

Tools 4 ISP

Simple solutions for complex connections

WHMCS RRPproxy Module

- Installation and Userguide

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Table of contents

1. Introduction WHMCS RRPproxy Module	3
1.1 Functions WHMCS RRPproxy Module	3
1.2 System requirements.....	3
2. Installation WHMCS RRPproxy Module	4
2.1 Upload/Install the required Tools4ISP add-on.....	4
2.2 Upload the WHMCS RRPproxy Module.....	5
2.3 Configure the WHMCS RRPproxy Module	6
3. Updating the WHMCS RRPproxy Module	8
3.1 Update WHMCS.....	8
4. Setup registrar for the extensions.....	9
5. Extra Options	10
6. Language files.....	11
7. RRPproxy Synchronization.....	12
8. Product development	13
8.1 Changes and fix history	13
8.2 Version and release history	15
9. Support.....	16
Disclaimer.....	16

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 the RRPproxy 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 5.4+
- PHP mcrypt
- MySQL (5+)
- Ioncube loader (current version)
- WHMCS installation (> version 6.0 - up to and including version 7.4.1)
- Tools4ISP module (version 2.0 or higher)

This module is fully tested with WHMCS v7.4.1 and PHP v7.0.14-2 (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 (like PowerDNS) You'll need also the following information:

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

If used DNSsec support, 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>

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 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.

2.2 Upload the WHMCS RRPproxy Module

Extract the WHMCS RRPproxy Module you can 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.

 **By updating the RRPproxy Module, always read carefully the release notes.**

2.3 Configure the WHMCS RRPproxy Module

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

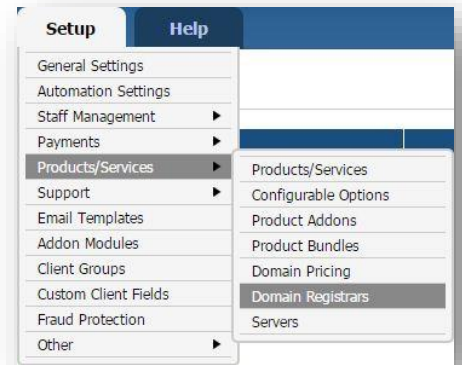
Here you'll see a list of registrars.

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.



The image shows the WHMCS interface for configuring the Tools4ISP module. The 'Addons' tab is selected, and 'Tools4ISP' is chosen from the dropdown menu. The 'RRPProxy' option is circled in the left sidebar. The main configuration area is titled 'RRPProxy configuration' and contains various fields for user information, host details, and DNS settings. The 'Save configuration' button at the bottom is also circled. An orange arrow points from the 'Tools4ISP' menu item to the configuration page.

Field	Value
User name	
Password	
Host name	epp.rrpproxy.net
Port number	700
License key	
MySQL DNS user name	
MySQL DNS Password	
MySQL DNS Host name	
MySQL DNS Database name	
DNS account list	
DNS standard TTL	900
Supported DNS record types	AAAA,CNAME,NS,A,MX,TXT
Your tech handle	
Handle to use for registrations if contact is wrong	
Your billing handle	
Fallback phone number	
Cache time, set to 0 to disable cache	3600
Whois message line 1	
Whois message line 2	
Whois message line 3	
Whois reseller name	
Whois reseller URL	
Enable DNS support	<input type="checkbox"/>
Enable DNSsec support	<input type="checkbox"/>
Replace nameservers after transfer	<input type="checkbox"/>
Enable DebugMode	<input type="checkbox"/>
Enable DebugMode2	<input type="checkbox"/>
Create DNS zone after registration and transfer	<input type="checkbox"/>


Configure your account details 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.

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:

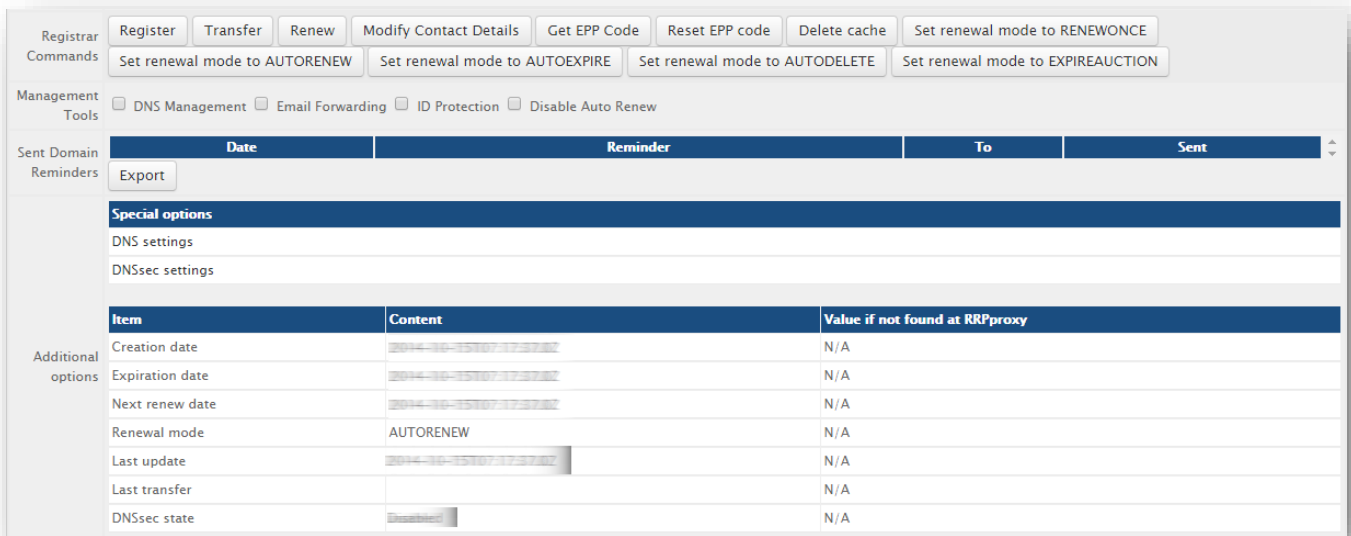
The screenshot displays the "Domains/TLDS" configuration page. The table below shows the configuration for several TLDs:

TLD	Pricing	DNS Management	Email Forwarding	Auto Registration
.com	Open Pricing	<input type="checkbox"/>	<input type="checkbox"/>	Rrp
.net	Open Pricing	<input type="checkbox"/>	<input type="checkbox"/>	Rrp
.org	Open Pricing	<input type="checkbox"/>	<input type="checkbox"/>	Rrp
.info	Open Pricing	<input type="checkbox"/>	<input type="checkbox"/>	Rrp
		<input type="checkbox"/>	<input type="checkbox"/>	Rrp

At the bottom of the table, there are buttons for "Save Changes" and "Duplicate TLD".

5. Extra Options

Once you installed the WHMCS RRPproxy module, and you'll open the details of anydomainname 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/registrar/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.
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/registrar/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.
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 manageable 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*
2.5	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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