Image not found or type unknown

Product Configuration

Mikrotik VPN module **WHMCS**

Order now | Download | Community

Add new product to WHMCS

Navigate to **System Settings → Products/Services → Create a New Product**

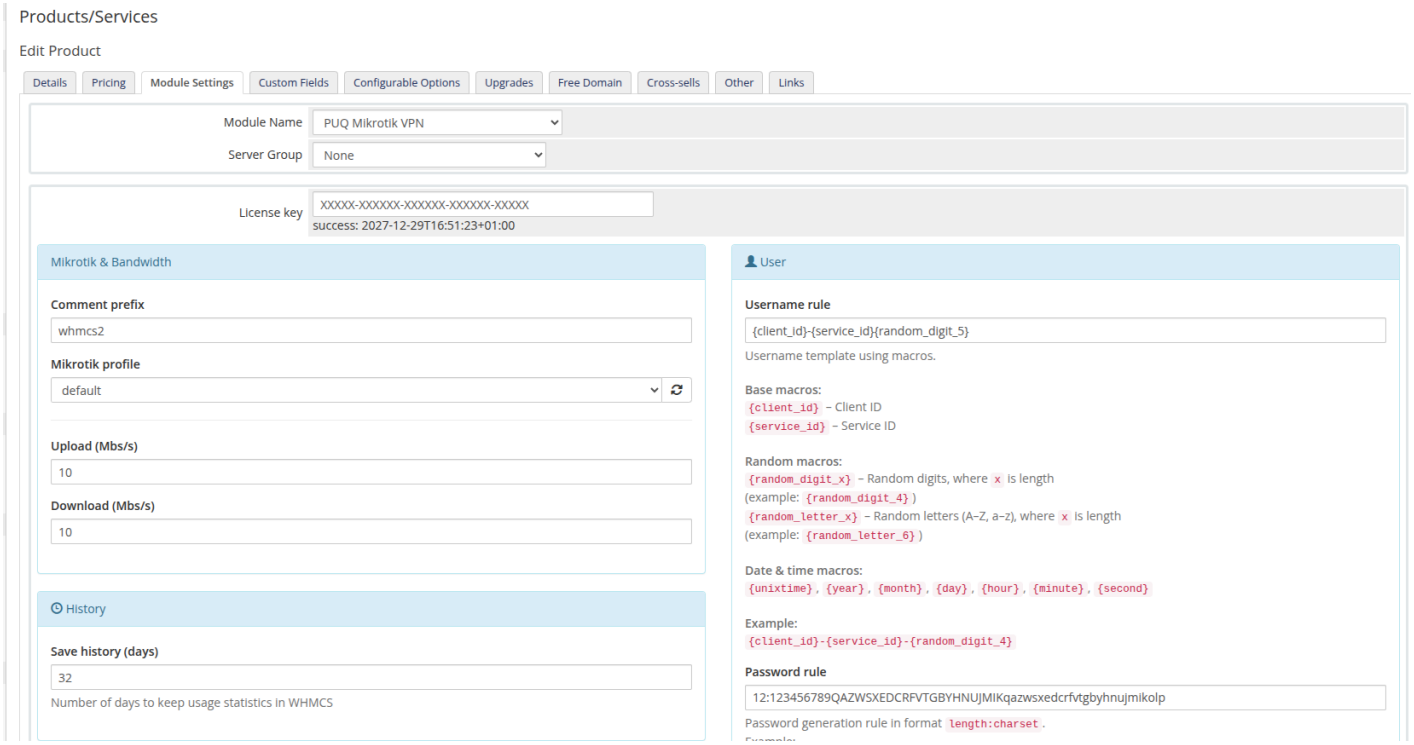
Select the **PUQ Mikrotik VPN** module in the Module settings section.

Configuration parameters

The module settings are divided into several logical blocks.

1. Mikrotik & Bandwidth

Parameter	Description
Comment prefix	Prefix applied to the VPN user comments on the Mikrotik router (e.g. `whmcs2`). Helps identify which PPP secrets belong to WHMCS-managed accounts.
Mikrotik profile	PPP secret profile on the Mikrotik router. The dropdown is populated with the profiles configured on the selected server.
Upload (Mbs/s)	Upload speed limit applied to the VPN account.
Download (Mbs/s)	Download speed limit applied to the VPN account.



product-configuration-overview.png

2. User Credentials Generation

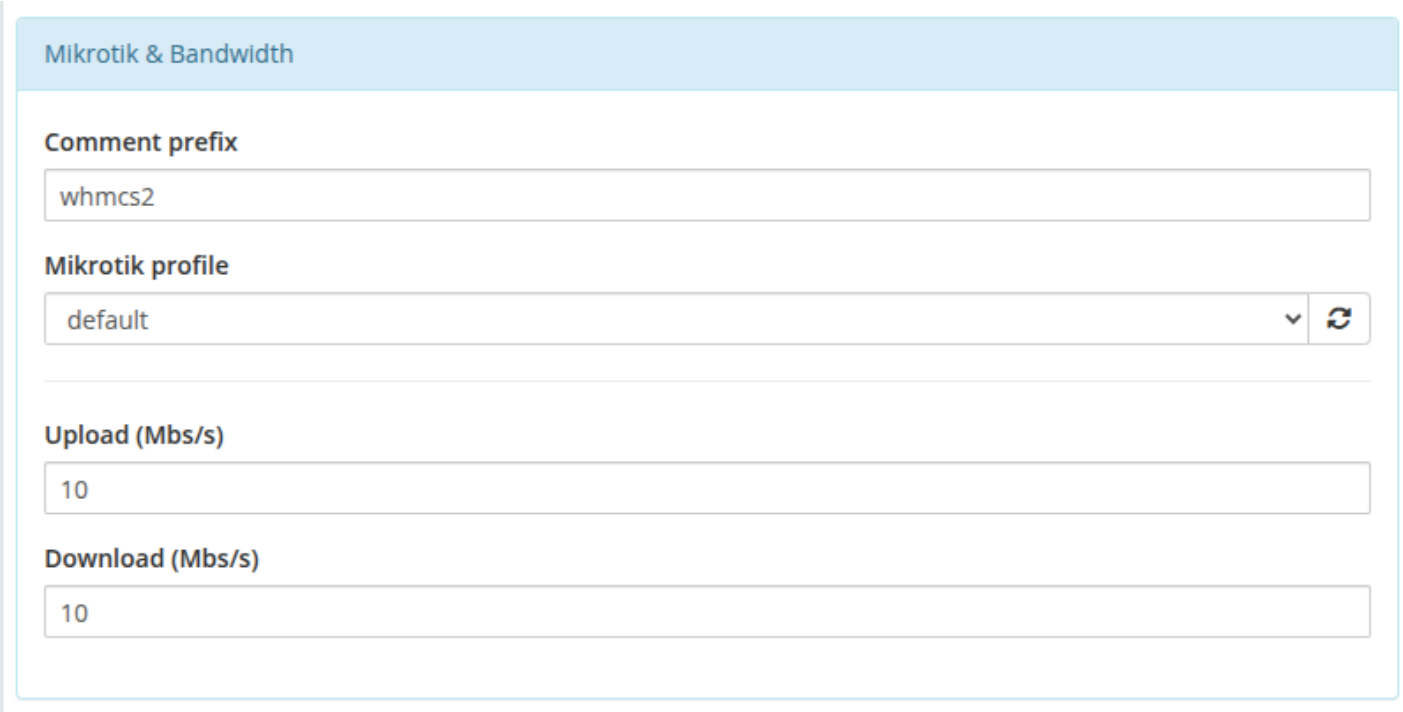
Parameter	Description
Username rule	Template for generating unique VPN usernames. You can use macros like `{client_id}`, `{service_id}`, `{random_digit_5}`, `{year}`, etc.
Password rule	Defines the format for auto-generating VPN passwords. Format: `length:charset` (e.g. `12:123456789QAZWSXEDCRFVTGBYHNUJMIKqazwsxedcrfvtgbyhnujmikol`).

3. History

Parameter	Description
Save history (days)	Number of days to keep daily usage statistics in the WHMCS database.

4. Client Area Settings

Parameter	Description
Link to instruction	A URL to a setup manual. This link will be displayed as a button in the client area.
Show password	Defines how the password is displayed in the client area (e.g., as a toggleable button).



product-configuration-client-area.png

---

5. VPN Protocols (PPTP, L2TP, OpenVPN, SSTP)

You can selectively enable and configure which VPN protocols are available to the client.

Parameter	Description
Enable [Protocol]	Toggles the display of connection details for the specific protocol in the client area.
Custom HTML	Allows injecting custom HTML instructions specifically for this protocol block in the client area.
L2TP IPSEC PSK KEY	*(L2TP only)* The pre-shared key for IPSec.
Profile download URL	*(OpenVPN only)* A direct link to download the `.ovpn` configuration profile.

User

Username rule

{client_id}-{service_id}{random_digit_5}

Username template using macros.

Base macros:
`{client_id}` – Client ID
`{service_id}` – Service ID

Random macros:
`{random_digit_x}` – Random digits, where `x` is length
(example: `{random_digit_4}`)
`{random_letter_x}` – Random letters (A–Z, a–z), where `x` is length
(example: `{random_letter_6}`)

Date & time macros:
`{unixtime}`, `{year}`, `{month}`, `{day}`, `{hour}`, `{minute}`, `{second}`

Example:
`{client_id}-{service_id}-{random_digit_4}`

Password rule

12:123456789QAZWSXEDCRFVTGBYHNUJMIKqazwsxedcrfvtgbyhnujmikolp

Password generation rule in format `length:charset`.
Example:
`12:1234567890`
This will generate a 12-character password using the provided characters.

product-configuration-pptp.png

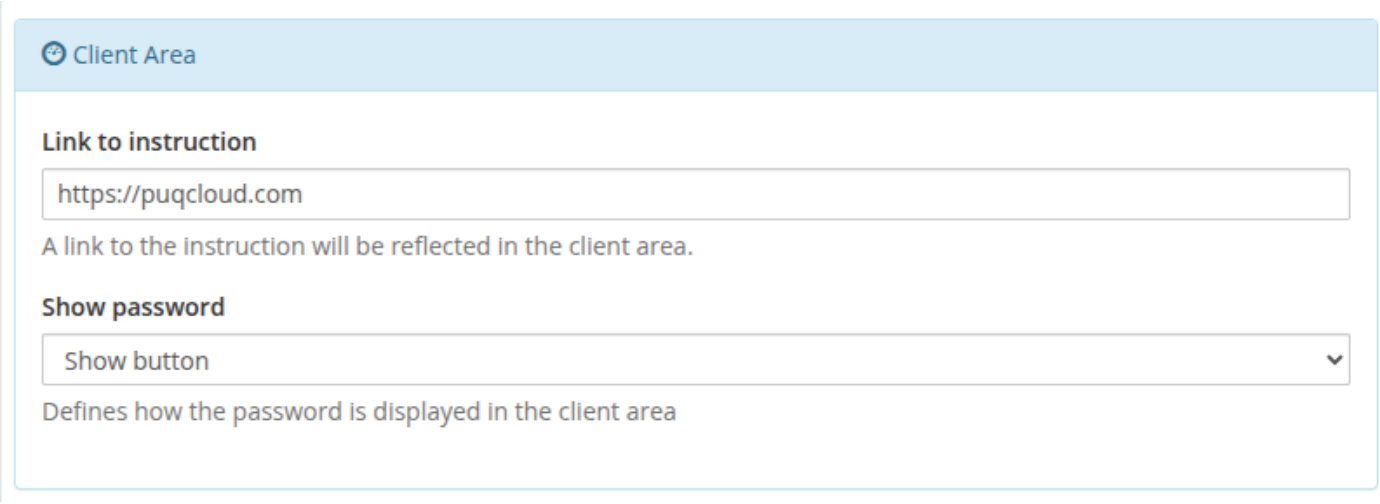
History

Save history (days)

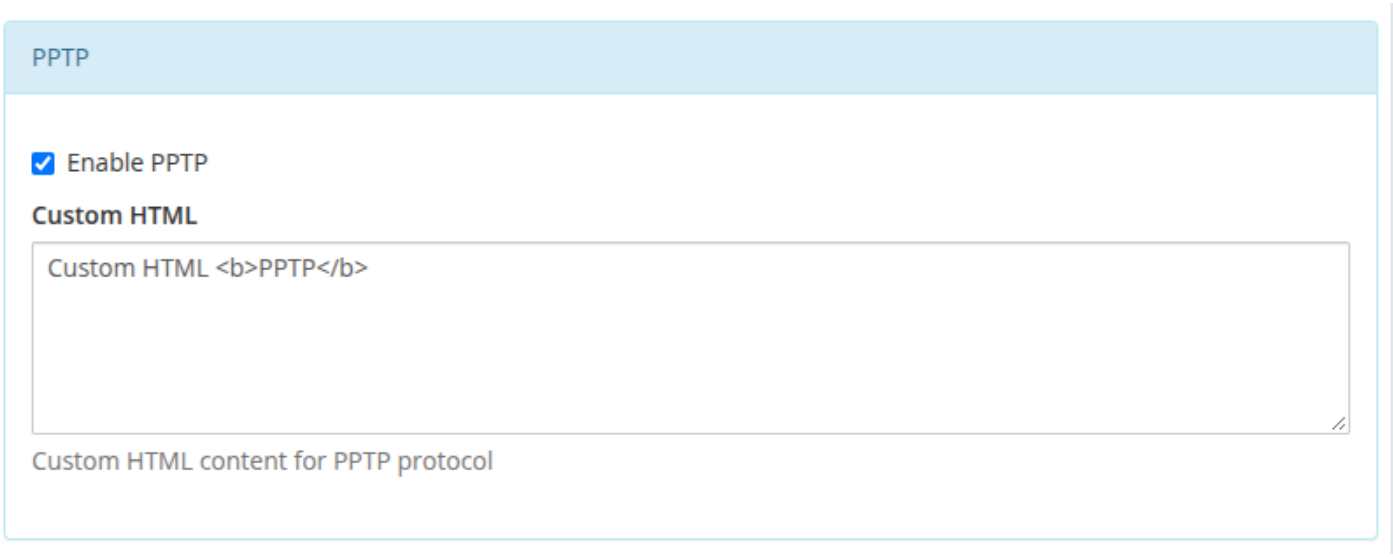
32

Number of days to keep usage statistics in WHMCS

product-configuration-l2tp.png



product-configuration-openvpn.png



product-configuration-sstp.png

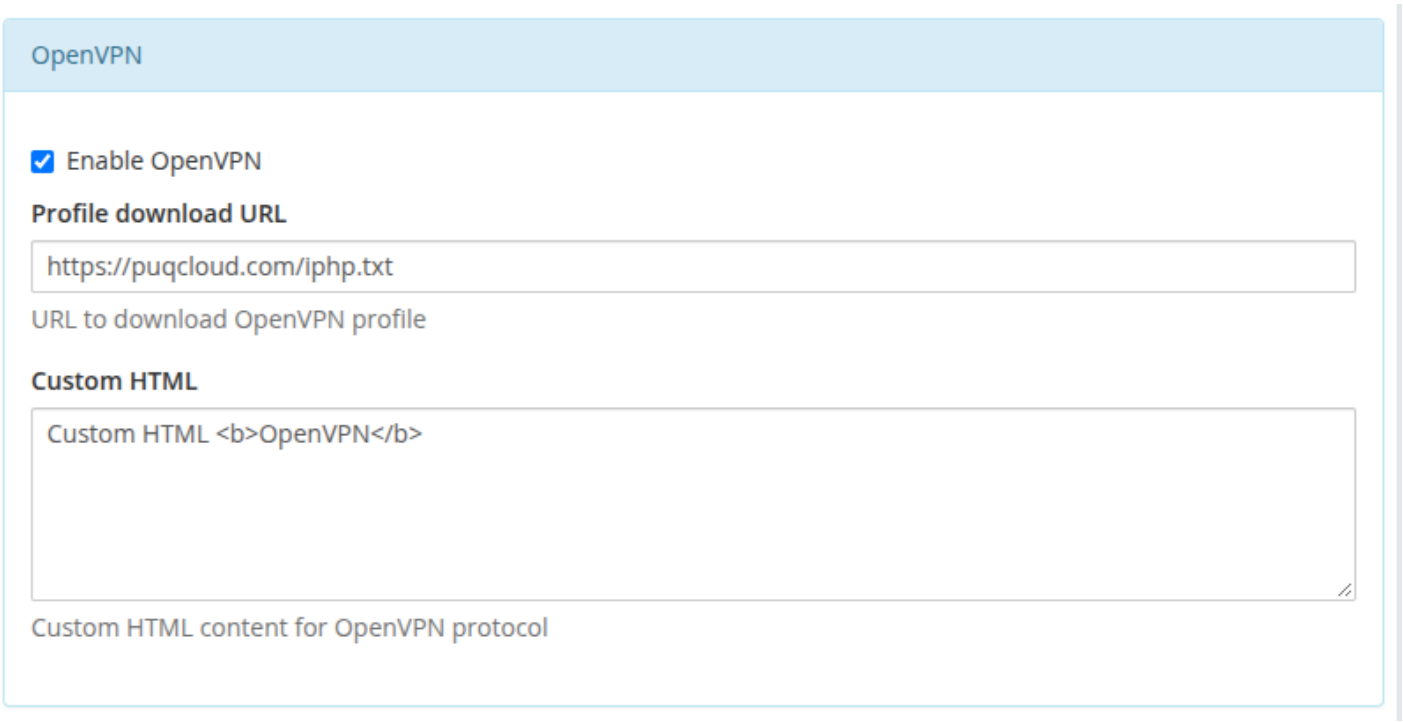
Metric Billing Configuration

The PUQ Mikrotik VPN module supports WHMCS **Metric Billing**, allowing you to charge clients post-paid based on their actual traffic usage.

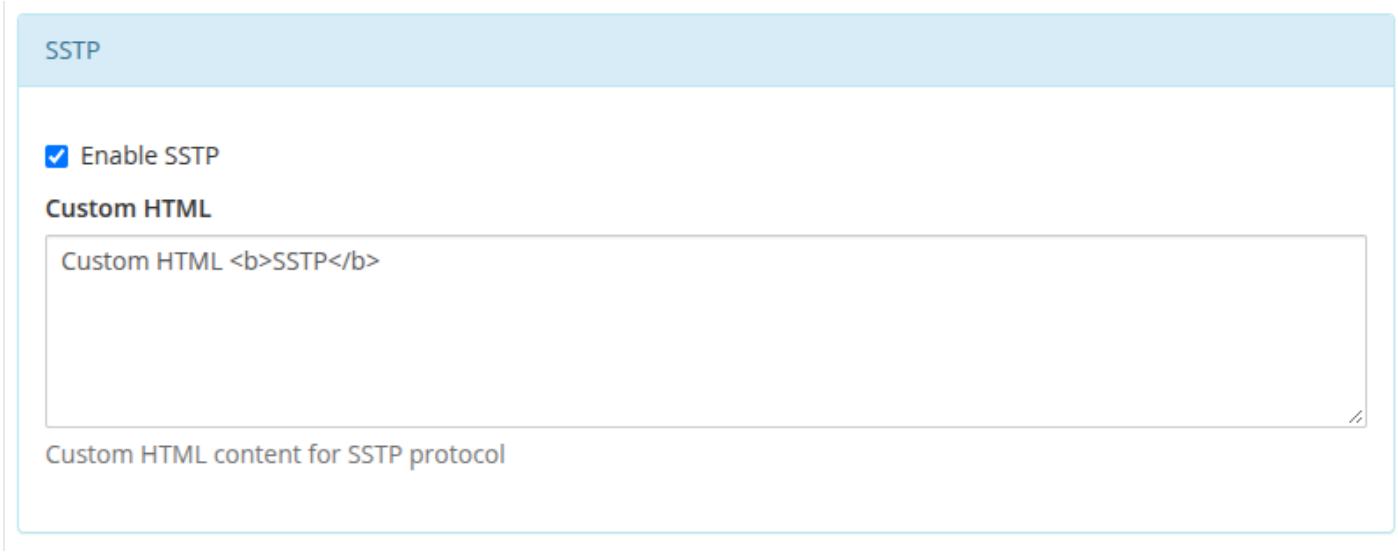
1. Navigate to the **Metric Billing** section in your product settings.
2. Toggle the switches to **ON** for **Bandwidth Usage Download (GB)** and **Bandwidth Usage Upload (GB)**.
3. Click **Configure Pricing** to set your rates per GB across your supported currencies.



product-configuration-metric-billing.png



metric-billing-download.png



metric-billing-upload.png

> **Important Note on Mikrotik Bandwidth:** The module intentionally registers opposite upload/download values on the Mikrotik router compared to WHMCS, because Mikrotik measures incoming traffic while VPN clients experience outgoing traffic.

Revision #9
Created 20 April 2026 06:38:56 by Ruslan
Updated 30 September 2026 20:53:21 by Ruslan