Image not found or type unknown

Product Configuration

Hetzner Datacenter module **WHMCS**

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Add new product to WHMCS

```
System Settings → Products/Services → Create a New Product
```

In the **Module settings** section, select the **"PUQ Hetzner Datacenter"** module.

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

Module Name: PUQ Hetzner Datacenter

Server Group: Hetzner Datacenter

License key

License status

Parameters for package:

Server name
hestiacp
Name server This option will allow you to add a ids string to the server name. A new name will be generated each time the create account function is called. Where NameServer- will only be present if the field is set: `NameServer-["user_id"]-["service_id"]`

Server type
CPX11
Server type

Server location
FSN1
Server location

Server placement groups
PRIVATE_WEB (SPREAD)
Server placement groups

Server image
Server image

SSH keys
IT@PUQ.PL
IT@IHOSTMI.COM
SSH keys

Server networks
Server networks

Server firewalls
HESTIACP
FIREWALL-2
Server firewalls

User data

```
#cloud-config
package_update: true
package_upgrade: true

write_files:
  - path: /root/hestia_install.sh
    content: |
      #!/bin/bash

      # Define variables
      HESTIA_INSTALL_SCRIPT="/root/hst-install.sh"
      LOG_FILE="/root/hst_install.log"
      HESTIA_PASSWORD="${Password}"
      HESTIA_HOSTNAME="${Hostname (Domain)}"
      HESTIA_EMAIL="${clientemail}"

      # Download Hestia install script
      wget https://raw.githubusercontent.com/hestiacp/hestiacp/release/
install/hst-install.sh -O $HESTIA_INSTALL_SCRIPT
      if [ -f $HESTIA_INSTALL_SCRIPT ]; then
```

Available variables:
`${username}` - Username from the service
`${userpassword}` - Password from the service
`${hostname}` - Domain name from the service
`${nameserver1_server}` - Nameserver 1 from the server options
`${nameserver2_server}` - Nameserver 2 from the server options
`${nameserver1_service}` - Nameserver 1 from the service options
`${nameserver2_service}` - Nameserver 2 from the service options
`${clientemail}` - Client email
Available variables from the service configurable options:
`${Operating system}`
`${Backup}`
Available variables from the service custom fields:
`${Password}`
`${Hostname (Domain)}`
Cloud-Init user data to use during Server creation. This field is limited to 32KiB.

Package setting

Hide PTR open record
Hide PTR open record. When the checkbox is checked, it hides the button.

Not allow access to noVNC
Not allow access to server on noVNC. This setting prohibits access to the server console if enabled.

Not allow access to Charts
Not allow access to server charts. This setting prohibits access to the server charts if enabled.

Not allow reset password
Not allow reset password. This setting prohibits access to the server charts if enabled.

Backup
Allow access to server backup. This parameter allows access to server backup; below you need to select the name of the custom field. `(Important! The field must be yes/no checkbox)`
Backup
Custom option name for server backup. Select the name of the option that will determine the backup for the user.

Snapshot
Allow access to server snapshot. This setting allows access to the server snapshot if enabled.
Save all snapshots created by the user in case of server deletion. This option will save all snapshots created by the user when the "Terminate services" option is enabled. This means that the virtual machine will be deleted, but the snapshots will still be saved and available in your Hetzner panel. You can delete them manually or restore the virtual machine for the user. Please note that after deleting the virtual machine, the snapshots will no longer be available to the user in the reinstall section.

Server labels
Server | HestiaCP
Add Label
Server labels. The user_id and service_id fields with the corresponding values will be automatically added.

Hide inputs on client area
Hide inputs on client area. This setting hides the inputs [domain, password, username, nameserver1, nameserver2 and all Set up a server tables] on the client area if enabled.
Hostname (Domain)
Custom field name for hostname. Select the name of the option that will determine the hostname for the user. This option uses a custom field for entering the hostname. This allows the user to enter the hostname in a specially defined field, providing more flexible configuration and management of data.

Username as root
Username as root. This setting allows the username to be set as root if enabled.

Firewall for suspend service
Shutdown virtual machine
This setting allows you to select a firewall to be used for suspending the service or disable the VM.

Link to instruction
https://doc.puq.info/books/wireguard-vpn-s
A link to the instruction will be reflected in the client area.

puqHetznerDatacenter Welcome Email

API:

Step 1: Choose server type and location

Select Server and Location

cpx11 - x86 - 2 Cores - 2 GB - 40 GB

fsn1 - Falkenstein DC Park 1

Attribute	Value
ID	22
Name	cpx11
Description	CPX 11
Cores	2
Memory	2 GB
Disk	40 GB
CPU Type	shared
Storage Type	local
Architecture	x86
Included Traffic	20 TB
Location	fsn1
Price Hourly (Net)	0.0063 EUR
Price Hourly (Gross)	0.0063 EUR
Price Monthly (Net)	3.85 EUR
Price Monthly (Gross)	3.85 EUR

Automatic price generation - How it works?

Base price: Price Monthly (Gross) - 3.85 EUR

Percentage: 20.00

Preview (EUR, monthly): 4.62

Automatically apply price daily

Select currencies
PLN EUR UAH USD

Select periods
Monthly Quarterly Semiannually Annually Biennially Triennially

Apply Bulk Pricing

Currency	Period	Price
PLN	monthly	19.68
PLN	quarterly	59.02
PLN	semiannually	118.03
PLN	annually	236.05
PLN	biennially	472.09
PLN	triennially	708.13
EUR	monthly	4.62
EUR	quarterly	13.86
EUR	semiannually	27.72
EUR	annually	55.44
EUR	biennially	110.88
EUR	triennially	166.32
UAH	monthly	223.67
UAH	quarterly	671.01
UAH	semiannually	1342.02
UAH	annually	2684.04
UAH	biennially	5368.08
UAH	triennially	8052.12
USD	monthly	5.43
USD	quarterly	16.29
USD	semiannually	32.58
USD	annually	65.16
USD	biennially	130.32
USD	triennially	195.48

Step 2: Choose deployment image and configure access, group name and SSH keys

Select Image

Show Backups Show Snapshots

System

debian-11 - Debian 11

Attribute	Value
Id	45557056
Name	debian-11
Architecture	x86
Created	16.08.2021, 11:12 UTC
Description	Debian 11
Disk Size	5
Os Flavor	debian
Os Version	11
Protection	Delete: false
Rapid Deploy	true
Status	available
Type	system

Do not use (selected image will be used)

Custom option name for image. Select the name of the option that will define the image displayed to the user when the service is deployed.

Allow user to select ISO image.
If you enable this option, the user will be able to select the attached ISO image you have allowed.

Allow user to reinstall service. If you enable this option, the user will be able to reinstall the service.

Allow user to choose backup and snapshot when reinstalling service. If you enable this option, the user will be able to select backups and snapshots during the service reinstallation process. `(Important! Each user only gets access to their backups and snapshots based on the user's services)`

Select Placement Group

- private_web (spread)
- private_mail (spread)
- private_cloud (spread)

Select SSH Keys

- it@puq.pl
- it@ihostmi.com

Step 3: Choose networks and firewalls

`Important! It is necessary that at least one of the networks is enabled for successful server deployment.` Choose from network options for your server. You can also create servers without a public network. If you want to disable a public network, you must first select a private network.

Public Networks

Public IPv4. If you want to disable a public network, you must first select a private network.

Public IPv6. If you want to disable a public network, you must first select a private network.

Private Networks

- network-10-22 (10.22.0.0/16)
- 1111111111 (10.1.0.0/16)

Select Firewalls

- hestiacp
- firewall-2
- for suspend

Package Settings

License key: A pre-purchased license key for the "PUQ Hetzner Datacenter" module. The key must be active.

Server name: Adds a prefix to the generated server name. A new name is generated on create. Format: `NameServer-[*user_id*]-[*service_id*]`.

Server type: Type of server to deploy. Auto-filled from the *Select Server and Location* panel.

Server location: Physical location. Auto-filled from *Select Server and Location*.

Server placement groups: Placement group for the server. Auto-filled from *Select Placement Group*.

Server image: OS image to use. Auto-filled from *Select Image*.

SSH keys: Keys for server access. Auto-filled from *Select SSH Keys*.

Server networks: Networks to attach. Auto-filled from *Private Networks*.

Server firewalls: Firewall profiles to apply. Auto-filled from *Select Firewalls*.

User data: Custom cloud-init or init script used during server creation (limit 32KB).

Package setting: Additional options:

- **Hide PTR open record:** Hides PTR control button.
- **Not allow access to server on VNC/NC:** Blocks access to the server console.
- **Not allow access to Charts:** Hides resource charts.
- **Not allow reset password:** Disables password reset.
- **Backup:** Allows access to server backups (select the custom field name; default: *Backup*).
- **Snapshot:** Allows access to server snapshots.
- **Server labels:** Adds labels; `user_id` and `service_id` are added automatically.
- **Hide inputs on client area:** Hides inputs (domain, password, username, nameserver1/2) and sets server label(s).
- **Username as root:** Use `root` as the administrative username (or keep image defaults).
- **Firewall for suspend service:** Select a firewall profile used when suspending the service (or disabling the VM).
- **Link to instruction:** A documentation link shown in the client area.

Automatic Pricing & Rounding (UI)

The right-hand panel includes a new **Automatic Pricing UI** for consistent price management.

- **Base price (Net/Gross):** Displays Hetzner base price; choose Net or Gross.

- **Percentage margin:** Set a markup applied to Hetzner base price.
- **Automatic price generation – How it works?** Collapsible help explaining rules and examples.
- **Select currencies:** Bulk select one or multiple currencies.
- **Select periods:** Bulk select billing cycles (Hourly, Monthly, Quarterly, Semi-Annually, Annually, Biennially).
- **Preview table:** Live recalculation per currency and period before applying.
- **Apply Bulk Pricing:** Writes or creates `tblpricing` rows according to selection.
- **Automatically apply price daily:** Enables cron-based daily sync using saved configuration.
- **Rounding policy:** Always round *up* to ISO-4217 minor units (0/2/3 decimals). Monthly price is rounded first; then multiplied by the period factor and rounded again. JS preview and server-side logic are identical.
- **Currency source:** Uses Hetzner Cloud API `/pricing.currency` (not hard-coded EUR).
- **Expanded server dropdowns:** Server selectors show *name – architecture – cores – memory – disk*.

API Settings

Select Server and Location: Choose server type and region from Hetzner's catalog (Step 1).

Select Image: Choose OS image or snapshot (Step 2).

Custom option name for image: (Optional) Provide a custom option label for the image selector.

Allow user to select ISO image: Let users choose an ISO for boot/install.

Allow user to reinstall service: Enables one-click reinstall from the client area.

Allow user to choose backup and snapshot when reinstalling service: Allow selecting a backup/snapshot during reinstall.

Select Placement Group: Pick a placement group for spreading/affinity (Step 2/3).

Select SSH Keys: Choose keys for access.

Public Networks: Enable/disable public IPv4/IPv6.

Private Networks: Attach private networks.

Select Firewalls: Choose firewall rules to apply.

Admin Tools for Stock Management

- **Clear and Reset:** Button in the product configuration that restores `stockcontrol` and `qty` to saved values.
- **Restore saved stockcontrol:** Internal action that recovers data from the stored record

and removes the obsolete entry. Actions are logged (*input*, *not_found*, *updated_product*, *deleted_saved*, *done*, *error*).

Email configuration:

Choose pre-built templates to notify users about actions:

- **Custom Welcome Email**
- **Custom start stop service Email**
- **Custom reset server password Email**
- **Custom snapshot action Email**
- **Custom backup action Email**
- **Custom ISO action Email**
- **Custom reinstall action service Email**

Metric Billing:

- **Floating IPv4 addresses:** Configure pricing.
- **Floating IPv6 addresses:** Configure pricing.
- **Bandwidth Usage (GB):** Configure pricing.
- **Snapshot Usage (GB):** Configure pricing.

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