



## **CloudLinux Licenses For WHMCS**

*Installation, Configuration & Management*



## Table Of Content

1. About.....	3
2. Installation & Configuration.....	4
2.1 Installation.....	4
2.2 Configuration of Product.....	4
2.3. Configuration of Addon.....	4
3. Management.....	6
3.1. Link Via Addon – Additional Payment.....	6
3.2. Link Products Directly.....	8
3.3. Order.....	9
3.4. Admin Area.....	11
3.5. Client Area.....	12
3.6. Licenses List.....	14
4. Common Problems.....	15



## 1. About

**CloudLinux Licenses For WHMCS** allows you to automatically provision CloudLinux & KernelCare licenses along with selected products. You can provision them for free or as a paid addon to your product. Owing to **CloudLinux Licenses** addon, all module commands on your main product are automatically reproduced on the license product.

### **Admin Area Functionalities:**

- ◆ Create License
- ◆ Terminate License
- ◆ Suspend/Unsuspend License
- ◆ Change License IP Address
- ◆ View License Details

### **Client Area Functionalities:**

- ◆ View License Details
- ◆ Change License IP Address

### **Addon Functionalities:**

- ◆ Manage Relation Between Addon And License Product
- ◆ Manage Relation Between Server And License Product
- ◆ Automatically Add License Product To Order When Relation Is Triggered
- ◆ View Existing License
- ◆ Dependencies Between Module Actions - Every Action: Create, Terminate, Suspend Or Unsuspend Called On The Server Product Will Result With The Same Action Performed On The Licensed Products
- ◆ Flexible Filtering Of Existing Licenses

### **Additionally:**

- ◆ Multi-Language Support – Only Provisioning Module
- ◆ Supports CloudLinux & KernelCare Licenses
- ◆ Supports WHMCS V5 and Later



## 2. Installation & Configuration

In this section we will show you how to set up our products.

### 2.1 Installation

1. Let's start from downloading **CloudLinux Licenses For WHMCS**.
2. Upload archive to your WHMCS root folder and extract it. Files should automatically jump into their places.

### 2.2 Configuration of Product

3. Log into your WHMCS admin area and go to the **Setup** → **Products/Services** → **Products/Services**. Afterwards, press **Create a New Group**.
4. Fill **Product Group Name** (product group will be visible under that name in your WHMCS system) and press **Save Changes**.
5. Now, press **Create a New Product**. Choose **Other** from **Product Type** dropdown menu and previously created product group from **Product Group** dropdown menu. Fill **Product Name** and press **Continue**.
6. Set up this product as hidden through marking **Hidden** checkbox at **Details** tab.
7. Do not set up pricing for this product. Pricing will be done in another way.
8. Go to the **Module Settings** tab and select **CloudLinuxLicenses** from **Module Name** dropdown menu.
9. Fill **Username** and **Password** with your CloudLinux API access details and select desired license type from **LicenseType** dropdown menu. Press **Save Changes** to confirm.

### 2.3. Configuration of Addon

10. Proceed to the **Setup** → **Addon Modules**, find **CloudLinux Licenses Addon** and press **Activate** next to it.
11. Next step is permitting access to this module. Press **Configure**, select admin roles and confirm through pressing **Save Changes** button.



## Products/Services



### Edit Product

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

Module Name: CloudLinuxLicenses  
Server Group: None

Username: cl-sajwaffas Password: [masked] Enter your API security code here  
License Type: CloudLinux Debug Mode:  Logs on "Module Log"

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 Back to Product List

Fig 1: CloudLinux License For WHMCS provisioning module configuration.

CloudLinux Licenses Addon Licenses List

Licenses List | Addon Relations | Product Relations

MODULES Garden We are here to help you, just click!

### Licenses List

Toggle Filters

ID	Client ID	Client Name	Main Product	License Product	IP Address	License Type
There are no existing relations or connections yet. Please create one <a href="#">before start</a>						

Prev Next

Fig 2: CloudLinux License For WHMCS addon module main page.

### 3. Management

At this section we will show you two ways to link license product with your server product as well as other possibilities of our module.

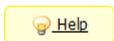
#### 3.1. Link Via Addon – Optional License

In order to allow your client to decide whether he want to order server with or without license we will use product addon. In this way, when the client orders an addon, relation will be triggered and the license product will be ordered along with module.

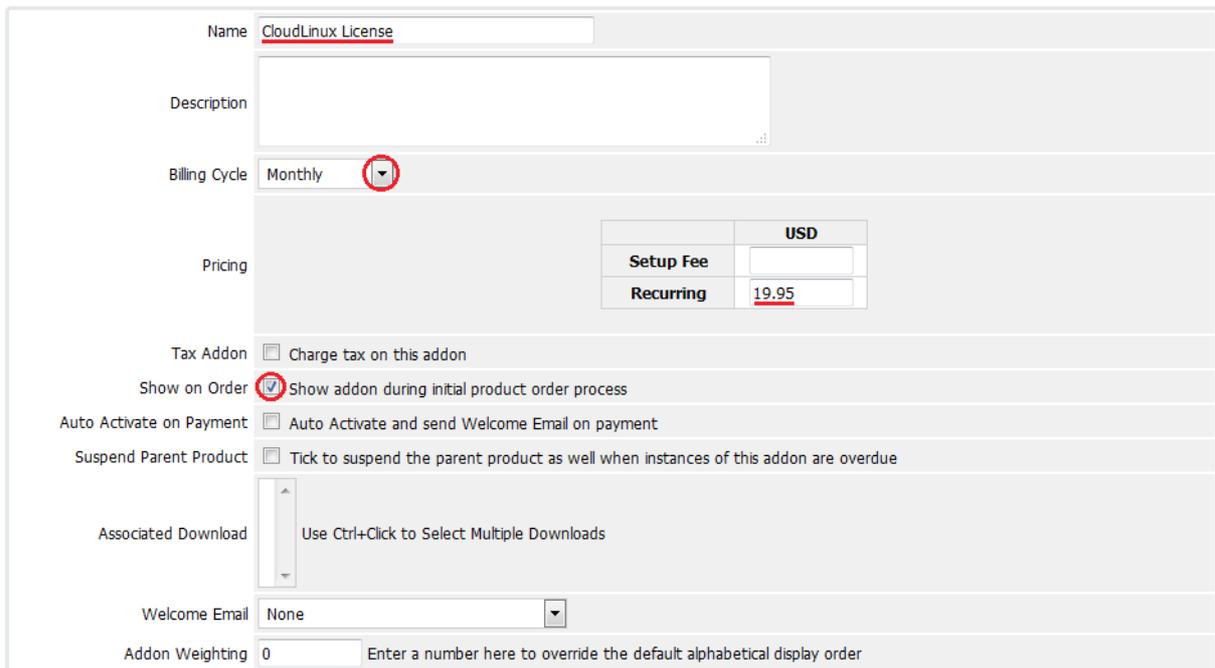
Below we will show you what steps need to be taken to prepare such connection:

1. Proceed to the **Setup** → **Products/Services** → **Products Addons** and press **Add New Addon**.
2. Fill addon name, set up billing cycle and price. Afterwards, mark **Show on Order** checkbox, assign addon to product and press **Save Changes**.

#### Product Addons



#### Create New Addon



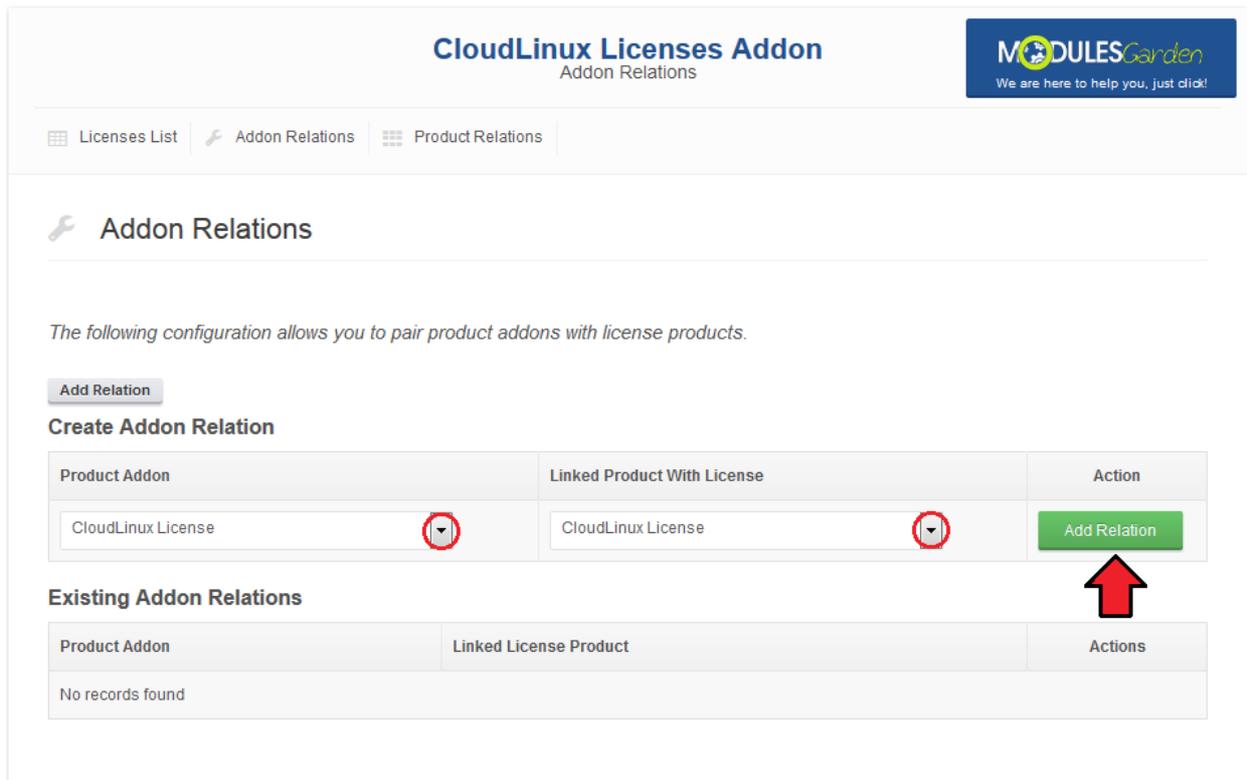
#### Applicable Products

- Test - Test       CloudLinux - CloudLinux License       CloudLinux - CloudLinux Server



*Fig 3: Configuration of product addon, which will trigger license product adding.*

3. Now, go to the **Addons** → **CloudLinux Licenses Addon** → **Addon Relations** and press **Add Relation**.
4. Select previously created product addon and license product as shown on the following screen and press **Add Relation**.



**CloudLinux Licenses Addon**  
Addon Relations

MODULES Garden  
We are here to help you, just click!

Licenses List | Addon Relations | Product Relations

### Addon Relations

The following configuration allows you to pair product addons with license products.

Add Relation

#### Create Addon Relation

Product Addon	Linked Product With License	Action
CloudLinux License	CloudLinux License	Add Relation

#### Existing Addon Relations

Product Addon	Linked License Product	Actions
No records found		

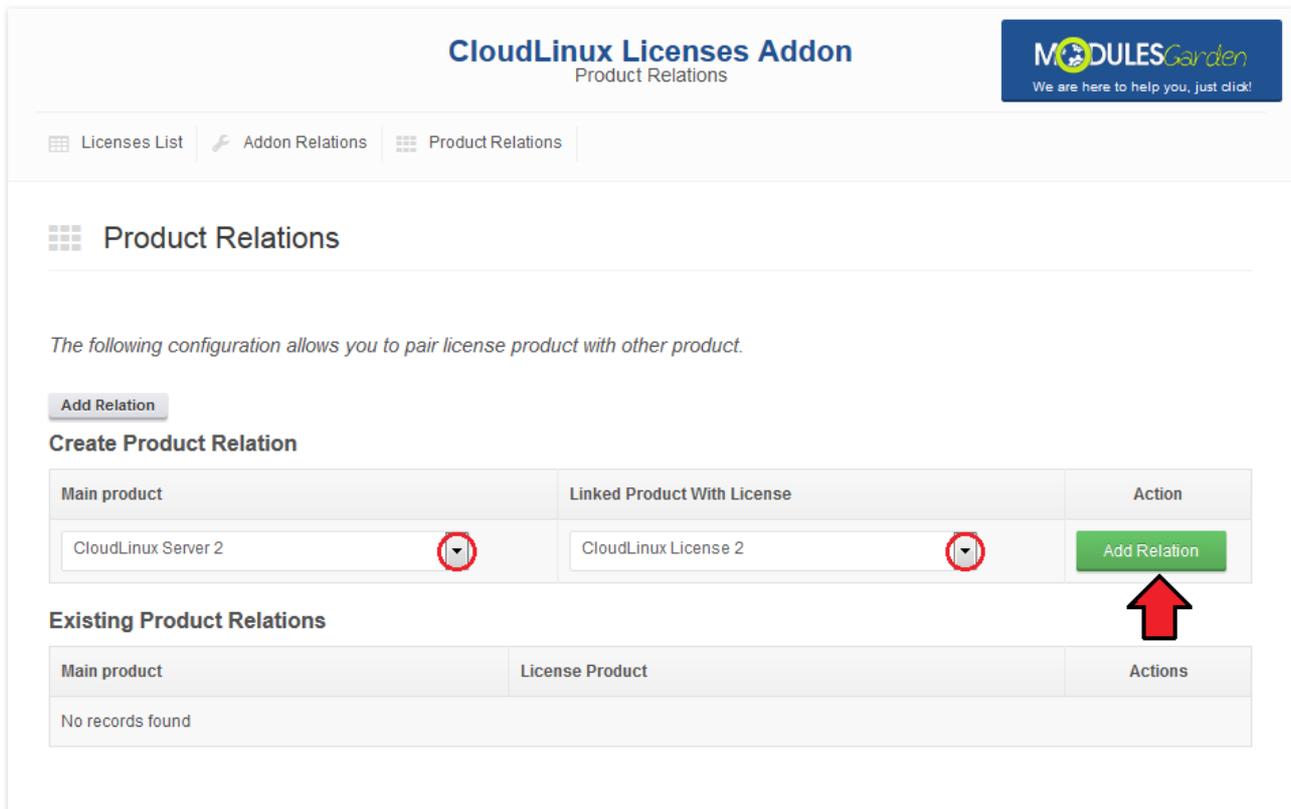
*Fig 4: Creating relation between product addon and provisioning module.*

### 3.2. Link Products Directly

If you want to offer server along with license, follow steps shown below:

*Note: Do not set up pricing for license provisioning product. In exchange, you can increase a price for server provisioning product.*

1. Prepare license provisioning product as shown in the **Configuration of Product** section of this documentation.
2. Proceed to the **Addons** → **CloudLinux Licenses Addon** → **Products Relations** and press **Add Relation**.
3. Select server provisioning product from **Main product** dropdown menu and license provisioning product from **Linked Product With License** and press **Add Relation**.



**CloudLinux Licenses Addon**  
Product Relations

MODULES Garden  
We are here to help you, just click!

Licenses List | Addon Relations | Product Relations

### Product Relations

The following configuration allows you to pair license product with other product.

Add Relation

#### Create Product Relation

Main product	Linked Product With License	Action
CloudLinux Server 2	CloudLinux License 2	Add Relation

#### Existing Product Relations

Main product	License Product	Actions
No records found		

Fig 5: Creating relation directly between server and license provisioning modules.



### 3.3. Order

As you can notice on the following screens, the only difference between two ways of setting up relation is ability to order server without CloudLinux or KernalCare license.



#### Product Selection: CloudLinux - CloudLinux 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

Transfer your domain from another registrar

I will use my existing domain and update my nameservers

www.  .

#### Choose Billing Cycle

\$39.95 USD Monthly

#### Configure Server

Hostname:  eg. server1(.yourdomain.com)

NS1 Prefix:  eg. ns1(.yourdomain.com)

NS2 Prefix:  eg. ns2(.yourdomain.com)

Root Password:

#### Available Addons

CloudLinux License - \$19.95 USD Monthly

#### Order Summary

CloudLinux - CloudLinux Server	
CloudLinux Server	\$39.95 USD
+ CloudLinux License	\$19.95 USD
Setup Fees:	\$0.00 USD
Monthly:	\$59.90 USD
Total Due Today: <b>\$59.90 USD</b>	

Fig 6: Ordering server with license addon.



## Product Selection: CloudLinux - CloudLinux Server 2

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

Transfer your domain from another registrar

I will use my existing domain and update my nameservers

www.  .

### Choose Billing Cycle

\$54.95 USD Monthly

### Configure Server

Hostname:  eg. server1(.yourdomain.com)

NS1 Prefix:  eg. ns1(.yourdomain.com)

NS2 Prefix:  eg. ns2(.yourdomain.com)

Root Password:

### Order Summary

<b>CloudLinux - CloudLinux Server 2</b>	
CloudLinux Server 2	\$54.95 USD
Setup Fees:	\$0.00 USD
Monthly:	\$54.95 USD
Total Due Today: <b>\$54.95 USD</b>	

Fig 7: Ordering server linked directly with license product.



### 3.4. Admin Area

From the admin area you are able to command such action as create, terminate, suspend/unsuspend and change IP address. Nonetheless, these actions can be ordered only on the server provisioning module and will be automatically reproduced for the license provisioning product. Only change IP address functionality have to be ordered manually. As you can see on the following screen, you can also view details of created license.

#### Clients Profile

Active Client:

Summary Profile Contacts **Products/Services** Domains Billable Items Invoices Quotes Transactions Emails Notes (0)

Log Products:

Order #	42 - <a href="#">View Order</a>	Registration Date	26/06/2014
Product/Service	CloudLinux License	First Payment Amount	0.00
Server	None	Recurring Amount	0.00 <input type="checkbox"/> Auto Recalculate on Save
Domain	dev.mytestingdomain-1.com <a href="#">www</a> <a href="#">whois</a> <a href="#">intoDNS</a>	Next Due Date	N/A
Dedicated IP	122.13.13.13	Billing Cycle	Free
Username	devmyte1	Payment Method	2Checkout <a href="#">View Invoices</a>
Password	H2no7rE16e	Promotion Code	None (Change will not affect price)
Status	Active	Subscription ID	

Module Commands

IP Address	HostName	Type	Status	Added
122.13.13.13	dev.mytestingdomain-1.com	CloudLinux	Registered	26/06/2014

Addons

Fig 8: CloudLinux Licenses For WHMCS admin area.



### 3.5. Client Area

Your clients are also able to view their servers license details. And as well as you, they are able to change IP address of their licenses.



Home Services Domains Billing Support Open Ticket Hello, Test!

## CloudLinux License

Information Addons Management Actions

### Information

Here is an overview of your product/service with us.

[« Back to Services List](#)

**Registration Date:**  
26/06/2014

**Product/Service:**  
CloudLinux - CloudLinux License **Active**  
[dev.mytestingdomain-1.com](#)

**IP Address:**  
122.13.13.13

**Recurring Amount:**  
\$0.00 USD

**Next Due Date:**  
-

**Billing Cycle:**  
Free Account

**Payment Method:**  
2Checkout

#### License Details

IP Address	122.13.13.13	<a href="#">Change</a>
Hostname	dev.mytestingdomain-1.com	
Type	CloudLinux	
Status	Registered	
Added	15/10/2013	

Fig 9: CloudLinux Licenses For WHMCS client area.



To change IP address, press **Change** button shown on the screen above. Next, fill IP address and click on Save.

### License Details

IP Address	<input style="width: 80%;" type="text" value="122.13.13.20"/>	<input style="background-color: #007bff; color: white; padding: 2px 10px;" type="button" value="Save"/> or a <input type="button" value="Cancel"/>
Hostname	dev.mytestingdomain-1.com	
Type	CloudLinux	
Status	Registered	
Added	15/10/2013	

*Fig 10: Changing license IP address.*



### 3.6. Licenses List

You can view list of all licenses owned by your client at our addon → **Licenses List**. Additionally, we have implemented filters, which can be accessed through pressing **Toggle Filters**. As you can see on the following screen, you can filter list of licenses by client name, server provisioning products, license provisioning products and even license IP address.

The screenshot shows the 'CloudLinux Licenses Addon' interface. At the top, there is a navigation bar with 'Licenses List', 'Addon Relations', and 'Product Relations'. A 'Toggle Filters' button is visible. Below it, the 'Filter Results By:' section contains four filters: 'Client Name' (text input), 'Main Product' (dropdown), 'License Product' (dropdown), and 'IP Address' (text input). The 'Filter Results' button is highlighted. Below the filters is a table with 7 columns: ID, Client ID, Client Name, Main Product, License Product, IP Address, and License Type. The table contains 2 rows of data. Below the table, it says 'Found 2 results' and there are 'Prev', '1', and 'Next' navigation buttons.

ID	Client ID	Client Name	Main Product	License Product	IP Address	License Type
2	# 11	Test Tester	CloudLinux Server	CloudLinux License	122.13.13.13	CloudLinux
1	# 11	Test Tester	CloudLinux Server 2	CloudLinux License 2	122.13.13.14	CloudLinux

Fig 11: Licenses list with filters toggled.



## 4. Common Problems

1. After activating server provisioning product, license provisioning product bounded to it is still pending.

**Reason:** License IP address may be already taken.

**Solution:** Change server IP address.