HEXONET

Hexonet Registrar Module

Domain Management using Parallels Plesk Billing & HEXONET

Version 1.0.0 (or later version)

October 22, 2014

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HEXONET GmbH
Talstrasse 27
66424 Homburg
Germany

E-Mail: support@hexonet.net
Internet: http://www.hexonet.net

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Supported Features

The registrar module supports the following functions and features:

- Domain Registration
    - Support additional domain fields
- Domain Transfer
- Domain Management
    - Domain locking
    - Update Contact Information (with UTF-8 support)
    - Change Nameservers
- Domain Renewal
    - Configure Auto Renewal
- DNS Management
    - Record-Types: A, AAAA, CNAME, MX, TXT
- URL Redirect
- Email forwarding
- Support for testing environment

Installation

Copy the file "hexonet.php" and "hexonet_additionalfields.php" to:

```
PATH_TO_PLESK_BILLING/lib/lib-mbapi/include/modules/registrar/
```

Configuration

Within the Parallels Plesk Billing admin area, go to **All Settings** => **Domain Registrars**

Click on **Add New Registrar** Select the "HEXONET" registrar and fill out the form as follow:

If you want to work in test mode, check the "Work in test mode" option, create an OTE account on our website: https://www.hexonet.net/signup-ote (FREE) and finally enter your credentials.

If your want to work in productive mode uncheck the "Work in test mode" option, create an REAL account on our website: https://www.hexonet.net/sign-up (FREE) and finally enter your credentials.

Don't forget to fill the three different contacts (Administrative, Technical and Billing) and the different name servers.

If you don't have your own name servers you can use our name servers. (ns1.hexonet.net, ns2.hexonet.net, ns3.hexonet.net)

Make sure that the account you are using is set to renewalmode AUTOEXPIRE in the Hexonet Control Panel. (cp.hexonet.net) Otherwise domains might be renewed without being paid for by the customer

You have now to configure all the TLDs you want to sell. In order to do that please go to **All Settings** => **Supported TLDs**

Click on **Add TLD** and configure your TLD as follow:

Name: com

TLD name is a label visible only to administrators that identifies a domain extension (com, net, org, and so on) assigned to your plans. Typically, it coincides with a domain extension. If you want to offer services of different registrars for the same zone, create a new TLD and choose another name for it, for example, com-provider_name.

Registrar name: HEXONET

Domain Extension: com

☑ Active

Active TLDs can be added to domain registration plans.

Whois server: [   ]

A URL that online stores open to check the availability of a domain name. The system opens this URL, searches for the fragment you specify below, and tells the domain name availability depending on the search results. In this field, you can use the following placeholders: %%domain%%, %%domainTLD%%, %%domainSLD%%.

Whois response fragment indicating that domain name is available: [   ]

Whois match rule:
○ Whois response should contain fragment
○ Whois response should not contain fragment

☑ Auto search

The auto search feature automatically searches for available TLDs. For example, if you have active .com and .net TLDs and this feature is enabled, the system will attempt to check both .com and .net extensions.

☑ Is transferable

If TLD is not transferable, online store will hide the ability to transfer existing domain name for this TLD.

Transfer verification method: Code

Registrar will use this method to assure that transfer request came from an authorized source.

Transfer minimum term: 1 Year

Minimum registration period: 1 Year

Maximum registration period: 10 Years

Registration renewal type: Disabled

☑ IDN support

Enable international domain names (non-Latin characters in domain names) for this TLD.

IDN provider name: Punycode

☑ Use domain transfer lock

Of course if you want to use Hexonet as registrar don't forget to select "HEXONET" in the Registrar name.

Once all your TLDs configured, you will be able to configure your prices (under **All Settings** => **Advanced Pricing**) and start selling domains with us.

Additional domain fields

The registration of some extension requires sometimes additional domain fields. (e.g. Legal Type and CIRA Agreement for .CA domain)

In order to provide this additional fields on the registration page and map them with our module you have to extend the **$additionaldomainfields** array in the **hexonet_additionalfields.php** file.

Our module supports the following list of parameters:

- **Name** (string): Name of the field on the website

- **Type** (string): Type of the field
  - text
  - checkbox
    (Required won't work with checkbox, you have to simulate it with a dropdown, see the example bellow)
  - radiobox
  - dropdown

- **Description** (string): The description will be displayed on the website under the field.

- **Ispapi-Name** (string): Name of the additional field in our system (e.g. "x-us-nexus-category")

- **Ispapi-Options** (string): Pipe-separated list of values, the order must match the ones in **Options**. (e.g. "C1|C2|C3")

- **Options** (string): Pipe-separated list of options. (e.g. "C1 - Option 1|C2 - Option 2|C3 - Option 3")

- **Default** (string): Default value.

- **Required** (boolean): To make the field required or not.

Our module is delivered with three preconfigured TLDs: .CA, .PRO and .US.
This preconfigured TLDs will assist you configuring others additional domain fields.

Examples:

```
// maps the "Profession" value on the Ispapi parameter
// "x-pro-profession".
$additionaldomainfields[".pro"][] = array(
     "Name" => "Profession",
     "Type" => "text",
     "Description" => "",
     "Ispapi-Name" => "x-pro-profession",
     "Default" => "",
     "Required" => true,
);


// maps the ".PRO user terms" value on the Ispapi parameter
// "x-pro-accept-tou".
// If you leave this field blank you will have a error message.
// By this way you can simulate a required checkbox.
$additionaldomainfields[".pro"][] = array(
     "Name" => ".PRO user terms",
     "Type" => "dropdown",
     "Description" => "You have read, understood and agree to the
.PRO user terms at: <a href=http://www.registry.pro/legal/user-terms
target=_blank>http://www.registry.pro/legal/user-terms</a>",
     "Ispapi-Name" => "x-pro-accept-tou",
     "Ispapi-Options" => "|1",
     "Options" => "|I agree to the .PRO user terms",
     "Default" => "",
     "Required" => true
);


// maps the "Application Purpose" value on the Ispapi parameter
// "x-us-nexus-apppurpose".
// e.g. for "P3 – Personal Use": x-us-nexus-apppurpose=P3
$additionaldomainfields[".us"][] = array(
     "Name" => "Application Purpose",
     "Type" => "dropdown",
     "Ispapi-Name" => "x-us-nexus-apppurpose",
     "Ispapi-Options" => "|P1|P2|P3|P4|P5",
     "Options" => "|P1 - Business use for profit|P2 - Non-profit
business, club, association, religious organization, etc.|P3 -
Personal Use|P4 - Educational purposes|P5 - Government purposes",
     "Default" => "",
     "Required" => true);
```

Support

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

- Wiki: wiki.hexonet.net
- Technical Support: support@hexonet.net