

VPSBlocks WHMCS Reseller Module

VPSBlocks provides a module for WHMCS specifically for resellers. For information on signing up as a reseller of VPSBlocks please visit <http://www.vpsblocks.com.au/Reselling.aspx>

The Module installs simply into WHMCS and allows for automatic ordering, suspending, unsuspending and cancelling of products.

You should provide your clients with the following URLs to manage their VPS and check Bandwidth:

- <https://portal.controlmyvps.com.au>
- <https://portal.controlmyvps.com.au/Bandwidth/>

The module is unencrypted so if you wish to setup links within WHMCS for your clients to automatically go to the portal URLs above this is very easy to do.

Installing the WHMCS Module

Download the WHMCS module at http://www.vpsblocks.com.au/VPSBlocks_WHMCS_v11.zip

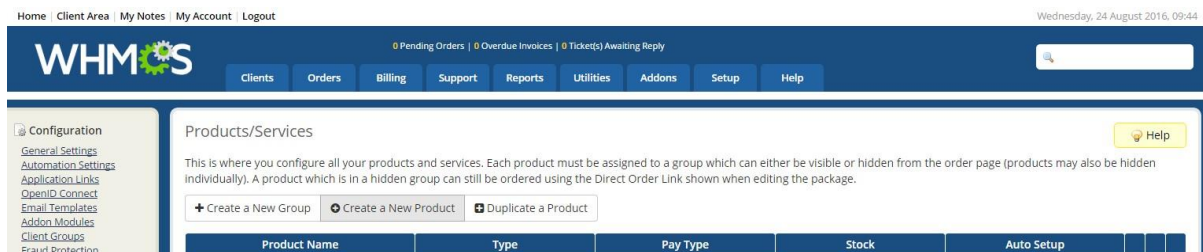
Unzip the file.

Copy the 'modules' directory into the root of your WHMCS installation. This will install the server module for VPSBlocks.

Go to your WHMCS Admin area.

Go to 'Setup' -> Products/Services -> Products/Services

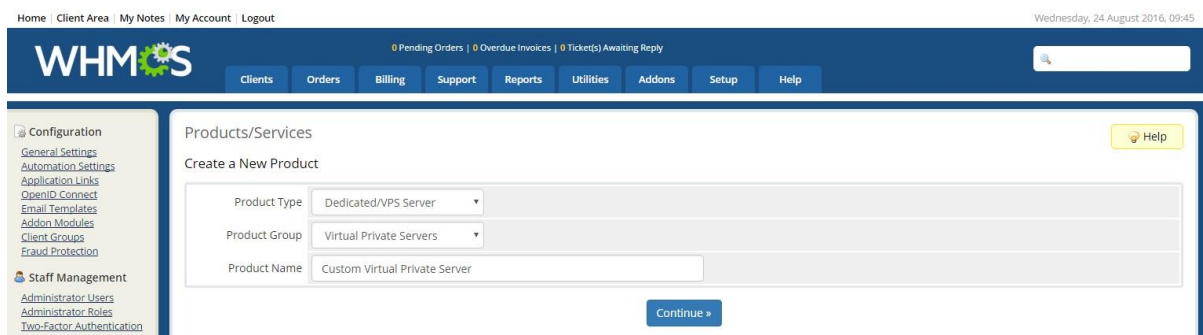
Click 'Create a New Product'



The screenshot shows the WHMCS Admin interface. At the top, there is a navigation bar with the WHMCS logo and a search bar. Below the navigation bar, there are several tabs: Clients, Orders, Billing, Support, Reports, Utilities, Addons, Setup, and Help. The main content area is titled 'Products/Services' and contains a description: '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.' Below the description, there are three buttons: '+ Create a New Group', '+ Create a New Product', and '+ Duplicate a Product'. At the bottom, there is a table with columns: Product Name, Type, Pay Type, Stock, and Auto Setup.

Fill out the following:

- Type: Dedicated/VPS Server
- Product Group: Virtual Private Servers
- Product Name: Anything you like e.g. Custom VPS



The screenshot shows the WHMCS Admin interface with the 'Create a New Product' form. The form has three fields: 'Product Type' with a dropdown menu set to 'Dedicated/VPS Server', 'Product Group' with a dropdown menu set to 'Virtual Private Servers', and 'Product Name' with a text input field containing 'Custom Virtual Private Server'. A 'Continue >' button is located at the bottom right of the form.

Click 'Continue'

Now fill out the product 'Details' tab

Ensure 'Require Domain' is checked

The screenshot shows the WHMCS 'Edit Product' form in the 'Details' tab. The 'Require Domain' checkbox is checked. The 'Product Name' is 'Custom Virtual Private Server'. The 'Product Description' field is empty. The 'Welcome Email' is set to 'Dedicated/VPS Server Welcome Email'. The 'Stock Control' is set to 'Enable - Quantity in Stock: 0'. The 'Apply Tax' checkbox is unchecked. The 'Featured', 'Hidden', and 'Retired' checkboxes are also unchecked. The 'Save Changes' and 'Cancel Changes' buttons are visible at the bottom.

Click on the 'Pricing' tab

Set 'Payment Type' to 'Recurring'

Under the One Time/Monthly column set the Price to 0.00 and click 'Enable'. You can set a monthly base price here if you like for example \$5.00.

Set the 'Termination Email' if you have one created.

If this is your first time using WHMCS remember to set your currency correctly in the Setup -> Payments -> Currencies

The screenshot shows the WHMCS 'Edit Product' form in the 'Pricing' tab. The 'Payment Type' is set to 'Recurring'. The 'Currency' is 'USD'. The 'Setup Fee' and 'Price' are both set to 0.00. The 'Enable' checkbox for the 'One Time/Monthly' column is checked. The 'Allow Multiple Quantities' checkbox is unchecked. The 'Recurring Cycles Limit' is set to 0. The 'Auto Terminate/Fixed Term' is set to 0. The 'Termination Email' is set to 'None'. The 'Prorate Billing' checkbox is unchecked. The 'Prorate Date' is set to 0. The 'Charge Next Month' is set to 0. The 'Save Changes' and 'Cancel Changes' buttons are visible at the bottom.

Click on the 'Module Settings' tab

Set the Module Name to VPS Blocks

Enter your VPSBlocks account email and password.

Set your billing cycle to pay VPSBlocks (usually monthly)

Set your default payment method (credit card allows for immediate provisioning once your client makes payment, while the other options will require you to pay invoices manually before provisioning occurs)

Set to 'Automatically setup the product as soon as the first payment is received'

You can also set the module to 'Test mode' so no actual orders are placed.

The screenshot shows the WHMOS interface with the 'Edit Product' page. The 'Module Settings' tab is selected. A yellow notification banner at the top says 'Changes Saved Successfully! Your changes have been saved.' Below this, the 'Module Name' is set to 'VPS Blocks' and 'Server Group' is 'None'. The 'Email' field contains 'joebloggs@gmail.com' and the 'Password' field is masked with dots. The 'Billing Cycle' is set to 'Monthly' and the 'Payment Method' is 'Credit Card'. The 'Test Mode' is set to 'Off'. At the bottom, there are four radio button options for automatic setup: 'Automatically setup the product as soon as an order is placed', 'Automatically setup the product as soon as the first payment is received' (which is selected), 'Automatically setup the product when you manually accept a pending order', and 'Do not automatically setup this product'. 'Save Changes' and 'Cancel Changes' buttons are at the bottom right.

Now click on the 'Upgrades' tab

Make sure you check the box 'Configurable Options'

Click 'Save'.

The screenshot shows the WHMOS interface with the 'Edit Product' page. The 'Upgrades' tab is selected. The 'Packages Upgrades' section is empty. Below it, the 'Configurable Options' checkbox is checked. The 'Upgrade Email' dropdown is set to 'None'. 'Save Changes' and 'Cancel Changes' buttons are at the bottom right.

Lastly go to the 'Other' tab. In here enter a subdomain option for your clients to setup a VPS with the name something.yourhostingcompany.com.

For example we use a domain 'ssdhosts.com.au' which clients can use when naming their VPS if they don't want to use or don't have their own domain name.

Products/Services Help

Edit Product

Details Pricing Module Settings Custom Fields Configurable Options Upgrades Free Domain **Other** Links

Custom Affiliate Payout Use Default Percentage Fixed Amount No Commission

Affiliate Pay Amount One Time Payout (Default is Recurring)

Subdomain Options Enter in the format .example.com (comma separated list supported for multiple options)

This is where you can specify files that are granted access to by purchasing this product.

Associated Downloads

| Available Files | Selected Files |
|-----------------|----------------|
| | |

Overages Billing Tick to Enable

Soft Limits Disk Usage MB Bandwidth MB

Overage Costs Disk Usage Bandwidth (Price Per Unit Over Above)

Click 'Save Changes'

Now we need to create the configurable options for the VPS.

Go to Setup -> Products/Services -> Configurable Options

Click 'Create a New Group'

Home | Client Area | My Notes | My Account | Logout Wednesday, 24 August 2016, 09:53

WHM 0 Pending Orders | 0 Overdue Invoices | 0 Tickets Awaiting Reply

Clients Orders Billing Support Reports Utilities Addons Setup Help

Configuration Help

- General Settings
- Automation Settings
- Application Links
- OpenID Connect
- Email Templates
- Addon Modules
- Client Groups
- Fraud Protection

Staff Management

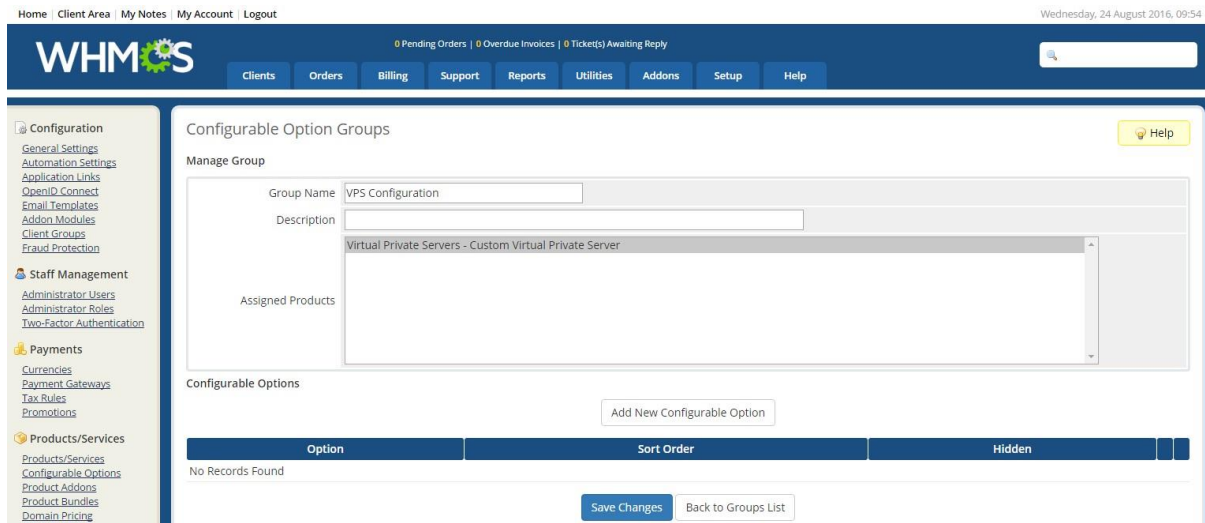
Configurable Option Groups

Configurable options allow you to offer addons and customisation options with your products. Options are assigned to groups and groups can then be applied to products.

| Group Name | Description |
|------------------|-------------|
| No Records Found | |

Give it a name e.g. VPS Configuration

Ensure the VPS product you created earlier is assigned by highlighting it and clicking 'Save Changes'.



The screenshot shows the WHMOS interface for managing Configurable Option Groups. The page title is "Configurable Option Groups" and it includes a "Help" button. The "Manage Group" section shows the "Group Name" as "VPS Configuration" and the "Description" as "Virtual Private Servers - Custom Virtual Private Server". The "Assigned Products" section is currently empty. Below this, there is a table for "Configurable Options" with columns for "Option", "Sort Order", and "Hidden". The table currently contains no records. At the bottom of the page, there are buttons for "Add New Configurable Option", "Save Changes", and "Back to Groups List".

Now click 'Add New Configurable Option'

Option Name: OS|Operating System

Option Type: Dropdown

Add each of the available operating systems to the list and price accordingly:

- Windows 2012 R2 Std (64bit)
- Windows 2008 R2 Std (64bit)
- Windows 2003 R2 Std (64bit)
- Windows 2003 R2 Std (32bit)
- CentOS 6 (64bit)
- CentOS 6 (32bit)
- Fedora 23 (64bit)
- Debian 7 (64bit)
- Debian 8 (64bit)
- Ubuntu 16 (64bit)
- Ubuntu 14 Desktop (64bit)
- Ubuntu 14 (64bit)
- Ubuntu 12 (64bit)
- Linux Mint 17 (64bit)
- CentOS 6 + cPanel (64bit)
- CentOS 6 + Plesk (64bit)
- CloudLinux + cPanel (64bit)
- CentOS 7 + cPanel (64bit)
- CentOS 7 (64bit)

Configurable Options

Option Name: OS| Operating System Option Type: Dropdown

| Options | | | One Time/ Monthly | Quarterly | Semi-Annual | Annual | Biennial | Triennial | Order | Hide |
|-----------------------------|-----|---------|----------------------|-----------|-------------|--------|----------|-----------|-------|--------------------------|
| Windows 2012 R2 Std (64bit) | USD | Setup | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | <input type="checkbox"/> |
| | | Pricing | 5.00 | 0.00 | 30.00 | 60.00 | 0.00 | 0.00 | | |
| Windows 2008 R2 Std (64bit) | USD | Setup | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | <input type="checkbox"/> |
| | | Pricing | 5.00 | 0.00 | 30.00 | 60.00 | 0.00 | 0.00 | | |
| Windows 2003 R2 Std (64bit) | USD | Setup | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | <input type="checkbox"/> |
| | | Pricing | 5.00 | 0.00 | 30.00 | 60.00 | 0.00 | 0.00 | | |
| Windows 2003 R2 Std (32bit) | USD | Setup | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | <input type="checkbox"/> |
| | | Pricing | 5.00 | 0.00 | 30.00 | 60.00 | 0.00 | 0.00 | | |
| CentOS 6 (64bit) | USD | Setup | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | <input type="checkbox"/> |
| | | Pricing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| CentOS 6 (32bit) | USD | Setup | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | <input type="checkbox"/> |
| | | Pricing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| Fedora 23 (64bit) | USD | Setup | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | <input type="checkbox"/> |
| | | Pricing | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |

Then add a new configurable option

- Option Name: CPU|CPU
- Option Type: Quantity
- Minimum Quantity Required: 1
- Maximum Allowed: 24
- Create the option called: CORE(S)
- Add your own pricing

[admin/configproductoptions.php?manageoptions=true&cid=2012](#)

Configurable Options

Option Name: CPU|CPU Option Type: Quantity

Minimum Quantity Required: 1 Maximum Allowed: 24 (Set to 0 for Unlimited)

| Options | | | One Time/ Monthly | Quarterly | Semi-Annual | Annual | Biennial | Triennial | Order | Hide |
|---------|-----|---------|----------------------|-----------|-------------|--------|----------|-----------|-------|--------------------------|
| CORE(S) | USD | Setup | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | <input type="checkbox"/> |
| | | Pricing | 7.50 | 0.00 | 45.00 | 90.00 | 0.00 | 0.00 | | |

Write down the CID number displayed in the address bar for CPU, you will need this later.

Then add a new configurable option

- Option Name: RAM|RAM
- Option Type: Quantity
- Minimum Quantity Required: 512
- Maximum Allowed: 24576
- Create the option called: MB
- Add your own pricing

Configurable Options

Option Name: Option Type:

Minimum Quantity Required: Maximum Allowed: (Set to 0 for Unlimited)

| Options | | One Time/ Monthly | Quarterly | Semi-Annual | Annual | Biennial | Triennial | Order | Hide |
|---------------------------------|-----|----------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| <input type="text" value="MB"/> | USD | Setup | <input type="text" value="0.00"/> | <input type="text" value="0.00"/> | <input type="text" value="0.00"/> | <input type="text" value="0.00"/> | <input type="text" value="0.00"/> | <input type="text" value="0"/> | <input type="checkbox"/> |
| | | Pricing | <input type="text" value="0.02"/> | <input type="text" value="0.00"/> | <input type="text" value="0.12"/> | <input type="text" value="0.24"/> | <input type="text" value="0.00"/> | <input type="text" value="0.00"/> | |

Write down the CID number displayed in the address bar for RAM, you will need this later.

Then add a new configurable option

- Option Name: SSD|SSD Disk
- Option Type: Quantity
- Minimum Quantity Required: 10
- Maximum Allowed: 1000
- Create the option called: GB
- Add your own pricing

Configurable Options

Option Name: Option Type:

Minimum Quantity Required: Maximum Allowed: (Set to 0 for Unlimited)

| Options | | One Time/ Monthly | Quarterly | Semi-Annual | Annual | Biennial | Triennial | Order | Hide |
|---------------------------------|-----|----------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| <input type="text" value="GB"/> | USD | Setup | <input type="text" value="0.00"/> | <input type="text" value="0.00"/> | <input type="text" value="0.00"/> | <input type="text" value="0.00"/> | <input type="text" value="0.00"/> | <input type="text" value="0"/> | <input type="checkbox"/> |
| | | Pricing | <input type="text" value="0.5"/> | <input type="text" value="0.00"/> | <input type="text" value="3.00"/> | <input type="text" value="6.00"/> | <input type="text" value="0.00"/> | <input type="text" value="0.00"/> | |

Write down the CID number displayed in the address bar for SSD Disk, you will need this later.

Then add a new configurable option

- Option Name: SATA|SATA Disk
- Option Type: Quantity
- Minimum Quantity Required: 0
- Maximum Allowed: 1000
- Create the option called: GB
- Add your own pricing

Configurable Options

Option Name: Option Type:

Minimum Quantity Required: Maximum Allowed: (Set to 0 for Unlimited)

| Options | | One Time/ Monthly | Quarterly | Semi- Annual | Annual | Biennial | Triennial | Order | Hide |
|---------------------------------|-----|----------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------------|--------------------------|
| <input type="text" value="GB"/> | USD | Setup | <input type="text" value="0.00"/> | <input type="text" value="0.00"/> | <input type="text" value="0.00"/> | <input type="text" value="0.00"/> | <input type="text" value="0.00"/> | <input type="text" value="0"/> | <input type="checkbox"/> |
| | | Pricing | <input type="text" value="0.25"/> | <input type="text" value="0.00"/> | <input type="text" value="1.50"/> | <input type="text" value="3.00"/> | <input type="text" value="0.00"/> | | |

Write down the CID number displayed in the address bar for SATA Disk, you will need this later.

Then add a new configurable option

- Option Name: ExtraBandwidth|Extra Bandwidth
- Option Type: Quantity
- Minimum Quantity Required: 0
- Maximum Allowed: 0
- Create the option called: GB
- Add your own pricing

Configurable Options

Option Name: Option Type:

Minimum Quantity Required: Maximum Allowed: (Set to 0 for Unlimited)

| Options | | One Time/ Monthly | Quarterly | Semi-Annual | Annual | Biennial | Triennial | Order | Hide |
|---------------------------------|-----|----------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|--------------------------------|--------------------------|
| <input type="text" value="GB"/> | USD | Setup | <input type="text" value="0.00"/> | <input type="text" value="0.00"/> | <input type="text" value="0.00"/> | <input type="text" value="0.00"/> | <input type="text" value="0.00"/> | <input type="text" value="0"/> | <input type="checkbox"/> |
| | | Pricing | <input type="text" value="0.50"/> | <input type="text" value="0.00"/> | <input type="text" value="3.00"/> | <input type="text" value="6.00"/> | <input type="text" value="0.00"/> | | |

Then add a new configurable option

- Option Name: Backup|Managed Backup
- Option Type: Yes/No
- Create the option called: Yes
- Add your own pricing

Configurable Options

Option Name: Option Type:

| Options | | One Time/ Monthly | Quarterly | Semi-Annual | Annual | Biennial | Triennial | Order | Hide |
|---------|-----|----------------------|-----------|-------------|--------|----------|-----------|-------|------|
| Yes | USD | Setup | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | ☐ |
| | | Pricing | 20.00 | 0.00 | 120.00 | 240.00 | 0.00 | 0.00 | |

Then add a new configurable option

- Option Name: OffsiteBackup|Offsite Backup
- Option Type: Yes/No
- Create the option called: Yes
- Add your own pricing

Configurable Options

Option Name: Option Type:

| Options | | One Time/ Monthly | Quarterly | Semi-Annual | Annual | Biennial | Triennial | Order | Hide |
|---------|-----|----------------------|-----------|-------------|--------|----------|-----------|-------|------|
| Yes | USD | Setup | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | ☐ |
| | | Pricing | 50.00 | 0.00 | 300.00 | 600.00 | 0.00 | 0.00 | |

Then add a new configurable option

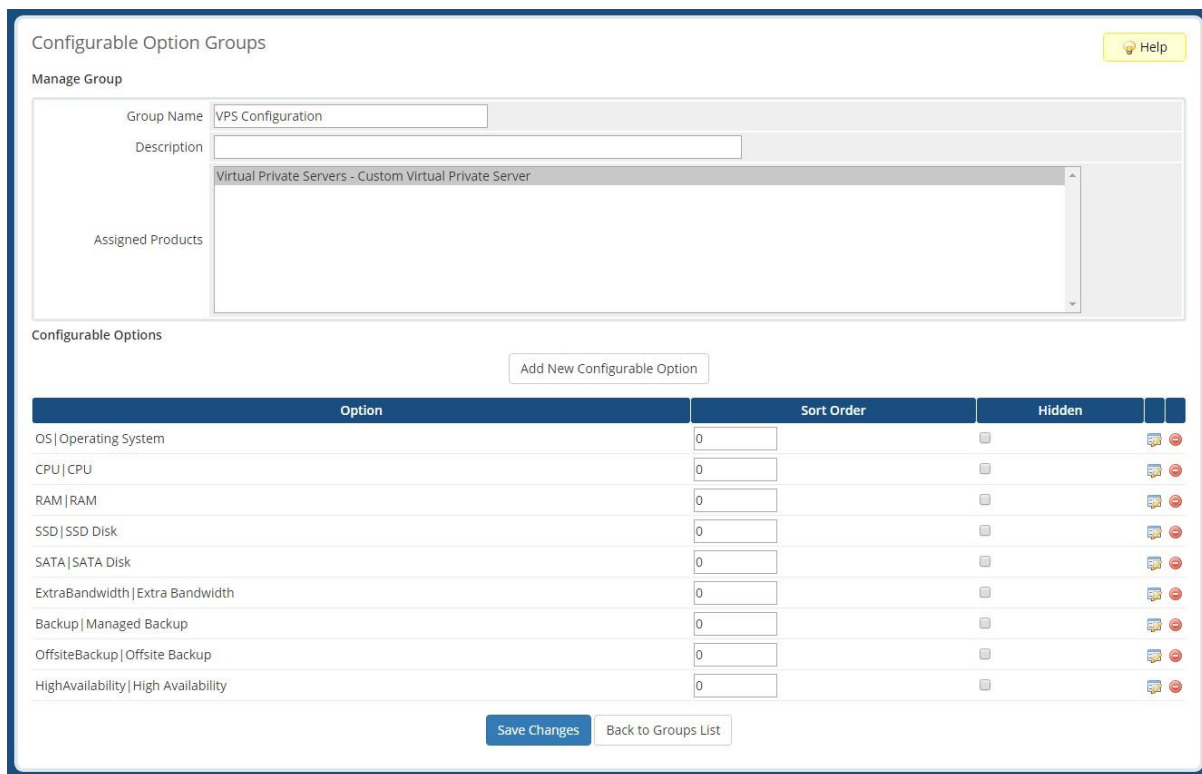
- Option Name: HighAvailability|High Availability
- Option Type: Yes/No
- Create the option called: Yes
- Add your own pricing

Configurable Options

Option Name: Option Type:

| Options | | One Time/ Monthly | Quarterly | Semi-Annual | Annual | Biennial | Triennial | Order | Hide |
|---------|-----|----------------------|-----------|-------------|--------|----------|-----------|-------|------|
| Yes | USD | Setup | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0 | ☐ |
| | | Pricing | 10.00 | 0.00 | 60.00 | 120.00 | 0.00 | 0.00 | |

Your configurable option should now look like this:



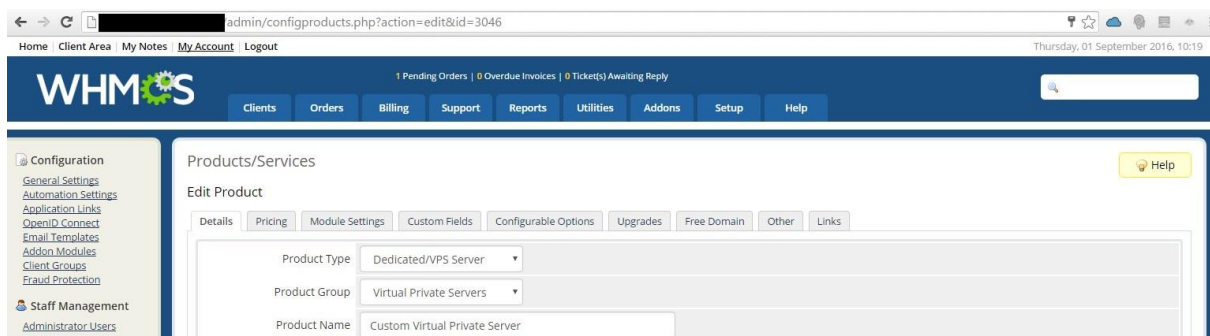
The screenshot shows the 'Configurable Option Groups' management interface. At the top, there is a 'Manage Group' section with a 'Group Name' field containing 'VPS Configuration', a 'Description' field, and an 'Assigned Products' list containing 'Virtual Private Servers - Custom Virtual Private Server'. Below this is the 'Configurable Options' section, which includes an 'Add New Configurable Option' button and a table of existing options. The table has columns for 'Option', 'Sort Order', and 'Hidden'. Each row represents a configurable option with a corresponding 'Sort Order' input field (all set to 0) and a 'Hidden' checkbox (all unchecked). At the bottom of the table are 'Save Changes' and 'Back to Groups List' buttons.

| Option | Sort Order | Hidden |
|------------------------------------|------------|--------------------------|
| OS Operating System | 0 | <input type="checkbox"/> |
| CPU CPU | 0 | <input type="checkbox"/> |
| RAM RAM | 0 | <input type="checkbox"/> |
| SSD SSD Disk | 0 | <input type="checkbox"/> |
| SATA SATA Disk | 0 | <input type="checkbox"/> |
| ExtraBandwidth Extra Bandwidth | 0 | <input type="checkbox"/> |
| Backup Managed Backup | 0 | <input type="checkbox"/> |
| OffsiteBackup Offsite Backup | 0 | <input type="checkbox"/> |
| HighAvailability High Availability | 0 | <input type="checkbox"/> |

You now need to modify the order template to display the free bandwidth. Free bandwidth is a formula based on the amount of resources you are ordering.

Note that these instructions assume you are using the standard cart order form.

First you need to find out the product ID for the VPS product you created. To do that go to edit the product you created at Setup -> Products/Services -> Products/Services. Then click the Edit icon to the right of the product. The ID will be displayed in your address bar (e.g. 3046).



The screenshot shows the 'Edit Product' interface in WHMOS. The browser address bar shows 'admin/configproducts.php?action=edit&id=3046'. The page header includes navigation links like 'Home', 'Client Area', 'My Notes', 'My Account', and 'Logout'. The main content area is titled 'Products/Services' and 'Edit Product'. It features a navigation menu with tabs: 'Details', 'Pricing', 'Module Settings', 'Custom Fields', 'Configurable Options', 'Upgrades', 'Free Domain', 'Other', and 'Links'. The 'Details' tab is active, showing 'Product Type' as 'Dedicated/VPS Server', 'Product Group' as 'Virtual Private Servers', and 'Product Name' as 'Custom Virtual Private Server'.

Standard Cart Template

So the free bandwidth will display if you are using the Standard_Cart order template edit the file at /templates/orderforms/standard_cart/configureproduct.tpl

Find the following line:

```
<div class="sub-heading">
  <span>{$LANG.orderconfigpackage}</span>
</div>
```

Paste the following immediately AFTER the above lines changing XXXX to the vpsblocks product id:

```
{if $productinfo.pid eq XXXX}
  <p align="center">Included Bandwidth: <span id="includedBandwidth"></span>GB</p>
{/if}
```

At the very bottom of the file you need to add the following (you will need the CID numbers you wrote down earlier for each resource - CPU, RAM, SSD, SATA).

- Change XXXX to the vpsblocks product id
- Change {ID} to the ID of the related configurable option.
e.g. var CPU = jQuery('#inputConfigOption2012');

```
{if $productinfo.pid eq XXXX}
<script>
var bandwidth = 0;
var CPU = jQuery('#inputConfigOption{ID}');
var RAM = jQuery('#inputConfigOption{ID}');
var SSD = jQuery('#inputConfigOption{ID}');
var SATA = jQuery('#inputConfigOption{ID}');

jQuery( document ).ready(function() {
  updateBandwidth();
  RAM.change(function() { updateBandwidth(); });
  CPU.change(function() { updateBandwidth(); });
  SSD.change(function() { updateBandwidth(); });
  SATA.change(function() { updateBandwidth(); });
});

function updateBandwidth(){
  bandwidth = Math.round((((RAM.val()/1024)*10) + (CPU.val() * 5) + (SSD.val() * 0.25) +
(SATA.val() * 0.15))/0.25) * 2;
  if (bandwidth > 1000) bandwidth = 1000;
  jQuery('#includedBandwidth').text(bandwidth);
}
</script>
{/if}
```

Modern or other order templates

So the free bandwidth will display, now edit the file at
/templates/orderforms/ORDERTEMPLATE/configureproduct.tpl

Find the following line:

```
<div class="sub-heading">
  <span>{$LANG.orderconfigpackage}</span>
</div>
```

Paste the following immediately AFTER the above lines changing XXXX to the vpsblocks product id:

```
{if $productinfo.pid eq XXXX}
  <p align="center">Included Bandwidth: <span id="includedBandwidth"></span>GB</p>
{/if}
```

Then towards the bottom of the file, you need to find the line:

```
<script>recalctotals();</script>
```

Just BEFORE this line you need to add the following (you will need the CID numbers you wrote down earlier for each resource - CPU, RAM, SSD, SATA).

- Change XXXX to the vpsblocks product id
- Change {ID} to the ID of the related configurable option.
e.g. var CPU = jQuery('[name="configoption[2012]"]');

```
{if $productinfo.pid eq XXXX}
<script>
function updateBandwidth(){
  var bandwidth = 0;
  var CPU = jQuery('[name="configoption[xx]"]');
  var RAM = jQuery('[name="configoption[xx]"]');
  var SSD = jQuery('[name="configoption[xx]"]');
  var SATA = jQuery('[name="configoption[xx]"]');
  bandwidth = Math.round((((RAM.val()/1024)*10) + (CPU.val() * 5) + (SSD.val() * 0.25) + (SATA.val()
* 0.15))/0.25) * 2;
  if (bandwidth > 1000) bandwidth = 1000;
  jQuery('#includedBandwidth').text(bandwidth);
}
</script>
{/if}
```

Save configureproduct.tpl.

Now you need to edit the file at /js/main.js

Find the recalctotals function, it will look like this:

```
function recalctotals(hideLoading) {  
  //(function content here)  
}
```

Add updateBandwidth() to the bottom of the function (don't remove existing function content) e.g.

```
function recalctotals(hideLoading) {  
  //(function content here)  
  updateBandwidth();  
}
```

Save the main.js file.

Slider Steps with Standard Cart

If you are using an order template that uses sliders for quantity such as standard_cart then you should adjust the slider properties so that the sliders move in steps.

To do this first open the configureproduct.tpl file for editing again
/orderforms/standard_cart/configureproduct.tpl

Locate the slider jQuery properties (in standard_cart this is called ionRangeSlider):

```
jQuery("#inputConfigOption{$configoption.id").ionRangeSlider({  
  min: {$configoption.qtyminimum},  
  max: {$configoption.qtymaximum},  
  grid: true,
```

You need to setup an IF statement for each resource you want to have steps other than 1 in the slider (replace the ID with the appropriate resource ID e.g. RAMID should be the ID for the RAM config option), add it in after the max property, so now the above statement will look like this:

```
jQuery("#inputConfigOption{$configoption.id").ionRangeSlider({  
  min: {$configoption.qtyminimum},  
  max: {$configoption.qtymaximum},  
{if $configoption.id eq RAMID}  
  {literal} step: "256", {/literal}  
{/if}  
{if $configoption.id eq SSDID}  
  {literal} step: "5", {/literal}  
{/if}  
{if $configoption.id eq SATAID}
```

```
{literal} step: "5", {/literal}
{/if}
  grid: true,
```

Slider Steps with Modern or other cart

If you are using an order template that uses sliders for quantity (such as modern) then you should adjust the slider properties so that the sliders move in steps.

To do this first open the configureproduct.tpl file for editing again
/orderforms/ORDERTEMPLATE/configureproduct.tpl

Locate the slider jQuery properties (in modern this is called slider):

```
{literal}
jQuery("#slider"+configid).slider({
  min: configmin,
  max: configmax,
  value: configval,
  range: "min",
```

You need to setup an IF statement for each resource you want to have steps other than 1 in the slider (replace the ID with the appropriate resource ID e.g. RAMID should be the ID for the RAM config option), so now the above statement will look like this (note that it is already contained in a literal context, therefore you need to close the literal and reopen it after copying in the IF statements, see below):

```
{literal}
jQuery("#slider"+configid).slider({
  min: configmin,
  max: configmax,
{/literal}
{/if}
  {literal} step: "256", {/literal}
{/if}
{/if}
  {literal} step: "5", {/literal}
{/if}
{/if}
  {literal} step: "5", {/literal}
{/if}
{/literal}
  value: configval,
  range: "min",
```

The Client Experience

Test the order process, go to the order page and click 'Order Now' on the VPS product.

Virtual Private Servers
Choose Another Category ▾

Custom Virtual Private Server Starting from
\$27.74 USD
Monthly

[Order Now](#)

Powered by WHMCompleteSolution

Select a domain name for your VPS, here you can see an example of the free subdomain we added in the product options.

Product Selection: Virtual Private Servers - Custom Virtual Private Server

Please provide us with the domain you want to use with your hosting service by selecting an option from the selections below.

Register a new domain

I will use my existing domain and update my nameservers

Use a subdomain from MyHostingCompany Pty Ltd

http://

[Continue →](#)

Here is a summary of the order. Note the included bandwidth is displayed, this changes automatically when the sliders are used.

Choose Billing Cycle

\$0.00 USD Monthly

Configure Server

| | | |
|----------------|--|---------------------------|
| Hostname: | <input type="text" value="server1"/> | eg. server1(.example.com) |
| NS1 Prefix: | <input type="text" value="ns2"/> | eg. ns1(.example.com) |
| NS2 Prefix: | <input type="text" value="ns2"/> | eg. ns2(.example.com) |
| Root Password: | <input type="password" value="....."/> | |

Configurable Options

Included Bandwidth: 150GB

| | |
|-------------------|--|
| Operating System | CentOS 6 (64bit) |
| CPU | <input type="text" value="3"/> |
| RAM | <input type="text" value="2048"/> |
| SSD Disk | <input type="text" value="10"/> |
| SATA Disk | <input type="text" value="0"/> |
| Extra Bandwidth | <input type="text" value="0"/> |
| | x GB \$0.50 USD |
| Managed Backup | <input type="checkbox"/> Yes \$20.00 USD |
| Offsite Backup | <input type="checkbox"/> Yes \$50.00 USD |
| High Availability | <input type="checkbox"/> Yes \$10.00 USD |

Order Summary

| Virtual Private Servers - Custom Virtual Private Server | |
|---|-------------|
| Custom Virtual Private Server | \$0.00 USD |
| » Operating System: CentOS 6 (64bit) | \$0.00 USD |
| » CPU: 3 | \$22.50 USD |
| » RAM: 2048 | \$40.96 USD |
| » SSD Disk: 10 | \$5.00 USD |
| » SATA Disk: 0 | \$0.00 USD |
| » Extra Bandwidth: 0 | \$0.00 USD |
| » Managed Backup: No | \$0.00 USD |
| » Offsite Backup: No | \$0.00 USD |
| » High Availability: No | \$0.00 USD |
| Setup Fees: | \$0.00 USD |
| Monthly: | \$68.46 USD |
| Total Due Today: \$68.46 USD | |

[Continue →](#)

[View Cart](#)

And the checkout page:

Review & Checkout

| Description | Price |
|--|---------------------|
| Virtual Private Servers - Custom Virtual Private Server (server1.joesvps.myhostingcompany.com) » Operating System: CentOS 6 (64bit) » CPU: 1 x CORE(S) \$7.50 USD » RAM: 512 x MB \$0.02 USD » SSD Disk: 10 x GB \$0.50 USD » SATA Disk: 0 x GB \$0.25 USD » Extra Bandwidth: 0 x GB \$0.50 USD » Managed Backup: No » Offsite Backup: No » High Availability: Yes [Edit Configuration] [Remove] | \$32.74 USD |
| Subtotal: | \$32.74 USD |
| GST @ 10.00%: | \$0.00 USD |
| Total Due Today: | \$32.74 USD |
| Total Recurring: | \$32.74 USD Monthly |

[Empty Cart](#) [Continue Shopping](#)

Once the checkout has been completed and the invoice paid, the client will receive an email from your WHMCS system. The main IP will not be available at this time, so it look like this (this is based on the default dedicated server email, you can modify it in WHMCS email templates to suit your requirements):

Dear Joe Bloggs,

PLEASE PRINT THIS MESSAGE FOR YOUR RECORDS - PLEASE READ THIS EMAIL IN FULL.

We are pleased to tell you that the server you ordered has now been set up and is operational.

Server Details

Custom Virtual Private Server

Main IP: see client area

Root pass: asdfasdf

IP address allocation:

ServerName: server2.joesvps.myhostingcompany.com

WHM Access

<http://xxxxx:2086>

Username: root

Password: asdfasdf

Custom DNS Server Addresses

The custom DNS addresses you should set for your domain to use are:

Primary DNS: ns1.joesvps.myhostingcompany.com

Note that the main IP says to 'see client area'. In the client area when they click on their newly created server it will show this message:

The screenshot shows the WHMCS interface with a navigation bar at the top containing 'Home', 'Services', 'Domains', 'Billing', 'Support', and 'Open Ticket', along with a user greeting 'Hello, Joel'. On the left, there is a sidebar with 'Overview', 'Information', and 'Actions' sections. The main content area is titled 'Manage Product' and shows a message: 'We are provisioning your server.. This can take up to 25 minutes, please check back soon.' Below the message is a blue progress bar and a 'Refresh/Check Progress' button. At the bottom, it says 'Powered by WHMCompleteSolution'.

This screen will refresh every minute, and once provisioning is completed it will show the full server information including IP address. Here the client can also view the real time status, as well as power on/off or power cycle the VPS.

The screenshot shows the WHMCS interface after provisioning is complete. The main content area is titled 'Manage Product' and displays a yellow warning message: 'Dev License: This installation of WHMCS is running under a Development License and is not authorized to be used for production use. Please report any cases of abuse to abuse@whmcs.com'. Below this is an 'Overview' section with two large status indicators: 'Running' (STATUS) and '0Mb/50Gb' (BANDWIDTH USED). The 'Specification' table lists: Memory (512Mb), vCPU (1), SSD Disk (10Gb), SATA Disk (0Gb), Included Bandwidth (50Gb), and Additional Bandwidth (0Gb). The 'Information' table lists: Hostname (server2.joesvps.myhostingcompany.com), Status (Running), Operating System (CentOS 6 (64bit)), High Availability (No), Managed Backup (No), and Offsite Backup (No). Below the tables are three buttons: 'Power On' (play icon), 'Power Off' (power icon), and 'Power Cycle' (refresh icon). At the bottom, the 'Network' table lists: Type (Primary IP), IP (203.143.89.93), and Assigned IPs (203.143.89.93).

Important Information

On the configuration page when a client is placing an order they will be asked for name servers. This is part of the WHMCS default template and is not used in the setup. There is an article on their forum regarding removing this: <https://requests.whmcs.com/topic/ability-to-remove-the-nameserver-options-on-order-page>

If you have any issues please contact us at support@vpsblocks.com.au

Troubleshooting

When placing an order or attempting to retrieve product information you get the error:

```
Fatal error: Call to undefined function GuzzleHttp\Handler\curl_reset()
in C:\inetpub\wwwroot\dev.vpsblocks.com.au\modules\servers\vpsblocks\lib\vendor\guzzlehttp\guzzle\src\Handler\CurlFactory.php on line 78
```

This means that you are running PHP 5.4. You must be running PHP 5.6 to use this module.

When placing an order or attempting to retrieve product information you get the error:

Order Accept Encountered Problems

cURL error 60: SSL certificate problem: unable to get local issuer certificate (see <http://curl.haxx.se/libcurl/c/libcurl-errors.html>)

This means that your PHP CA certificates are not up to date. To fix this you need to visit <https://curl.haxx.se/docs/caextract.html> and download the latest cacert.pem file (this is the latest version of CA root certificates that Curl uses to verify certificates. If you are on a Linux based system you can type: `wget http://curl.haxx.se/ca/cacert.pem`

Save that to a location on your webserver and then add the lines below to your php.ini file. Once you've done that restart the webserver.

Windows php.ini

```
[curl]
curl.cainfo=c:\php\cacert.pem
```

Linux php.ini

```
[curl]
curl.cainfo=/root/cacert.pem
```