

WHMCS Module For Eenos

The Eenos whmcs module will help you to automate Eenos account provisioning from your WHMCS billing system.

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Introduction

Eenos WHMCS Module

The Eenos WHMCS module will help you to automate Eenos hosting accounts provisioning from your WHMCS billing system.

This is a root module, so you need root access to your Eenos server to use this module.

This module uses the Eenos root API (**WAP API**) to automate the provisioning.

Requirements

The following requirements are needed to use this module within your WHMCS system.

- **WHMCS Version:** You need a WHMCS installation version 8.7 or higher to use.
- **PHP Version:** The WHMCS PHP must be 7.4 or higher
- **Eenos Server:** You need a server with Eenos control panel and root access
- **Eenos Root API:** You need to create an API user and password from your Eenos WAP control panel (**Preferences -> API Manager -> Create API Account**)
- **Open Ports:** You need to open ports 5555 and 5554 in your WHMCS server in the firewall.

If you have all the above requirements please proceed to the WHMCS module installation steps.

Installation

Getting Started with Eenos WHMCS Module Installation

The first step is to download the Eenos whmcs module and extract it. Then upload it to the WHMCS installation path.

You may download the latest version of the WHMCS module from [here: Eenos-1.0.tar.gz](https://download.eenos.com/whmcs-modules/Eenos-1.0.tar.gz)

After downloading the module, extract it and upload the document root of your whmcs installation.

Download Command

```
wget -c https://download.eenos.com/whmcs-modules/Eenos-1.0.tar.gz
```

Extract the module and upload it to WHMCS installation root

You may need to copy or upload the modules folder to the root of your whmcs installation.

```
tar -xzf Eenos-1.0.tar.gz  
cp -vrf Eenos/modules /home/user/-path-to-whmcs-installation/  
chown -R user:user /home/user/-path-to-whmcs-installation/modules
```

The installation has been completed now, proceed with the configuration of the Eenos WHMCS module.

Configuration

Login to WHMCS

You may login to whmcs admin area as an admin user to configure this module.

The Eenos WHMCS module currently supports only root operations on the Eenos hosting control panel.

Supported Features

Create	Suspend	Unsuspend	Terminate
Yes	Yes	Yes	Yes

Change Package	Change Password	Usage Updates	Client Area Link
Yes	Yes	Yes	Yes

The following ports should be open for outbound connections from your WHMCS server: **5554 & 5555**

In addition to the above basic features, this module supports Sync Data, Server Sync, and Account usage Sync services too.

Adding an Eenos Server

This WHMCS module needs an Eenos server added inside your whmcs.

To set up an Eenos Server in WHMCS :

1. Go to **Configuration > System Settings > Servers**.
2. Click **Add New Server**.
3. Select **Eenos** from the menu.
4. Click **Go to Advanced Mode**
5. Enter Hostname
6. Enter IP Address
7. Enter Username with API User Name (You can create from **Eenos WAP -> Preferences -> API Manager**)

8. Enter the Password with the Password of the API user
9. Click **Test Connection**
10. Enter the desired additional server details.
11. Examine the displayed default port. If your server uses a different port, check **Override with Custom Port** and enter the correct port.
12. Click **Save Changes**.

Eenos WHMCS Module only uses the API Login credentials, we don't use the root password or other methods to access the API.

See a screenshot below,

Add Server

Name	<input type="text" value="My high Performance Server"/>
Hostname	<input type="text" value="server1.myhosting.com"/>
IP Address	<input type="text" value="191.169.1.10"/>
Assigned IP Addresses (One per line)	<div></div>
Monthly Cost	<input type="text"/>
Datacenter/NOC	<input type="text"/>
Maximum No. of Accounts	<input type="text" value="200"/>
Server Status Address	<div><input type="text"/> To display this server on the server status page, enter the full path to the server status folder (required to be uploaded to each server you want to monitor) - eg. https://www.example.com/status/</div>
Enable/Disable	<input type="checkbox"/> Check to disable this server

Nameservers

Primary Nameserver	<input type="text"/>	IP Address:	<input type="text"/>
Secondary Nameserver	<input type="text"/>	IP Address:	<input type="text"/>
Third Nameserver	<input type="text"/>	IP Address:	<input type="text"/>
Fourth Nameserver	<input type="text"/>	IP Address:	<input type="text"/>
Fifth Nameserver	<input type="text"/>	IP Address:	<input type="text"/>

Server Details

Module	<div><div>Eenos</div><div>▼</div></div> <div>Test Connection</div>
Username	<div><input type="text" value="eenos_api"/><div>Enter API User Name</div></div>
Password	<div><input type="password" value="....."/><div>Enter API Password</div></div>
Access Hash	<div></div>
Secure	<input checked="" type="checkbox"/> Check to use SSL Mode for Connections
Port	<div><div><input type="text" value="5555"/></div><div><input type="checkbox"/> Override with Custom Port</div></div>

SSO Access Control

This server module supports Single Sign-On for admin users. Below you can configure access permissions for this.

Access Control	<div><input checked="" type="radio"/> Unrestricted - Allow all admin users to connect to this server <input type="radio"/> Restricted - Only allow access to select admin role groups and/or users</div>
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It is important to click on the "Refresh Icon" on the server list so that the server packages will be fetched.

Creating a Server Group

The Eenos whmcs module needs a server group so that the module can automatically fetch the Eenos Packages from the server.

To Setup an Eenos Server Group in WHMCS :

1. Go to **Configuration > System Settings > Servers**
2. Click **Create New Group**
3. Enter **Name** (Eg: Eenos Servers)
4. Click on the Server names from Selected Servers,
5. Click **Add**
6. Click **Save Changes**

Now we created a server group with the added Eenos Servers.

Creating Eenos Hosting Product

You can create a product that provisions accounts on your Eenos server at **Configuration > System Settings > Products/Services**

You can then create a product using an existing Eenos package or by defining custom options. You can also choose to create a reseller hosting product.

If you choose Custom options along with a package name, then the package values will be overridden by the custom values.

Use an Existing Eenos Package

To create a hosting product that uses an existing Eenos package, use the following product configuration:

1. For Product Type, select **Shared Hosting**.
2. Enter **Product Name**
3. For Module Select **Eenos**
4. Click **Continue**
5. Click **Module Settings**
6. Make sure the Module Name is Eenos
7. Select the **Eenos Server Group**

8. Click **Save Changes**
9. Again **Click Details**
10. Click **Module Settings**
11. Select **Eenos Package Name**
12. Click **Save Changes**

Now you have a shared hosting product in whmcs with an Eenos package.

Defining Custom Options

To create a hosting product with a custom package, use the following product configuration:

1. For Product Type, select **Shared Hosting**.
2. Enter **Product Name**
3. For Module Select **Eenos**
4. Click **Continue**
5. Click **Module Settings**
6. Make sure the Module Name is Eenos
7. Select the **Eenos Server Group**
8. Click **Save Changes**
9. Again Click **Details**
10. Click **Module Settings**
11. Select **Eenos Package Name**
12. Enter the desired values of the package options
13. Click **Save Changes**.

To assign unlimited values to a feature please use the keyword "**unlimited**". We don't consider zero as unlimited.

Edit Product

Details	Pricing	Module Settings	Custom Fields	Configurable Options	Upgrades	Free Domain	Cross-sells	Other	Links
Module Name		Eenos							
Server Group		Eenos Servers							
Eenos Package Name		Bronze - [demo.eenos.com]							
Web Space Quota (MB)		1000 (Enter unlimited for Unlimited use)							
Bandwidth Limit (MB)		1500 (Enter unlimited for Unlimited use)							
Max FTP Accounts		10 (Enter unlimited for Unlimited use)							
Max Email Accounts		15 (Enter unlimited for Unlimited use)							
Max Addon Domains		20 (Enter unlimited for Unlimited use)							
Max Subdomains		25 (Enter unlimited for Unlimited use)							
Max Parked domains		30 (Enter unlimited for Unlimited use)							
Default Email Account Quota		512 (Enter unlimited for Unlimited use)							
Dedicated IPv4		<input checked="" type="checkbox"/> Tick to assign dedicated IPv4 if available							
Dedicated IPv6		<input checked="" type="checkbox"/> Tick to assign dedicated IPv6 if available							
DKIM		On Domain Keys Identified Mail							
SPF		On Sender Policy Framework							
Use Domain Registrar NS		Off Use domain registry NS records for creating domain							
Shell Access		Off Enable Shell access							
Mail Exchange Server		Local The SMTP server of the related domain.							
Max Databases		40 (Enter unlimited for Unlimited use)							
Eenos Theme									

Creating Eenos Reseller Package

To create a hosting product for a reseller account, use the following product configuration:

1. For Product Type, select **Reseller Hosting**.
2. Enter **Product Name**
3. For Module **Select Eenos**
4. Click **Continue**
5. Click **Module Settings**
6. Make sure the Module Name is Eenos
7. Select the **Eenos Server Group**
8. Click **Save Changes**
9. Again **Click Details**
10. Click **Module Settings**
11. Select **Eenos Package Name**
12. Enter the desired values of the package options
13. Enter the Reseller Options
14. Click **Save Changes**.

You may need to make sure the following reseller options configured:

- **Reseller Ownership**, if you like to allow the reseller to own his accounts. It is dangerous.
- **Limit Reseller by Number**, How many accounts a reseller can create. Default unlimited.
- **Reseller Disk Quota**, The maximum allowed disk usage on all sub-accounts. Default unlimited.
- **Reseller Bandwidth**, The maximum allowed bandwidth usage on all sub-accounts. Default unlimited.

If you allow "**unlimited**" in reseller features it will allow the reseller to do overselling of the resources.

Details		Pricing		Module Settings		Custom Fields		Configurable Options		Upgrades		Free Domain		Cross-sells		Other		Links	
Module Name		Eenos																	
Server Group		Eenos Servers																	
Eenos Package Name		Browse - [u.eenos.com]																	
Web Space Quota (MB)		1500 (Enter unlimited for Unlimited use)																	
Bandwidth Limit (MB)		2500 (Enter unlimited for Unlimited use)																	
Max FTP Accounts		(Enter unlimited for Unlimited use)																	
Max Email Accounts		(Enter unlimited for Unlimited use)																	
Max Addon Domains		(Enter unlimited for Unlimited use)																	
Max Subdomains		(Enter unlimited for Unlimited use)																	
Max Parked domains		(Enter unlimited for Unlimited use)																	
Default Email Account Quota		(Enter unlimited for Unlimited use)																	
Reseller Ownership		<input type="checkbox"/> Set the reseller to own there own account. <small>Danger to enable this option</small>																	
Reseller Disk Quota (MB)		20000 (Enter unlimited for Unlimited use)																	
Limit disk space usage of all sub accounts																			
Dedicated IPv4		<input type="checkbox"/> Tick to assign dedicated IPv4 if available																	
Dedicated IPv6		<input type="checkbox"/> Tick to assign dedicated IPv6 if available																	
DKIM		On Domain Keys Identified Mail																	
SPF		On Sender Policy Framework																	
Use Domain Registrar NS		Off Use domain registry NS records for creating domain																	
Shell Access		Off Enable Shell access																	
Mail Exchange Server		Local The SMTP server of the related domain.																	
Max Databases		(Enter unlimited for Unlimited use)																	
Eenos Theme																			
Limit Reseller by Number		10 (Enter unlimited for Unlimited use)																	
Enter max number of allowed accounts																			
Reseller Bandwidth (MB)		30000 (Enter unlimited for Unlimited use)																	
Limit bandwidth usage of all sub accounts																			

If your Eenos server is enabled with **Reseller Chain**, which will allow multi-level reseller accounts. That means a reseller can create other resellers.

To Enable Multi-level Chained reselling Login to:

Eenos WAP -> Automation -> Tweak Settings -> Advanced Tweaks -> Multi-Level Reselling