# 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
- IP management and bandwidth monitoring
- Backup and snapshot management
- SSH key management
- Custom email notifications
- Multilingual support (English, Russian, Ukrainian, etc.)
- Client area functionalities for server management

Available options in the admin panel:

- Create servers
- Suspend servers
- Terminate servers
- Unsuspend servers
- Change password
- Change Package

Available options in the client panel:

- Server management (start, stop, reboot)
- Access to remote console
- IP management
- Backup and snapshot management
- SSH key management
- View server details and usage statistics

Edit Product

| 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

success: 2024-09-11T16:42:34+02:00

**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**

CX11

Server type

**Server location**

HEL1

Server location

**Server placement groups**

PRIVATE_WEB (SPREAD)

Server placement groups

**Server image**

DEBIAN-11 - DEBIAN 11

Server image

**SSH keys**

IT@PUQ.PL

SSH keys

**Server networks**

Server networks

**Server firewalls**

HESTIACP
FIREWALL-2
FOR SUSPEND

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
```

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.

API:

Select Server and Location

cx11 - x86 1 Cores 2 GB 20 GB

hel1 - Net: 0.0052 EUR, Gross: 0.0052 EUR

| Attribute | Value |
|---|---|
| ID | 1 |
| Name | cx11 |
| Description | CX11 |
| Cores | 1 |
| Memory | 2 GB |
| Disk | 20 GB |
| CPU Type | shared |
| Storage Type | local |
| Architecture | x86 |
| Included Traffic | 20 TB |
| Location | hel1 |
| Price Hourly (Net) | 0.0052 EUR |
| Price Hourly (Gross) | 0.0052 EUR |
| Price Monthly (Net) | 3.29 EUR |
| Price Monthly (Gross) | 3.29 EUR |

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

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

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.

## Hetzner product
### Hetzner Datacenter

**ACTIVE**

🚫 Request Cancellation

### Overview
- ℹ Information
- 📈 Charts
- 🔄 Reinstall
- ↩ Snapshots
- ↩ Backups
- ⊕ ISO mount

### Actions
- 🪪 Reset password
- ☰ Upgrade/Downgrade Options
- 🚫 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   ℹ Additional Information

☁ Resource Usage

| Start | Stop | noVNC | Charts |
|-------|------|-------|--------|

| ℹ **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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- ★ Overview  ⌃
  - **i** Information
  - ⯐ Charts
  - ⇄ Reinstall
  - ↶ Snapshots
  - ↶ Backups
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- 🔧 Actions  ⌃
  - 🖾 Reset password
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  - 🚫 Request Cancellation

# 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

## Overview
- **i** Information
- **⬚** Charts
- **↻** Reinstall
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- **↩** Backups
- **⊕** ISO mount

## Actions
- **▦** Reset password
- **☰** Upgrade/Downgrade Options
- **⊘** Request Cancellation

# 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

### Overview

- Information
- Charts
- Reinstall
- Snapshots
- Backups
- ISO mount

### Actions

- Reset password
- Upgrade/Downgrade Options
- Request Cancellation

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

**CPU Usage**



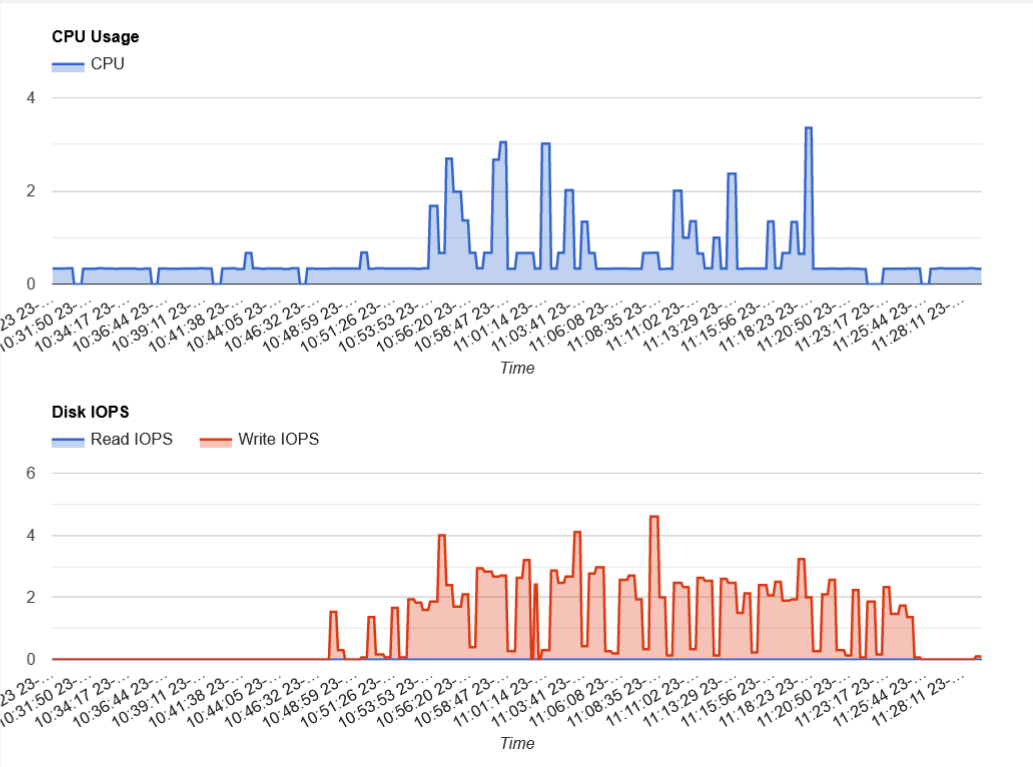**Disk IOPS**



Revision #6
Created 16 August 2024 09:25:47 by Dmytro Kravchenko
Updated 4 September 2024 11:07:16 by Yuliia Noha