

Cherryservers.com WHMCS server provisioning addon 1.0

REQUIREMENTS

WHMCS 7.0 or greater

WHMCS six template

INSTALL

- Upload “modules/servers/cherryservers/” to “modules/servers”

SETUP

Create a WHMCS product at setup → products

Select the module “Cherryservers” in the “module name” field

Write your Cherryservers.com API key in the “API Key” field and click the “Save changes” button.

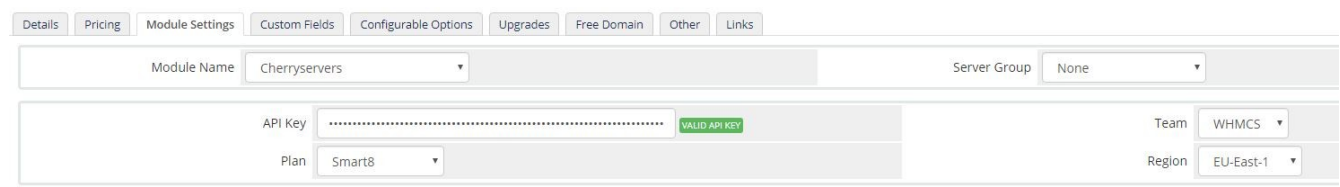
If the API key is invalid, a warning will be displayed:



The screenshot shows the WHMCS product setup interface. At the top, there are tabs: Details, Pricing, Module Settings, Custom Fields, Configurable Options, Upgrades, Free Domain, Other, and Links. The 'Module Settings' tab is active. Below the tabs, there are two rows of input fields. The first row has 'Module Name' set to 'Cherryservers' and 'Server Group' set to 'None'. The second row has 'API Key' set to '****'. To the right of the 'API Key' field, there is a red error message that says 'INVALID API KEY'. Below these fields, there are two radio button options: 'Automatically setup the product as soon as an order is placed' and 'Automatically setup the product as soon as the first payment is received'.

If the API key is valid, a new field will be displayed named “Team”, select a team and click the “Save changes” button.

After the team is selected, two new fields will be displayed, “Plan” and “Region”. Select the plan and region that will be used when the service is provisioned.



The screenshot shows the WHMCS product setup interface after a valid API key has been entered. The 'Module Name' is still 'Cherryservers' and 'Server Group' is 'None'. The 'API Key' field now shows a green success message that says 'VALID API KEY'. Below the 'API Key' field, there are two new fields: 'Plan' and 'Region'. The 'Plan' field is set to 'Smart8'. The 'Region' field is set to 'EU-East-1'. To the right of these fields, there are two more fields: 'Team' and 'Region'. The 'Team' field is set to 'WHMCS' and the 'Region' field is set to 'EU-East-1'.

PRODUCT CUSTOM FIELDS

hostname: OPTIONAL. Used to set the default server hostname.

serverid: REQUIRED. Used to store the server id once provisioned.

os: OPTIONAL. Used to allow your customer to select an operating system in the order form. If created, the field type must be dropdown and the “select options” value :

Ubuntu 18.04 64bit,Ubuntu 16.04 64bit,CentOS 7 64bit,CentOS 6 64bit,Debian 9 64bit,Debian 8 64bit

Note: You can customize the custom fields names using friendly names, more info at https://docs.whmcs.com/Custom_Fields#Friendly_Display_Names .

The screenshot displays the WHMCS Custom Fields configuration interface. It contains three field configuration sections, each with a 'Delete Field' button on the right.

- Field 1:**
 - Field Name: hostname | Hostname
 - Field Type: Text Box
 - Description: The explanation to show users
 - Validation: Regular Expression Validation String
 - Select Options: For Dropdowns Only - Comma Separated List
 - Admin Only: ☐ Required Field: ☒ Show on Order Form: ☒ Show on Invoice: ☐
- Field 2:**
 - Field Name: serverid
 - Field Type: Text Box
 - Description: The explanation to show users
 - Validation: Regular Expression Validation String
 - Select Options: For Dropdowns Only - Comma Separated List
 - Admin Only: ☐ Required Field: ☐ Show on Order Form: ☐ Show on Invoice: ☐
- Field 3:**
 - Field Name: os | Operating System
 - Field Type: Drop Down
 - Description: The explanation to show users
 - Validation: Regular Expression Validation String
 - Select Options: Ubuntu 18.04 64bit,Ubuntu 16.04 64bit,CentOS 7 64bit,CentOS 6 64bit,Debian 9 64bit,Debian 8 64bit
 - Admin Only: ☐ Required Field: ☒ Show on Order Form: ☒ Show on Invoice: ☐

ADMIN SERVICE DETAILS

If the service is active, the server details will be displayed after the “Module Commands” button area.

The screenshot shows the WHMCS Admin Service Details interface. It features a 'Module Commands' section with buttons for 'Create', 'Suspend', 'Unsuspend', 'Terminate', 'Stop Server', and 'Start Server'. Below this, the service status is displayed as 'active'. The power status is 'on'. The image is 'Ubuntu 18.04 64bit', the region is 'EU-East-1', and the plan is 'Smart8'.

Module Commands	Create	Suspend	Unsuspend	Terminate	Stop Server	Start Server
State	active					
Power	on					
Image	Ubuntu 18.04 64bit					
Region	EU-East-1					
Plan	Smart8					

ADMIN COMMANDS

Create: Will provision the service with the product (plan,team,region) and service custom fields(hostname,operating system) settings.

Suspend: Will power off the server and set the service as “suspended”. The client area is not available if suspended/terminated. For automatic service suspend on invoice overdue check https://docs.whmcs.com/Automation_Settings#Enable_Suspension .

Unsuspend: Will power on the server and set the service as “active”. For automatic service unsuspend on invoice payment check https://docs.whmcs.com/Automation_Settings#Enable_Suspension .

Terminate: Will REMOVE the server. For automatic service terminations on invoice overdue check https://docs.whmcs.com/Automation_Settings#Termination_Days

Stop: Will power off the server. The WHMCS service status will not change.

Start: Will power on the server. The WHMCS service status will not change.

CLIENT AREA

Service management

Root password ×
Auto-generated password that will be visible for 24 hours after server deployment: y4Pm4jA9

Hardware		Network	
Cpu	E3-1240 x 3.3 GHz	Primary IP	46.166.161.11
Memory	8GB ECC DDRIII	Network	46.166.161.0/24
Storage	2 x HDD SATAII 2TB 7.200 rpm	Gateway	46.166.161.1
Operating System	Debian 9 64bit	PTR record	
Region	EU-East-1	Bandwidth	1Gbps(10TB Traffic included)
Power	on		

Power off

Restart

Rebuild

Cancel

When the service is provisioned for the first time, the server password will be displayed for 24 hours (same behaviour the cherryservers panel has). Also the server details will be displayed in two different panels.

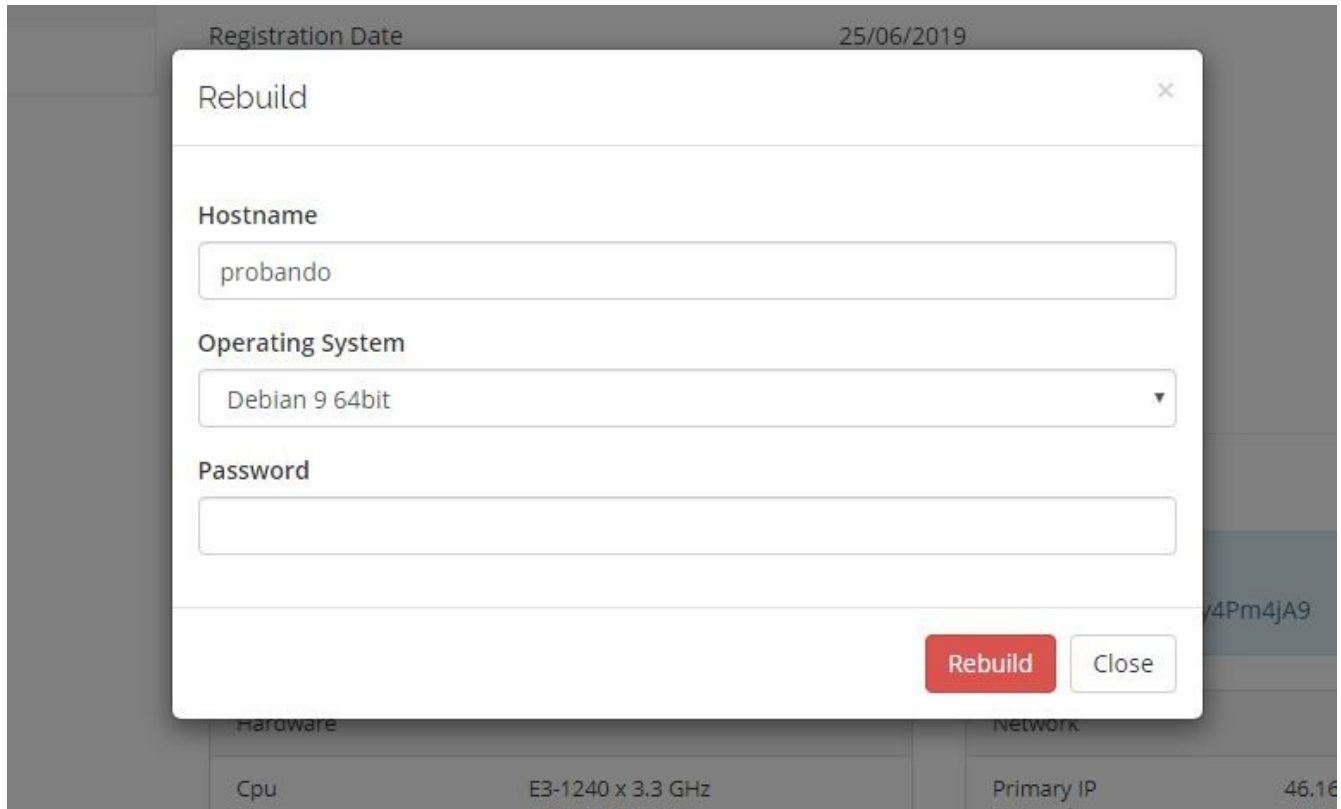
Client area commands:

Power off: Will power off the server if the power status is on.

Power on: Will power on the server if the power status is off.

Restart: Will reboot the server

Rebuild: Open popup with options to rebuild the server with the service product settings and a dropdown to select operating system, new hostname and password.



The image shows a 'Rebuild' modal window overlaid on a server management dashboard. The dashboard background includes a 'Registration Date' of '25/06/2019' and a table with hardware specifications: 'Cpu' is 'E3-1240 x 3.3 GHz' and 'Primary IP' is '46.16...'. The 'Rebuild' form has a title bar with a close button. It contains three input fields: 'Hostname' with the value 'probando', 'Operating System' with a dropdown menu showing 'Debian 9 64bit', and an empty 'Password' field. At the bottom right of the form are two buttons: a red 'Rebuild' button and a white 'Close' button.

Registration Date		25/06/2019
Rebuild		
Hostname		
<input type="text" value="probando"/>		
Operating System		
<input type="text" value="Debian 9 64bit"/>		
Password		
<input type="password"/>		
Rebuild		Close

Hardware		Network	
Cpu	E3-1240 x 3.3 GHz	Primary IP	46.16...

Cancel: Will open the service cancel request form.

If the service is been provisioned, the command buttons will not be displayed but a warning alert:

Service management

Hardware		Network	
Cpu	E3-1240 x 3.3 GHz	Primary IP	46.166.161.11
Memory	8GB ECC DDRIII	Network	46.166.161.0/24
Storage	2 x HDD SATAII 2TB 7.200 rpm	Gateway	46.166.161.1
Operating System	Debian 9 64bit	PTR record	
Region	EU-East-1	Bandwidth	1Gbps(10TB Traffic included)
Power	on		

Rebuild in progress, please wait a few minutes

LANGUAGE

The language files are located in “modules/servers/cherry servers/lang”. English, spanish, french and german languages were added, if the language is not supported english will be used by default.

Note: Additional languages can be added by renaming the files with the language name.

GENERAL NOTES

The cherry servers.com API does not provide access to bandwidth data. That requirement was removed as requested but if the API adds that feature within the first year of support it will be added free of charge.