# Description

## Hetzner Datacenter module **WHMCS**

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The module, fully installed and correctly implemented in the system, offers the following functionalities.

Module Functions:

- Auto create and deploy cloud servers
- Suspend / Unsuspend / Terminate / Change Package / Change Password
- Backup and snapshot management; reinstall from snapshot/backup
- ISO mount & installation (if enabled)
- SSH key management
- Custom email notifications
- Multilingual support (English, Ukrainian, Polish, etc.)
- Client area controls for server lifecycle, console access and metrics
- **Automatic Pricing & Rounding:** bulk price generation by currencies & billing periods, Net/Gross base, percentage margin, live preview table, ISO-4217 round-up policy, unified UI/server logic
- **Daily Cron price sync:** uses saved bulk pricing config, Hetzner Cloud API currency, creates missing `tblpricing` rows, detailed Module Log with trace IDs
- **Admin stock tools:** “Clear and Reset” for `stockcontrol`/`qty`, `restore_saved_stockcontrol` (AJAX) with robust logging
- **Metric billing:** billing for Floating IPs, Bandwidth Usage (GB) and Snapshot Usage (GB)

Available options in the admin panel:

- Create / Suspend / Unsuspend / Terminate servers
- Change Package and Change Password
- Select server type, location, image, placement group, SSH keys, networks and firewalls
- Allow/deny client features: console (VNC/NC), charts, reset password, ISO, reinstall, choose backup/snapshot on reinstall
- PTR visibility toggle; “Username as root”; hide inputs in client area; custom “Link to instruction”
- **Automatic Pricing UI:** set Base price (Net/Gross), Percentage margin, select currencies & billing periods, view live Preview table, *Apply Bulk Pricing*

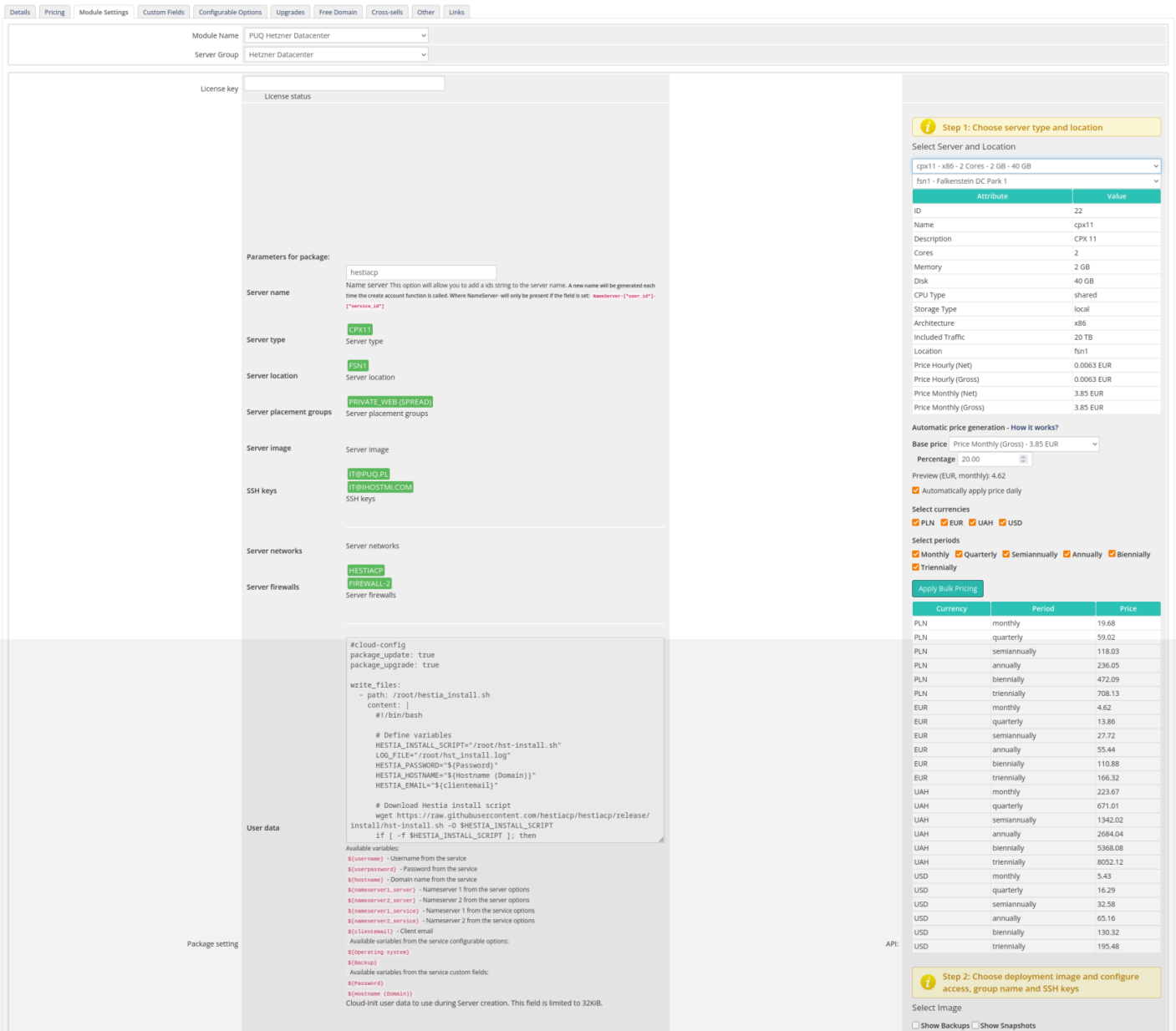
- **Automatically apply price daily:** cron-based price refresh using Hetzner base prices and WHMCS currency rates
- **Rounding policy:** always round *up* to ISO-4217 minor units; monthly → round → multiply by period → round
- **Admin stock tools:** “Clear and Reset” button and `restore_saved_stockcontrol` AJAX action
- Metric Billing configuration for Floating IPv4/IPv6, Bandwidth (GB), Snapshot Usage (GB)

Available options in the client panel:

- Server lifecycle (start, stop, reboot) and access to remote console
- Backup and snapshot management
- ISO mount/unmount (if allowed)
- Reinstall from image, snapshot or backup (if allowed)
- Reset root password (if allowed)
- View server details, resources and usage charts (if enabled)
- PTR control (if not hidden) and quick link to instruction

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WHMCS minimal version: 8+



- Overview
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# Hetzner product

## Hetzner Datacenter

ACTIVE

Request Cancellation

### Registration Date
Saturday, August 3rd, 2024

### First Payment Amount
10.00 EUR

### Recurring Amount
20.00 EUR

### Billing Cycle
Monthly

### Next Due Date
Tuesday, September 3rd, 2024

### Payment Method
PayPal

Manage | Configurable Options | Metrics | Additional Information | Resource Usage

Start | Stop | noVNC | Charts

| | |
|---|---|
| Status | running |
| CPU: | 1 cores |
| RAM: | 2 GB |
| System Disk: | 20 GB |
| Datacenter: | Helsinki 1 virtual DC 2 (hel1-dc2) |
| Image: | Debian 11 (debian-11) |
| Outgoing Traffic: | 0 bytes |
| Ingoing Traffic: | 0 bytes |
| Public Network IPv4: | 65.109.233.8 |
| Public Network IPv6: | 2a01:4f9:c010:ac06::/64 |
| Public Network DNS PTR: | static.8.233.109.65.clients.your-server.de |

User manual | Open PTR Record | Reinstall | Snapshots | Backups

Reset password | ISO mount

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# You are in the area of reinstalling the virtual machine.

## You must be aware of what you will do here.

## Reinstalling the virtual machine, completely remove all data on all disks of the virtual machine.

**First select your operating system type and then select your image. Please note that you can deploy backups of your other machines.**

## Select Image

☐ Show Backups ☐ Show Snapshots

System

debian-11 - Debian 11

Select an image
ubuntu-20.04 - Ubuntu 20.04
debian-11 - Debian 11
rocky-8 - Rocky Linux 8
centos-stream-9 - CentOS Stream 9
ubuntu-22.04 - Ubuntu 22.04
rocky-9 - Rocky Linux 9
alma-8 - AlmaLinux 8
alma-9 - AlmaLinux 9
debian-12 - Debian 12
fedora-39 - Fedora 39
fedora-40 - Fedora 40
ubuntu-24.04 - Ubuntu 24.04

| | |
|---|---|
| OS Version | 11 |
| Rapid Deploy | true |
| Protection | Delete: false |
| Architecture | x86 |

To protect against accidental reinstallation.
Please enter the word: **reinstall** In capital letters.

REINSTALL

Reinstall

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# Snapshots: 3

Refresh

*Snapshots are immediate, complete copies of your server's disks. For optimal data consistency, we advise shutting down your server before capturing a snapshot. The cost for snapshots is calculated based on the amount of storage used per month.*

Snapshot description

Take Snapshot

| | | |
|---|---|---|
| **My Snapshot** (2024-08-23T07:57:50+00:00) Size: **0.99 GB** | Rollback | Remove |
| **My Snapshot Next** (2024-08-23T08:02:31+00:00) Size: **0.99 GB** | Rollback | Remove |
| **My previous version** (2024-08-23T08:06:26+00:00) Size: **0.99 GB** | Rollback | Remove |

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# Mounted

## Windows Server 2019 English

Umount

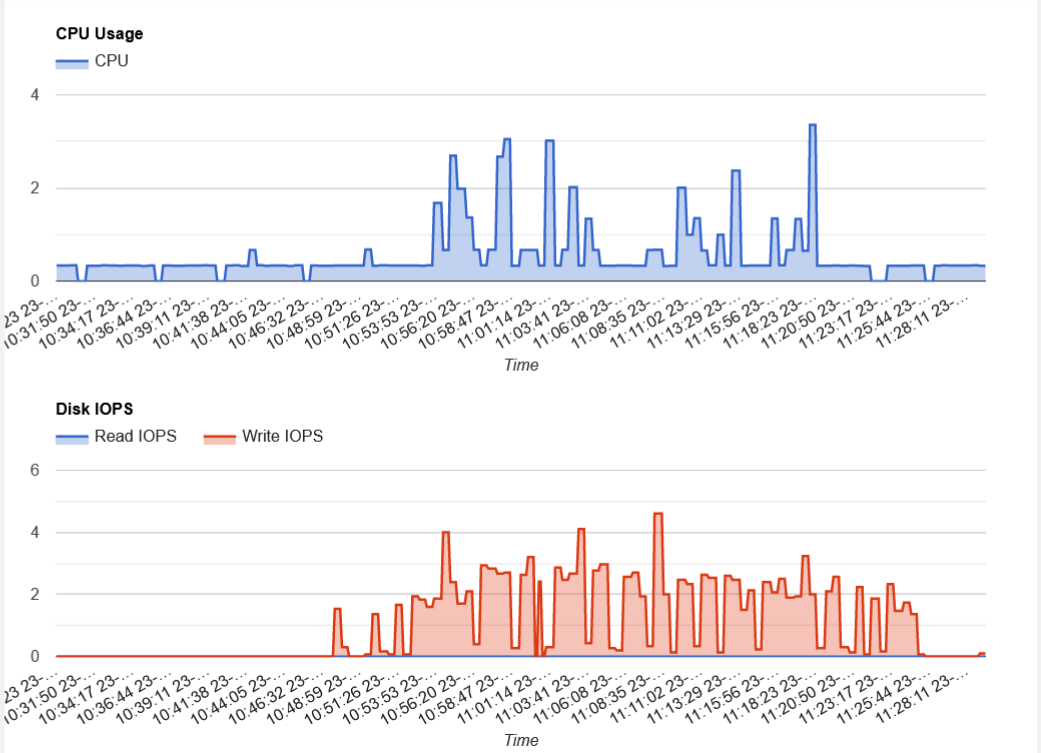
| | |
|---|---|
| **3CX v20 Debian12 (amd64)** (x86) | Mount |
| **Windows Server 2016 English** (x86) | Mount |
| **Securepoint UTM v12.5.4.1 Installer x86_64** (x86) | Mount |
| **Windows Server 2016 Russian** (x86) | Mount |
| **Windows Server 2016 Language Pack** (x86) | Mount |
| **OPNsense 24.7 (amd64)** (x86) | Mount |
| **SystemRescueCD (2018-04-02)** (x86) | Mount |
| **virtio-win-0.1.240.iso** (x86) | Mount |

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Last hour | Last day | Last week | Last month | Last year







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