



WHMCS Installation Guide for CloudFlare certified partners

Introduction

The CloudFlare WHMCS Module allows hosting providers to offer CloudFlare through the use of Product Addons with any hosting plan sold. Hosting Providers choose the hosting plans these addons can be attached to and site owners (the end-customer) can choose these addons during initial checkout when they first order their hosting or afterward from the WHMCS Client area.

To use the module, the hosting provider must be a CloudFlare certified partner. Partnership is free and has no costs, risks, or commitments. To apply to be a CloudFlare certified partner, just visit:

<https://www.cloudflare.com/certified-partners>

Installation / Upgrade instructions

Use either the "SSH" (preferred) or "FTP" methods described below to install the CloudFlare Addon Module for WHMCS.

via SSH

Connect to your server via SSH, then run the following commands as a user with write access to your web root where your WHMCS web application files are stored (replace /PATH/TO/MY/WHMCS with the proper path to the root of your WHMCS application files - i.e. where index.php or configuration.php are stored):

```
$ cd /PATH/TO/MY/WHMCS
$ cd modules/addons
$ rm -rf cloudflare
$ wget -N http://www.cloudflare.com/static/misc/cloudflare_whmcs-latest.zip
$ unzip cloudflare_whmcs-latest.zip
$ rm cloudflare_whmcs-latest.zip
```

via FTP

Download the following ZIP file to your computer:

http://www.cloudflare.com/static/misc/cloudflare_whmcs-latest.zip

- Unzip the file, there should be a resulting folder called "cloudflare"

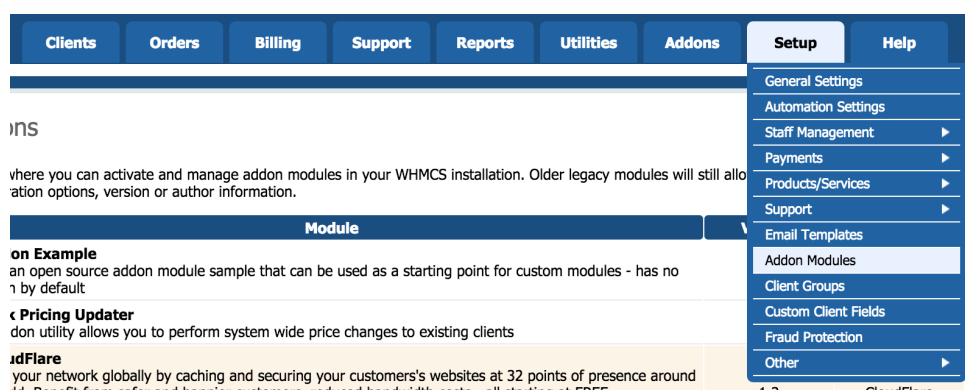
- Using an FTP client such as FileZilla (or others), connect to your server with a user that is capable of writing to the web root where your WHMCS web application files are stored.
- Once connected, navigate to the folder that is the root of your WHMCS application files - i.e. where index.php or configuration.php are stored).
- Navigate to the "modules" folder, then to the "addons" folder.
- Upload the entire "cloudflare" folder from your computer to your server.

Initial Setup

Step 1

Log into your WHMCS as an admin user, then go to "Setup" -> "Addon Modules".

On this page, you should see the "CloudFlare" module now listed (assuming that you followed the installation instructions above).



Step 2

Click the "Activate" button to enable the CloudFlare addon.

» **CloudFlare**
Extend your network globally by caching and securing your customers's websites at 32 points of presence around the world. Benefit from safer and happier customers, reduced bandwidth costs - all starting at FREE.

1.2 CloudFlare Activate Deactivate Configure

Not yet a partner? Sign up [here](#).

Host API Key	<input type="text"/>	Required for the addon to perform any action. <i>Not yet a partner? Sign up here</i>
Show Client Logs	<input checked="" type="checkbox"/>	Control whether your clients can see the logs for actions they perform in the module. Full logs always available from the admin view.
Admin ID	<input type="text" value="1"/>	Admin user for internal calls. New user can be easily provisioned through the Add-On -> CloudFlare interface.
Display Frontend Link	<input checked="" type="checkbox"/>	Additional information available here . Controls whether blue 'Setup CloudFlare' link is added to client side pages.
Access Control	Choose the admin role groups to permit access to this module: <input checked="" type="checkbox"/> Full Administrator <input type="checkbox"/> Sales Operator <input type="checkbox"/> Support Operator	

Save Changes

Click the "Configure" button.

Enter your Host API Key in the specified field, and put a checkmark next to "Full Administrator" in the Access Control section. NOTE: If you need to retrieve your Host API Key, just log into the Partner Portal at: <https://partners.cloudflare.com>.

Click "Save Changes"

Step 3

Go to "Addon" -> "CloudFlare" from the top navigation menu.

Addon Id	Addon Plan	Uses CloudFlare DNS	Enabled by Default	CloudFlare Plan Tag	Billing Cycle	Your Cost	Manage Addon
3	CloudFlare Free	No	No	FREE	Free Account	0.00	
2	CloudFlare Free with CloudFlare DNS	Yes	Yes	FREE	Free Account	0.00	

Here, you will see whether your connection to the CloudFlare API is operational. If it fails to connect, double-check that your Host API Key is correct and that your server is able to contact the CloudFlare Host API endpoint, which is <https://api.cloudflare.com/host-gw.html>

You can choose from the default Product Addons ("CloudFlare Free" and "CloudFlare Free with CloudFlare DNS") which have been automatically created to allow your customers to easily add CloudFlare to their existing hosting plans or to allow new customers to order CloudFlare when they order their hosting plan. To make this possible, you will need to click the "gear" icon to Manage Addon next to each of the addons, and, at the bottom of the Manage Addon screen, put a checkmark next to each of the Applicable Products where you would like to include CloudFlare as part of the plan.

Product Addons

Edit Addon

Name	CloudFlare Free with CloudFlare DNS							
Description	 CloudFlare Free with CloudFlare DNS Go to Cloudflare							
Billing Cycle	Free							
Pricing	<table><thead><tr><th></th><th>USD</th></tr></thead><tbody><tr><td>Setup Fee</td><td>0.00</td></tr><tr><td>Recurring</td><td>0.00</td></tr></tbody></table>			USD	Setup Fee	0.00	Recurring	0.00
	USD							
Setup Fee	0.00							
Recurring	0.00							
Tax Addon	<input type="checkbox"/> Charge tax on this addon							
Show on Order	<input checked="" type="checkbox"/> Show addon during initial product order process							
Auto Activate on Payment	<input checked="" type="checkbox"/> Auto Activate and send Welcome Email on payment							
Suspend Parent Product	<input type="checkbox"/> Tick to suspend the parent product as well when instances of this addon are overdue							
Associated Download	Use Ctrl+Click to Select Multiple Downloads							
Welcome Email	None							
Addon Weighting	0 Enter a number here to override the default alphabetical display order							
Enabled by Default	<input checked="" type="checkbox"/> Enabling this will force this addon to be checked by default on the client side of WHMCS when a customer select							

Applicable Products

☒ Hosting - Shared Hosting

Save Changes

Available Plans

CloudFlare can be deployed to a website in one of two ways - either using your DNS ("CloudFlare Free") or switching the authoritative nameservers to CloudFlare and allowing CloudFlare to run DNS for the website ("CloudFlare Free with CloudFlare DNS"). The module automatically creates addons for both scenarios. You can choose which to make available to any hosting plan via the Applicable Products feature described above.

CloudFlare Free

(Partial or CNAME setup): CloudFlare is enabled on selected subdomains only and customers will continue to manage their DNS settings in your control panel.

For example, "www.example.com" can be CloudFlare-enabled, but "example.com" can not be.

CloudFlare Free with CloudFlare DNS

(Full setup): The authoritative nameservers for a domain name would need to be updated at the registrar to point at the displayed CloudFlare nameservers, and DNS management by the customer would take place on www.cloudflare.com.

Client Interface

New customers ordering a hosting plan from you will be able to choose CloudFlare in the order process after they have selected their hosting plan. Existing customers can log into the WHMCS Client Area, choose their hosting plan, and go to "Addons" to add CloudFlare to their existing hosting plan.

The screenshot displays the WHMCS client interface. At the top, the WHMCS logo is visible, followed by a navigation bar with links: Home, Services, Domains, Billing, Support, Open Ticket, and Setup CloudFlare. A yellow banner below the navigation bar states: "Dev License: This installation of WHMCS is running under a Development License and is not authorized to be used for production use. Please report any cases of abuse to abuse@whmcs.com". The main content area shows a three-step process: Step 1 Choose Domain, Step 2 Choose Options (currently active), and Step 3 Review & Checkout. Under Step 2, there are two sections: "choose billing cycle" with a radio button selected for "\$5.00 USD Monthly", and "available addons" with a checkbox selected for "CloudFlare Free with CloudFlare DNS - CloudFlare Free with CloudFlare DNS" and a link "Go to Cloudflare (\$0.00 USD Free Account)". Below these sections, the total due today is "\$5.00 USD" and the total recurring monthly is "\$5.00 USD". At the bottom of the form, there are buttons for "choose another product", "view cart", and "add to cart & checkout". The footer of the interface includes a language selector set to "English" and a copyright notice: "Copyright © 2015 Company Name. All Rights Reserved."

After they have ordered and their account is provisioned, your customer will see a blue "Setup CloudFlare"

button in the far right side of their WHMCS Client Area. Here, they can see the domain names they have enabled CloudFlare for, see helpful information about DNS records and authoritative DNS, and view provisioning logs for their orders. (Client side provisioning logs can be disabled in the configuration section for the CloudFlare addon)

Zone	Configuration
realtydeputy.com	Reprovision: <input type="checkbox"/>
brokerdeputy.com	Reprovision: <input type="checkbox"/>
brokerdeputy.com	Reprovision: <input type="checkbox"/>
foradvantage.com	Reprovision: <input type="checkbox"/>

E-mail:

Password:

After Setup:

Zone	Configuration
cloudflare.com	NAMESERVERS alan.ns.cloudflare.com lily.ns.cloudflare.com
cloudflarestatus.com	NAMESERVERS meera.ns.cloudflare.com simon.ns.cloudflare.com
theburritobot.com	NAMESERVERS mira.ns.cloudflare.com wesley.ns.cloudflare.com

Working with CloudFlare name servers

- If, for some reason, WHMCS is unable to change your name servers to CloudFlare's, then you will need to change your name servers at the appropriate [registrar](#)
- Make sure to verify your DNS settings by [logging in at CloudFlare](#)

Troubleshooting New Domains

Remember:

- All activity through the CloudFlare module is tracked within the plugin's log files which can be viewed under "Addons" -> "CloudFlare". If contacting CloudFlare support, please include the relevant log information to help us resolve your issue more quickly.
- API calls and responses made by the module will also be logged into the WHMCS built-in module logs,

if you have this feature enabled

Addon Id	Addon Plan	Uses CloudFlare DNS	CloudFlare Plan Tag	Billing Cycle	Your Cost	Manage Addon
5	CloudFlare Free with CloudFlare DNS	Yes	FREE	Free Account	10.00	
4	CloudFlare Free	No	FREE	Free Account	0.00	

Provisioning Logs

```
2015-03-25 23:10:35 cPanel server -> WHMCS: {"cpanelresult":{"apiversion":2,"func":"zone_set","data":{"request":{"act":"zone_set","zone_name":"wicbrf.com"},"msg":null,"response":{"hosted_names":{"www.wicbrf.com":{"cloudflare-resolve-to.wicbrf.com"},"forward_tos":{"www.wicbrf.com":{"www.wicbrf.com.cdn.cloudflare.net"},"resolving_to":{"cloudflare-resolve-to.wicbrf.com":{"zone_name":"wicbrf.com"},"result":{"success"}}},"event":{"result":{"module":"CloudFlare"}}}}}}
2015-03-25 23:10:21 WHMCS -> cPanel server: zone_set
2015-03-25 23:10:21 cPanel server -> WHMCS: {"cpanelresult":{"apiversion":2,"func":"fetchzone","data":{"result":{"module":"CloudFlare"},"zone":{"name":"www.wicbrf.com","cloudflare":{"cname":"wicbrf.com","record":{"wicbrf.com":{"line":20,"type":"CNAME","class":"IN","line":20},"{"ttl":"14400","name":"webdisk.wicbrf.com","cloudflare":{"record":{"198.199.112.190","line":23,"type":"A","class":"IN","address":"198.199.112.190","line":23},"{"ttl":"14400","name":"www.wicbrf.com","cloudflare":{"record":{"198.199.112.190","line":24,"type":"A","class":"IN","address":"198.199.112.190","line":24}}},"{"result":{"module":"CloudFlare"}}}}}}
2015-03-25 23:10:19 WHMCS -> cPanel server: fetchzone
2015-03-25 23:10:19 cPanel server -> WHMCS: {"cpanelresult":{"apiversion":2,"func":"user_create","data":{"request":{"act":"user_create"},"msg":null,"response":{"cloudflare_email":"d@bty.co","user_api_key":"96","user_key":"f","unique_id":"552b1132435"},"result":{"module":"CloudFlare"}}}}
2015-03-25 23:10:17 WHMCS -> cPanel server: user_create
2015-03-25 23:10:16 CNAME provisioning, server type: cpanel
2015-03-25 23:10:16 CloudFlare user authed/created: d@bty.co
2015-03-25 23:08:00 CloudFlare CNAME provisioning failed for hosting id: 19
2015-03-25 23:08:00 cPanel server -> WHMCS: {"cpanelresult":{"apiversion":2,"error":{"Access denied","data":{"reason":"Access denied"},"result":{"0"},"type":"text"}}
```

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- If an order has not provisioned correctly, you can view the logs in the CloudFlare sections of both the Admin and Client Areas of WHMCS. Most commonly, this occurs if the user already has an account on CloudFlare.com and needs to login to authorize the changes. In the Client Area, the end customer can go to "Setup CloudFlare" and see "Reprovision" options for websites and fields to insert their CloudFlare.com e-mail address and password. Once submitted, CloudFlare should be properly provisioned for these websites.

Frequently Asked Questions

How can I disable provisioning logs in the client interface?

Go to "Setup" -> "Addon Modules" and click the "Configure" button to the right side of the CloudFlare module. Uncheck the box for "Show Client Logs" and click "Save".

Why don't I see a "Setup CloudFlare" button on the client side of WHMCS?

The module uses the "ClientAreaFooterOutput" hook within your template to add this button. If the button is not visible, your template is missing this hook and needs to be customized to support this hook.

Alternately, you can also add a link within your menu to the setup page. Additional information on making this customization is available here: <https://support.cloudflare.com/hc/en-us/articles/204277308>

Can I enable CloudFlare on more than one domain?

At this time, only one CloudFlare service can be ordered per WHMCS customer. If additional CloudFlare services are ordered by a customer, the other services will not provision correctly.

Are any auto-provisioning options available?

Automated provisioning when using your DNS servers ("CloudFlare Free") only occurs if the hosting account is located on a cPanel server. For other server types, the customer is given instructions on their "Setup CloudFlare" screen on how to set their DNS records to enable CloudFlare.

For new domain registrations ordered along with the CloudFlare addon, the module will attempt to automatically update the authoritative nameservers at the domain registrar to the proper CloudFlare nameservers. This requires that the domain name was ordered through a registrar module in WHMCS. For other cases (such as a domain transfer or an existing domain name), the customer is given instructions on the

"Setup CloudFlare" screen on how to update their authoritative nameservers.

Can I enable a CloudFlare plan by default for new customers?

Yes! Go to "Addons" -> "CloudFlare" and click the "Gear" icon to the right side of the CloudFlare plan which you would like enabled by default. Check the box for "Enabled by Default" and click "Save Changes".

If you encounter issues, or have suggestions, please let us know at partnersupport@cloudflare.com