Tools 4 ISP

Simple solutions for complex connections

WHMCS RRPproxy Module
- Installation and Userguide

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1. Introduction WHMCS RRPproxy Module

First of all, thank you for purchasing our WHMS RRPproxy Module. With this module you can manage your RRPproxy domainnames trough your WHMCS admin panel.After installed this module you'll be able to control directly the following options from your WHMS regarding the RRPproxy domainnames registered at the RRPproxy registrar.

1.1 Functions WHMCS RRPproxy Module

- Register domain name
- Domain name transfer
- Domain name cancel
- Domain name renewal
- Provide EPP Code
- Set renewal properties
- Managing DNSsec settings
- Managing DNS Settings (coupling with PowerDNS)
- Changing Name Servers
- Automatic Name Server change after incoming transfer
- Change contact information (holder/tech/admin)
- Automatically process incoming transfers

Before you start following this user guide, check if theRRPproxy Module version number of this user guide matches with your RRPproxymodule version number. (version number user guide: see bottom frontpage, version RRPproxy Module: see setup -> products/services -> domain registrars).

1.2 System requirements

System requirements:

- PHP 7.1+
- PHP mcrypt
- MySQL (5+)
- PHP MySQLi
- Ioncube loader (current version)
- WHMCS installation (> version 6.0 - up to and including version 7.10.2)
- Tools4ISP module (same version as this module version)
- PowerDNS (if used Mananging DNS)

This module is fully tested with WHMCS v7.10.2 and PHP v7.2.4 (from Debian, with Zend OPcache). The modules might work with other versions, however we can't really support it in dept and we can't guarantee it.

2. Installation WHMCS RRPproxy Module

Before you start the installation , you must first collect the following required information:

- RRPproxy User name
- RRPproxy Password
- RRPproxy Host name (epp.rrpproxy.net)
- RRPproxy Portnumber (700)
- RRPproxy handles (contact handles)
- Tools 4 ISP RRPproxy License key

If used DNS (PowerDNS) and/or DNSsec You'll need also the following information:

- MySQL DNS user name
- MySQL DNS Password
- MySQL DNS Host name
- MySQL DNS Database name

- MySQL DNSsec user name
- MySQL DNSsec Password
- MySQL DNSsec Host name
- MySQL DNSsec Database name

Before you install the WHMCS RRPproxy Module (or any other registrar module developed by Tools4ISP), you'll need to install the Tools4ISP module, this module handles the configuration of our software. The Tools4ISP module is attached by your WHMCS RRPproxy Module purchase.

2.1 DNSsec and nameserver database prepation

DNSsec and PowerDNS as nameserver:

If used DNSsec support in combination with powerDNS, add the required DNS rows to your PowerDNS database by running the following MySQL file (use the config from your database):

https://github.com/tools4isp/dnsshop/blob/master/powerdns.sql

After you've added the rows run the following scripts (and use the config from your database):

https://github.com/tools4isp/dnsshop/blob/master/cron/pdnssec-pushdnssec.php
https://github.com/tools4isp/dnsshop/blob/master/cron/pdnssec-rectify.php

DNSsec and other nameserver:

If used DNSsec in combination with another nameserver, use the following code to add the required tables to your database:

```
CREATE TABLE `domains` (
 `id` int(11) NOT NULL,
 `name` varchar(255) NOT NULL,
PRIMARY KEY (`id`),
KEY `name_index` (`name`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1 AUTO_INCREMENT=1 ;

CREATE TABLE IF NOT EXISTS `dnssec` (
 `id` bigint(255) NOT NULL auto_increment,
 `domainid` int(255) NOT NULL,
 `type` varchar(10) default NULL,
 `record` varchar(255) NOT NULL,
PRIMARY KEY (`id`),
KEY `domainid` (`domainid`,`type`)
) ENGINE=MyISAM DEFAULT CHARSET=latin1 AUTO_INCREMENT=1 ;
```

2.2 Upload/Install the required Tools4ISP add-on.

The Tools4ISP is a separated module that is required to run the RRPproxy module. It contain several configuration settings and handles your license. Without the Tools4ISP module the RRPproxy module will not work. You can download the Tools4ISP module free at your Tools4ISP client area.

Upload the extracted files in your WHMCS installation in:
<WHMCS root>/modules/addons/tools4isp/

For installing and step-by-step instructions, see the separate manual for Tools4ISP.

2.3 Upload the WHMCS RRPproxy Module

Extract the WHMCS RRPproxy Module youcan download from your my.tools4isp.com area.

Upload the extracted files in your WHMCS installation in:
<WHMCS root>/modules/registrars/rrp/(not RRPproxy)

If files exists, choose overwrite files.

ⓘ **Before updating the RRPproxy Module, always make a backup and read carefully the release notes.**

2.4 Configure the WHMCS RRPproxy Module

To enable the registrar module, login to your admin area and go to : "Setup" > "Products/Services" > "Domain registrars".

Here you'll see a list of registrars.
Find the **RRPproxy** registrar and click on the button "Activate".

Now Configure the Tools4ISP module, click on the tab
"**Addons"** and select "**Tools4ISP**"
(if you can't see Tools4ISP, you'll need to refresh the page).

Select the module you want to configure at the left: **RRPproxy** and fill in all the fields with the collected information from section 2. The other items listed under configuration will depend on the modules that are taken from tools4ISP.
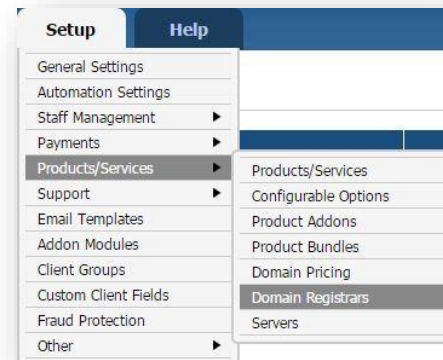
Configure your accountdetails you've got from **RRPproxy** in the matching fields.

Configure all other fields on this page where necessary, behind the fields you see the description. Below additional information for some fields:

DebugMode:	All communication with RRPproxy will be visible under screen including passwords.
DebugMode2:	All communication with RRPproxy will be sent to tools4ISP including passwords.

After filling out the required fields , click on "**Save configuration**"

3. Updating the WHMCS RRPproxy Module

ⓘ **The current configuration will be lost by updating from version prior to 2.0.**

When updating the WHMCS RRPproxy module (or WHMS), always read carefully the release notes. By updating WHMCS RRPproxy, only the updated files will be overwritten (your current settings will not be overwritten).

When you updating WHMCS, always first update WHMCS, then update the WHMCS RRPproxy Module.

3.1 Update WHMCS

When you updating WHMCS, always first update WHMCS, then update the WHMCS RRPproxy Module.

Before updating WHMCS always check whether the RRP proxy module is compatible with the version of WHMCS. Preferably switch off the automatic updating option of WHMCS.

4. Setup registrar for the extensions

For coupling the several extensions to RRPproxy you'll have to set up the section "Domain Pricing". Add the wanted extension in the TLD field (example .com) and switch the "Auto Registration" dropdown to RRPproxy as below. You can add only extensions that RRPproxy offers:
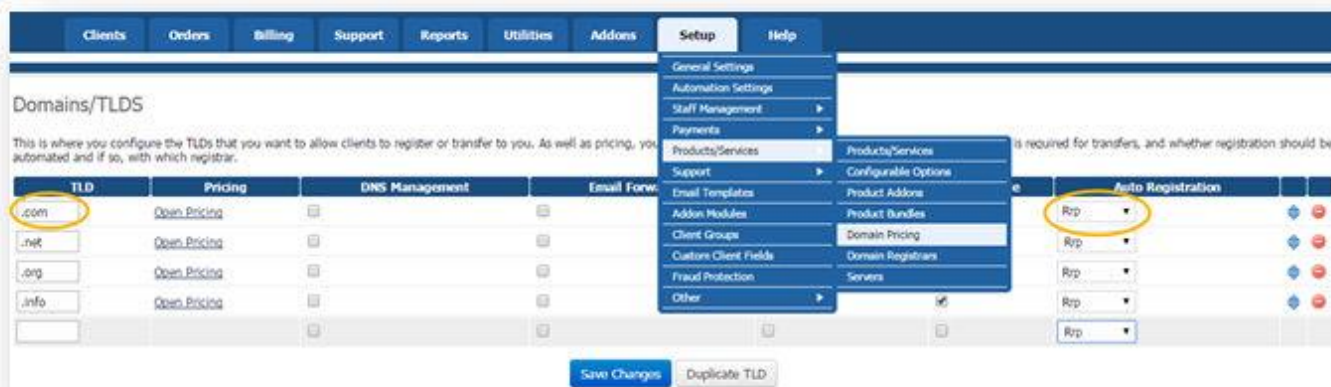
5. Extra Options

Once you installed the WHMCS RRPproxy module, and you'll open the details of any domainname registered by RRPproxy, you'll see an extra block with additional options:
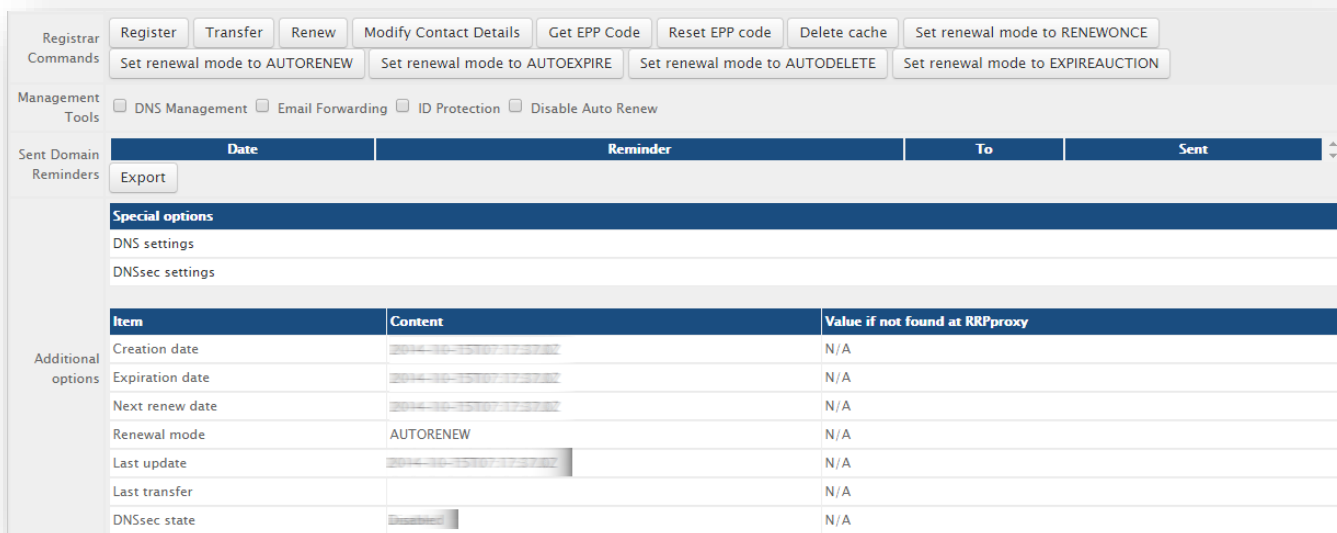
Details and explanation of the **Register Commands** buttons:

Register	Register the domainname by RRPproxy
Transfer	Transfer the domainname to RRPproxy
Renew	Renew the domainname
Modify Contact Details	Modify the contact details (whois) for this domainname directly by RRPproxy
Get EPP Code	Get the EPP (Authorization/Transfer) code for this domainname
Reset EPP code	Reset the EPP (Authorization/Transfer) code for this domainname
Delete Cache	Delete the cache in WHMCS for this domainname
Renewal Buttons:	
RENEWONCE	Renew the domain automatically once
AUTORENEW	Renew the domain automatically on expire date
AUTOEXPIRE	Expire the domain automatically on expire date
AUTODELETE	Delete the domain automatically on expire date
EXPIREAUCTION	

Special Options: If you've set coupled PowerDNS, you can manage the DNS for this domainname directly here.

6. Language files

Add the language override files (located in lang/overrides) in <WHMCS root>/lang/overrides/. If there is already a file you might want to combine them.

Move all other files to:/**modules/registrars/rrp/**

7. RRPproxy Synchronization

Create a cronjob that runs regularly (for example daily), and which has 1 or more of the supported options.The cron to run can be found in the following file:

WHMCS_ROOT/modules/registrars/rrp/rrp_sync.php

The current options are:

compare	To compare WHMCS with RRPproxy and if dates are different or domains are missing at the other location it will provide information.
replacedate	When combined with compare the dates in WHMCS will be updated with the dates from RRPproxy
dnssec	Enable dnssec on the required domains as set in the dnssec table, dnsshop also has to work.
donotrenew	Disable autorenew at RRPproxy if it is disabled in WHMCS and enabled at RRPproxy
dorenew	Immediately autorenew at RRPproxy if it is enabled in WHMCS and disabled at RRPproxy.
setrenew	Set renew at RRPproxy if it is enabled in WHMCS and disabled at RRPproxy.
noverbose	To disable output from the script (possible except PHP errors, depending on WHMCS/your PHP configuration). The noverbose option is intended for a cron job and not to use otherwise.

Example of a cronjob:

```
cronjob: 30 2 * * * /usr/bin/php /var/www/modules/registrars/rrp/rrp_sync.php dnssec donotrenew dorenew noverbose
```

8. Product development

Our goal is to deliver the best possible product. So help us to improve this product. Did you find a bug, or you've a feature request or other comment regarding this product, please feel free to contact us and let us know at info@tools4isp.com

8.1 Changes and fix history

Feature/Bugfix description	Status	Ver.
Multiple improvements in source code	Fixed	2.11
Issue failure date when lost connection	Fixed	2.10
Added several options cron	Added	2.10
Various layout parts improved	Fixed	2.9
DNSSec key input problem fixed	Fixed	2.9
Userguide expanded with additional information functions	Added	2.9
Modify domain contact details name fields (natural person and organization) merged	Fixed	2.9
Contact details phonenumber format issue solved	Fixed	2.8
Language file modified	Fixed	2.8
Ioncube version issues	Fixed	2.8
DNSsec table issue	Fixed	2.8
Support for PHP 7.6.1	Fixed	2.8
Extra field added for registration .es extension	Added	2.7
Ioncube version conflict	Fixed	2.7
DNSsec tables preparation	Fixed	2.7
Phone number format issue	Fixed	2.6
License issue	Fixed	2.6
Supporting PHP V7.2	Fixed	2.6
Fix possible loop connection	Fixed	2.5
DNS support Fix	Fixed	2.5
Phonenumber field fix	Fixed	2.5
Incomming transfers fixed	Fixed	2.4
Transfer cron fixed	Fixed	2.4
Renew cron fixed	Fixed	2.4
Max connection fix	Fixed	2.2

DNS default language added	Fixed	2.2
DNS template improved	Fixed	2.2
Renew period fix, add 1 year registrar and WHMCS renewal field	Fixed	2.2
Support for WHMCS version 7	Added	2.1
Error handling	Fixed	2.1
Whois message line (3x)	Added	2.0
Whois reseller URL	Added	2.0
Whois reseller name	Added	2.0
Config settings merged, all main configuration now configured by tools4ISP module	Added	2.0
DNSsec status now in realtime	Added	2.0
Rebuild refresh content to get current data	Added	2.0
Phonenumber country code list	Added	2.0
Major error handlings added	Added	2.0
Modify contact handle doesn't work properly	Fixed	2.0
Phonenumber county code entry bug	Fixed	2.0
Config page shows default values	Fixed	2.0
DNSsec selection field always off (even when its on)	Fixed	2.0
Debug option has been added with information by mail	Added	1.9
Debug option with info on screen	Added	1.9
Added Cache (option to change the cache period)	Added	1.9
Clear message when it comes to a license error (one session as admin are required to see the message)	Added	1.9
Adding DS record in standard list of supported types of records	Added	1.9
Extra information fields: creation date, expiration date, next renew date, renewal mode, last update, last transfer, DNSsec state	Added	1.9
Renewal now manageble from WHMCS	Added	1.9
Blank page after removing /transfer domain	Fixed	1.9
Cache license status for 1 hour to reduce connection for license checks	Added	1.8
Cache license status for 1 week to keep everything working with a (short) network/server issue	Added	1.8
update notes didn't say to include domains in the license manager on My Tools 4 ISP	Fixed	1.7
cronjob operations don't always work correct (might give errors)	Fixed	1.7
Trial license available	Added	1.6
It now requires ioncube to work	Added	1.6
Support PHP 5.2 on Windows (was already supported on Linux)	Fixed	1.6
Option to set autorenew on/off (force) at RRPproxy	Fixed	1.6
Show fax number	Fixed	1.5
Make fax number optional	Fixed	1.5

Check if domain already is in your account before trying to register/transfer a domain, this solves multiple errors	Fixed	1.4
release_notes.txt	Added	1.3
update.txt	Added	1.3
Remove DNSsec data on name server change	Fixed	1.3
Various bugfixes	Fixed	1.3
Version check under Setup -> Products/Services -> Domain registrars	Added	1.2
Readme.txt to point to these files, list a newer WHMCS version as supported	Added	1.2
Added DNSsec support for client	Added	1.1
Various bug fixes	Fixed	1.1
First version available for public (includes DNSsec support for the client)		1.0

8.2 Version and release history

Version:	Release date:	added	Fixed	WHMCS version*
2.11	27 may 2020	0	1	v7.10.2
2.10	19 dec 2019	1	1	v7.8.3
2.9	6 nov 2019	1	3	v7.8.3
2.8	14 nov 2018	0	5	v7.6.1
2.7	1 aug 2018	1	2	v7.5.2
2.6	1 june 2018	0	3	v7.5.0
2.5	24 nov 2017	0	3	v7.4.1
2.4	6 sept 2017	0	3	v7.1.2
2.3	6 jun 2017	0	0	v7.1.2
2.2	18 april 2017	0	4	v7.1.2
2.1	31 dec 2016	1	1	v7.1.0
2.0	1 aug 2016	5	5	v6.3.1
1.9	10 Jun 2015	7	1	v5.3.14
1.8	24 Oct 2014	2	-	v5.3.10
1.7	17 Oct 2014	-	2	v5.3.10
1.6	15 Oct 2014	2	2	v5.3.10
1.5	28 Mar 2014	-	2	v5.0.3, v5.1.2 and v5.2.8
1.4	20 Mar 2014	-	1	v5.0.3, v5.1.2 and v5.2.8
1.3	11 Mar 2014	2	2	v5.0.3 and v5.1.2
1.2	30 Jan 2014	2	-	v5.1.2
1.1	31 Dec 2013	1	1	v5.1.2
1.0	May 2012	-	-	-

* Supported WHMCS version, other versions might work but are not guaranteed.

9. Support

This module can also be installed by the Tools 4 ISP professionals for additional charges, contact us for more information. If you've suggestions to improve this module please let us know.

Description	One time	Yearly	Apiece
Module license (includes 1 year Update downloads and support contract free)	€ 200,-		
Module installed by Tools4ISP	+ € 30,-		
* Update downloads and support contract		€ 50,-	
Update installed by Tools4ISP			+ € 30,-

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