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
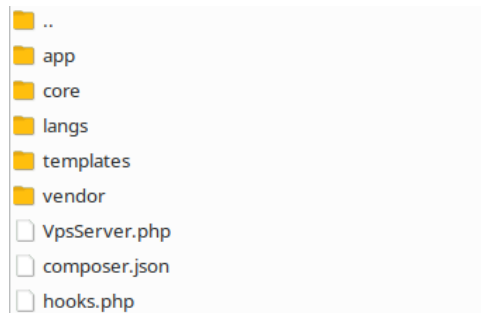- Run API Connection Test

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:
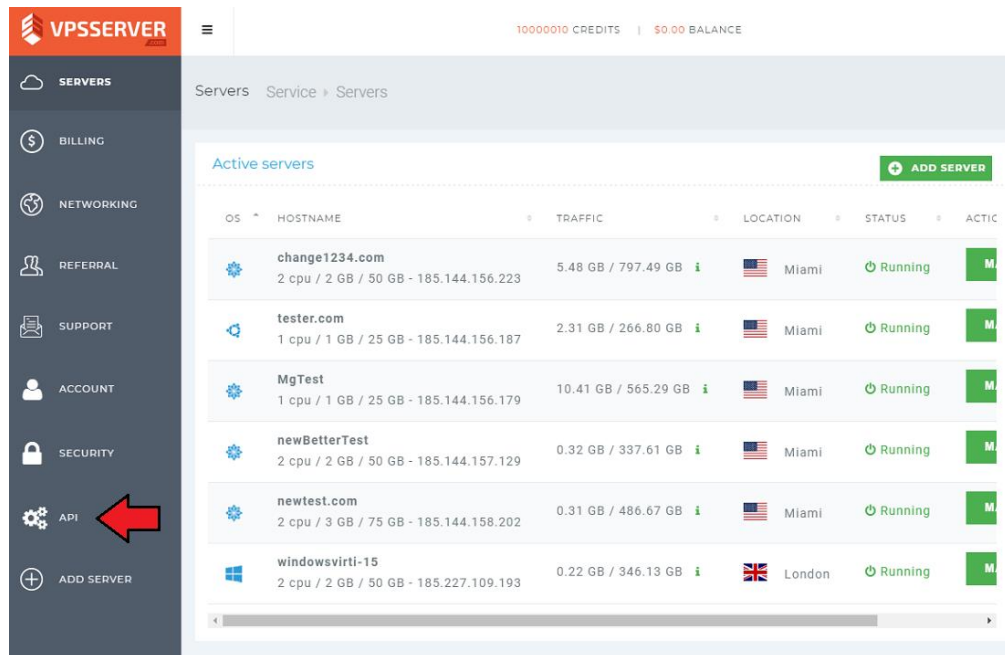

III.   Configuration

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'.

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

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.*
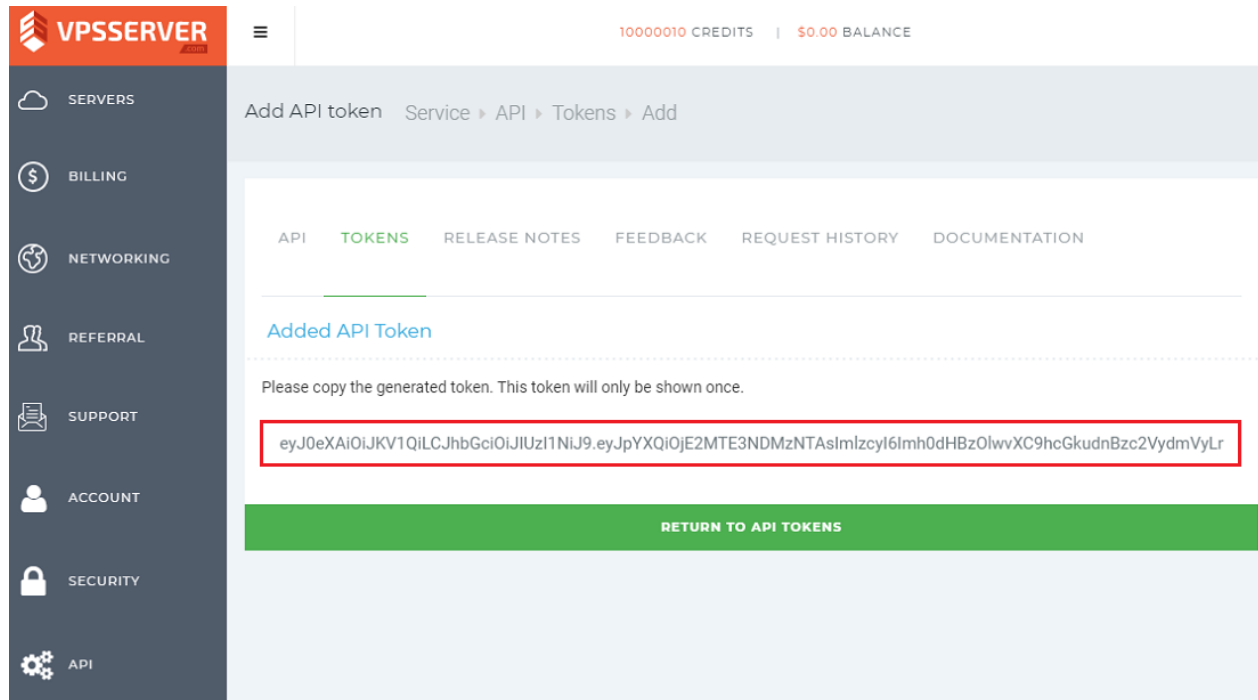
6. Log in to your WHMCS and proceed to 'System Settings' → 'Servers' and press 'Add New Server' .
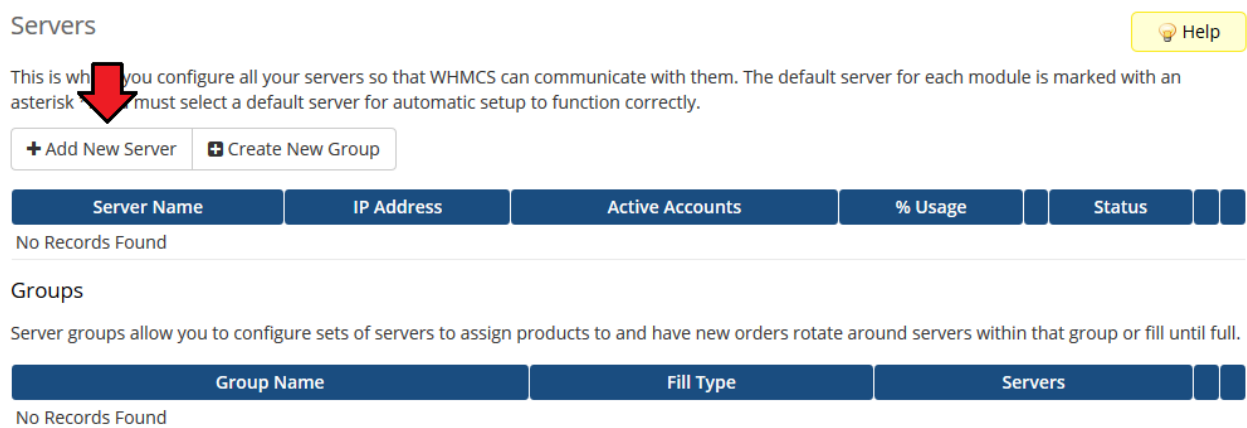
7. If you see the new server creation wizard, click 'Click here' to switch to the previous wizard.

8. Firstly, provide your server name.

Servers

Add Server

Name	VPS Server
Hostname	
IP Address	
Assigned IP Addresses (One per line)	
Monthly Cost	
Datacenter/NOC	
Maximum No. of Accounts	200
Server Status Address	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. https://www.example.com/status/
Enable/Disable	☐ 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	VPS Server ⌄ Test Connection
Username	
Password	······································
Access Hash	
Secure	☑ 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'.

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

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

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 hidd🔻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'.

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 ⑦

[Miami   ⊘]

Product ⑦

[VPS 1024   ⊘]

Template ⑦

[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.

- 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]

Period

Last week

Bandwidth [GB]

- CPU [%]

CPU [%]
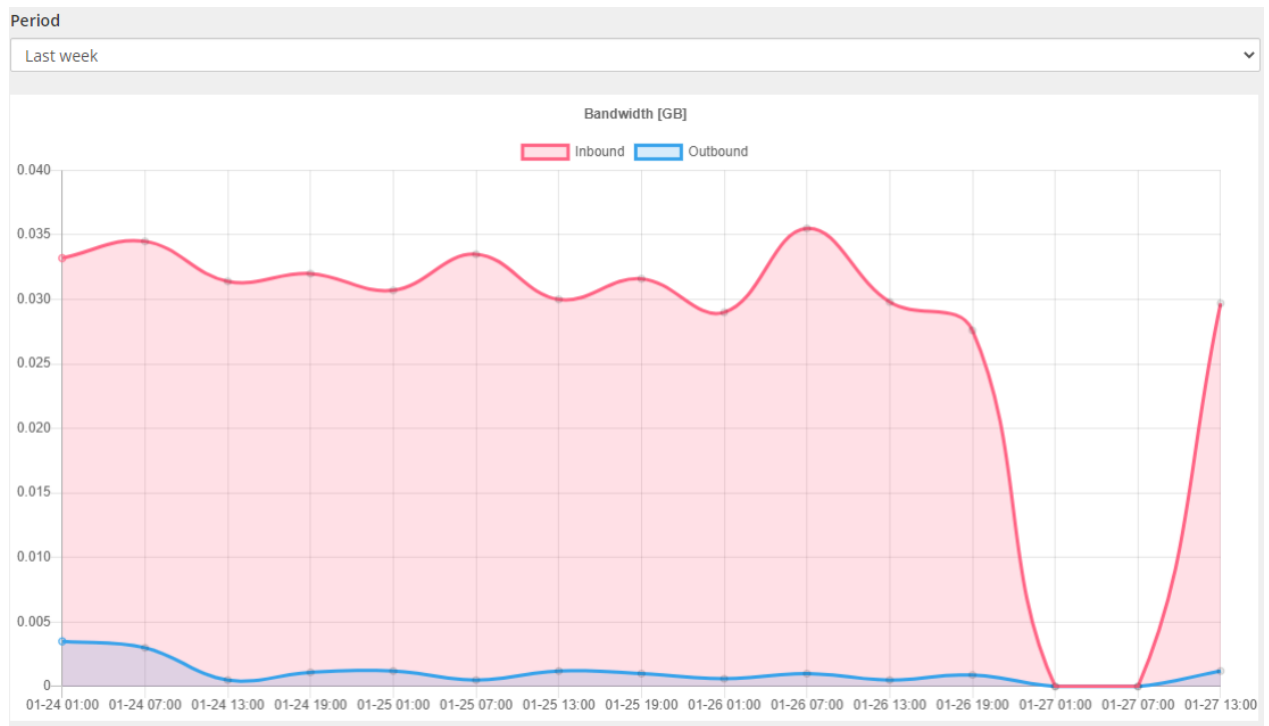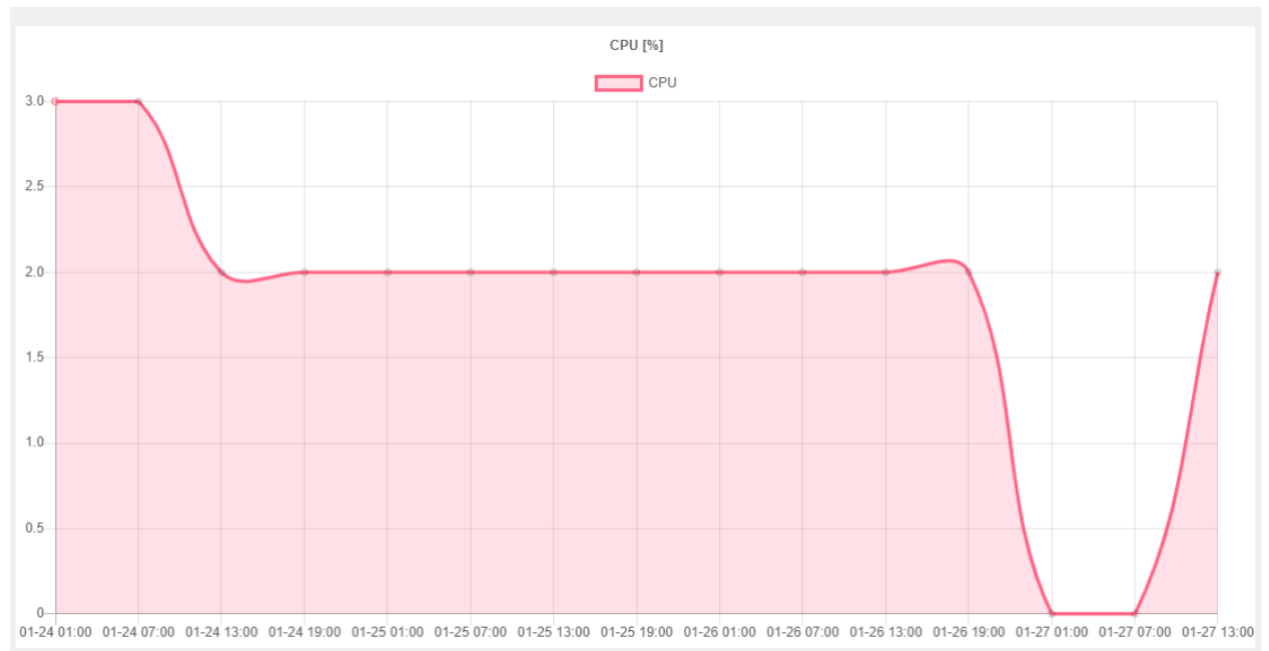
- Average IO per second [p/s]
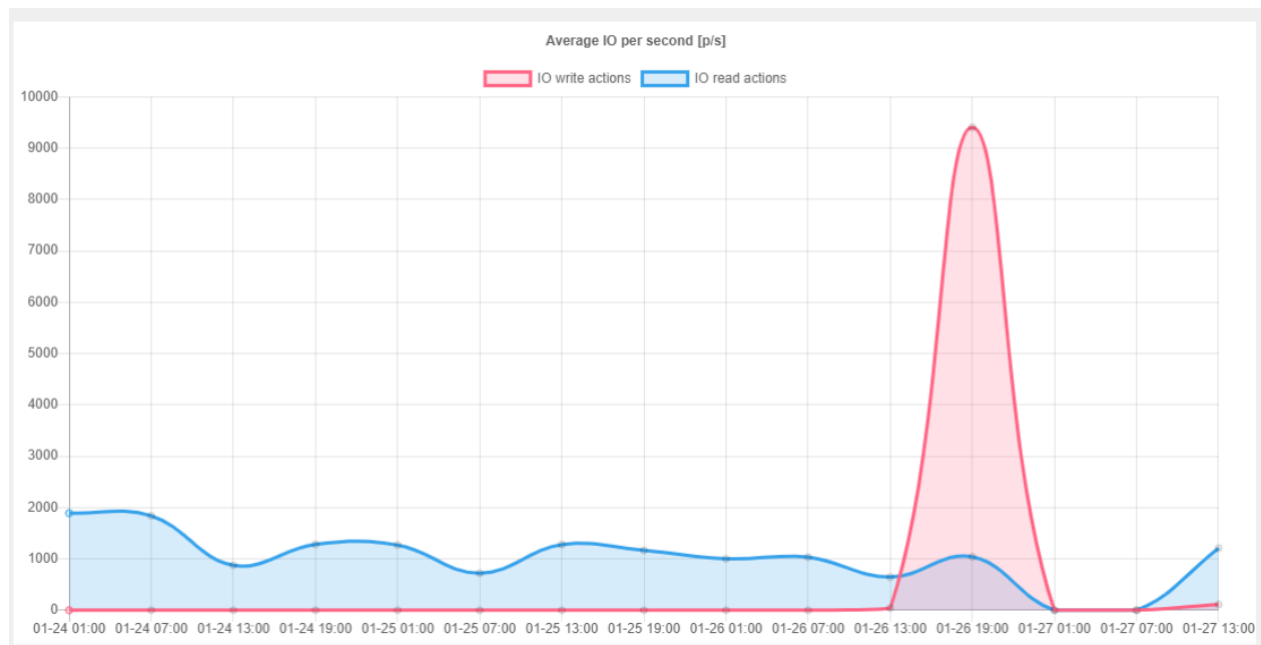
- Average disk data [GB]
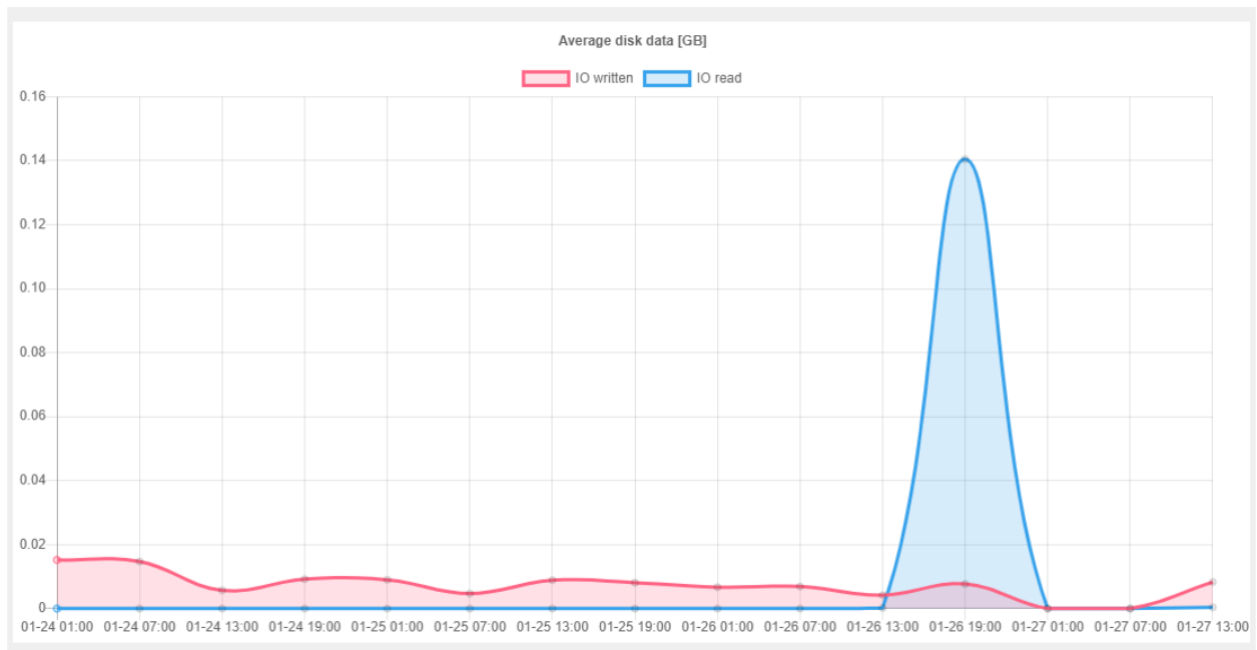
V. Client Area

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

Manage Product

Overview

Information

Actions

Change Password

Manage Server

Change Hostname

Firewalls

Back-Ups

SSH Keys

Graphs

newtest.com

VPS Server

ACTIVE
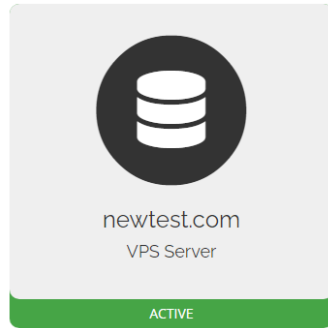
Registration Date

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
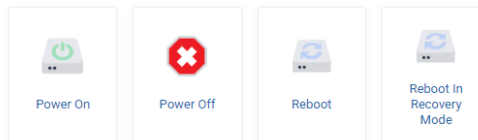
Power On	Power Off	Reboot	Reboot In Recovery Mode

Service Management

Change Hostname	Firewalls	Back-Ups	SSH Keys	Graphs
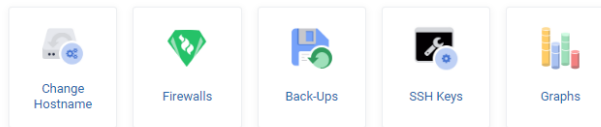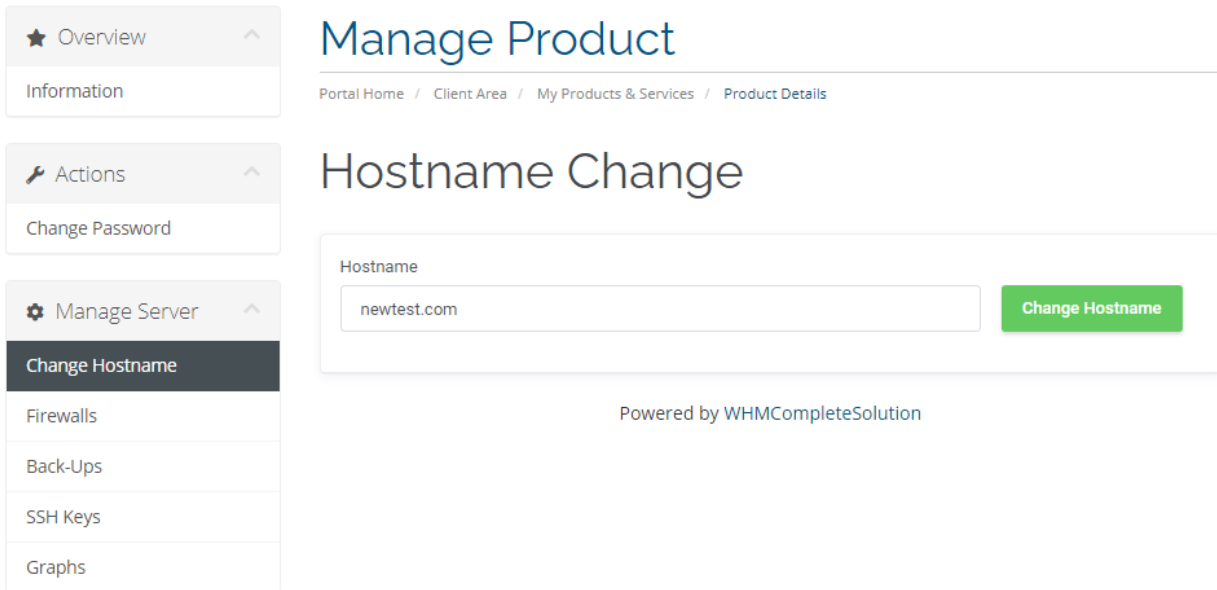
Server Information

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.

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.

Manage Product

Firewalls Management

Overview

Information

Actions

Change Password

Manage Server

Change Hostname

Firewalls

Back-Ups

SSH Keys

Graphs

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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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]

Manage Product

Statistics Graphs

Period

Last 24 Hours ⌄

Bandwidth [GB]

CPU [%]

Average IO per second [p/s]

Average disk data [GB]

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