

# *VPSServer.com provisioning module for WHMCS*

## *Installation & Configuration*

## I. Introduction

*VPSServer.com provisioning module for WHMCS (official)* has been designed to allow WHMCS to synchronize with the VPSServer system. The module supports all key WHMCS provisioning functionalities performed on virtual servers such as *Create, Terminate, Suspend, Unsuspend and Upgrade/Downgrade*.

What is more, end-customers are equipped with tools that grant them the possibility to manage servers without leaving their client area page. They may easily monitor details and statistics of their servers as well as perform all crucial actions.

### Client Area Features:

- Power On/Power Off/Reboot/Reboot in Recovery Mode Server
- Change Server Password
- Change Server Hostname
- View Server Status And Details
- View/Add/Move/Delete Server Firewalls
- View/Add/Restore/Delete Server Back-Ups
- View/Add/Edit/Delete Server Back-Up Schedules
- View Server Statistics Graphs

### Admin Area Features:

- Create/Terminate Server
- Block/Unblock Server Management
- Upgrade/Downgrade Server
- View Server Status And Details
- View Server Statistics Graphs
- Run API Connection Test

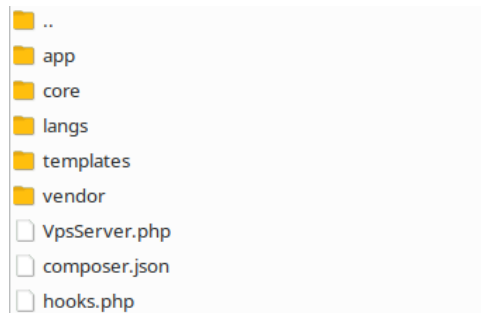
### Configurable Options:

- Location

- Template
- Product

## II. Installation

1. Log in to our client area and download the module.
2. Upload and extract the extension into the main WHMCS directory. Files in your ***your/whmcs/directory/modules/servers/VpsServer*** directory should look like this:

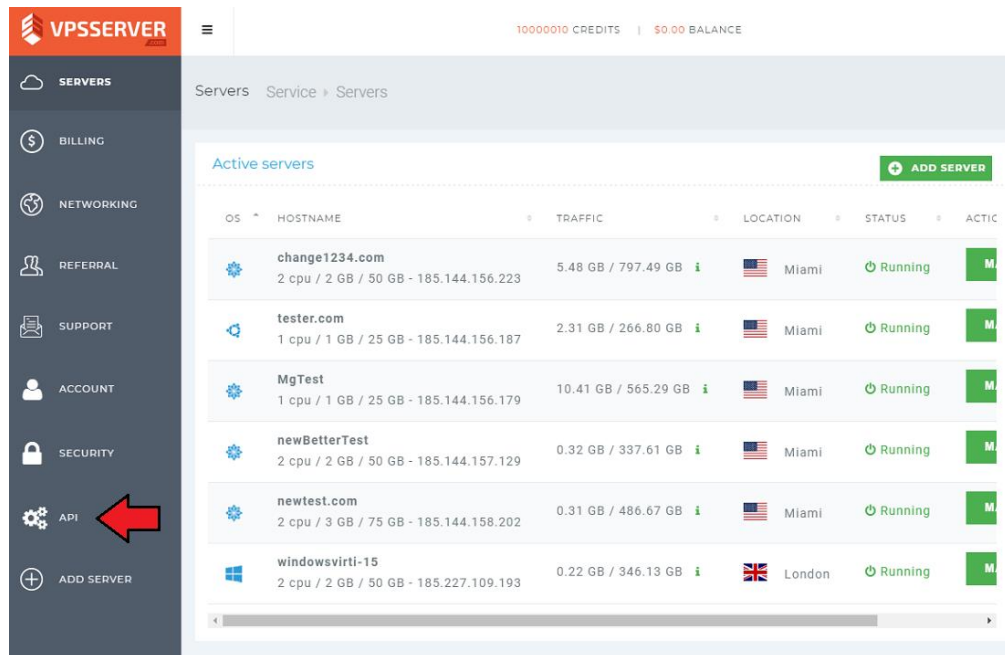


## III. Configuration

Before you can proceed, you have to generate your VPSServer API Token. It is needed to connect with the server successfully.

Underneath you will find instructions where to find your API details.

1. Firstly, log in to your account here: <https://service.vpsserver.com/users/login/>
2. Enter the API section.



3. Move to the 'Tokens' section and click 'Add API Token'.

VPSSERVER 10000010 CREDITS | \$0.00 BALANCE

API Tokens Service > API > Tokens

API **TOKENS** RELEASE NOTES FEEDBACK REQUEST HISTORY DOCUMENTATION

### API Tokens

LABEL	TOKEN	ACTIONS
Admin User One	eyJ0eX ... qD_L7k	<a href="#">MORE</a>
mg	eyJ0eX ... SQdpFM	<a href="#">MORE</a>

**ADD API TOKEN**

4. Provide a label and press the 'Add Token' button.

VPSSERVER 10000010 CREDITS | \$0.00 BALANCE

Add API token Service > API > Tokens > Add

API **TOKENS** RELEASE NOTES FEEDBACK REQUEST HISTORY DOCUMENTATION

### Add API Token

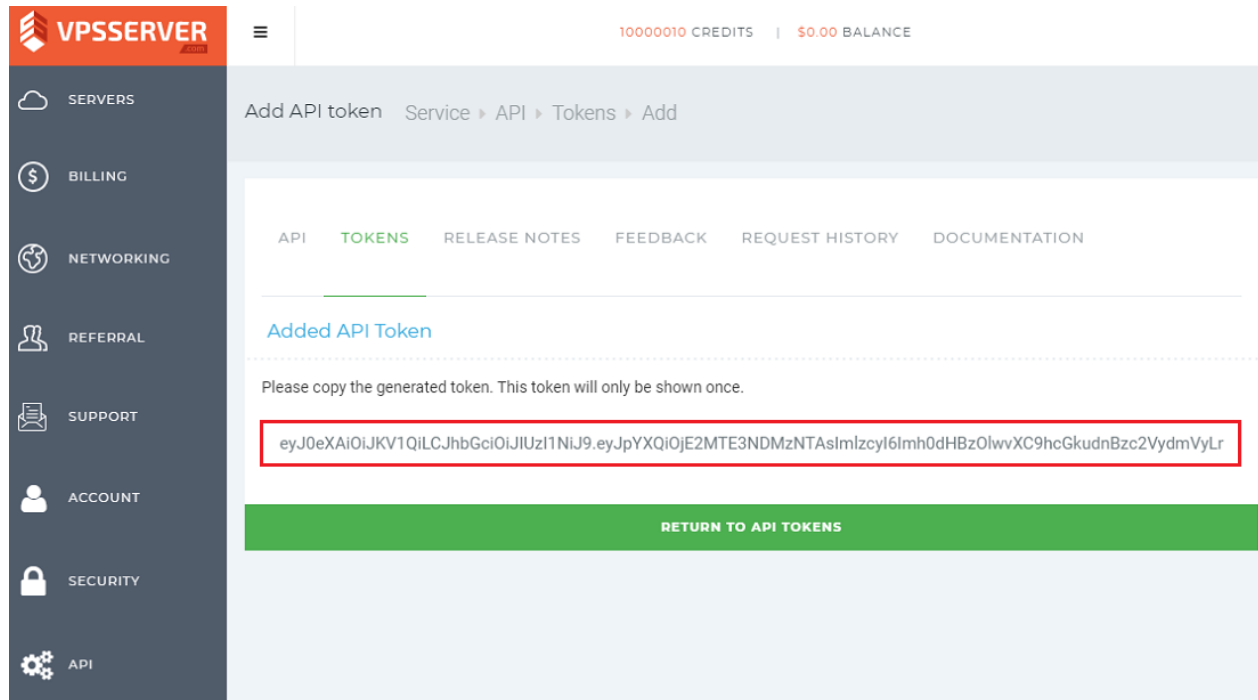
After you have provided a label a token will be generated for you. We will only show you this token once for security reasons.

LABEL

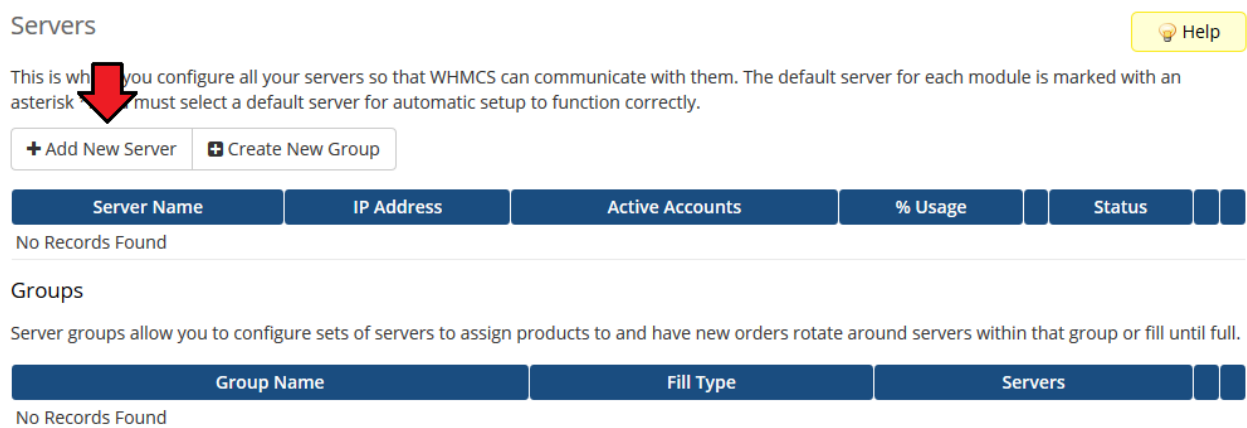
Admin API Token

**ADD TOKEN**

5. Now you will see the newly generated 'API Token'. Copy it and keep safe as you will need in a moment to create the connection between WHMCS and VPSServer.
- Please remember that this token will not be visible again.*




6. Log in to your WHMCS and proceed to 'System Settings' → 'Servers' and press 'Add New Server' .




7. If you see the new server creation wizard, click 'Click here' to switch to the previous wizard.

## Servers

### Add Server



 This is the new server creation wizard which features auto-complete for supported values. Prefer the previous experience? [Click here](#) **NEW!**

**Module**

Choose the control panel the server uses

cPanel

▼

**Hostname or IP Address**

Used to connect to your servers API

**Username**

**Password**

**API Token**

Test Connection »

Continue Anyway

8. Firstly, provide your server name.



## Servers


### Add Server

Name	<input type="text" value="VPS Server"/>
Hostname	<input type="text"/>
IP Address	<input type="text"/>
Assigned IP Addresses (One per line)	<div></div>
Monthly Cost	<input type="text"/>
Datacenter/NOC	<input type="text"/>
Maximum No. of Accounts	<input type="text" value="200"/>
Server Status Address	<div>To display this server on the server status page, enter the full path to the server status folder (required to be uploaded to each server you want to monitor) - eg. <a href="https://www.example.com/status/">https://www.example.com/status/</a></div>
Enable/Disable	<input type="checkbox"/> Tick to disable this server

9. In the 'Server Details' section, choose 'VPS Server' from the 'Module' field. Enter the previously generated 'API Token' in the 'Password' field. Do not forget to save changes.

Server Details

Module	<div>VPS Server  <span>Test Connection</span></div>
Username	<input type="text"/>
Password	<input type="password" value="....."/> 
Access Hash	<div></div>
Secure	<input checked="" type="checkbox"/> Tick to use SSL Mode for Connections

 Save Changes Cancel Changes


If you receive an error about empty fields, please fill in that field with sample data and save changes.






10. It is time to create a server group. To do so, please click 'Create New Group'.

### Servers

This is where you configure all your servers so that WHMCS can communicate with them. The default server for each module is marked with an asterisk \*. You must select a default server for automatic setup to function correctly.

[+ Add New Server](#) [+ Create New Group](#) 

Server Name	IP Address	WHMCS Usage Stats	Remote Usage Stats	Status
VPS Server				
VPS Server *	123.123.123.1	7/200 (4%)	Not Available	  

11. Enter a name, click on your previously created server, press 'Add' and afterward 'Save Changes'.

### Servers

#### Create New Group

Name


Fill Type  
☒ Add to the least full server  
☐ Fill active server until full then switch to next least used

Selected Servers

Add »

« Remove

VPS Server

 [Save Changes](#) [Cancel Changes](#)

12. In order to create and configure a product, go to 'System Settings' → 'Products/Services'. Press 'Create a New Group'.

### Products/Services

 Help

This is where you configure all your products and services. Each product must be assigned to a group which can either be visible or hidden from the order page (products may also be hidden individually). A product which is in a hidden group can still be ordered using the Direct Order Link shown when editing the package.

[+ Create a New Group](#) [+ Create a New Product](#) [+ Duplicate a Product](#)

Product Name	Type	Pay Type	Stock	Auto Setup
No Product Groups Setup				

13. Type a name and save changes.



## Products/Services

### Create Group

Product Group Name

VPS Server Test

URL

http://yourWHMCS/client/index.php?rp=/store/ vps-server-test   OK

Product Group Headline

eg. Select Your Perfect Plan


Product Group Tagline

eg. With our 30 Day Money Back Guarantee You Can't Go Wrong!


Group Features

You must save the product group for the first time before you can add features


Order Form Template




☒ Standard Cart (Default)




☐ Premium Comparison




☐ Pure Comparison




☐ Supreme Comparison




☐ Universal Slider



☐ Cloud Slider



☐ Legacy Boxes




☐ Legacy Modern

Available Payment Gateways

☒ Bank Transfer

Hidden

☐ Check this box if this is a hidden group



Save Changes


Cancel Changes


14. Once you have a product group, you can create a new product.


## Products/Services

 Help

This is where you configure all your products and services. Each product must be assigned to a group which can either be visible or hidden from the order page (products may also be hidden individually). A product which is in a hidden group can still be ordered using the Direct Order Link shown when editing the package.

 Create a New Group

 Create a New Product

 Duplicate a Product

Product Name	Type	Pay Type	Stock	Auto Setup
✚ Group Name: VPS Server				

No Products Setup in this Group

15. Afterward, choose your product type, enter your product name, choose a module and the product group from the dropdown menus. Next, press 'Continue'.

### Products/Services

Create a New Product

**Product Type**  
Defines how WHMCS manages the item.  
Don't see the type of product you're looking for? Choose *Other*

Shared Hosting

Reseller Hosting

Server/VPS

Other

**Product Group**  
Click here to create a new product group

VPS Server

**Product Name**  
The default display name for your new product

VPS Server

**Module**  
Choose a module for automation

VPS Server

**Create as Hidden**  
A hidden product is not visible to end users

OFF

Continue »

16. Finally, proceed to the 'Module Settings' section, choose your previously created server group from the dropdown menu.

## Products/Services

### Edit Product

Details

Pricing

Module Settings

Custom Fields

Configurable Options

Upgrades

Free Domain

Other

Links

Module Name

VPS Server

Server Group

VPSServer

Configuration

17. In this part, you can start configuring the settings of the server you sell.

- Location - select a location for the related server from the list.
- Template - select the system that will be installed on the server.
- Product - choose a product from the list of available to be used.

At the end of the configuration process, you can decide whether you want to generate configurable options for the product.

Configurable options can be used by your clients to select each virtual machine parameters individually during order placement. Otherwise, if configurable options are not defined, then the fixed parameters specified in the earlier configuration will be used instead.

## Products/Services

### Edit Product

Details

Pricing

Module Settings

Custom Fields

Configurable Options

Upgrades

Free Domain

Other

Links

Module Name

VPS Server

Server Group

VPSServer

Configuration

Location

Miami

Product

VPS 1024

Template

Ubuntu 15.04 x64

Configurable Options

location|Location

product|Product

template|Template

+ Create Configurable Options

☐ Automatically setup the product as soon as an order is placed

☐ Automatically setup the product as soon as the first payment is received

☐ Automatically setup the product when you manually accept a pending order

☒ Do not automatically setup this product

Save Changes

Cancel Changes

In order to create configurable options properly, it is important to choose a server group in "Module Settings", and save changes before using the "Create Configurable Options" button.

## IV. Management

In the admin area, you can track and perform key actions on virtual machines of your customers.

This includes supervision of such features like:

- Configurable options which enable you to view the chosen virtual machine resources.
- Module commands to allow easy and quick management of the virtual machine.

SummaryProfileUsersContactsProducts/ServicesDomainsBillable ItemsInvoicesQuotesTransactions

VPS Server - newtest.com

+ New AddonMore

Go

Order # 11 - View Order

Registration Date 01/26/2021

Product/Service VPS Server

Quantity 1

Server VPS Server (7/4

First Payment Amount 0.00

Hostname newtest.com

Recurring Amount 0.00

Dedicated IP

Next Due Date N/A

Username newtestc

Termination Date

Password 6n#7fJA1zN3k\*Y

Billing Cycle Free

Status Active

Payment Method Bank Transfer

Promotion Code None

Assigned IPs

Nameserver 1

Nameserver 2

Location Miami

Product VPS 1024

Template Ubuntu 15.04 x64

Module Commands

Create

Suspend



Unsuspend

Terminate

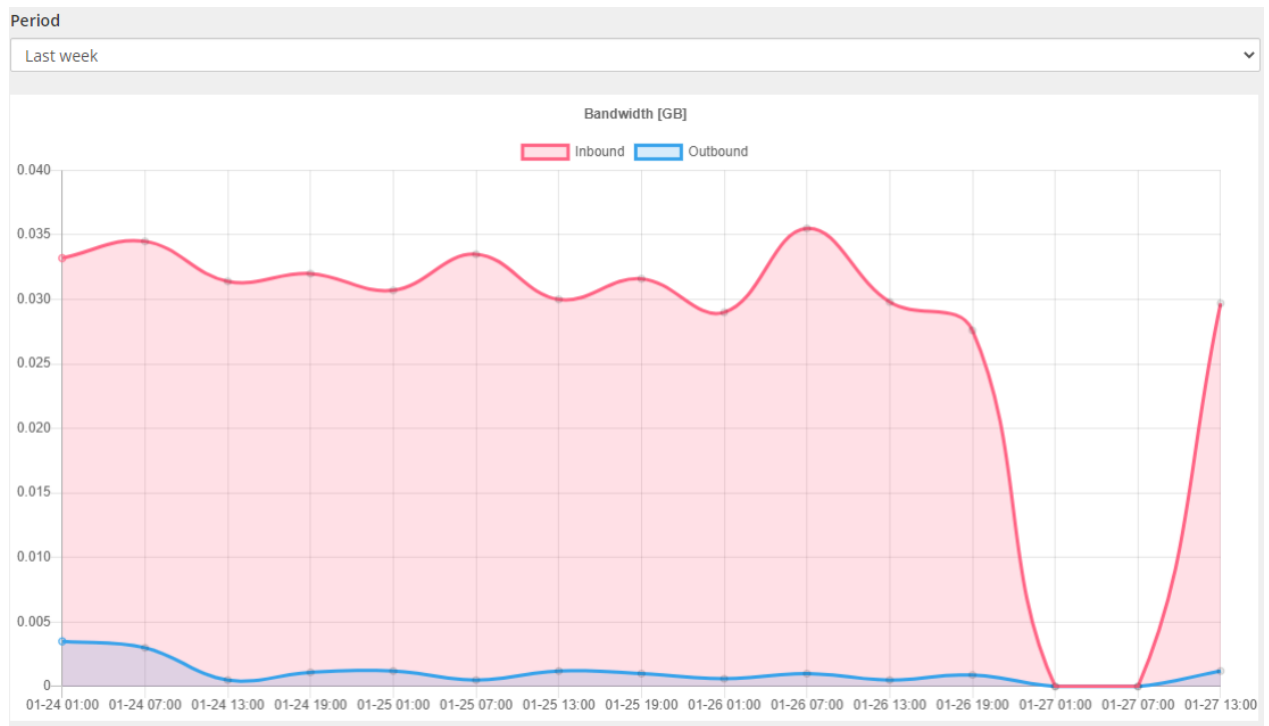
Change Package

Change Password

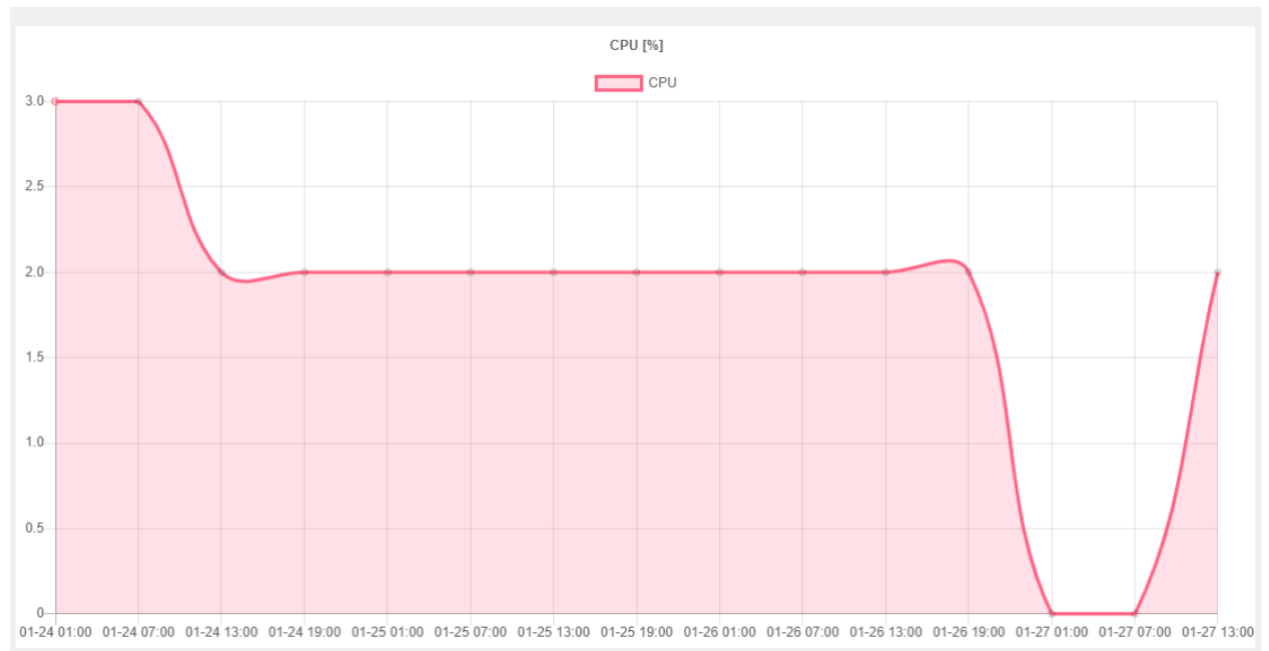
- Server Information

Server Information	
Status	 Online
Hostname	newtest.com
IP Address	185.141.111.187
Username	root
Password	..... 
Memory	1024 GB
Disk Size	25 GB
CPU Number	1
Template	Ubuntu 15.04 x64
Product	VPS 1024
Location	Miami

- Bandwidth [GB]

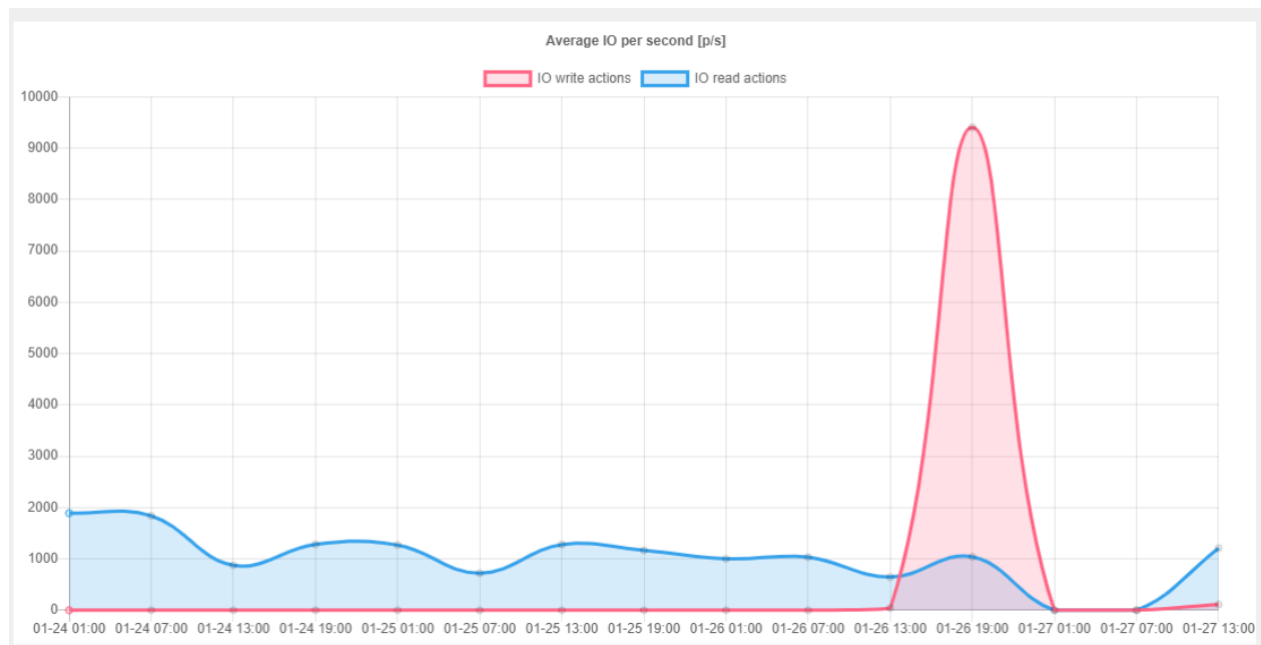


- CPU [%]

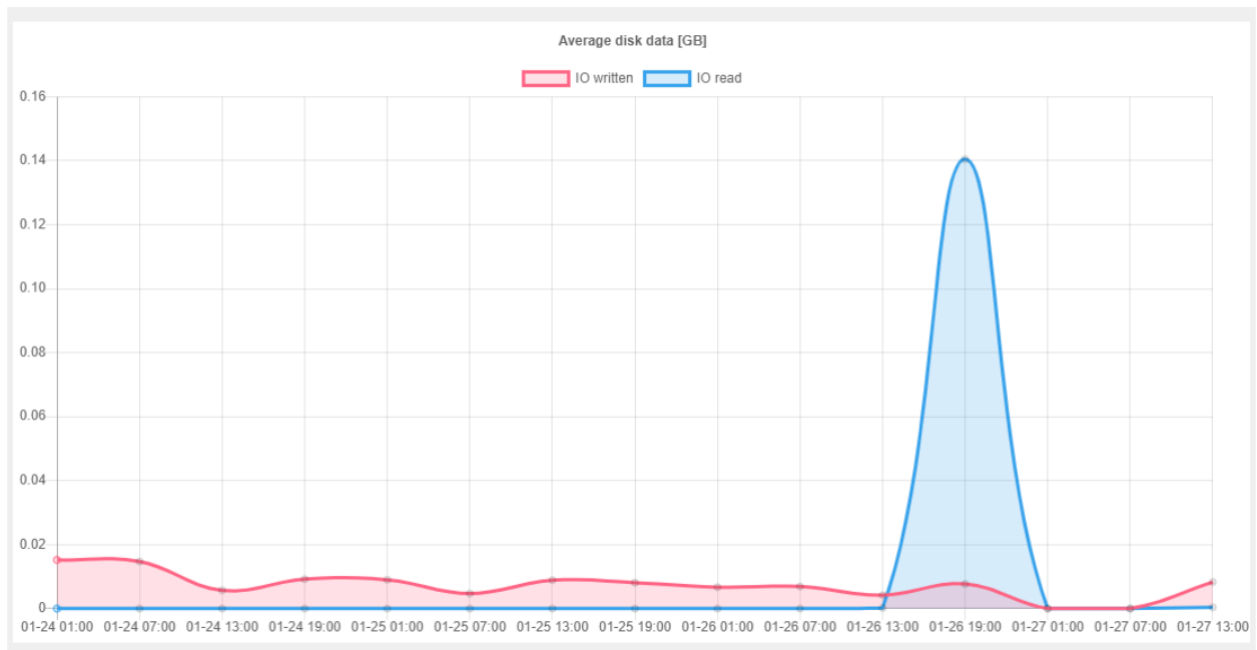




- Average IO per second [p/s]



- Average disk data [GB]



## V. Client Area

The client area interface of the VPS Server should look like the one on the screen below. As you can see, the control panel contains useful options required for managing a server.

The module allows your customers to easily power on/off, reboot/reboot in recovery mode their servers through pressing the corresponding buttons. Clients can also:

- change server hostname and password
- view and manage the server firewalls, back-ups
- view statistics graphs

★ Overview

Information

✎ Actions

Change Password

⚙ Manage Server

Change Hostname

Firewalls

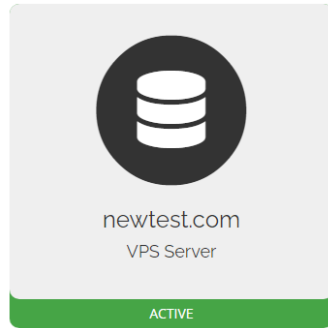
Back-Ups

SSH Keys

Graphs

## Manage Product

Portal Home / Client Area / My Products & Services / Product Details



Registration Date

22/01/2021

Recurring Amount

\$0.00 USD

Billing Cycle

Free Account

Next Due Date

-

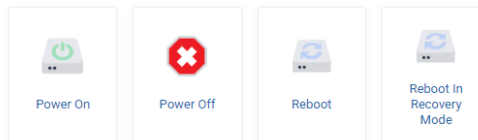
Payment Method

Bank Transfer

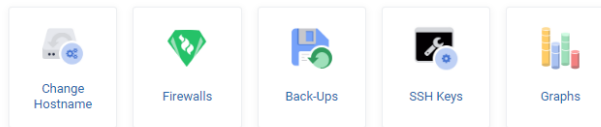
### Server Information

Hostname newtest.com  
Nameservers ns1.newtest.com  
ns2.newtest.com

#### Service Actions



#### Service Management

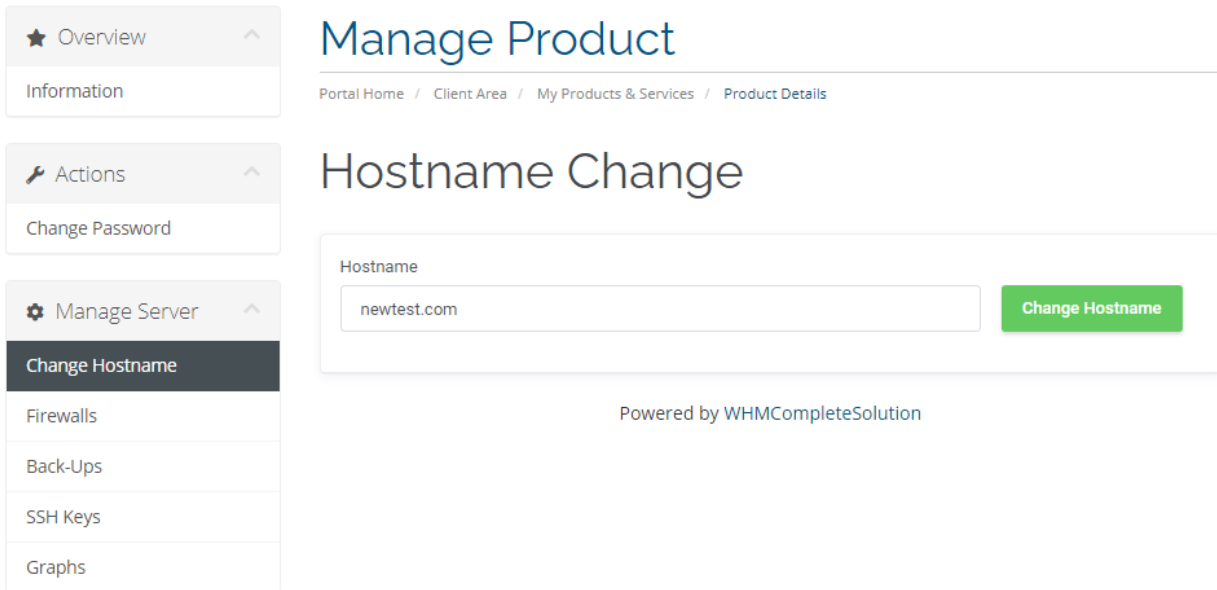


#### Server Information

Status	Online
Hostname	newtest.com
IP Address	185.111.116.187
Username	root
Password	.....
Memory	1024 GB
Disk Size	25 GB
CPU Number	1
Template	Ubuntu 15.04 x64
Product	VPS 1024
Location	Miami

## 1. Change Hostname

In this section, you can change the server hostname. Once you enter a new hostname, click ‘Change Hostname’ to confirm.



The screenshot displays the WHM 'Manage Product' interface. On the left sidebar, the 'Manage Server' menu is expanded, showing options like 'Change Hostname', 'Firewalls', 'Back-Ups', 'SSH Keys', and 'Graphs'. The 'Change Hostname' option is selected. The main content area is titled 'Manage Product' and 'Hostname Change'. It features a text input field labeled 'Hostname' containing 'newtest.com' and a green 'Change Hostname' button. A breadcrumb trail at the top reads 'Portal Home / Client Area / My Products & Services / Product Details'. At the bottom, it states 'Powered by WHMCompleteSolution'.

## 2. Firewalls

In the ‘Firewalls’ section, you will review all server firewall rules. You may easily add a new firewall rule or modify the existing ones.

★ Overview

Information

🔧 Actions

Change Password

⚙️ Manage Server

Change Hostname

Firewalls

Back-Ups

SSH Keys

Graphs

# Manage Product

Portal Home / Client Area / My Products & Services / Product Details

## Firewalls Management

Firewalls

🔍 Search...

+ Add Firewall Rule

COMMAND	ADDRESS	PORT	INTERFACE	PROTOCOL	APPLIED		
ACCEPT	192.168.22.12/32	Any	139503	TCP	No	↓	🗑️
ACCEPT	192.168.22.12/32	Any	139503	UDP	No	↑ ↓	🗑️
ACCEPT	192.168.22.167/32	Any	139503	SCTP	No	↑ ↓	🗑️
DROP	192.168.22.1/32	Any	139503	TCP	No	↑ ↓	🗑️
DROP	192.168.2.3/32	Any	139503	TCP	No	↑	🗑️

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Powered by WHMCompleteSolution

### 3. Back-Ups

Here you can monitor all server ‘Back-Ups’ and ‘Back-Up Schedules’ as well as add, edit, restore, and remove them.

★ Overview

Information

🔧 Actions

Change Password

⚙️ Manage Server

Change Hostname

Firewalls

Back-Ups

SSH Keys

Graphs

# Backups Management

Backups Schedule Configuration

🔍 Search...

+ Add Backup Schedule

DISK LABEL ↓	DURATION	PERIOD	ROTATION PERIOD	STATUS	START TIME		
Disk#55910	2	Weeks	2	Enabled	2021-01-27 20:38:00	✎	🗑
Disk#55910	1	Years	1	Enabled	2022-01-26 20:37:00	✎	🗑

< 1 >

10 25 ∞

Backups Configuration

🔍 Search...

+ Add Backup

CREATED ↓	DONE	DISK LABEL	SIZE	BUILT		
2021-01-26 20:37:51	2021-01-26 20:39:09	Disk#55910	0.34 GB	Built	🔄	🗑
2021-01-26 18:58:19	2021-01-26 19:01:09	Disk#55910	0.34 GB	Built	🔄	🗑
2021-01-26 13:49:26	2021-01-26 13:50:46	Disk#55910	0.34 GB	Built	🔄	🗑
2021-01-25 21:38:48	2021-01-25 21:40:07	Disk#55910	0.33 GB	Built	🔄	🗑

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#### 4. Graphs

Statistics graphs are also available from the client area. The graphs presented here focus on:

- Bandwidth [GB]
- CPU [%]
- Average IO per second [p/s]
- Average disk data [GB]

★ Overview

Information

🔧 Actions

Change Password

⚙️ Manage Server

Change Hostname

Firewalls

Back-Ups

SSH Keys

Graphs

# Manage Product

Portal Home / Client Area / My Products & Services / Product Details

## Statistics Graphs

Period

Last 24 Hours

