



# ISPAPI Registrar Module

Domain Management using BLESTA & HEXONET

Version **1.0.0 (or later version)**

December 10, 2018



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### ISPAPI Registrar Module

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Version 1.0.0 (or later version)

December 10, 2018

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## Supported Features

The registrar module supports the following functions and features:

- Domain Registration
  - Additional domain fields
- Domain Transfer (with AuthInfo code support)
- Domain Management
  - Domain Locking
  - Update Contact Information
  - Change Nameservers
  - EPP code
- Domain Renewal
- Support for Operational Test and Evaluation environment (OT&E)
- Support for WHOIS Privacy / ID Protection
- Support for additional TLD-specific fields for registration

## Installation

Copy all files from the **install/** subdirectory to your Blesta directory, while keeping the folder structure intact.

E.g.

```
install/components/modules/ispapi/ispapi.php  
=> Your_Blesta_Directory/components/modules/ispapi/ispapi.php
```

## Set up a Cron Job

In order to automate tasks within Blesta, a cron job must be created.

More information on how to set up the cron job, can be found here (section 4):

<https://docs.blesta.com/display/user/Installing+Blesta>

## Configuration

### Reseller Credentials

In the Blesta Admin area, go to

**Settings > Modules > Available**

Install the new registrar "ISPAPI vx.y.z", and enter your HEXONET credentials. You can create your account here: <https://www.hexonet.net/sign-up>

If you want to use the "TestMode", you have to create your OT&E account here: <https://www.hexonet.net/signup-ote>

To enter your credentials, go to

**Settings > Modules > Installed > Ispapi module → Manage > Add Account**

You can add multiple accounts there. Check 'Sandbox' if it represents your OT&E account.

**Edit Ispapi Account**

Basic Settings

User

myhexonetuser

Password

password

☐ Sandbox

Update Account

**Make sure that the account you are using is set to renewal mode AUTOEXPIRE in your Control Panel, otherwise domains might be renewed without being paid for by the customer**

## How to sell domains using Blesta and HEXONET

This link provides general information on how you can sell domains using Blesta and a registrar module: <https://docs.blesta.com/display/user/Selling+Domains>

In the following, you will find example configuration settings for our ISPAPI registrar module in Blesta.

### Create package group

**Packages > Package Groups > + > Create Group**

Example:

Update Package Group

Name  
ISPAPI Package Group

Description

**B I H** Preview

Package Group Description

☒ Allow Upgrades/Downgrades between Packages within this Group

Type  
Standard

Update Group

### Create package

Create a package for each TLD.

**Packages > Browse Packages > + >**

A package contains the TLD, its pricing, the assigned registrar module, a default nameserver configuration etc.

## Basic section of a package

**New Package**

**Basic**

Package Name

Status

Quantity Available  
☐ Unlimited

**Description**

**Configurable Options**

Module

## Module options

**Module Options**

Group

Account

Type

TLDs

Name Server 1

Name Server 2

Name Server 3

Name Server 4

Name Server 5



## Pricing

Pricing

Add Additional Price

Term	Period	Currency	Price	Setup Fee	Cancellation Fee	Options
1	Year	USD	10.00	0.00	0.00	<a href="#">Remove</a>

☐ Taxable

☐ Cancel at end of term

☐ Enable Pro rata ?

You will find your pricing for TLDs in the HEXONET control panel under your account. Click there on your account name at the top right corner > **Billing** > **Prices & Costs** > **Domains**

Note: Please notice that the default registration and renewal period is set to one year (1Y) at HEXONET.

## Group Membership

If you wish to group your package under the created package group, select 'Select from Available Groups' and move the group from the right to left multi-select box.

Group Membership

A package must belong to at least one group to be usable.

☒ Select from Available Groups ☐ Create a New Group

Member Groups

ISPAPI package group

Available Groups

Create Package

Now click on 'Create Package' to create the package.

## Create order form

[Packages](#) > [Order Forms](#) > + > [Add Form](#)

### Basic

**Order System - Add Form**

**Basic**

Status

☒ Active ☐ Inactive

Name

isapi order form

Label

isapi

http://<your Blesta path>/order/main/index/isapi

**Description**

Visibility

Public

Type

Domain and Other

Set 'Type' to 'Domain and Other' for selling domains in the order form.

## Template

Select a template of your choice. Template selection and configuration of other available options are described here in more details:

<https://docs.blesta.com/display/user/Selling+Domains> in the section 'Create an order form > Basic'.

Template

Drag to select a different package.

Quad Core i5-760

8GB RAM  
2x1TB SATA Storage

☐ AJAX Slider  
Preview

Starting at  
\$175.00 USD

8GB RAM  
2x1TB SATA Storage  
5TB Bandwidth

Selected

☐ AJAX Boxes  
Preview

cPanel Shared Hosting

Select a package and then configure it down i

Bronze Standard

☐ AJAX List  
Preview

Step 1  
Choose your plan

Shared Hosting

Silver Hosting  
1GB Read 10 Disk  
100GB monthly transfer  
10 Domains

☐ Standard  
Preview

Drag to select a different package.

Quad Core i5-760

8GB RAM  
2x1TB SATA Storage

☐ Wizard Slider  
Preview

Quad Core i5-760

Starting at  
\$175.00 USD

8GB RAM  
2x1TB SATA Storage  
5TB Bandwidth

Selected

☐ Wizard Boxes  
Preview

cPanel Shared Hosting

Select a package and configure it down i

Bronze Standard

Choose your billing cycle.  
1 Month @ \$8.00 USD

☒ Wizard List  
Preview

Default Client Group

General ?

☐ Allow Coupons

☐ Require Manual Review and Approval of All Orders

☐ Force Secure Connection (HTTPS)

☐ Require Human Verification Challenge for All Signups

☐ Require Agreement to Terms of Service

Terms of Service URL

## Domain Package Group

The screenshot shows the 'Domain Package Group' section with a dropdown menu set to 'ISPAPI package group'. Below it is the 'Package Groups' section, which contains two columns: 'Assigned Groups' and 'Available Groups'. Both columns have a 'Drag & Drop Groups Here' header and a large grey area for dragging. The 'Available Groups' column currently contains the 'ISPAPI package group'. A double-headed arrow is positioned between the two columns.

In the 'Domain Package Group' section, select your package group under 'Domain Package Group'. 'Package Group' section is only required when you want to sell hosting as well as domains. In our example, we are only focusing on selling domains, so that we do not assign a group there.

## Currencies and Gateways

See the Blesta documentation <https://docs.blesta.com/display/user/Selling+Domains>.

The screenshot shows the 'Currencies' section with checkboxes for AUD, EUR (checked), GBP, INR, JPY, and USD (checked). Below it is the 'Gateways' section with checkboxes for 'Offline Payment' and 'PayPal Payflow Pro'. An 'Add Form' button is located at the bottom right.

## Search example

On the **Blesta client area** > **Order**

Type your term, check TLDs from the selection and click on 'Check Availability'. To transfer a domain click on 'Transfer' button.

### Ispapi Order Form

#### Q Check Domain Availability

Start by searching for a domain, or skip this step by clicking "Order Other Items".

☐ .eco ☒ .com ☒ .de

Q Check Availability ➡ Transfer ⏏ Skip, Order Other Items

✔ Congratulations, that domain is available.

<input type="checkbox"/>	Domain Name	Status	Term
<input type="checkbox"/>	kitchen.com	🚫 Not Available	1 Year @ \$20.00 USD
<input checked="" type="checkbox"/>	kitchen.de	✅ Available	1 Year @ \$10.00 USD

Order Selected »

## Add/Transfer Domain on Admin area

In the admin area, go to

**Clients** > **select your client** > **Add Service** > **select package from the package group** > **Continue**

Enter the Term, Status as Active, Domain Name and Nameservers. Click on Continue. On the next page, click on 'Add Service' to register the domain name.

**Add Service: IspapiPackage**

**Basic Options**

Invoice Method  
☒ Create Invoice ☐ Append to Invoice 70 ☐ Do Not Invoice

Term  
1 Year - \$10.00 USD

Status  
Active

☒ Provision using the Ispapi module when activated  
☒ Send order confirmation email when activated

**Ispapi Options**

Domain Action  
☐ Register ☐ Transfer

Domain Name  
kitchen.de

Name Server 1  
ns1.ispapi.net

Name Server 2  
ns2.ispapi.com

Name Server 3

Name Server 4

Name Server 5

Local Presence  
Registrant and/or Admin-C are domiciled in Germany / Use Local Presence Service

Continue

To transfer a domain, click on the 'Transfer' radio button. It allows you to enter the EPP code for the domain name.

**Add Service: IspapiPackage**

**Basic Options**

Invoice Method

☒ Create Invoice ☐ Append to Invoice 

81

☐ Do Not Invoice

Term

1 Year - \$10.00 USD

Status

Active

☒ Provision using the Ispapi module when activated

☒ Send order confirmation email when activated

**Ispapi Options**

Domain Action

☐ Register ☒ Transfer

Domain Name

kitchen.de

EPP Code

xxxxxx

Name Server 1

ns1.ispapi.net

Name Server 2

ns2.ispapi.net

Name Server 3

Name Server 4

Name Server 5

Local Presence

Registrant and/or Admin-C are domiciled in Germany / Use Local Presence Service

Continue

## Add Service: IspapiPackage

ISPAPI package group

Invoice Method: Create Invoice

Send Order Confirmation Email: Yes

Status: Active

Description	Quantity	Price
IspapiPackage (Dec 07, 2018 - Dec 07, 2019)	1	\$10.00

Coupon Code

Update

Sub Total: \$10.00 USD

**\$10.00 USD**

Edit

Add Service



## Manage Domain Names

[Clients](#) > [select your client](#) > [Manage](#) >

Domain information at HEXONET

Domain information at HEXONET includes status and expiry date of a domain at HEXONET. You can find it under 'Basic Options' page of a domain name.

Domain data at your registrar system:

Status

Active

Expiry Date

2019-12-10

### Renew a Domain

To manually renew a domain from Blesta, select time period from the drop down list and click on 'Save' in the 'Basic Options' page of a domain name.

Manually Renew (select years)

1Y ▾

## Contact information of a domain

**Clients** > **select your client** > **Manage** > **Whois**

Contact information of a registered domain name can be found in the 'Whois' tab. The ISPAPI registrar module allows you to modify the contact information and save the changes. These changes automatically sync to the HEXONET system.

**Manage Service: IspapiPackage - kitchen-home.com**

**Basic Options** | **Add-ons (0)** | **Whois** | **Name Servers** | **Settings**

**Registrant**

First Name

John

Last Name

Müller

Company Name

ABC GmbH

Address 1

445 Mount Eden Road

Address 2

City

Mount Eden

State/Province

Postal Code

Country

Auckland

Phone

+49.546456666666x6666

Email

email@gmail.com

## Name Servers of a domain

**Clients** > **select your client** > **Manage** > **Name Servers**

Name servers of a registered domain name can be found in the 'Name Servers' tab. The ISPAPI registrar module allows you to modify this information and save the changes. These changes automatically sync to the HEXONET system.

The screenshot shows the 'Name Servers' tab for the domain 'kitchen-home.com'. The interface includes a header bar with the title 'Manage Service: IspapiPackage - kitchen-home.com' and a navigation menu with tabs: 'Basic Options', 'Add-ons (0)', 'Whois', 'Name Servers' (selected), and 'Settings'. Below the tabs, there are five input fields for Name Servers 1 through 5. The first three fields contain the text 'ns1.ispapi.net', 'ns2.ispapi.net', and 'ns3.ispapi.net' respectively. The last two fields are empty. An 'Update Name Servers' button is located at the bottom right of the form.

## Settings of a domain

Settings of a domain include – Registrar Lock, EPP code, Whois Privacy settings.

Whois privacy setting will only be displayed if the TLD supports that setting. These settings of a registered domain can be found in the 'Settings' tab.

The ISPAPI registrar module allows you to modify this information and save the changes. These changes automatically sync to the HEXONET system.

The screenshot shows the 'Settings' tab for the domain 'kitchen-home.com'. The interface includes a header bar with the title 'Manage Service: IspapiPackage - kitchen-home.com' and a navigation menu with tabs: 'Basic Options', 'Add-ons (0)', 'Whois', 'Name Servers', and 'Settings' (selected). Below the tabs, there are settings for 'Registrar Lock' and 'Whois Privacy'. The 'Registrar Lock' section has a radio button selected for 'Set the registrar lock. Recommended to prevent unauthorized transfer.' and a text input field for 'Request EPP Code/Transfer Key'. The 'Whois Privacy' section has an unchecked checkbox. An 'Update Settings' button is located at the bottom right of the form.

## Additional domain fields

The registration of some extensions requires additional domain fields. (e.g. Legal Type for a .CA domain etc.) in special cases.

Additional fields are already included in the module. When you enter a domain to register, the additional fields will be automatically displayed.

## 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](http://wiki.hexonet.net)

- **Technical Support:** <https://hexonet.support> or [help@hexonet.support](mailto:help@hexonet.support)