.110.17 MARK 0x83 Pkt:0 Bytes:0

10.0.110.17 -> 0.0.0.0/0 MARK 0x83 Pkt:0 Bytes:0

Traffic Control

ens18 --> class htb 1:131 root leaf c34e: prio 0 rate 10Mbit ceil 10Mbit burst 1600b cburst 1600b

Sent 44201690 bytes 69734 pkt (dropped 12, overlimits 29971 requeues 0)

backlog 0b 0p requeues 0

wg110 --> class htb 1:131 root leaf c34f: prio 0 rate 10Mbit ceil 10Mbit burst 1600b cburst 1600b

Sent 62713 bytes 318 pkt (dropped 0, overlimits 0 requeues 0)

backlog 0b 0p requeues 0

Traffic 2022-12

Traffic Download	3.675 GiB
Traffic Upload	0.948 GiB

[Interface]

Address = 10.0.110.17/24

DNS = 10.0.110.1,77.87.125.200

PrivateKey = MEZAzrlpzqNJCT8k9JWLkBL2+TPe/LZQp3RAWEqffko=

[Peer]

AllowedIPs = 0.0.0.0/0

PersistentKeepalive = 5

Endpoint = 77.87.125.200:51930

PublicKey = xbrwVHxNZ8UsjHQyyzFwm0Ey1UC+vvK08FG/cLoJh2w=

Download config

## IKEv2 section

Actual data from the system about the connection in the **IKEv2** protocol

## WireGuard

Actual data from the system about the connection in the **WireGuard** protocol

## Firewall Mangle

The actual data is taken from the system firewall, these are rules that mark traffic from the client and to the client for bandwidth limitation purposes and to collect traffic statistics, with statistics on packet counters and traffic passing through these rules.

While the system is reading the brush value, the counter is reset to zero.

## Traffic control

The actual data is taken from the system with the Traffic Control configuration, it shows that the interfaces are involved in traffic filtering in order to limit the rate for clients of this interface.

## Traffic

Actual traffic usage in the current month

There is also a section with the configuration of the **WireGuard** client in the form of a QR code and in text form



# WireGuard online users list

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In order to see which VPN accounts are online in the **WireGuard** protocol, you need to go to the menu item **VPN accounts->WireGuard online**

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? HELP ?

ruslan (79.184.3.204)

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Find By Name	Status	Find By Username	Find By IP	Endpoint	Handshake	Transfer RX/TX	Download	WireGuard
dimon_telefon	Enable	dimon_telefon	10.0.110.7	46.211.82.141:10212	2022-12-14 13:18:36	19780/38828	30M 30M	77 87 125 209 Edit
peer_3	Enable	user_3	10.0.108.6	79.184.3.204:43596	2022-12-14 13:17:48	148/220	40M 50M	Default 109 Edit
ruslan_pc	Enable	user_181	10.0.110.3	79.184.3.204:44832	2022-12-14 13:18:33	7508/10764	30M 30M	77 87 125 209 Edit
ruslan_telefon	Enable	user_32	10.0.110.17	79.184.3.204:46740	2022-12-14 13:18:33	19588/76972	10M 10M	77 87 125 209 Edit

# IKEv2 online users list

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In order to see which VPN accounts are online in the **IKEv2** protocol, you need to go to the menu item **VPN accounts->IKE\_v2 online**

PUQVPNCP

? HELP ?

ruslan (10.0.110.3)

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Find By Name

Status

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Find By IP

			Endpoint	Uptime	Download	Upload	WireGuard		
dimon_telefon	Enable	dimon_telefon	10.0.110.7	79.184.3.204	1 second ago	30M	30M	77 87 125 209	<div>Edit</div> <div>Drop connection</div>
ruslan_pc	Enable	user_181	10.0.110.3	79.184.3.204	8 seconds ago	30M	30M	77 87 125 209	<div>Edit</div> <div>Drop connection</div>
ruslan_telefon	Enable	user_32	10.0.110.17	79.184.3.204	15 seconds ago	10M	10M	77 87 125 209	<div>Edit</div> <div>Drop connection</div>