

# Tools 4 ISP

*Simple solutions for complex connections*

## WHMCS RRPproxy Module - Installation and User guide

### CONTACT

Tools 4 ISP  
Gyroscoopweg 134-140  
1042 AZ Amsterdam  
The Netherlands

E-mail: [info@tools4isp.com](mailto:info@tools4isp.com)  
KVK: 34255993  
BTW: NL8169.75.851.B01

### BANK

Giro: 4871672  
IBAN: NL15 INGB 0004871672  
BIC: INGBNL2A

## Table of contents

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

# 1. Introduction WHMCS RRPproxy Module

First of all, thank you for purchasing our WHMS RRPproxy Module. With this module you can manage your RRPproxy domain names through your WHMCS admin panel. After installing this module you'll be able to control directly the following options from your WHMS regarding the RRPproxy domain names 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 RRPproxy module 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 7.1.2)
- Tools4ISP module (version 2.0 or higher)

This module is fully tested with WHMCS v7.1.2 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 depth 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.



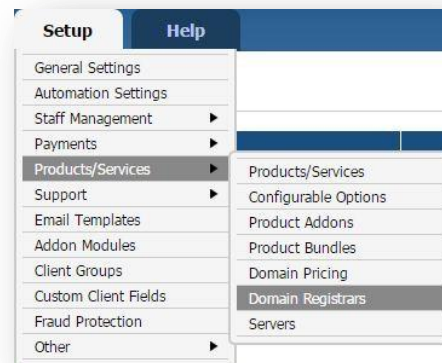
**By updating the RRPproxy Module, always read carefully the release notes.**

## 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.

A screenshot of the WHMCS Tools4ISP RRPProxy configuration page. The page has a blue header with the WHMCS logo and navigation tabs: Home, Clients, Orders, Billing, Support, Reports, Utilities, Addons, Setup, and Help. The 'Addons' tab is selected, and a dropdown menu shows 'Tools4ISP' highlighted. The main content area is titled 'Tools4ISP RRPProxy configuration' and contains a form with various fields. The 'RRPProxy' option is circled in the left sidebar, and the 'Tools4ISP' option is circled in the dropdown menu. The 'Save configuration' button at the bottom is also circled. The form fields include: User name, Password, Host name, Port number, 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,TX), 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, Enable DNSsec support, Replace nameservers after transfer, Enable DebugMode, Enable DebugMode2, and Create DNS zone after registration and transfer.

Home	Clients	Orders	Billing	Support	Reports	Utilities	<b>Addons</b>	Setup	Help
<b>Tools 4 ISP general</b>									
Home									
Tools 4 ISP									
Version: 2.0									
<b>Configuration</b>									
Multisite									
SIDN									
<b>RRPProxy</b>									
DNS.BE									
DNS Template									
<b>Addons</b>									
Incasso / SEPA direct debit									
Multisite									
Oxxa									
Staff Noticeboard									
Statistics									
<b>Tools4ISP</b>									
Product Price Updater									
<b>Advanced Search</b>									
Clients									
Client Name									
Search									
<b>Tools4ISP RRPProxy configuration</b>									
User name									
Password									
Host name									
Port number									
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,TX									
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									
Enable DNSsec support									
Replace nameservers after transfer									
Enable DebugMode									
Enable DebugMode2									
Create DNS zone after registration and transfer									
<b>Save configuration</b>									

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:

<b>DebugMode:</b>	All communication with RRPproxy will be visible under screen including passwords.
<b>DebugMode2:</b>	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. The ".com" TLD is highlighted, and its "Auto Registrations" dropdown is set to "Rrp". The "Setup" menu is open, showing "Domain Pricing" selected.

TLD	Pricing	DNS Management	Email Forwarding	Auto Registrations
.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

## 5. Extra Options

Once you installed the WHMCS RRPproxy module, and you'll open the details of any domain name registered by RRPproxy, you'll see an extra block with additional options:

The screenshot shows the WHMCS domain management interface. At the top, there are several buttons under 'Registrar Commands': Register, Transfer, Renew, Modify Contact Details, Get EPP Code, Reset EPP code, Delete cache, Set renewal mode to RENEWONCE, Set renewal mode to AUTORENEW, Set renewal mode to AUTOEXPIRE, Set renewal mode to AUTODELETE, and Set renewal mode to EXPIREAUCTION. Below these are 'Management Tools' with checkboxes for DNS Management, Email Forwarding, ID Protection, and Disable Auto Renew. The 'Sent Domain Reminders' section has a table with columns Date, Reminder, To, and Sent, and an Export button. The 'Additional options' section contains a table with columns Item, Content, and Value if not found at RRPproxy.

Item	Content	Value if not found at RRPproxy
Creation date	2014-11-25 07:17:52	N/A
Expiration date	2014-11-25 07:17:52	N/A
Next renew date	2014-11-25 07:17:52	N/A
Renewal mode	AUTORENEW	N/A
Last update	2014-11-25 07:17:52	N/A
Last transfer		N/A
DNSsec state		N/A

Details and explanation of the **Register Commands** buttons:

Register	Register the domain name by RRPproxy
Transfer	Transfer the domain name to RRPproxy
Renew	Renew the domain name
Modify Contact Details	Modify the contact details (whois) for this domain name directly by RRPproxy
Get EPP Code	Get the EPP (Authorization/Transfer) code for this domain name
Reset EPP code	Reset the EPP (Authorization/Transfer) code for this domain name
Delete Cache	Delete the cache in WHMCS for this domain name
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 domain name 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:

<b>compare</b>	To compare WHMCS with RRPproxy and if dates are different or domains are missing at the other location it will provide information.
<b>dnssec</b>	Enable dnssec on the required domains as set in the dnssec table, dnsshop also has to work.
<b>donotrenew</b>	Disable autorenew at RRPproxy if it is disabled in WHMCS and enabled at RRPproxy
<b>dorenew</b>	Immediately autorenew at RRPproxy if it is enabled in WHMCS and disabled at RRPproxy.
<b>setrenew</b>	Set renew at RRPproxy if it is enabled in WHMCS and disabled at RRPproxy.
<b>noverbose</b>	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](mailto:info@tools4isp.com)

### 8.1 Changes and fix history

Feature/Bugfix description	Status	Ver.
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*
2.4	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,-

### CONTACT

Tools 4 ISP  
Gyroscoopweg 134-140  
1042 AZ Amsterdam  
The Netherlands

E-mail: [info@tools4isp.com](mailto:info@tools4isp.com)  
KVK: 34255993  
BTW: NL8169.75.851.B01

### BANK

Giro: 4871672  
IBAN: NL15 INGB 0004871672  
BIC: INGBNL2A

**Disclaimer:** RRPproxy registrar module provided by Tools 4 ISP is for commercial purposes only . This software is supplied "AS IS" without any warranties and support except where indicated. Tools 4 ISP assumes no responsibility or liability for the use of the software,

Tools 4 ISP reserves the right to make changes in the software without notification. Tools 4 ISP also make no representation or warranty that such application will be suitable for the specified use without further testing or modification. Resale of this product is strictly prohibited. Upon discovering resale practices Tools 4 ISP will take legal action.