

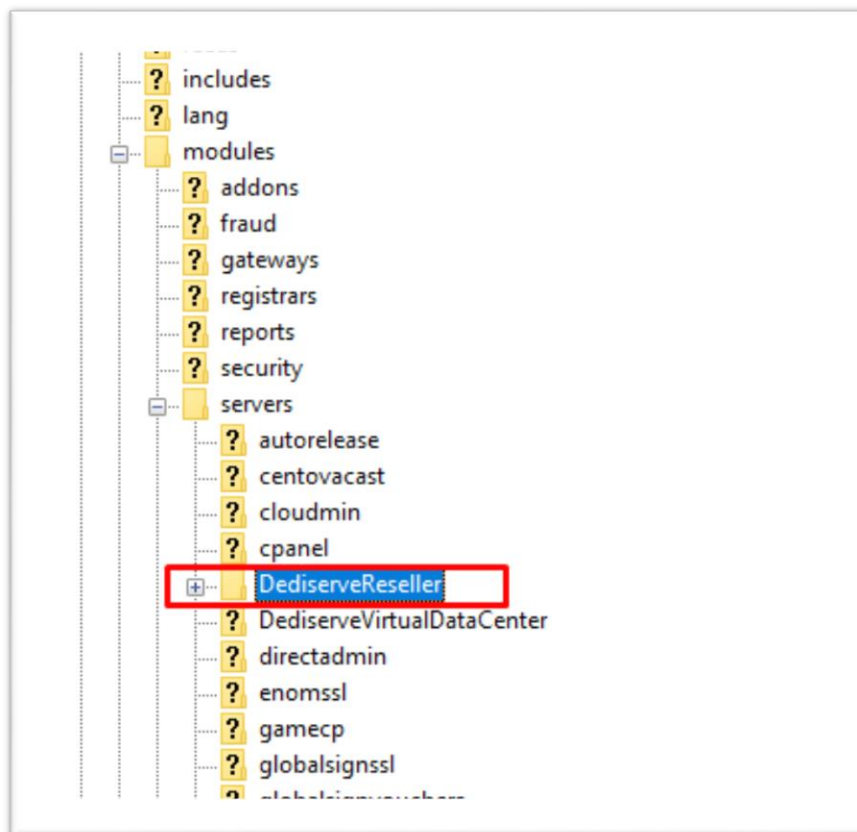


## Installation and Configuration

### Dediserve Reseller Module

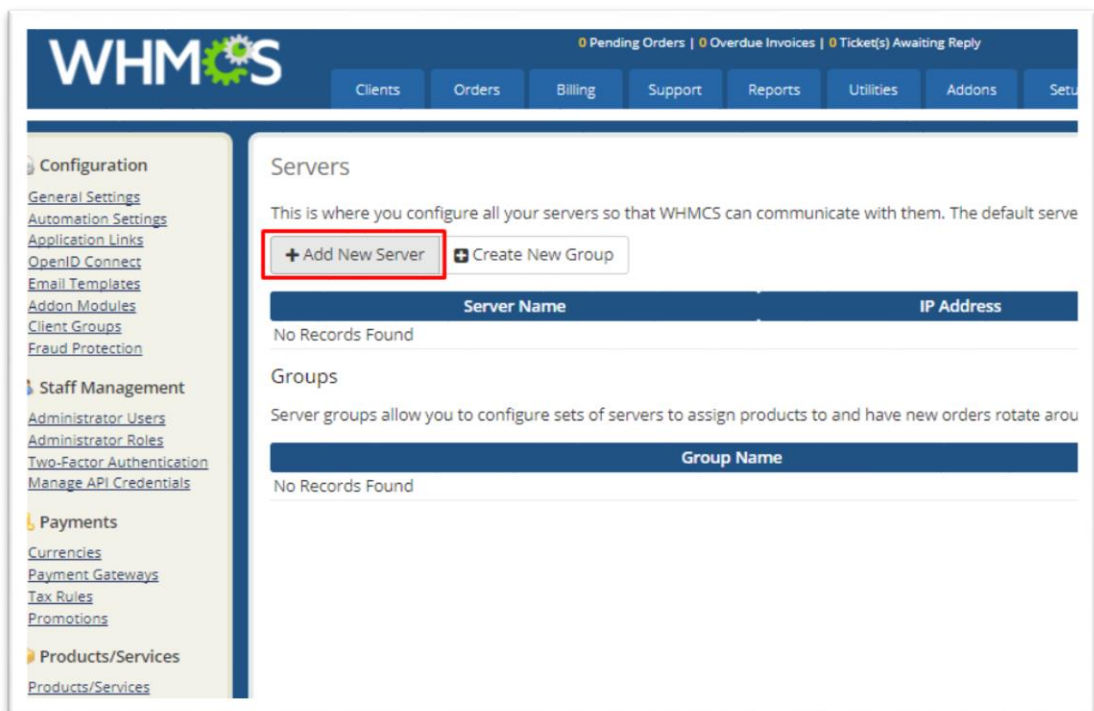
#### 1. Copy Files

Upload DediserveReseller Folder to modules/servers folder of main WHMCS directory.  
Your modules/servers directory should look like this:



## 2. Create Server

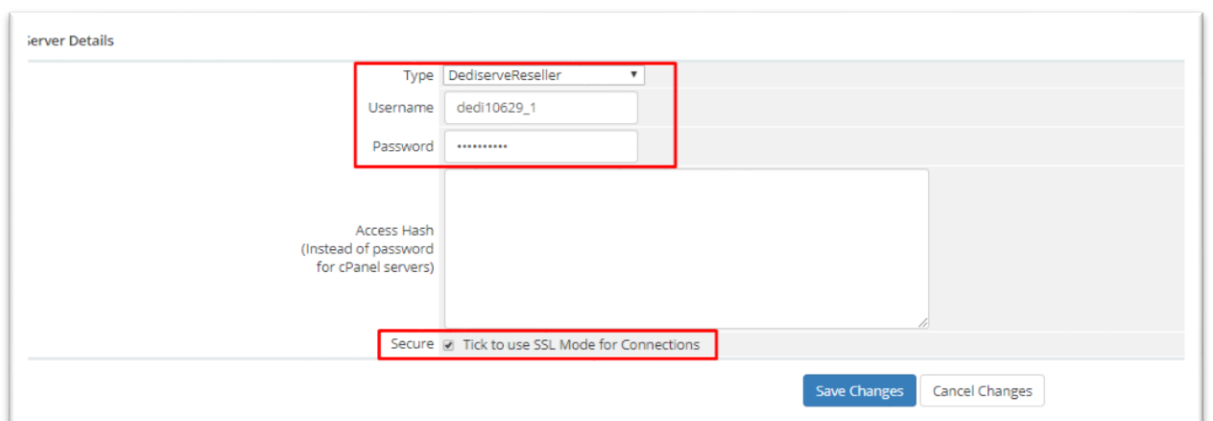
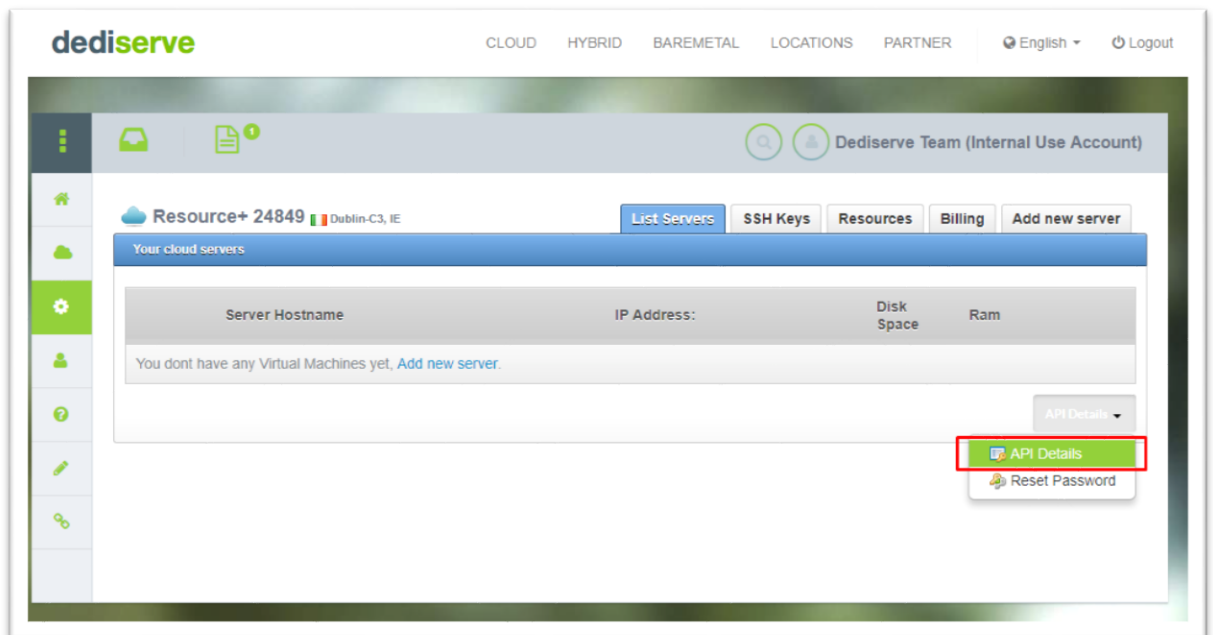
In your WHMCS admin area enter Setup → Products/Services → Servers.  
Press 'Add New Server'.



Enter the Server name, Hostname and IP (adding IP will allow users to connect should DNS be unavailable).

A screenshot of the 'Add Server' form in the WHMCS admin interface. The form is titled 'Servers' and 'Add Server'. It contains several input fields: 'Name' (filled with 'Dublin Resource'), 'Hostname' (filled with 'c1.dub3.dediserve.com'), and 'IP Address' (filled with '217.78.0.20'). These three fields are grouped together and highlighted with a red box. Below these are fields for 'Assigned IP Addresses (One per line)', 'Monthly Cost', 'Datacenter/NOC', 'Maximum No. of Accounts' (filled with '200'), 'Server Status Address', and 'Enable/Disable' (with a checkbox labeled 'Tick to disable this server'). A note at the bottom states: 'To display this server on the server status page, enter the full path to the server:'.

Finally, select “DediserveReseller” as the Type, and enter your API user details (Found within your Resource details in your Dediserve Control panel). Ensure “Use SSL mode” is ticked.  
Save changes.



Click on the new server name to make it your default.



We now need to create a Server Group for our server to be assigned to, click “Create New Group”, give it a name and assign your servers to it. Save changes.

The screenshot shows the 'Servers' section with the 'Create New Group' form. The 'Name' field is filled with 'Dediserve Resources'. Under 'Fill Type', the radio button for 'Add to the least full server' is selected. Below this, there are two lists: 'Selected Servers' (empty) and a list containing 'Dublin Resource'. Between these lists are 'Add »' and « Remove' buttons. The 'Add »' button is highlighted with a red rectangle. At the bottom right, there are 'Save Changes' and 'Cancel Changes' buttons.

### 3. Creating a Product Group

In your WHMCS admin area enter Setup → Products/Services → Products/Services. First we need to create a new group, to do so press 'Create a New Group'.

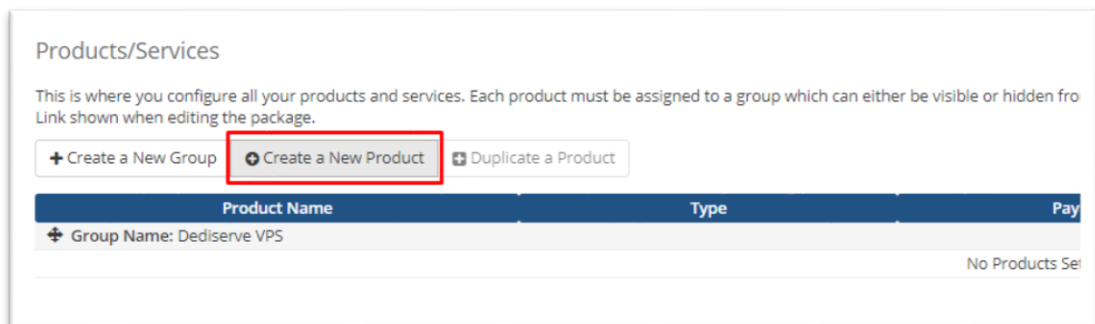
The screenshot shows the 'Products/Services' section. It includes a description: 'This is where you configure all your products and services. Each product must be assigned to a group which can either be Link shown when editing the package.' Below this are three buttons: '+ Create a New Group', '+ Create a New Product', and '+ Duplicate a Product'. The '+ Create a New Group' button is highlighted with a red rectangle. Below the buttons is a table with two columns: 'Product Name' and 'Type'.

Give the category a name and save changes.

The screenshot shows the 'Products/Services' section with the 'Create Group' form. The 'Product Group Name' field is filled with 'Dediserve VPS'. The 'Product Group Headline' field contains 'eg. Select Your Perfect Plan'. The 'Product Group Tagline' field contains 'eg. With our 30 Day Money Back Guarantee You Can't Go Wrong!'. The 'Group Features' field contains 'You must save the product group for the first time before you can add features'. The 'Available Payment Gateways' section has 'Bank Transfer' checked. The 'Order Form Template' section has 'Use System Default (Standard Cart)' selected. The 'Hidden' checkbox is unchecked. At the bottom right, there are 'Save Changes' and 'Cancel Changes' buttons. The 'Save Changes' button is highlighted with a red rectangle.

## 4. Creating a Product

Click “Create a New Product”.



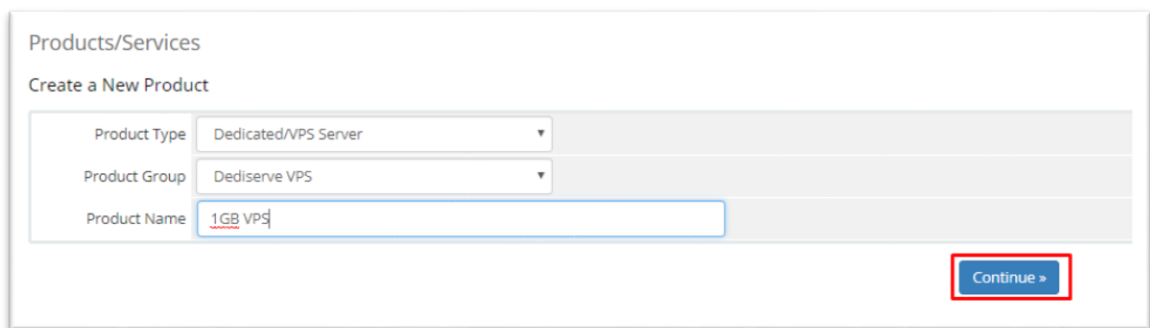
Products/Services

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 link shown when editing the package.

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

Product Name	Type	Pay
+ Group Name: Dediserve VPS		
No Products Set		

Choose Dedicated Server/VPS as type, assign to your Product Group and give the product a name.



Products/Services

Create a New Product

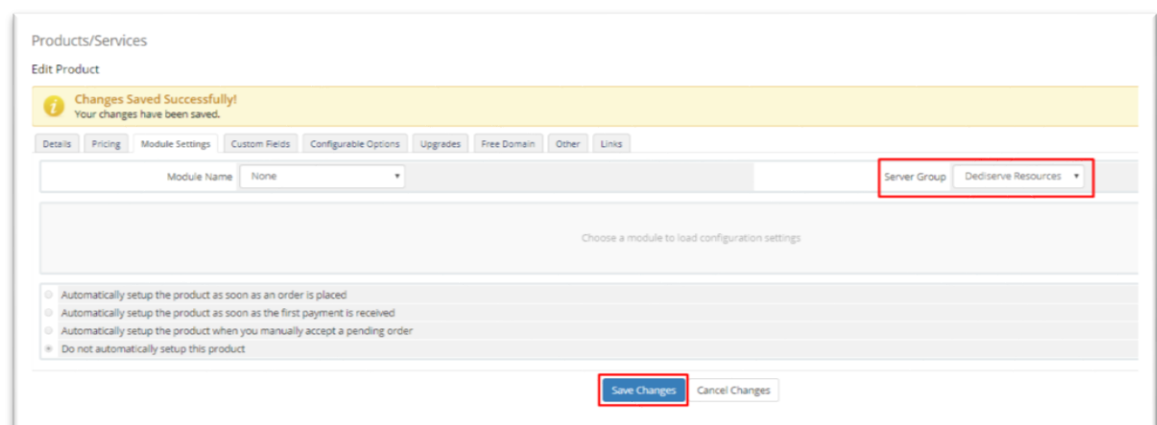
Product Type: Dedicated/VPS Server

Product Group: Dediserve VPS

Product Name: 1GB VPS

[Continue »](#)

Go to the “Module Settings” Tab, select your server and save changes – this will refresh the page.



Products/Services

Edit Product

**Changes Saved Successfully!**  
Your changes have been saved.

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

Module Name: None Server Group: **Dediserve Resources**

Choose a module to load configuration settings

- ☐ 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](#)

Now select DediserveReseller from the “Module Name” drop down and the options should load. All can be left as default however your SWAP size must be 1GB and your IPs must match the number assigned to your resource pool.

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

Module Name: DedicatedReseller Server Group: Dedicated Resources

Configurable Options: Generate default (2)  
 Templates: Synchronize (1)  
 VMware: No

Resources

Default Memory Limit: 1024 (MB)  
 Default CPU Shares [%]: 2  
 SWAP Space: 1 (GB)

Default CPU Limit: 1  
 Default Disk Size: 20 (GB)

OS Template

Template Group: All Templates OS Template: -- not specified --

Storage/Backups

Data Store Zone: -- not specified --  
 Primary Disk Min Iops:   
 SWAP Data Store Zone: -- not specified --  
 Swap Disk Min Iops:

Networks

Hypervisor Zone: -- not specified --  
 IP Addresses count: 1  
 Network Zone: -- not specified --  
 Hypervisor: -- not specified --  
 Max Port Speed:

Additional

User-friendly VM description: Virtual Machine create  
 Licensing Server ID:   
 Licensing Key:   
 Virtual Machine Build: Yes  
 Type Of Filesystem: ext3  
 Licensing Type:   
 Automatic Backup: No  
 Use HTML5 Console: No

We must now synchronize the template database, generate the custom fields and configurable options, do this by clicking these options and “Save changes” after each one.

Products/Services

Edit Product

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

Module Name: DedicatedReseller Server Group: Dedicated Resources

Configurable Options: Generate default (2)  
 Templates: Synchronize (1)  
 VMware: No

Custom Fields: Generate default (1)

Resources

Default Memory Limit: 1024 (MB)  
 Default CPU Shares [%]: 2  
 SWAP Space: 1 (GB)

Default CPU Limit: 1  
 Default Disk Size: 20 (GB)

Ensure that the Custom fields have been generated by clicking the “Custom Fields” tab, there should be VMID, Hostname and Label.

VMID – The VM number, leave this blank if creating a new VM  
 Hostname – The hostname given to the created VM (test.local)  
 Label – A shorthand name for your reference (Test Server)

Products/Services

Edit Product

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

Field Name	vmid   Virtual Machine ID		
Field Type	Text Box		
Description		The explanation to show users	
Validation		Regular Expression Validation String	
Select Options		For Dropdowns Only - Comma Separated List	
<input checked="" type="checkbox"/> Admin Only <input type="checkbox"/> Required Field <input type="checkbox"/> Show on Order Form <input type="checkbox"/> Show on Invoice			

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	
<input type="checkbox"/> Admin Only <input checked="" type="checkbox"/> Required Field <input checked="" type="checkbox"/> Show on Order Form <input type="checkbox"/> Show on Invoice			

Field Name	label   Label		
Field Type	Text Box		
Description		The explanation to show users	
Validation		Regular Expression Validation String	
Select Options		For Dropdowns Only - Comma Separated List	
<input type="checkbox"/> Admin Only <input checked="" type="checkbox"/> Required Field <input checked="" type="checkbox"/> Show on Order Form <input type="checkbox"/> Show on Invoice			

Add New Product Field

Finally ensure that the Configurable Options have been generated, make sure they're highlighted and click "Save Changes".

Products/Services

Edit Product

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

Assigned Option Groups

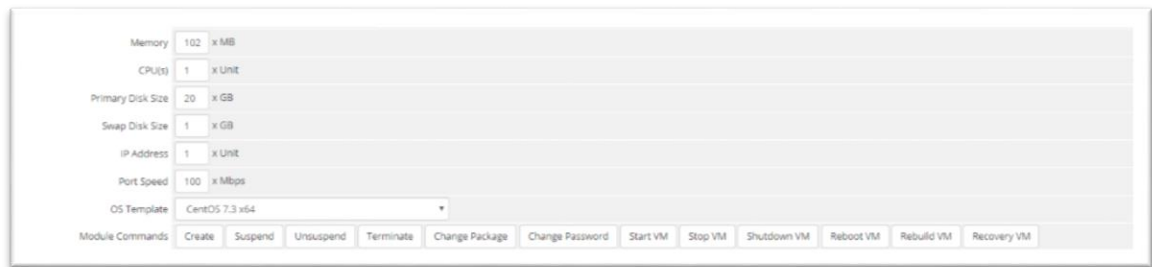
Configurable options for dediserveReseller - Auto generated by module  
 Configurable options for DediserveVirtualDataCenter - Auto generated by module

Save Changes Cancel Changes

## 5. Management of servers

Module allows your customers to easily refresh status of their servers, they can also start, stop, shutdown and reboot their VMs. In case of emergency users can also rebuild their VMs (this will erase all data and reset back to template).

Suspend and unsuspend must be performed by Dediserve staff – please raise a ticket and we can suspend at OnApp level.



The screenshot displays a configuration panel for a virtual machine. It includes input fields for Memory (102 x MB), CPU(s) (1 x Unit), Primary Disk Size (20 x GB), Swap Disk Size (1 x GB), IP Address (1 x Unit), and Port Speed (100 x Mbps). The OS Template is set to CentOS 7.3 x64. Below these fields is a row of buttons labeled 'Module Commands' containing: Create, Suspend, Unsuspend, Terminate, Change Package, Change Password, Start VM, Stop VM, Shutdown VM, Reboot VM, Rebuild VM, and Recovery VM.

## 6. Troubleshooting

If you have issues with the module please check the below;

- Ensure API Details are correct and SSL is selected at Server config
- Ensure appropriate Server Group is selected
- Ensure module settings have been created “Custom fields” and “Configurable Options”
- Ensure templates are synchronized
- Ensure you have enough resources available to create the VM
- Ensure you have NOT whitelisted any IPs with your OnApp login (Frequent cause)