

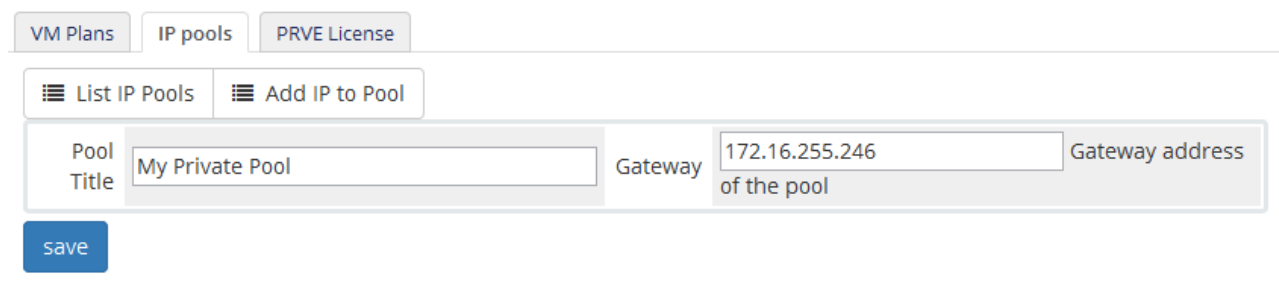
# ModuleLand PRVE WHMCS Module

## Usage Guide

### 1. IP Pools

Currently ModuleLand PRVE module only supports IPv4 IP addressing. First of all you need to create a IP pool for assigning IP addresses to Virtual machine guests. Creating IP pools is simple. Only you need to navigate to **ModuleLand PRVE** in **Addons** menu and go to IP Pools tab. **List IP pools** button will show you IP pools which you already created. And you can see the IP addresses within the pool or removing each of them from the pool.

**Add IP Pool** button will show you a simple form to create your IP pool. Just enter the pool title and gateway address of the pool and save it.



VM Plans IP pools PRVE License

List IP Pools Add IP to Pool

Pool Title My Private Pool Gateway 172.16.255.246 Gateway address of the pool

save

**Add IP to pool** button will show you a simple form which you can insert IP address or IP block into the pool.

- For single IP addresses with /32 CIDR or 255.255.255.255 subnet mask, just needs to enter single IP address without any prefix. e.g. 172.16.255.250
- For IP Blocks, needs to enter block prefix (CIDR) with the IP address, Module will calculate all usable IP addresses in the subnet and insert them into the pool automatically. e.g. 172.16.255.245/28 will insert IP address range from 172.16.255.241 to 172.16.255.254 with 255.255.255.240 as subnet mask for each IP address into the pool.

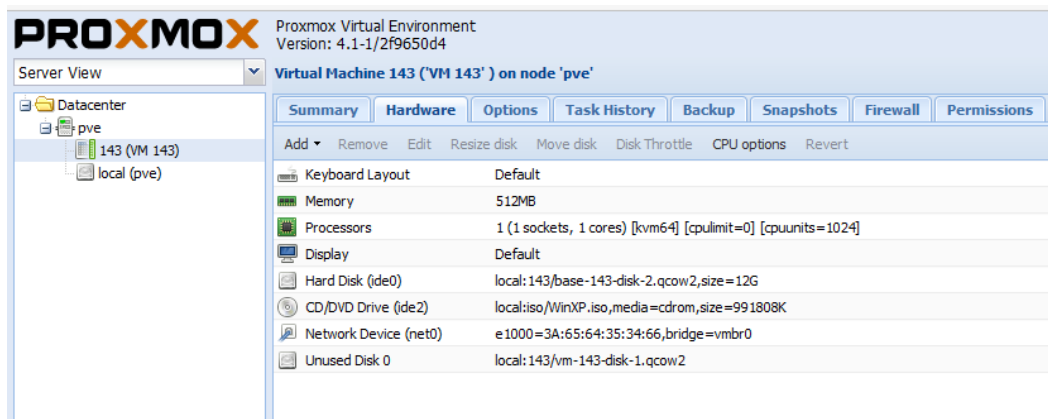
### 2. KVM Virtual Machines

For creating KVM based products there's two options in this module:

- 1) Create KVM guests with using templates which already created in PROXMOX VE environment.
- 2) Create KVM guests by creating custom plans and using OS iso files to install OS.

#### 2.1 Creating products by using KVM templates.

In this approach, first you need to create a Template in PROXMOX VE environment and then enter it's VMID (Virtual Machine ID) in to a Custom Field named **KVMTemplate** in product creation time.



As you see I did create a Microsoft windows XP template in PROXMOX VE environment, and I want to use this template in my products, so I'll go to configure my sample product like this:

## Products/Services

### Create a New Product

Product Type	Other Product/Service
Product Group	ProxmoxVPS
Product Name	Sample Windows XP product

[Continue »](#)

## Products/Services

### Edit Product

Details	Pricing	Module Settings	Custom Fields	Configu
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Module Name	None
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- GlobalSign SSL Certificates
- GlobalSign SSL Vouchers
- Heart Internet
- Helm
- Helm 4
- HyperVM
- InterWorx
- License Software
- LXAdmin
- MediaCP
- Plesk
- Plesk Reseller
- Prve**
- Reseller Central
- ResellerClub SSL Certificates
- SCPanel
- TCAdmin
- vePortal
- Virtualmin
- VPS.net
- WebsitePanel

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

Module Name

Server Group

Plan  IP Pool  IP pool to assign IP to target VM.

☐ 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

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

Add New Custom Field

Field Name

Field Type

Description  The explanation to show users

Validation

Select Options  For Dropdowns Only - Comma Seperated List

☐ Admin Only ☒ Required Field ☒ Show on Order Form ☐ Show on Invoice

Save Changes Cancel Changes

My Template VMID is 143

Text after Pipe "|" will show to clients. If you need show more options just use , for more

## 2.2 Creating KVM guests using custom plan and iso file for OS installation

In this approach you need to create a KVM Plan. Navigate to WHMCS **Addons** menu and select **ModuleLand PRVE** then go to **VM Plans** tab and simply create a KVM Plan by **Add New KVM Plan** button. After save the plan, you can create a new product, choose **PRVE** as module and then select your Plan and IP pool. We need a custom field for OS iso, which we already uploaded to PROXMOX Local storage.

Create a custom field with name ISO, and it's value is the iso filename in PROXMOX local storage.

**Note: custom field name is ISO not iso .**

### 3. OpenVZ linux containers

Just like KVM (2.2), need to create a plan, so navigate to addon and **vmplans** and create a new OpenVz plan and save it. Then create new product and choose your created Plan and IP pool, then you need to create a custom field named **Template** which points to lxc template file(s) in local storage of PROXMOX VE as custom field's value. Also you need a custom field for guest linux root password.

The screenshot displays the 'Custom Fields' configuration page in Proxmox VE. The interface includes a top navigation bar with tabs: Details, Pricing, Module Settings, Custom Fields (active), Configurable Options, Upgrades, Free Domain, Other, and Links. Below the tabs, there are two field configuration forms. The first form is for a field named 'Template'. Its 'Field Name' is 'Template', 'Field Type' is 'Drop Down', 'Description' is 'Operating system of the Virtual Machine', 'Validation' is empty, and 'Select Options' is 'ubuntu-15.04-standard\_15.04-1\_amd64.tar.gz|Ubuntu15'. The 'Admin Only' checkbox is unchecked, while 'Required Field', 'Show on Order Form', and 'Show on Invoice' are checked. The 'Display Order' is 0. The second form is for a field named 'Password'. Its 'Field Name' is 'Password', 'Field Type' is 'Text Box', 'Description' is 'root password', 'Validation' is empty, and 'Select Options' is empty. The 'Admin Only' checkbox is unchecked, while 'Required Field', 'Show on Order Form', and 'Show on Invoice' are checked. The 'Display Order' is 0. Both forms have a 'Delete Field' button at the bottom right. Red circles and arrows highlight the 'Field Name', 'Field Type', 'Select Options', and the bottom checkbox area of both forms.

Field Name	Field Type	Description	Validation	Select Options	Admin Only	Required Field	Show on Order Form	Show on Invoice	Display Order
Template	Drop Down	Operating system of the Virtual Machine		ubuntu-15.04-standard_15.04-1_amd64.tar.gz Ubuntu15	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0
Password	Text Box	root password			<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0