



InterNetX Domain Plugin for WHMCS Installation, Configuration & Management

© 2017 InterNetX GmbH







Installation, Configuration & Management

Table of content

1.0 About	3
2.0 Installation and Configuration	3
3.0 Management	5
3.1 TLD Management	5
3.2 Admin area	6
3.3 Client area	7
4.0 Whoisproxy	9
4.1 Whoisproxy integration into WHMCS	9
4.2 Example TLD list	10
5.0 Premium Domains	11





Installation, Configuration & Management

1.0 About

InterNetX Domain Plugin for WHMCS is a registrar module which allows you to offer InterNetX domains to your customers. It also allows complex management of ordered domains from both client area and admin area.

Admin Area Features:

- > Register Domain
- > Transfer Domain IN
- > Renew Domain
- > Manage Contact Details
- > Get EPP Authinfo Code
- > Delete Domain
- > Transfer Domain OUT (ACK/NACK)
- > Domain Addon Management
- > Synchronization Of Expired/Transferred Domains
- > Synchronization Of Expiry Dates

Client Area Features:

- > Renew Domain
- > Enable Autorenew
- > Get/Modify Nameservers
- > Enable ID Protection (Whois Privacy Service)
- > Manage Contacts Details
- > DNS Management
- > Email Forwarding
- > Domain Forwarding
- > Get EPP Authinfo Code
- > Change Owner

Compatibility:

- > Supports WHMCS V7 and later
- > Known Limitations of the WHMCS Plugin
- automated .CA Registration not working (manual processing via AutoDNS Frontend is possible after the WHMCS order arrived)
- automated .HK Registration not working (manual processing via AutoDNS Frontend is possible after the WHMCS order arrived)
- Domain OwnerChange for certain TLDs like .EU is not working with WHMCS. (If the OwnerChange is not working with WHMCS the changes can be done manually in the AutoDNS Webinterface.)
- Domain Transfer including OwnerChange(TRADE) for certain TLDs like .EU is not working with WHMCS. (If the Domain Transfer including OwnerChange is not working with WHMCS the Trade can be done manually in the Auto DNS Webinterface.)





Installation, Configuration & Management

2.0 Installation and Configuration

In this section we will show you how to properly install and configure your InterNetX Domain Plugin for WHMCS.

- 1. Order the WHMCS Domain Plugin at "Optional Services" in the AutoDNS customer center. A contract addon is required, after signing you will receive the Plugin by email.
- 2. Upload files to your server into your root WHMCS directory.
- 3. Now, you have to set up your contact details. At the Setup > General Settings > Domains. Uncheck "Use Clients Details" checkbox, fill contact details and press Save Changes.
- 4. In order to proceed, go to the Setup > Product/Services > Domain Registrars, find InterNetX and press Activate next to it.
- 5. Now, enter your API access details, API URL and default nameservers.
- > Afterwards, press Save Changes button.
- > The regular API URL is: https://gateway.autodns.com/
- > The default nameservers for AutoDNS are: a/b/c/d.ns14.net
- > The default context for AutoDNS is 4.
- > If you are using Personal AutoDNS please use your exclusive URL and the context number you have received.
- > Auto Delete: Do not activate this option unless you are instructed to do so! Else the feature will result in double renewals and costs for domains!
- > Admin Contact: Acti as OwnerC and AdminC into Whois. Else the Client will only be OwnerC.

Get your free InterNetX Reseller A	count here: https://www.int	emetx.com. Activate Deactivate Configure
Username		Enter your username here.
Password		Enter your password here.
Context		Enter your context here.
Server		Provide your API uri. Eg. https://gateway.autodns.com
Default Nameservers		
	Provide your Default Name	servers (for Zone) Eg. ns1.demo.autodris2.de
Sandbox Username		Enter your sandbox username here.
Sandbox Password		Enter your sandbox password here.
Sandbox Context		Enter your sandbox context here.
Sandbox Default Nameservers	ns1.demo.autodns2.de ns2.demo.autodns2.de Provide your Default Name	servers (for Zone) 1g. no1.demo.autodmi2.de
Reply To		Contact address for support team in case of errors.
MX Record		MX record (mailserver). Enter the complete domain host name of the mailserver.
IP Address		IP address of the zone (A Record).
Auto Delete	0	
Test Mode	8	
Debug Mode	E Logs on "Module Log"	
Admin Contact	Specyfy that the owner v	vil be OwnerC and AdminC and reseller will be Billing/TechC
		Save Changes

It is also possible to use the AutoDNS Demo System for testing and implementation, if you need access to the AutoDNS Demo System (Sandbox) please contact sales@ internetx.com. The sandbox nameservers are **ns1/ns2. demo.autodns.com**

To use the AutoDNS Demo System please activate "Test Mode".

Congratulations! You have just finished the installation and configuration of the module.





Installation, Configuration & Management

3.0 Management 3.1 TLD Management

Your clients will be able to order domains as soon as you set up TLDS for your desired vextensions.

- 1. In order to start, go to the Setup > Products/Services > Domain Pricing.
- **2.** Fill TLD, choose additional features like DNS Management and select InterNetX from Auto Registration dropdown menu if you wish a fully automated registration of your client's orders. Press Save Changes to add this TLD to your system.

Domains/TLDS						Help
This is where you configure if an EPP code is required for	the TLDs that you want transfers, and whether	t to allow clients to register or t r registration should be automa	ransfer to you. As well as pr ted and if so, with which reg	icing, you can set wh gistrar.	ich addons are offered with e	ach TLD,
TLD Pricing	DNS Manageme	nt Email Forwardin	g ID Protection	EPP Code	Auto Registration	
com					InterNetX	
Domain Addons	Currency	DNS Management	Email Forwarding	ID Protection		
	USD	0.00	0.00	0.00		
		Save	Changes			
		F: 4 6 6				

Now, it is time to set up pricing. To do so, press Open Pricing in Pricing column. New window will open, please make sure your browser does not block PopUps.

 Here you can set up pricing for registering, transferring and renewing domains using created TLD. Press Save Changes to finish.

Domain Pricing for .com

Pricing slabs can be created to offer groups of clients alternative pricing. Slabs are tied to client groups, so you need to set pricing for the default base slab, and then optionally for any of the client groups you want to offer custom pricing to. Leave Readster at 0 to disable that term. Set Transfer/Renew to -1 to disable



	Currency	Register	Transfer	Renewal
1 Years	USD	1.00	1.00	1.00
2 Years	USD	2.00	2.00	2.00
3 Years	USD	3.00	3.00	3.00
4 Years	USD	4.00	4.00	4.00
5 Years	USD	5.00	5.00	5.00
6 Years	USD	6.00	6.00	6.00
7 Years	USD	7.00	7.00	7.00
8 Years	USD	8.00	8.00	8.00
9 Years	USD	9.00	9.00	9.00
LO Years	USD	10.00	0.00	0.00

171122_v1





Installation, Configuration & Management

4. Setup of AutoDNS User Profile:

In addition you have to set up your AutoDNS User Profile with additional information once.

Go to "User Management" > "User Configuration" > "User Profile" The tabs "IRTP", "Verification" and "TMCH" should show the Reseller's Company Name and Support email address.

I can edit the user profile here.	You can edit the user profile here.	You can edit the user profile here.
t User Profile	Edit User Profile	Edit User Profile
r Domein IRTP Verification TNO1	User Domain IRTP Venification TMCH	User Domain IRTP Verification THCH
XTP settine For Settine F	Calcular Verdinations settings Calcular Verdinations settings to the new laddens of the Overace, an error is Subscription of the Overace. This error calcular is a verticable in two labels. Calcular Verdinations Calcular Calcular Verdinations Calcular Calcula	Theremark Game Index The schemark counters doing the schemark counters doing the schemark of address of the schemark fonds active constant to locations website at the Tademark CountyDeal and a schemark. If a Schemark fonds index counter and the Address of the Index of the Schemark and a schemark in the Schemark Schemark Tademark CountyDeal and the Schemark

	r oning o	pport = Open Licket	Hello, les
		Domains Configuration	
The following options and settings a	e available for the domai	ns you have chosen. Required fields are indicated with	a t.
mytestingdomain.com - 1 Year/s	No Hosting! Click to Ad	a)	
Hosting: Registration Period Addons:	No Hosting! Click to a Year/s DNS Managemen Email Forwarding ID Protection (FR	409 (FREEI) (FREEI) EEI)	
Nameservers			
our network.	istom nameservers then	enter them below. By default, new domains will use o	at nameseivers for nosting on
	Nameserver 1:	ns1.yourdomain.com	
	Nameserver 2:	ns2.yourdomain.com	
	Nameserver 3:		
	Nameserver 4:		
	Nameseiver 5:		

After configuring the TLD and the AutoDNS User Profile you can start ordering the first domain.

Go to Client Area and chose Domains > Register a New Domain:

3.2 Admin area

The InterNetX Domain Plugin for WHMCS allows you to perform various actions on your client's domains. Next to basic actions (Register, Transfer, Renew and Modify Contact Details) you are able to order advanced ones features (Get EEP Authinfo Code, Request Delete, Transfer OUT ACK and Transfer Out NACK).

Important Note: If you want to do a manual synchronisation of your domains and their expiry/due dates you can start the Cron Sync manually: http://your-whmcs-domain.tld/whmcs/crons/domainsync.php







Installation, Configuration & Management

3.3 Client area

Your client can manage all relevant aspects of his domain. In this section we will show the available features. At the domain's details page your client can view basic details of his domain and order it's renewal.

On the Auto Renew tab you are able to enable/disable the Auto Renew functionality.

Important Note: Disabling Auto Renew will result in an automated deletion of the domain at expiration date! If you reactivate Auto Renew the delete order will be removed again.

You can also change the domain's nameservers, this can be done at the Nameservers tab.

At the Addons tab you can manage addons ordered along with a domain.

- > ID Protection allows you to activate and deactivate the Whois Privacy Service.
- > DNS Host Record Management allows you to manage the DNS Entries for the domain.
- > Email Forwarding allows you to redirect email addresses to other external email addresses.

WHM (S			
Home Services - Domains - Bi	lling - Support - Open Ticket		Hello, Test! +
Managing mytestingd	omain.com		
Information To the right you can find the details of your domain. You can manage your domain using the tabs above. e Back to Domains List	Domain: mytesiingdomain.com Active Registration Date: 14/03/2014 14/03/2014	First Payment Amount: S15.00 USD Recurring Amount: S12.00 USD Every 1 Year/s Read Payment Method: 20heckOut	w Now
Fig	g 1: Domain details page	at client area	

Home Sen	ices - Don	ains - Billi	ng v Support v Open Ticket	Hello, Test! ~
Managi	ng myte	estingdo	omain.com	
Information	Auto Renew	Nameservers	Addons Management Tools *	
Auto Ren Enable auto ren	IEW lew to have us a awal invoice befo	utomatically ire your domain	Auto Renewal Status: Enabled	
xpires.			Disable Auto Renew	

Home Services - Dom	iains - Billing	- Support -	Open Ticket	Hello, Test! 🛩
Managing myte	estingdo	main.com		
Information Auto Renew	Nameservers	Addons Manage	ment Tools 👻	
Nameservers		Use default namese	wers	
You can change where your do here. Please be aware changes	main points to can take up to	Use custom names	ervers (enter below)	
24 hours to propogate.		Nameserver 1	ns1.yourdomain.com	
		Nameserver 2	ns2.yourdomain.com	
		Nameserver 3	ns3.yourdomain.com	
		Nameserver 4		
		Nameserver 5		
			Change Nameservers	

WHM CS		
Home Services + Domains + Billing	≁ Support ≁ Open Ticket	Hello, Test! +
Managing mytestingdor	nain.com	
Information Auto Renew Nameservers	Addons Management Tools *	
Addons The following addons are available for your domain(s)	ID Protection Protect your personal information and reduce the amount of spam to your inbox by enabling ID Protection. Disable	
	DNS Host Record Management External DNS Hosting can help speed up your website and improve analiability with reduced redundancy. Manage Disable	
	Email Forwarding Get emails forwarded to alternate email addresses of your choice so that y comotor all from a regile account. Manage Disable	ou
Fig	t 1: Domain Addons at Addons tab.	





Installation, Configuration & Management

The InterNetX Domain Plugin for WHMCS also allows you to modify the whois contact details. The only limitation here is you cannot change the first and last name.

Home Services - Domains -	Billing - Support - Open Ticket Hello, Test
Contact Informatio	n
Domain Name: mytestingdomain.com	n
Registrant Use existing account contact Choose Contact	Pirmary Postile Data
Specify custom information below	
First Name	Test
Last Name	Tester
Company Name	Company
City	City
Address	Address 1 Addres 2
State	AL.
Postcode	36211
Country	US
Phone Number	+1-49-941-595590
Email	testmai@modulesgarden.com

InterNetX allows to set up email forwarding if you have ordered the InterNetX Redirector service. Please contact **sales@ internetx.com** to get the Redirector service activated.

Important Note: To activate email forwarding the MX record of the domain must be set to a hostname that points to IP address 62.116.130.8 in the DNS entry!

DNS Management addon enables you to manage DNS records of your domain.

		F	• Open ficker		Helo, Tesa +
111311	anayemen	L			
Domain Na	me: mytestingdomain.c	com			
oint your dor	nain to a web site by poi	inting to an IP Address, or for	ward to another site, or point to a temporary	page (known as Parking), and mo	ire. These
cords are all	so known as sub-domain	15.			
	Main IP: 127.0.0.	1	WWW include: 🗹		
	Host Name	Record Type	Address	Priority	
	•	A (Address)	127.0.0.1	N/A	
		SPF (txt)	"v=spf1 a mx ~all"	N/A	
		MX (Mail)	mail	10 *	
	mail	A (Address)	127.0.0.2	N/A	
	test	CNAME (Alias)	www.mytestingdomain.de.	N/A	
		A (Address)		·	

		- Support - Open Ticket	Hello, Te
imail F	orwarding		
Domain Nam	e: mytestingdomain.com		
the Email Fo e Forward To	orwarding Server determines the o address before you enable it ag	Forward To address is invalid, we will disat ain. The changes on any existing forwardir	ole the forwarding record automatically. Please che ig record may not take effect for up to 1 hour.
	Prefix		Forward To
	Prefix	@mytestingdomain.com ->	Forward To forward@mytest.com
	Prefix mailbox othermailbox	@mytestingdomain.com -> @mytestingdomain.com ->	Forward To forward@mytest.com forward2@mytest.com

You can easily receive your domain's EPP Authinfo Code, simply go to the Management Tool > Get EPP Code.

	iains → Billing → Su	pport - Open Ticket	Hello, Test! +
Get EPP Code			
Domain Name: mytestingdo	main.com		
The EPP Code is basically a pa will need it if you are wanting to	ssword for a domain name. It transfer the domain to anothe	is a security measure, ensuring that only the domain er registrar.	name owner can transfer a domain name. You
	The E	PP Code for your domain is: 09be4f5733	
« Back			

171122_v1





Installation, Configuration & Management

Additionally, you can easily set up domain forwarding.

Go to Management Tools > Manage Domain Forwarding: InterNetX allows to set up domain forwarding if you have ordered the InterNetX Redirector service. Please contact **sales@ internetx.com** to get the Redirector service activated.

WHM C S	NHM ^(C) S		WHMCS					
lome Services - Domains - Bill	ing - Support -	Open Ticket	Hello, Testi 🤟	Но	ome Services - Domains -	Billing - Support - Open	Ticket	Hello, Te:
omain Forwarding				C	hange Owner			
changes on any existing forwarding record r	may not take effect for	up to 1 hour.		Wit	h this task you can change domain co	ntact here.		
Domain Name: mytestingdomain.com				C.	Domain Name: mytestingdomain.com			
Domain/Subdomain Forwarding requires a ch Please set the A-Record for the domain/subd	ange of the A-Record i omain to the IP Addre	in the DNS entry. ss 62.116.130.8 in order to get Domain Fo	rwading activated.			Domain	Contacts	
Domain/Subdomain	Туре	Forward To			OwnerC:	31155902		
nytestingdomain.com	http •	www.mytestingdomain.de	Title:		AdminC:	31155902		
www.mytestingdomain.com	http 🔹	www.mytestingdomain.de	Title:		TechC:	31155902		
ssl.mytestingdomain.com	https 🔻	www.mytestingdomain.de	Title:		ZoneC:	31165902		
test.mytestingdomain.com	frame 🔻	test.mytestingdomain.de	Title: This is a test!			Save	Change	
		Save Change		·	- Back			
Fig 1: Domo	ain Forwardi	ng page with exemplar	y settings.			Fig 1: Change Owne	r page of domains	

Important Note: The Domain/Subdomain Forwarding requires a change of the A-Record in the DNS entry. Please set the A-Record for the domain/subdomain to the IP Address 62.116.130.8 in order to get Domain Forwarding activated.

4.0 Whoisproxy

The InterNetX WhoisProxy acts as a kind of go-between and can access the various whois servers of the registries at once, thereby saving users the effort of sending an enquiry to every whois server for the different TLDs.

4.1 Whoisproxy integration into WHMCS

How to change the Whois Server in WHMCS: http://docs.whmcs.com/WHOIS_Servers

You can also change the domain owner.





Installation, Configuration & Management

4.2 Example TLD List

Important Note: the list of available TLDs will change from time to time especially with new gTLDs introduced every week!

The whois server list is located at: /resources/domains/whois.json

You can edit the whois file according to your needs and overwrite the regular WHMCS whois configuration per TLD. Example list of TLDs and Whois Servers:

```
I
  {
    "extensions": ".com,.net,.org,.de,.cat,.ca,.travel",
    "uri": "socket://whois.autodns3.de",
    "available": "free"
 },
  {
    "extensions": ".bike",
    "uri": "socket://whois.autodns3.de",
    "available": "free"
 },
  {
    "extensions": ".at",
    "uri": "socket://whois.autodns3.de",
    "available": "free"
 }
1
```

A complete list of all available WhoisProxy TLDs can be retrieved using following command: whois -h whois.autodns3.de tld





Installation, Configuration & Management

5. Premium Domains

Additional Feature For InterNetX WHMCS Domain Registrar: Premium Domains

1. About

The Premium Domains module adds a premium domain functionality inside the existing InterNetX WHMCS Domain Registrar module.

2. Installation instructions

- > Go to Admin Area of your WHMCS.
- Go to SETUP > ADDON MODULES, and activate "InterNetX Premium Domains Addon".
- There is no need to configure the addon, just click "Activate" button.
- Go to Setup > PRODUCTS/SERVICES > Domain Pricing, and change your Lookup Provider to "InterNetX" by
- > Clicking on "Change" button in "Lookup Provider" section:



Choose Lookup Provider STANDARD InterNetX WHOIS ✓ Lookups ✓ Suggestions ✓ Lookups ✓ Suggestions NetEarth" enom ✓ Lookups ✓ Suggestions Lookups
 Suggestions resellerc Amp 'xx' resellerclub ✓ Lookups ✓ Suggestions ✓ Lookups ✓ Suggestions UK2.GROUP ✓ Lookups ✓ Suggestions Close

Then select "InterNetX" from all lookup providers list:





Installation, Configuration & Management

Please make sure that the premium domain button is set to "ON":

3. Functionalities:

The Premium Domains module allows user to set his own price for each premium domain class. To do this you have to: Click "CONFIGURE" button in the premium domains section.



The module will change the "Configure Premium Domains Levels" window to allow user enter and save his premium domains classes.

User enters premium domain class names inside text fields and saves them into database by clicking "SAVE" button:

Premium domain cost prices	are fetched in real-time from databa	ase.
emium Domain class		
DONUTS-BBBB	Configure	•
RIGHTSIDE-J2	Configure	•
e.g class 1	Configure	•
.g class 2	Configure	•
e.g class 2	Configure	•
e.g class 2	Configure	•

Premium domian classes can be also deleted from the database by clicking on "DELETE" button:

Premium domain cost prices	are fetched in real-time from databa	ase.		
Premium Domain class				
DONUTS-BBBB	Configure	•		
RIGHTSIDE-J2	Configure	•		
e.g class 1	Configure	•		
e.g class 2	Configure	•		
e.g class 2	Configure	•		
e.g class 2	Configure	•		





Installation, Configuration & Management

After adding premium domain class to database user has possibility to configure it's pricing by clicking on "CONFIGU-RE" button:

Premium domain cost prices	are fetched in real-time from databa	ase.
emium Domain class		
DONUTS-BBBB	Configure	•
RIGHTSIDE-J2	Configure	•
e.g class 1	Configure	•
e.g class 2	Configure	•
e.g class 2	Configure	•
e.g class 2	Configure	0

In the next window user can set Register, Transfer, and Renewal prices for selected price class, and save it into database by clicking "SAVE" button:

	Configu	ure Premiu	um Domain	Pricing	
Prem	ium domain co	st prices are	fetched in real	-time from dat	abase.
	Currency	Enable	Register	Transfer	Renewal
1 Year	USD**		10.00	20.00	30.00
es in other	currencies will be	e automatically	recalculated by V	VHMCS and this	module
				Close	Back Sa

From now if premium domain will be detected by the WHMCS Domain Registrar it's price will be taken from the database and set in "Client Area" during the domain registration process.

Important:

In "CONFIGURE PREMIUM DOMAIN PRICING" user can configure pricing for only one year period, because WHMCS does not allow users to register premium domains for longer than one year. In this same window is only one currency available. That is because WHMCS and Premium Domains module automatically recalculate prices to other currencies based on the current currency rate. When user wants to disable register/renew/transfer of domain just type "0" (zero) in the appropriate field in premium domain pricing.

Important about renew prices:

When you are in "CLIENT AREA" and go to: Domains > My Domains, and click "RENEW" button on the left action bar renew prices of premium domains will not change. WHMCS do not support changing prices in this place.