Vultr

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Sign up at Vultr.com

If you don't already have a Vultr account, please sign up at https://www.vultr.com/?ref=7326387

Supported Features



Management Features

This module supports the following management features within the client area:

- Start, Stop, and Restart the server (VC2 and Bare Metal)
- Reinstall the OS (VC2 and Bare Metal)
 View Server details, including initial password, and if an application has been installed the application details (VC2 and Bare Metal)
- Create and restore snapshots (VC2)
 Create and restore backups (VC2)

Information	Manage VPS 1 - vultrsrvr.blesta.com		
& Actions	Package	Status	
Statistics	VPS 1	Active	
Snapshots	vultrsrvr.blesta.com	Apr 08, 2018	
& Backups	Creation Date Mar 08, 2018	Next Invoice Apr 03, 2018	
← Return to Dashboard	Billing Cycle 1 Month	Recurring Amount \$5.00	
	Actions		
	Ø Cancel Options	Change Configurable Options	

Information	Manage VPS 1 - vultrsrvr.blesta.com		
& Actions	Server Status		
Statistics	Ø Onine ■		
# Caapabata	Actions		
w Shapshots	C Restart	Stop	► Start
🖨 Backups			
	2 Reinstall Template	🕹 Change Template	>_ KVM Console
Beturn to Dashboard			

Information	Manage VPS 1 - vultrsrvr.blesta.com		
¢ Actions	Server Information		
Statistics	Field	Value	
	Operating System	CentOS 7 x64	
© Snapshots	Server RAM	1024 MB	
Backups	Server Disk	Virtual 25 GB	
← Return to Dashboard	Main IP	207.246.99.112	
•	Virtual CPUs	1	
	Location	Los Angeles	
	Default Password	7u[RMbdMv!}rY8\$A	
	Current Bandwidth (in GB)	0	
	Allowed Bandwidth (in GB)	1000	
	IPv4 Netmask	255.255.254.0	
	IPv4 Gateway	207.246.98.1	

Information	Manage VPS 1 - vultrsrvr.blesta.com		
& Actions	Snapshots		
Statistics	There are currently no snapshots.		
Snapshots	Create Spanchat		
& Backups	Description		
← Return to Dashboard	Description		
		+ Create	
Information	Manage VPS 1 - vultrsrvr.blesta.com		
& Actions	Backups		
& Statistics	There are currently no backups.		
Snapshots			
Backups			
← Return to Dashboard			
Upgrade/Downgrade			
Package/Term 1 Month - \$5.00 3 Override Price 3 Coupon Code 3 Vultr SUBID 3 2781/745 3 Template AMP on CentOS 7 x84 Backups Check to add backups (\$2.00) Image: Priorate ? 1	2		
🕑 Use module			
	Subtotal:	\$0.00	
		\$0.00	
		Save	

Manage Service: VPS 1 - vltr.blesta.com				
Basic Options Actions Stat	istics Snapshots Backups			
Server Status				
♥ Online				
Server Actions				
C Restart	Stop	► Start		
C Reinstall Template	🕹 Change Template	>_ KVM Console		

Manage Service: VPS 1 - vltr.blesta.com		
Basic Options Actions Statistics Snapshots	Backups	
Server Information		
Field	Value	
Operating System	Application	
Server RAM	1024 MB	
Server Disk	Virtual 25 GB	
Main IP	207.148.4.11	
Virtual CPUs	1	
Location	Dallas	
Default Password	SOs@CFAKE9q(u=D\$	
Current Bandwidth (in GB)	0	
Allowed Bandwidth (in GB)	1000	
IPv4 Netmask	255.255.254.0	
IPv4 Gateway	207.148.4.1	

Manage Service: VPS 1 - vltr.blesta.com	
Basic Options Actions Statistics Snapshots Backups	
Snapshots	
There are currently no snapshots.	
Create Snapshot	
Description	
Description	
	Create

Manage Service: VPS 1 - vltr.blesta.com		
Basic Options Actions Statistics Snapshots Backups		
Backups		
This server does not have automatic backups enabled or does not support it.		

Installing Vultr

- Visit [Settings] > [Company] > [Modules] > Available.
 Click the "Install" button within the Vultr module listing.

A message will be displayed, indicating that the module was successfully installed. Then click the "Add Account" button.

The module was successfully installed.	×
Manage Vultr	
	Add Account
Accounts	
There are no accounts.	

In your Vultr account, you will find your API Key under [Account] > API. Under Access Control, be sure to add the IP address of your Blesta server. Enter your username and API key in Blesta.

Add Vultr Server		
Basic Settings		
Account Name		
sales@blesta.com		
API Key		
I54QSAA26TSKZQFM7	2342D5APJ98E4NFAKE	
		Add Server
Field Name	Description	
Account Name	Enter the username you use to sign into Vultr	
API Key	Enter your API Key as provided by Vultr.	

Configurable Options Overview

This module supports configurable options which may alter the provisioning of Vultr instances. Configurable Options override any matching Package settings.

Not Required

Configurable Options are not required, and this list in no way limits the Configurable Options that can be created. However, only the following Configurable Options can alter the way Vultr instances are provisioned.

Option Name	Possible Values	Recommended Field Type	Description
enable_backup	enable	Checkbox	Determines whether backups should be enabled for the instance.
Permanent Disable			

Permaner

When the "enable_backup" config option is switched from enabled to disabled Vultr will not allow it to be re-enabled. It will be disabled permanently.

Creating Configurable Options

The following steps describe how to create configurable options. This section describes the following:

- 1. Creating a Configurable Option Group
- 2. Creating Configurable Options, and assigning them to the Group (repeat this step as necessary to create all Configurable Options required)

Creating an Option Group

To create a Configurable Option Group, visit [Packages] > Options, and click the "Create Group" button.

New Package Option Group			
Basic			
Name Xultr Options Description Xultr Configurable Options			
Package Membership ?			
Member Packages	Available Packages Test Package 2 Test Package 2 U Test Product 2 U Test Product 2 U Test Product 2 U Test Product 3		
			Create Group

Field Name	Description
Name	Enter a name for this group.
Description	Enter a description for this group (optional).
Package Membership	Leave this section blank, we will add the options to the group when creating the options instead. If you have already created the options, you may add them to the group on this step.

After filling out these options, click the "Create Group" button to create the Option Group.

Creating a Configurable Option

To create a Configurable Option, visit [Packages] > Options, and click the "Create Option" button.

New Package Option						
Basic						
Label						
Backups	?					
Name						
enable_backup	2					
Туре						
Checkbox 2						
🗹 Client can Add						
🗹 Client can Edit						
Options						
Name ?			Value ?			Options
Check to add backups			enable			Delete
Pricing						
Term ?	Period	Currency	Price	Setup Fee	Options	
1	Month ᅌ		2.00	0.00	Add, Delete	
Group Membership						
Member Groups	Availa	ble Groups				
Vultr Options						
	<					

Field Name	Description
Label	Enter a label, which will appear above or next to this form field.
Name	Enter a name, which is the form field name. (Important! This should match an Option Name described above. The module requires specific naming.)
Туре	Select the field type from "Checkbox", "Radio", "Drop-down", and "Quantity".
Options Section	Set pricing information within the Options section. The fields required here may vary depending on the "Type" selected above.
Group Membership Section	Add this Configurable Option to the previously created Option Group by moving the Group from the right to the left in the multi- select box.

After filling out these options, click the "Create Package Option" button to create the Option. Repeat as necessary to create all of the configurable options you wish to make available to the client during checkout.

Sample Configurable Options

The following are sample configurations for each of the supported configurable options listed above, and may serve as good examples for getting started.

Option Name Sample Configuration Screenshot (Click for full size)	
---	--

enable_backup	New Package Option						
	Basic						
	Label 2 Bachups 2 Name enable_bachup 2 Type 2 Checkbox C 2						
	Options						
	Name ?			Value ?			Options
	Check to add backups			enable			Delete
	Pricing						
	Term ?	Period	Currency	Price	Setup Fee	Options	
	1	Month ᅌ	USD	2.00	0.00	Add, Delete	
	Group Membership						
	Member Groups Vultr Options	Available G	iroups				
							Create Package Option

Creating Packages

Packages define the pricing, welcome email, module and more. Packages can be assigned to Package Groups, and added to Order Forms. To create a Package, visit [Packages] > Browse, and click the "Create Package" button.

Creating a Package consists of several sections:

Basic

The Basic section consists of the following options:

New Package	
Basic	
Package Name VPS 1 Status Active 0	
Quantity Available Unlimited Vocument	
← Configurable Options Member Groups Will'r Options	Available Groups
Module Vultr	

Field Name	Description
Package Name	Enter the name of this Package, it will be visible wherever services are listed and on any order forms.
Status	"Active" is the default, "Inactive", and "Restricted" are also available.
Quantity Available	If this Package has a limited quantity available, enter the quantity, or leave it as "Unlimited".
Description	Enter a Description for this Package. HTML is allowed, and descriptions appear on order forms.
Configurable Options	A Configurable Option Group may be selected if previously created.
Module	Select "Vultr" for the module.

Module Options

The Module Options section consists of the following options, which are specific to Vultr:

dule Options	
up - Plase Solect 😒	
ount ales@blesta.com 🕞	
ver Type Irtual Machine	
Ver Plan 024 MB RAN.25 GB SSD.1.00 TB BW	
Template Select a template 📀 Let client set template	
charge Templates Allow Surcharge Templates 오 Disallow Surcharge Templates	

Field Name	Description
Group	Groups are not supported by this module.
Account	Select the Vultr account this package will use to provision accounts. It's possible to have multiple Vultr accounts through the module.
Server Type	Select the server type you would like to provision. "Virtual Machine" and "Bare Metal" are supported.
Server Plan	Select the size of the server you would like to use for this Package.
Set Template	You can preselect an OS template for the package, or you can choose to let the client select the template during checkout.
Surcharge Templates	Some templates may incur a surcharge. You can allow or disallow these type of OS templates. Surcharge Templates As of April 5, 2019 the only templates designated by the Vultr API as surcharge are: "Windows 2012 R2 x64", and "Windows 2016 x64"

Pricing

Pricing						
						Add Additional Price
Term	Period	Currency	Price	Setup Fee	Cancellation Fee	Options
1	Month ᅌ	USD ᅌ	5.00	0.00	0.00	Remove
Taxable						
Cancel at end of term						

Enable Pro rata

Field Name	Description
Term	Enter the term for the desired pricing option. For example, if you wish to create a 3 month pricing option, enter 3 here.
Period	Select the period for this pricing option. "Day", "Week", "Month", "Year", and "One time" are options. The client will be invoiced every "term period", for example every 3 months if 3 is entered for term, and Month is selected for period.
Currency	Select the currency this pricing option is available for.
Price	Enter the price for this pricing option.
Setup Fee	If there is a setup fee, enter it here.
Cancella tion Fee	If there is a fee to cancel early, enter it here.

Click the "Add Additional Price" to add more pricing options. It's common for people to create 1 Month, 3 Month, 6 Month, and 1 Year price options. There are many possible combinations.

Welcome Email

Welcome Email
Tags:
(client.id, (client.id, code) (client.first_name) (client.last_name) {pricing_term) {pricing_period} {pricing_currency} {pricing_price} {pricing_setup_fee} {pricing_cancel_fee} {package_server_type} {service_vultr_hostname} {service_vultr_hostnam
English, US
HTML Text
D Source Q D I= II
B <u>I</u> <u>U</u> <u>S</u> x ₂ x ² <u>I</u> _k Styles • Normal • Font • Size • <u>A</u> • <u>D</u> •
Thanks for choosing us for your VPSI Your server (service.vultr_hostname) is now being spun up and you can manage it through our client area by clicking the "Manage" button next to the server on your Dashboard. The initial password can be found under the "Statistics" section. It may take a few minutes for the server to finish booting.
body p

The "Tags" section describes tags that may be used in the welcome email. The welcome email content is inserted into the "Service Creation" email template under [Settings] > [Company] > [Emails] > Service Creation. Only details unique to this service should be entered into the welcome email section for the package.

Sample Email

This sample email could be used in the Package Welcome Email section to help you get started. Be sure to enter content for your welcome email in both the HTML and Text sections.

```
Thanks for choosing us for your VPS!
Your server {service.vultr_hostname} is now being spun up and you can manage it through our client area by
clicking the "Manage" button next to the server on your Dashboard. The initial password can be found under the
"Statistics" section. It may take a few minutes for the server to finish booting.
```

When creating or editing a package that uses this module, the following tags will be available:

Tags	Description	Notes
{service.vultr_hostname}	The host name of the Vultr server.	e.g. "vultr.domain.com".
{service.vultr_location}	The location of the Vultr server.	The Vultr server location.

Due to the nature of tag objects containing several fields, many of which are likely irrelevant for use in email templates, but may be useful to you in certain circumstances, a dump of the tags are shown below.

The {package} object

```
stdClass Object
        (
           [id] => 7
           [id_format] => {num}
           [id_value] => 7
            [module_id] => 3
            [name] => VPS 1
            [description] =>
           [description_html] =>
           [qty] =>
            [module_row] => 2
            [module_group] =>
            [taxable] => 0
            [single_term] => 0
            [status] => active
            [company_id] => 1
            [prorata_day] =>
            [prorata_cutoff] =>
            [id_code] => 7
            [email_content] => Array
                (
                    [0] => stdClass Object
                        (
```

```
[lang] => en_us
[html] => Thanks for choosing us for your VPS!
```

Your server {service.vultr_hostname} is now being spun up and you can manage it through our client area by clicking the "Manage" button next to the server on your Dashboard. The initial password can be found under the "Statistics" section. It may take a few minutes for the server to finish booting.

[text] => Thanks for choosing us for your VPS!

Your server {service.vultr_hostname} is now being spun up and you can manage it through our client area by clicking the "Manage" button next to the server on your Dashboard. The initial password can be found under the "Statistics" section. It may take a few minutes for the server to finish booting.

```
)
[pricing] => Array
   (
       [0] => stdClass Object
           (
               [id] => 13
               [pricing_id] => 14
                [package_id] => 7
                [term] => 1
                [period] => month
                [price] => 5.0000
                [setup_fee] => 0.0000
                [cancel_fee] => 0.0000
                [currency] => USD
            )
   )
[meta] => stdClass Object
   (
       [baremetal_plan] => 100
       [server_plan] => 201
       [server_type] => server
       [set_template] => client
       [surcharge_templates] => disallow
       [template] => os-127
   )
[groups] => Array
   (
       [0] => stdClass Object
            (
                [id] => 4
                [name] => Cloud VPS
                [description] =>
                [type] => standard
                [company_id] => 1
                [allow_upgrades] => 1
            )
   )
[option_groups] => Array
   (
       [0] => stdClass Object
           (
               [id] => 1
                [name] => Vultr Options
               [description] => Vultr Configurable Options
            )
   )
[baremetal_plan] => 100
```

)

```
[server_plan] => 201
[server_type] => server
[set_template] => client
[surcharge_templates] => disallow
[template] => os-127
```

The {service} object

)

```
stdClass Object
       (
           [id] => 4
           [parent_service_id] =>
            [package_group_id] => 4
           [id_format] => {num}
           [id_value] => 4
           [pricing_id] => 13
            [client_id] => 1
            [module_row_id] => 2
            [coupon_id] =>
            [qty] => 1
            [override_price] =>
           [override_currency] =>
            [status] => active
            [date_added] => 2018-03-08 21:11:28
            [date_renews] => 2018-04-08 21:11:28
            [date_last_renewed] =>
            [date_suspended] =>
            [date_canceled] =>
            [id_code] => 4
            [fields] => Array
               (
                   [0] => stdClass Object
                        (
                            [key] => vultr_dns_domains
                            [value] => Array
                               (
                               )
                            [serialized] => 1
                            [encrypted] => 0
                       )
                    [1] => stdClass Object
                       (
                            [key] => vultr_enable_ipv6
                            [value] => disable
                           [serialized] => 0
                           [encrypted] => 0
                        )
                    [2] => stdClass Object
                       (
                            [key] => vultr_hostname
                           [value] => vltr.blesta.com
                           [serialized] => 0
                           [encrypted] => 0
                        )
                    [3] => stdClass Object
                       (
                           [key] => vultr_location
                           [value] => 3
                           [serialized] => 0
                           [encrypted] => 0
                        )
                    [4] => stdClass Object
                       (
```

```
[key] => vultr_snapshots
               [value] => Array
                   (
                   )
               [serialized] => 1
               [encrypted] => 0
           )
       [5] => stdClass Object
           (
               [key] => vultr_subid
               [value] => 14027745
               [serialized] => 0
               [encrypted] => 0
           )
       [6] => stdClass Object
           (
               [key] => vultr_template
                [value] => app-41
               [serialized] => 0
               [encrypted] => 0
           )
   )
[package_pricing] => stdClass Object
   (
       [id] => 13
       [package_id] => 7
       [pricing_id] => 14
       [term] => 1
       [period] => Month
       [price] => 5.0000
       [setup_fee] => 0.0000
       [cancel_fee] => 0.0000
       [currency] => USD
   )
[package] => stdClass Object
   (
       [id] => 7
       [id_format] => {num}
       [id_value] => 7
       [module_id] => 3
       [name] => VPS 1
       [description] =>
       [description_html] =>
       [qty] =>
       [module_row] => 2
       [module_group] =>
       [taxable] => 0
       [single_term] => 0
       [status] => active
       [company_id] => 1
       [prorata_day] =>
       [prorata_cutoff] =>
   )
[options] => Array
  (
   )
[name] => vltr.blesta.com
[vultr_dns_domains] => Array
   (
   )
[vultr_enable_ipv6] => disable
[vultr_hostname] => vltr.blesta.com
```

```
[vultr_location] => 3
[vultr_snapshots] => Array
   (
   )
  [vultr_subid] => 14027745
[vultr_template] => app-41
)
```

Group Membership

Group Membership		
A package must belong to at least one grou	up to be usable.	
🔵 Select from Available Groups 💽 Create a New G	Group	
Standard Package Group Name		
Cloud VPS		
		Create Package

If this is the first Package you are creating with this module, select the "Create a New Group" option, and enter a Group name. If you are adding a subsequent Package and wish for it to be part of the same group, select "Select from Available Groups", and move the group from the right to the left of the multi-select box.

When finished, click "Create Package" to create this package.

Final Steps

The only thing left to do is to add this Package Group to an order form so clients may place orders for your Vultr servers. See Creating an Order Form for more details.