



Domain Module for WHMCS

Installation, Configuration & Management

Module Version 2.0.1

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About

Openprovider For WHMCS is a registrar module which allows you to offer Openprovider domains to your customers. Key features:

- Allows WHMCS to automatically perform domain and contact management tasks on your Openprovider domains, including:
 - Domain registration, renewal, and deletion
 - Domain updates (contact changes, nameserver changes, toggle client transfer prohibited status)
 - Contact creation
 - Domain transfer requests
 - Authcode retrieval
- Allow you to use the Openprovider API to check domain availability rather than using a standard WHOIS query, offering better performance for your customers.
- Allow you to use DNS templates from your Openprovider account when registering domains through WHMCS.
- Synchronize the expiration dates and statuses of domain records in your WHMCS database and your Openprovider portfolio.
- Auto renewal settings are now synchronized between Openprovider and WHMCS. If a domain is set to "Autorenew off" on WHMCS, then autorenew will also be turned off in Openprovider. If a domain in WHMCS has the setting "Auto renew on" then in your Openprovider account it will be set to your default global autorenew setting.

Installation

1. Download **Openprovider for WHMCS**
2. Upload **includes/hooks/openprovider.js** to your server at **<your WHMCS root Directory>/includes/hooks**
3. Upload the folder **modules/registrars/openprovider** to your server at **<your WHMCS root Directory>/modules/registrars**

API Configuration

1. From the admin area of your WHMCS installation, open the registrars configuration page at **<your WHMCS domain>/admin/configregistrars.php** or through the menu **Setup>Products/Services>Domain Registrars**
2. Find Openprovider in the list of registrars and click **Activate**



3. Fill in your Openprovider API credentials and save changes.

This screenshot shows the configuration form for the Openprovider registrar. The form has a light green header bar with the Openprovider logo, "» Openprovider", and buttons for "Activate", "Deactivate", and "Configure". The form itself contains several input fields: "OpenproviderAPI URL" with the value "https://api.cte.openprovider.eu", "Username" with the value "whmcs-v7-test-01", and "Password" with masked characters "*****". There is also a checkbox labeled "Ascribe already used contacts to a new domain" which is currently unchecked. A "Save Changes" button is located at the bottom of the form.

4. If the connection to your account is successful, a dropdown box will appear with a list of the DNS templates in your Openprovider account

This screenshot shows the same configuration form as before, but with an additional dropdown menu open. A red arrow points to the "DNS Template" label, which has a dropdown arrow next to it. The dropdown menu is open, showing three options: "None" (which is selected with a checkmark), "Default", and "testZone". The "Save Changes" button remains at the bottom.

5. Choose your preferred DNS template preference and press save again.

Cron Configuration

In order for the Openprovider plugin for WHMCS to function properly, a cron job needs to be scheduled for the script **<your WHMCS root**

Directory>/modules/registrars/openprovider/cron/DomainSync.php

Frequency: X times every 6 hours, where X = number of Domains / 200

This cron script synchronizes domain statuses, expiration dates, and autorenew settings between Openprovider and WHMCS. Domain statuses and expiration dates are led by domain settings on Openprovider, and auto renew settings are led by WHMCS. By default, this script updates 200 domains per execution, and should be scheduled so that all domains are synchronized within 6 hours. For example, if you have 7000 domains in WHMCS with Openprovider, the cron job needs to be run $7000 / 200 = 35$ times every six hours, i.e. at least once every 10 minutes.

Note that WHMCS has a different script, cron.php, which it uses to perform many of its main functions. For your installation to work properly, both of these scripts need to be configured to run regularly.

To change default time for sync of all domains:

The variable “`private static $interval_hours`” in the file **modules/registrars/openprovider/OpenProvider/WhmcsHelpers/DomainSync.php** can be edited and set to any integer number of hours, in order to define the period of time in which all domains should be updated.

To change default number of domains run each time script is run:

The default for value for the variable `$limit` in the construct function “`public function __construct($limit = 200)`” in the file **modules/registrars/openprovider/OpenProvider/DomainSync.php** can be edited and changed to an integer value.

Note that if the number of domains being updated each time the script runs is increased, or the sync time is decreased, steps must be taken to ensure that each instance finishes before the next one begins.

TLD Management and Check domain availability

Navigate to the "config domains" page, located at **<your WHMCS domain>/admin/configdomains.php** or through the menu at **Setup>Products/Services>Domain Pricing** where you will see (1) a place to select the lookup provider details, (2) a place to choose a TLD, and (3) a dropdown to choose which domain provider to choose as the default registrar for the domain.

Domains/TLDS Help

This is where you configure the TLDs that you want to allow clients to register or transfer to you. As well as pricing, you can set which addons are offered with each TLD, if an EPP code is required for transfers, and whether registration should be automated and if so, with which registrar.

Spotlight TLDs ▼

TLD	Pricing	DNS Management	Email Forwarding	ID Protection	EPP Code	Auto Registration
.nl		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<div>None ✓ Openprovider</div>

Save Changes Duplicate TLD

Lookup Provider

STANDARD WHOIS

Change Configure

Choose Lookup Provider

1. Under lookup provider (1) choose "change" and from the popup menu select "Openprovider"
2. The lookup provider should be displayed as such:

Lookup Provider


People and software that help you grow

Change Configure

3. All domain availability checks by your customers will now be performed using the Openprovider API.

Select a TLD and Auto Registration

1. Insert the desired TLD (2) and from the Auto Registration dropdown (3) select Openprovider
2. Click Save, and an option "open pricing" will appear

TLD	Pricing	DNS Management	Email Forwarding	ID Protection	EPP Code	Auto Registration
.nl	Open Pricing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Open
Add TLD (eg. con)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Open

3. Click "open pricing" and define prices for register, transfer, and renewal in the popup box which appears
4. That's it! your WHMCS installation is ready to offer domains for registration for your clients

Admin Area

Accepting Orders

Once a domain has been ordered by a client, the order appears as pending in the admin area <your WHMCS domain>/admin/orders.php or through the menu at **Orders>Pending Orders**. WHMCS logic is that all orders must be approved by an administrator before being ordered at the registrar. Below the client has ordered and paid for the domain "register-a-new-domain.nl" but it hasn't yet been approved.

Order Items Add Notes

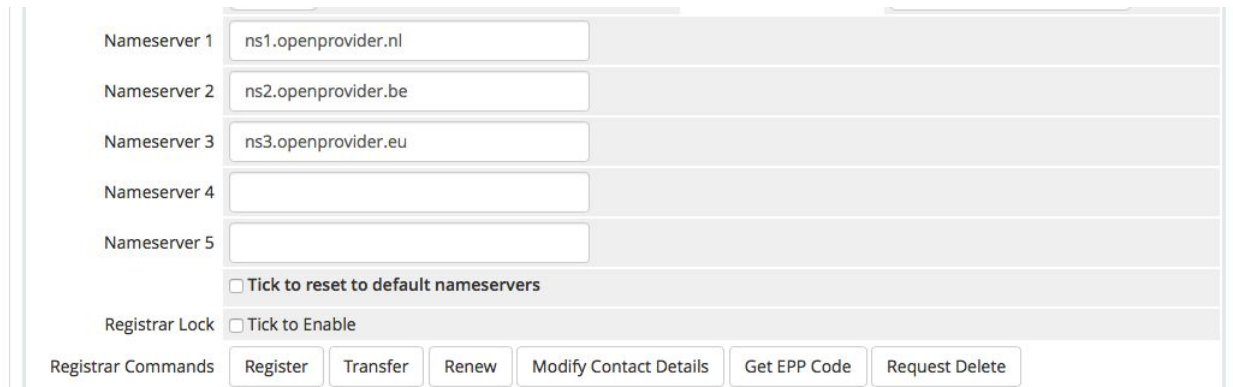
Item	Description	Billing Cycle	Amount	Status	Payment Status
Domain	Registration - register-a-new-domain.nl	1 Year	\$0.00 USD	Active	Complete
Total Due:			\$0.00 USD		

Accept OrderCancel OrderCancel & RefundSet as FraudSet Back to PendingDelete Order

Note from the previous section that Openprovider has been set as the registrar for auto registration for ".nl" domains. When you click accept order, the order is automatically placed at Openprovider. If there are other registrar options, there is a dropdown menu that can be chosen.

Managing Domains

Once a domain has been registered and activated, the domain can be managed from the admin area. You can navigate to **Clients>Domain Registrations** and select the desired domain. From here, there are options to send commands to Openprovider, including register, transfer, renew, change contact details, edit name servers, toggle registrar lock, and delete the domain.



The screenshot displays a domain management interface. It features five input fields for nameservers, labeled 'Nameserver 1' through 'Nameserver 5'. The first three fields are populated with 'ns1.openprovider.nl', 'ns2.openprovider.be', and 'ns3.openprovider.eu' respectively. Below these fields is a checkbox labeled 'Tick to reset to default nameservers'. Further down is a 'Registrar Lock' section with a checkbox labeled 'Tick to Enable'. At the bottom, there is a 'Registrar Commands' section containing six buttons: 'Register', 'Transfer', 'Renew', 'Modify Contact Details', 'Get EPP Code', and 'Request Delete'.

Auto Renew Configurations

Recommended by WHMCS:

WHMCS recommends that auto-renew setting be turned off at the registrar, that way automated renew operations come only from WHMCS, reducing the chance of unwanted renewals being performed. Openprovider also suggests that admins use this configuration.

Alternative approach: Openprovider auto-renew “on”

Some admins want to give their clients extra time to pay for renewals by setting global auto-renew in Openprovider to “on”. That way, domains will be renewed on their expiration date, and clients can pay late without losing their domains. This module synchronizes auto-renew settings from clients’ domains into the Openprovider. So if a client marks a domain to not auto-renew in WHMCS, this will be reflected in Openprovider, overriding the global default, and ensuring you don’t pay for a domain that a customer explicitly didn’t want to renew.

Troubleshooting

If there are any issues with connection with Openprovider, or for some reason API commands are not working, the first troubleshooting step should be to look at the API logs.

Navigate to **Utilities>Logs>Module Logs** or **<your WHMCS domain>/admin/systemmodulelog.php** and you can find the raw API commands being sent and received by your WHMCS modules. The responses should contain some information about how the problem can be solved.

System Module Debug Log

[Help](#)

This module debugging tool can be used to identify and resolve problems communicating with remote API systems. It will record and display the raw API data being sent to, and received back from the remote system. Logging should only ever be enabled for testing, and never left enabled all the time.

[Disable Debug Logging](#)[Reset Module Debug Log](#)

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Date	Module	Action	Request	Response
21/03/2017 11:58	openprovider nl	checkdomainrequest	Array ([postValues] => <?xml version="1.0" encoding="UTF-8"?> <openXML><credentials>	Array ([curlResponse] => <?xml version="1.0" encoding="UTF-8"?> <openXML><reply><code>0</code>

Please contact our support staff with any questions
Support@Openprovider.nl