



ISPAPI DomainCheck Addon

High performance availability check using WHMCS & HEXONET

Version 7.3.0

April 16, 2018



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High performance availability check using WHMCS & HEXONET
Version 7.3.0

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The logo for HEXONET, featuring the word "HEXONET" in a bold, blue, sans-serif font. The "X" is stylized with a diagonal line through it.

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Introduction

The ISPAPI DomainChecker Addon module provides your customer a new simple and user-friendly interface to check the availability of domains.

With our module you will be able to support **Premium Domains** (Aftermarket and Registry Premium Domains) in just one (1) click.

An **API suggestion engine** has been integrated in the module to provide suggestions to the search.

The module connects to the configured ISPAPI registrar module to provide **high-speed API availability checks**. This module is also able to connect to our ISPAPI Backorder module (if installed) to display backorders in the search results.

For better performance, the module uses an Ajax-driven search and the search can be filtered by categories. The search can also be triggered directly by the URL, which is particularly useful when you want to create landing pages.

Domain Checker

Portal Home / Domain Checker

CATEGORIES
^

Adult

Business

Culture

Education

Food

Identity

Geographic

Entertainment

Professions

RealEstate

Shopping

Fitness

Technology

Travel

Others

☐ kitchen.cooking
AVAILABLE - PREMIUM
kitchen.pub
TAKEN - WHOIS

€2156.39EUR
Renewal: €29.49EUR

☐ kitchen.net
TAKEN - WHOIS - BACKORDER

▼ More

☒ kitchen.vin
AVAILABLE - PREMIUM

Added
€88.47EUR

☐ kitchen.vodka
AVAILABLE - PREMIUM
kitchen.coffee
TAKEN - WHOIS

€74.17EUR
Renewal: €29.49EUR

Supported Features

The ISPAPI DomainChecker addon supports the following functions and features:

- High-performance Domain Availability Checks using our registrar API
- Support of Premium Domains (Aftermarket and Registry Premium Domains)
- API Suggestion Engine integrated
- Categorization of the TLDs for an improved user experience
 - Default categories pre-configured
 - Search results based on the category selection
- Backorder button in the search results (if ISPAPI Backorder module installed)
 - Add or Remove backorders instantly in the search results
 - WHOIS information for taken domains
- Featuring each domain with availability and type of premium domain name
- Featuring prices of domains
 - Registration and renewal prices
 - Premium domains with markup prices
- Adding of domains to the cart instantly possible in the search results
- Removing of domains from the cart instantly possible in the search results
- Supports multiple currencies
- Support for English and German. (If any other language is required, please contact us)
- Ajax driven search (no page reload)
- Various performance optimizations
- Search trigger over the URL (helpful for landing pages)
 - For example: *mydomainchecker.php?search=mydomain.com&cat=3*
Will trigger the search of "mydomain.com" in the category ID=3
- Easy to install and use

Getting started

1.Requirements

In order to run the ISPAPI DomainChecker addon, your WHMCS installation must meet the following requirements:

- **WHMCS version 7.0** or higher must be installed. (We recommend always using the latest version of WHMCS)
- **ISPAPI Registrar Module version 1.0.53** or higher must be installed. This module can be downloaded here:
https://wiki.hexonet.net/index.php/WHMCS_Modules
- **HEXONET Live or Test Account** must be configured in the ISPAPI Registrar Module. Account creation is free on our website: www.hexonet.net

2.Installation / Update

For a new installation, unzip the downloaded file and upload the content of the “install” folder to your WHMCS root directory.

For an update, unzip the downloaded file and upload the content of the “install” folder to your WHMCS root directory. Then go to **Setup > Addon Modules > ISPAPI HP DomainChecker > Configure** and click on the “Save Changes” button.

NOTE: The WHMCS root directory is the folder which contains the “configuration.php” file.

3.Configuration

a) Addon activation

Within the WHMCS Admin area, go to **Setup > Addon Modules**

» ISPAPI HP DomainChecker This addon provides a new domainchecker interface with high speed checks, suggestions and premium support.	7.3.0	HEXONET	Activate	Deactivate	Configure
---	-------	---------	----------	------------	-----------

Access Control

Choose the admin role groups to permit access to this module:
☒ Full Administrator ☐ Sales Operator ☐ Support Operator

Save Changes

Activate the ISPAPI DomainChecker Addon, give the module “Full Administrator” Access Control right.

b) Manage your categories

In order to configure your Categories, go to **Addons > ISPAPI HP DomainChecker**

For a new installations, the default categories are directly pre-configured.

For updates, you can import the default categories by clicking the “Import Default Categories” button. (You’re currently configured categories won’t be deleted.)

Backend overview

Category Editor

Import Default Categories

Categorie Name	TLDs (space separated list of TLDs)
Adult	webcam xxx sex sexy adult porn
Business	global gmbh gold group holdings immo inc industries insurance insure international investments ventures versicherung xn--vhguy net capital car career careers cars cash ceo cfa cfd claims cleaning co cocom company
Culture	ninja org charity church club community
Education	health healthcare institute university cancerresearch career careers college courses law lawyer loan loans management marketing mba music scholarships school schule science shiksha study training degree education engineer
Food	vin vodka wine organic cafe catering coffee cooking kitchen kosher menu eat farm fish food bar beer pizza pub recipes rest restaurant

Frontend overview

Search for your domain... GO

CATEGORIES

^

Adult Business Culture Education Food Identity Geographic

Entertainment Professions RealEstate Shopping Fitness Technology

Travel Others

c) Regular domain pricing

Under **Setup > Products/Services > Domain Pricing** you will be able to configure and select the registrar for all the TLDs you want to sell.

Be aware that high-performance domain availability checks using our registrar API will only be provided with the “Ispapi” registrar. A fallback to the WHOIS Lookup will be done otherwise.

Domains/TLDS



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.

TLD	Pricing	DNS Management	Email Forwarding	ID Protection	EPP Code	Auto Registration		
.com	Open Pricing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Ispapi	⬆️	⬇️
.net	Open Pricing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Ispapi	⬆️	⬇️
.org	Open Pricing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Ispapi	⬆️	⬇️
.de	Open Pricing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Ispapi	⬆️	⬇️
.fr	Open Pricing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Ispapi	⬆️	⬇️
.it	Open Pricing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Ispapi	⬆️	⬇️
.asia	Open Pricing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Ispapi	⬆️	⬇️
.mobi	Open Pricing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Ispapi	⬆️	⬇️
.pro	Open Pricing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Ispapi	⬆️	⬇️
.name	Open Pricing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Ispapi	⬆️	⬇️
.travel	Open Pricing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Ispapi	⬆️	⬇️
.aero	Open Pricing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Ispapi	⬆️	⬇️

d) DomainChecker Mode

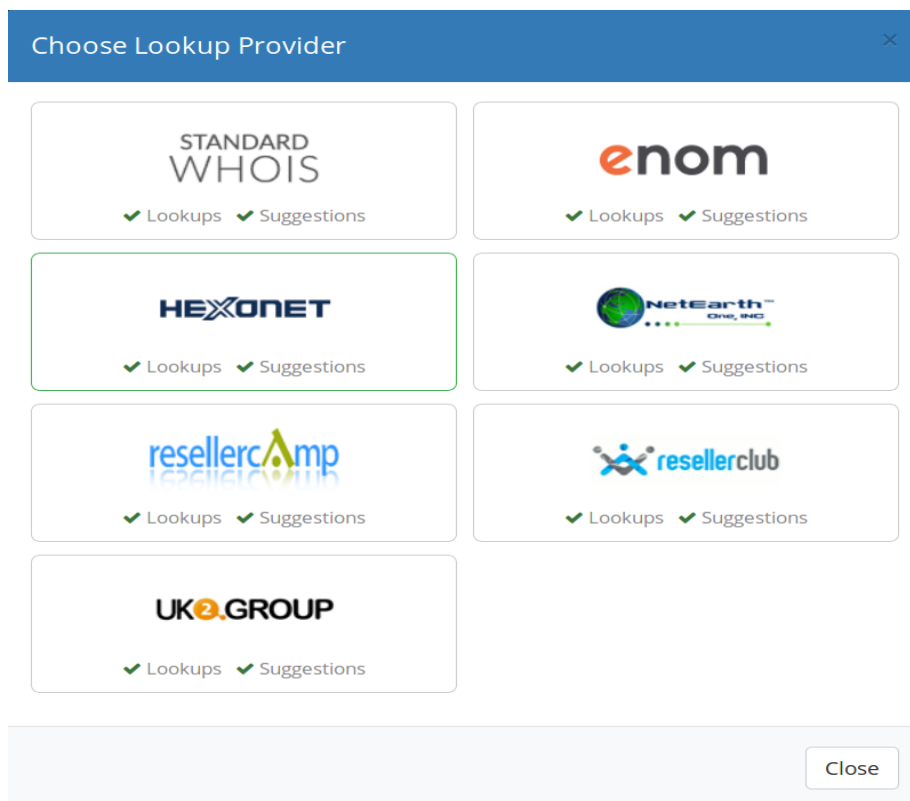
The module provides domain search results based on two different modes

1. **Regular**: regular search with the configured TLDs (default)
2. **Suggestions**: suggestions from our API

Regular mode is configured by default. To activate the suggestion mode, follow the below steps.

- Choose “HEXONET” in the lookup provider suggestions.

([Setup](#) > [Products/Services](#) > [Domain Pricing](#))



- Configure the lookup provider by activating the suggestion engine.

Configure Lookup Provider

HEXONET

Don't have a HEXONET Account yet?
Get one here: <https://www.hexonet.net/sign-up>

The HEXONET Lookup Provider provides the following features:

- High Performance availability checks using our fast API
- Suggestion Engine
- Aftermarket and Registry Premium Domains support
- Fallback to WHOIS Lookup for non-supported TLDs

Suggestion Engine based on search term:
☒ Tick to activate (recommended)

Close

Save

e) Premium Domain pricing

Our ISPAPI DomainChecker Addon supports Premium domain names. You can activate / deactivate them under:

Setup > Products/Services > Domain Pricing

Premium Domains

ON

Configure

In order to add your Markup to the premium prices, use the “Configure” button.

Configure Premium Domain Levels

Premium domain cost prices are fetched in real-time from domain registrar APIs. The price markups are applied as defined below. Markup percentages are based on bands, which can be defined as required

Price <	Markup %		
200.00	10	%	-
500.00	5	%	-
1000.00	7	%	-
>= 1000.00	8	%	
New Price <	New Markup %	%	+

Close

Save

f) Redirect or replace the WHMCS domainchecker file

There are three (3) ways doing this task, please select one (1). We recommend using the first two (2) methods because with the last **you have to resume this task after each module update**.

a) Redirect the file

To redirect the WHMCS domainchecker.php to mydomainchecker.php, add the following Apache configuration into your <VirtualHost> section:

```
RewriteEngine on
RewriteRule /domainchecker.php /mydomainchecker.php
```

b) Add an .htaccess file

Create an “.htaccess” file in your WHMCS installation root directory with the following content:

```
RewriteEngine on  
RewriteRule ^domainchecker.php$ mydomainchecker.php
```

c) Replace the file

Rename the WHMCS domainchecker.php file into domainchecker_save.php, then rename the mydomainchecker.php file into domainchecker.php.

g) Enable Module Debug Logging

We recommend enabling the logging. The module will log all important API commands sent. In case of issues, HEXONET will be able to analyze the case.

Go to **Utilities > Logs > Module Log** and click the "Enable Debug Logging" button.

4. Test your installation

Go to your homepage, fill the search field with a domain and click the “Go” button. If the result looks like the following screen-shot, your installation is a success and you are now ready to start selling domains with your new ISPAPI DomainChecker Addon.

Company Name English Login Register View Cart

Home Store Announcements Knowledgebase Network Status Contact Us Backorders Account

Domain Checker

Portal Home / Domain Checker

washington GO

CATEGORIES

Adult Business Culture Education Food Identity Geographic
Entertainment Professions RealEstate Shopping Fitness
Technology Travel Others

<input type="checkbox"/>	washington.cruises AVAILABLE - PREMIUM	€88.47EUR Renewal: €88.47EUR
	washington.org TAKEN - WHOIS	—
	washington.gold TAKEN - WHOIS	—
<input type="checkbox"/>	washington.net TAKEN - WHOIS - BACKORDER	▼ More
<input type="checkbox"/>	washington.club AVAILABLE - PREMIUM	€8936.55EUR Renewal: €14.75EUR
	washington.pub TAKEN - WHOIS	—
<input type="checkbox"/>	washington.co AVAILABLE - AFTERNIC	€44681.86EUR Renewal: €12.46EUR
<input type="checkbox"/>	washington.guide AVAILABLE - PREMIUM	€138.52EUR Renewal: €138.52EUR
<input type="checkbox"/>	washington.game AVAILABLE	€480.00EUR Renewal: €480.00EUR
	washington.webcam TAKEN - WHOIS	—
<input type="checkbox"/>	washington.dating AVAILABLE - PREMIUM	€138.52EUR Renewal: €138.52EUR
<input type="checkbox"/>	washington.immo AVAILABLE - PREMIUM	€420.02EUR Renewal: €420.02EUR
	washington.international TAKEN - WHOIS	—
<input type="checkbox"/>	washington.camera AVAILABLE	€10.00EUR Renewal: €10.00EUR

Special Features

1. Trigger the search over the URL

In some cases, you may want to be able to trigger a search over the URL, and our module can support that. It is especially useful when you've decided to create a landing page for a special TLD.

Example:

URL: `www.yoursite.com/domainchecker.php?search=test.com&cat=5`

This call will start a search of “test.com” and only display the TLDs configured in the category with ID=5.

Support

If you cannot find what you need here, please visit our online wiki or contact our support, and we will be happy to assist you.

- **Wiki:** wiki.hexonet.net

- **Technical Support:** support@hexonet.net or <https://hexonet.support>