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ReverseDNS WHMCS Module

The module allows managing rDNS records for all WHMCS services. Powerdns as backend.

- Description
- Changelog
- Installation and configuration guide
  - WHMCS setup(install/update)
  - Product Configuration
- Client Area
  - Home screen
- Admin Area
  - Product Information

Description

ReverseDNS module **WHMCS**

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The ReverseDNS module for WHMCS allows your clients to fully manage rDNS (PTR) records for their virtual machines, dedicated servers, or entire IP address space directly from the client area.

This module uses PowerDNS as the backend and supports multi-server setups, meaning different reverse zones can be hosted on different DNS servers — all managed seamlessly within a single service.

Key Features:

- Full rDNS management via client area
- PowerDNS backend integration
- Multi-server support for reverse zones
- Supports both "Dedicated IP" and "Additional IPs" fields
- Subnet (CIDR) management support
- Solves the lack of native rDNS management in WHMCS

This module provides a complete solution for reverse DNS control in WHMCS.

> ⚠ *Important:*
> In the first version of the module, rDNS management for **IPv6** addresses is **not supported**.
> Only IPv4 reverse DNS records can be managed at this time.

> WHMCS minimal version: 8 +

> PowerDNS minimal version: 4.9

Module Name: PUQ ReverseDNS

Server Group: None

License key:

success: 2025-08-11T19:48:33+02:00

Create Zone

Show 100 entries

Search:

Zone	Server	Action
1.168.192.in-addr.arpa	https://pdns.puq.pl:443	Test Delete
2.168.192.in-addr.arpa	https://pdns.puq.pl:443	Test Delete
3.168.192.in-addr.arpa	https://pdns.puq.pl:443	Test Delete
4.168.192.in-addr.arpa	https://pdns.puq.pl:443	Test Delete
5.168.192.in-addr.arpa	https://pdns.puq.pl:443	Test Delete
8.b.d.0.1.0.0.2.ip6.arpa	https://pdns.puq.pl:443	Test Delete

Showing 1 to 6 of 6 entries

Previous 1 Next

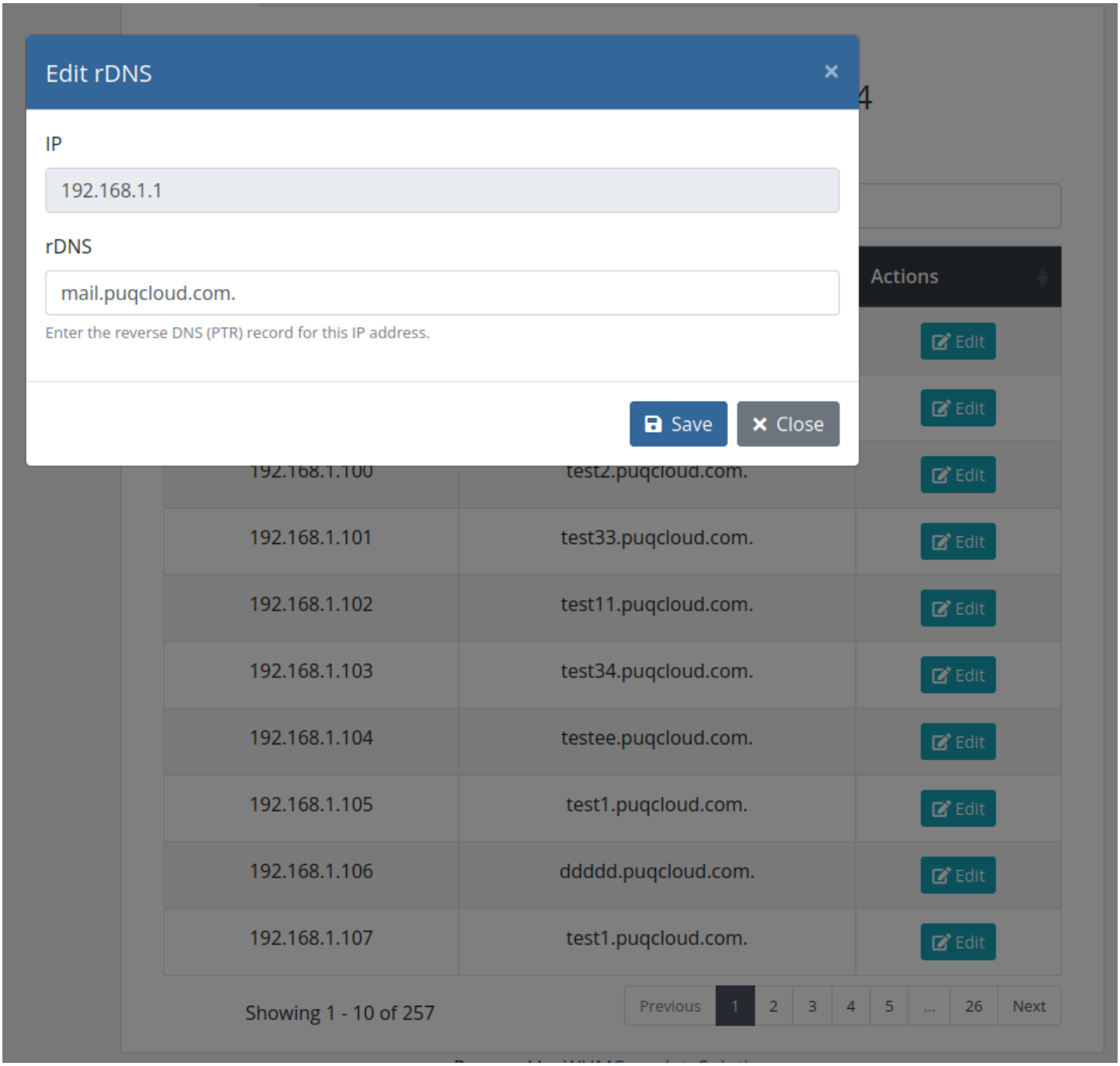
Manage Reverse DNS for IPv4

Set PTR records for your service IP addresses.

Show 10 entries Search:

IP	rDNS	Actions
192.168.1.1	mail.puqcloud.com.	Edit
192.168.1.10	test1.puqcloud.com.	Edit
192.168.1.100	test2.puqcloud.com.	Edit
192.168.1.101	test33.puqcloud.com.	Edit
192.168.1.102	test11.puqcloud.com.	Edit
192.168.1.103	test34.puqcloud.com.	Edit
192.168.1.104	testee.puqcloud.com.	Edit
192.168.1.105	test1.puqcloud.com.	Edit
192.168.1.106	ddddd.puqcloud.com.	Edit
192.168.1.107	test1.puqcloud.com.	Edit

Showing 1 - 10 of 257


Edit rDNS
IP
192.168.1.1
rDNS
mail.puqcloud.com.
Enter the reverse DNS (PTR) record for this IP address.
Save
Close
Actions
Edit
192.168.1.100
test2.puqcloud.com.
192.168.1.101
test33.puqcloud.com.
192.168.1.102
test11.puqcloud.com.
192.168.1.103
test34.puqcloud.com.
192.168.1.104
testee.puqcloud.com.
192.168.1.105
test1.puqcloud.com.
192.168.1.106
ddddd.puqcloud.com.
192.168.1.107
test1.puqcloud.com.
Showing 1 - 10 of 257
Previous
1
2
3
4
5
...
26
Next

Changelog

ReverseDNS module **WHMCS**

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v1.1 Released 14-07-2025

1. Added links to products and domains in the IP table
2. Updated AJAX paths to respect the custom admin URL
3. Changed the table layout in the client area

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v1.0 Released 12-07-2025

First version

Installation and configuration guide

Installation and configuration guide

WHMCS setup(install/update)

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> **Module is coded ionCube v13**

Supported php version:

- php 7.4 WHMCS 8.11.0 -
- php 8.1 WHMCS 8.11.0 +
- php 8.2 WHMCS 8.11.0 +

> To install and update a module, you must perform one and the same action.

1. Download the latest version of the module.

PHP 8.2

```
wget https://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-ReverseDNS/php82/PUQ_WHMCS-ReverseDNS-latest.zip
```

PHP 8.1

```
wget https://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-ReverseDNS/php81/PUQ_WHMCS-ReverseDNS-latest.zip
```

PHP 7.4

```
wget https://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-ReverseDNS/php74/PUQ_WHMCS-
```

```
ReverseDNS-latest.zip
```

> All versions are available via link:
> https://download.puqcloud.com/WHMCS/servers/PUQ_WHMCS-ReverseDNS/

2. Unzip the archive with the module.

```
unzip PUQ_WHMCS-ReverseDNS-latest.zip
```

3. Copy and Replace "puqReverseDNS" to "WHMCS_WEB_DIR/modules/servers/"

Product Configuration

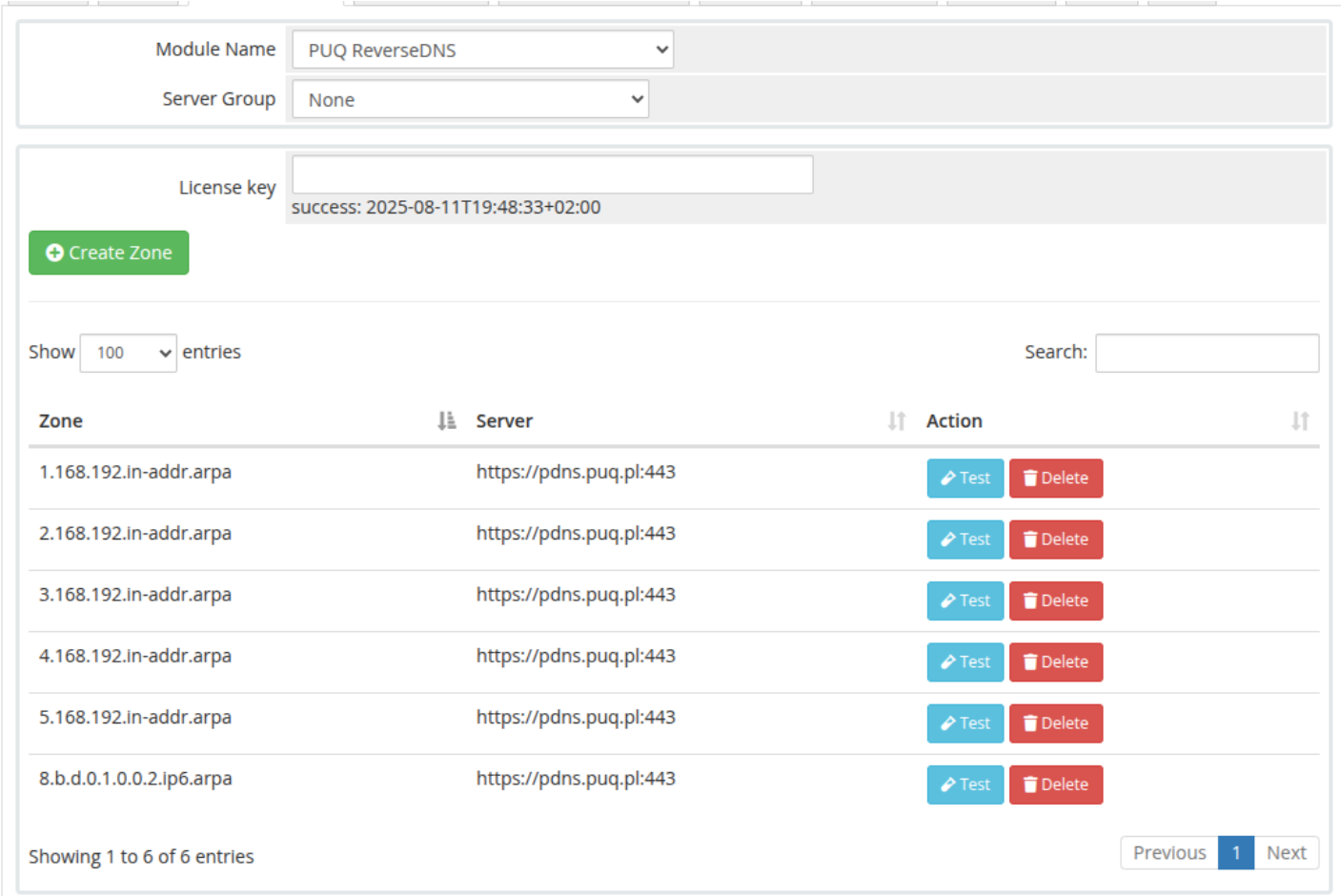
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Add new product to WHMCS

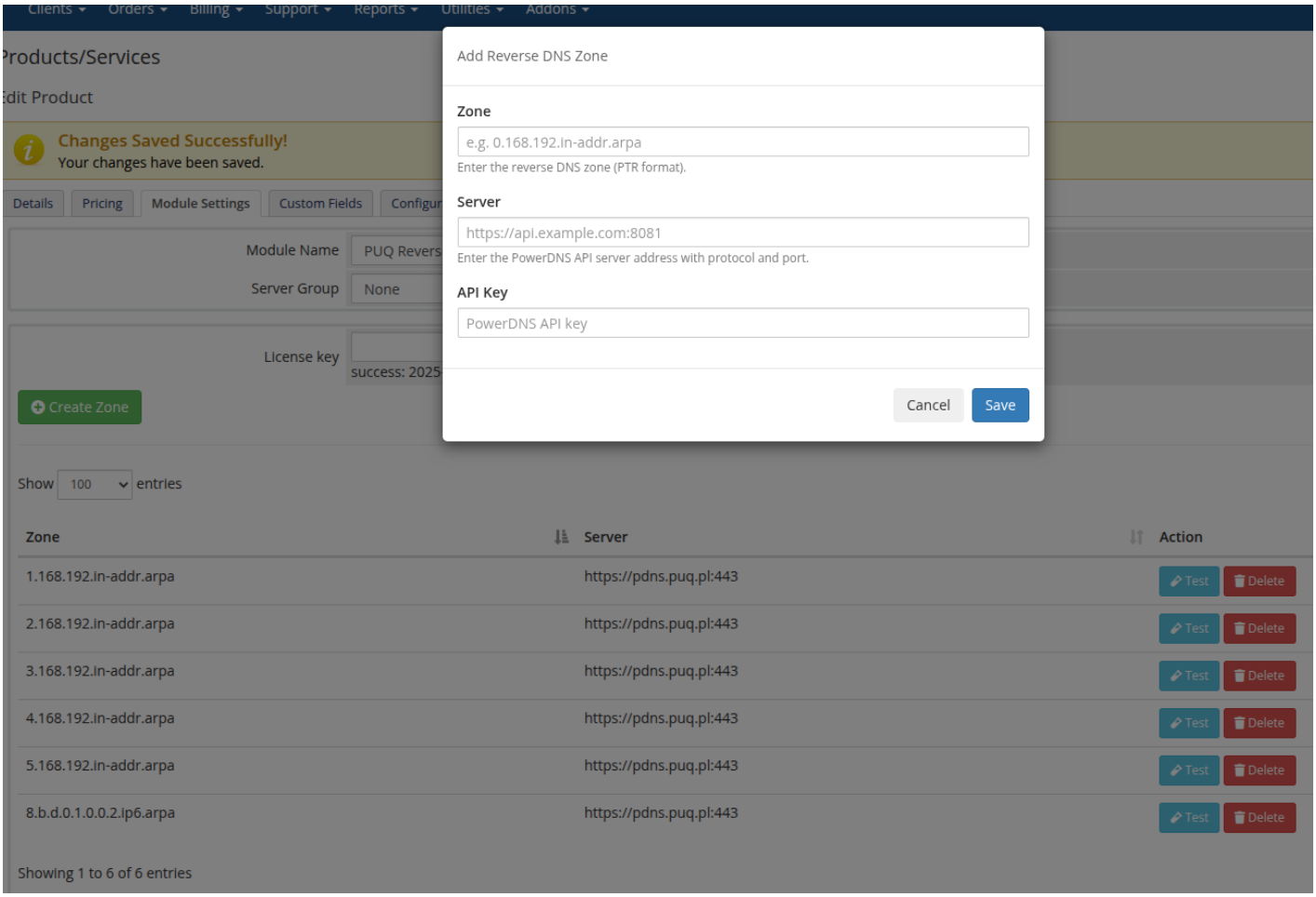
```
System Settings->Products/Services->Create a New Product
```

In the **Module settings** section, select the **"PUQ ReverseDNS"** module



In the product settings, you must assign all rDNS zones that should be available for this product. It is strongly recommended to include all reverse zones for IP addresses that are used in your services — such as virtual machines, dedicated servers, or other offerings.

> **Important:**
> If a reverse zone is not added to the product configuration, the client will not be able to manage rDNS records for IPs within that zone.
> Those IP addresses will not even be visible in the client area.
> In other words, clients can only manage rDNS records for IPs that belong to the zones explicitly added to the product settings. All other IPs will be hidden from view and unavailable for modification rDNS record.



To add a new rDNS zone, click the **"Add Zone"** button. A popup window will appear where you can enter the required zone details.

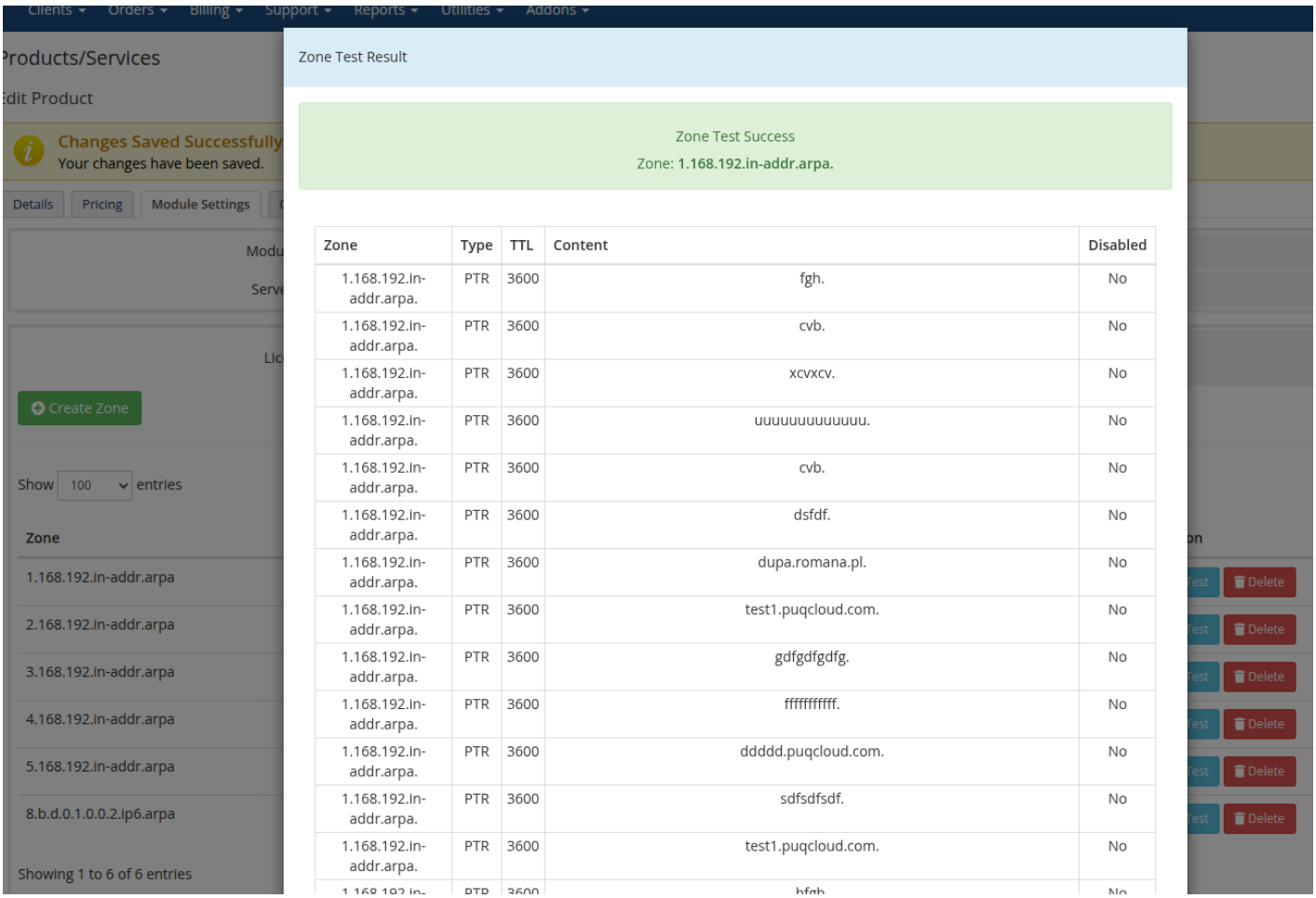
Fields to fill:

- **Zone**
  For IPv4, enter the reverse zone in the format:
  `1.168.192.in-addr.arpa` — this corresponds to a /24 subnet.

For IPv6, enter the zone in /64 format like:
`8.b.d.0.1.0.0.2.ip6.arpa`

- **Server**
  Enter the hostname or IP address of the PowerDNS server or Admin PowerDNS panel.
- **API Key**
  Provide the API key used to authenticate with the PowerDNS server.

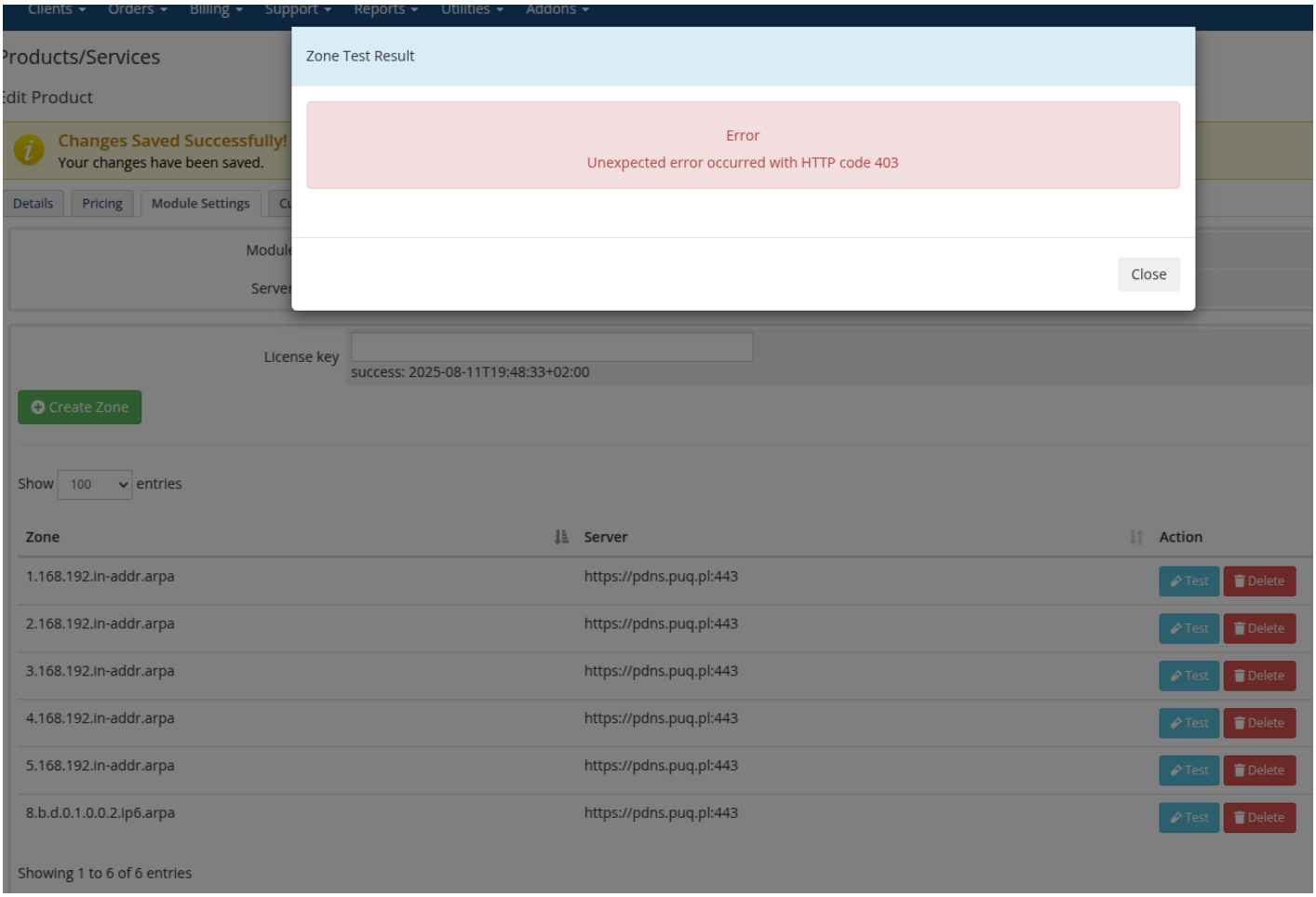
These settings allow the module to connect and manage the specified reverse DNS zone.



To verify the availability of a zone and the connection to the PowerDNS server, use the "**Test**" button.

When clicked, a modal window will appear displaying the result:

- If the connection is successful, the modal will show a list of records retrieved from the specified zone.
- If there is an error, the modal will display detailed error information, helping you diagnose connectivity or configuration issues.


Clients
Orders
Billing
Support
Reports
Utilities
Addons
Products/Services
Edit Product
Changes Saved Successfully!
Your changes have been saved.
Details
Pricing
Module Settings
Zone Test Result
Error
Unexpected error occurred with HTTP code 403
Close
License key
success: 2025-08-11T19:48:33+02:00
Create Zone
Show 100 entries
Zone
Server
Action
1.168.192.in-addr.arpa https://pdns.puq.pl:443 Test Delete
2.168.192.in-addr.arpa https://pdns.puq.pl:443 Test Delete
3.168.192.in-addr.arpa https://pdns.puq.pl:443 Test Delete
4.168.192.in-addr.arpa https://pdns.puq.pl:443 Test Delete
5.168.192.in-addr.arpa https://pdns.puq.pl:443 Test Delete
8.b.d.0.1.0.0.2.ip6.arpa https://pdns.puq.pl:443 Test Delete
Showing 1 to 6 of 6 entries

Client Area

Home screen

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On the client area homepage of the service, clients will immediately see a list of all IP addresses assigned to their services.

Each IP has an editable rDNS record.
When a client updates a record, the change is instantly applied to the corresponding zone in **PowerDNS** — no manual action is required.

Manage

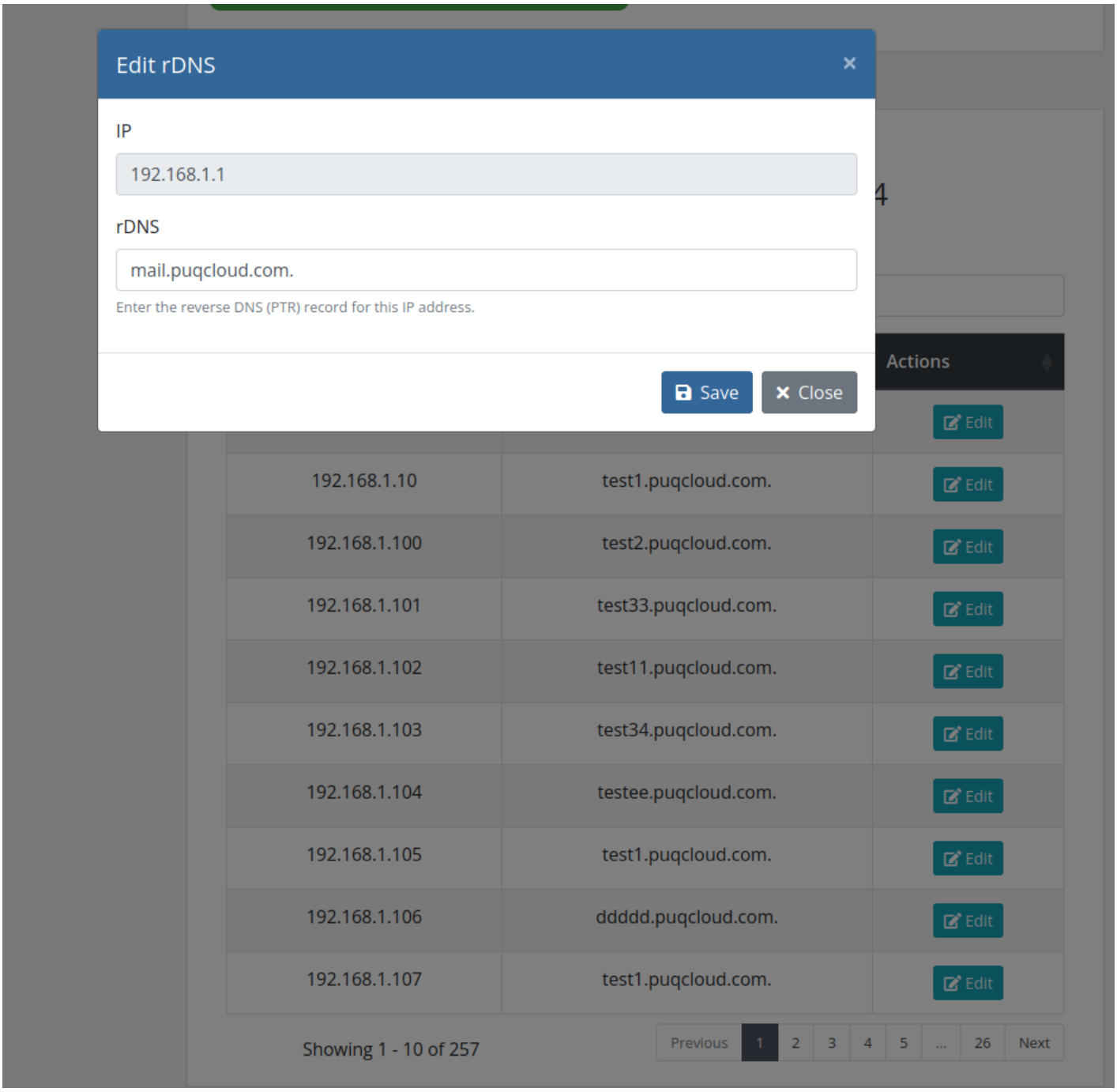
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Set PTR records for your service IP addresses.

Show 10 entries Search:

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192.168.1.1	mail.puqcloud.com.	Edit
192.168.1.10	test1.puqcloud.com.	Edit
192.168.1.100	test2.puqcloud.com.	Edit
192.168.1.101	test33.puqcloud.com.	Edit
192.168.1.102	test11.puqcloud.com.	Edit
192.168.1.103	test34.puqcloud.com.	Edit
192.168.1.104	testee.puqcloud.com.	Edit
192.168.1.105	test1.puqcloud.com.	Edit
192.168.1.106	ddddd.puqcloud.com.	Edit
192.168.1.107	test1.puqcloud.com.	Edit

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Edit rDNS
IP
192.168.1.1
rDNS
mail.puqcloud.com.
Enter the reverse DNS (PTR) record for this IP address.
Save
Close
Actions
Edit
192.168.1.10
test1.puqcloud.com.
192.168.1.100
test2.puqcloud.com.
192.168.1.101
test33.puqcloud.com.
192.168.1.102
test11.puqcloud.com.
192.168.1.103
test34.puqcloud.com.
192.168.1.104
testee.puqcloud.com.
192.168.1.105
test1.puqcloud.com.
192.168.1.106
ddddd.puqcloud.com.
192.168.1.107
test1.puqcloud.com.
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Admin Area

Admin Area

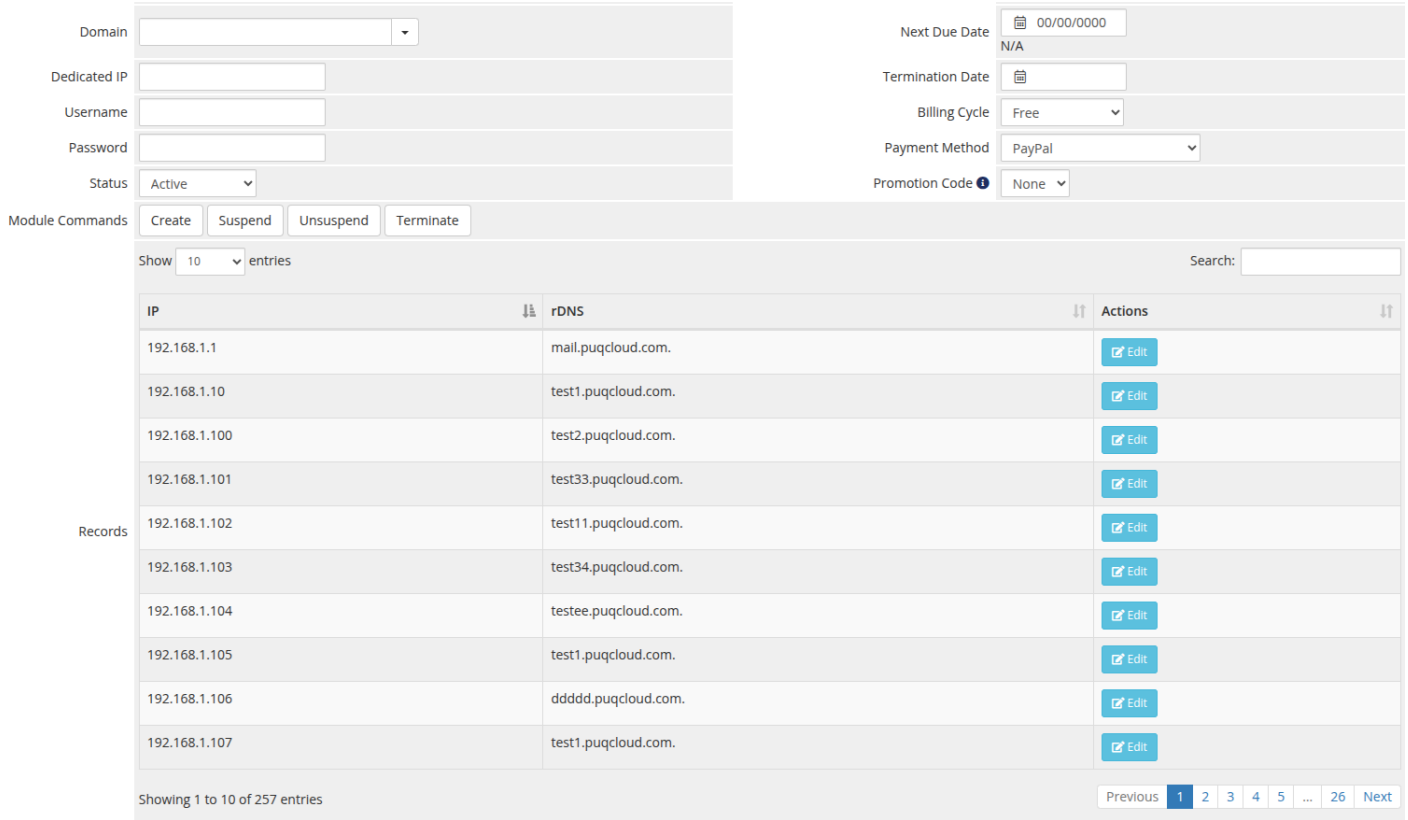
Product Information

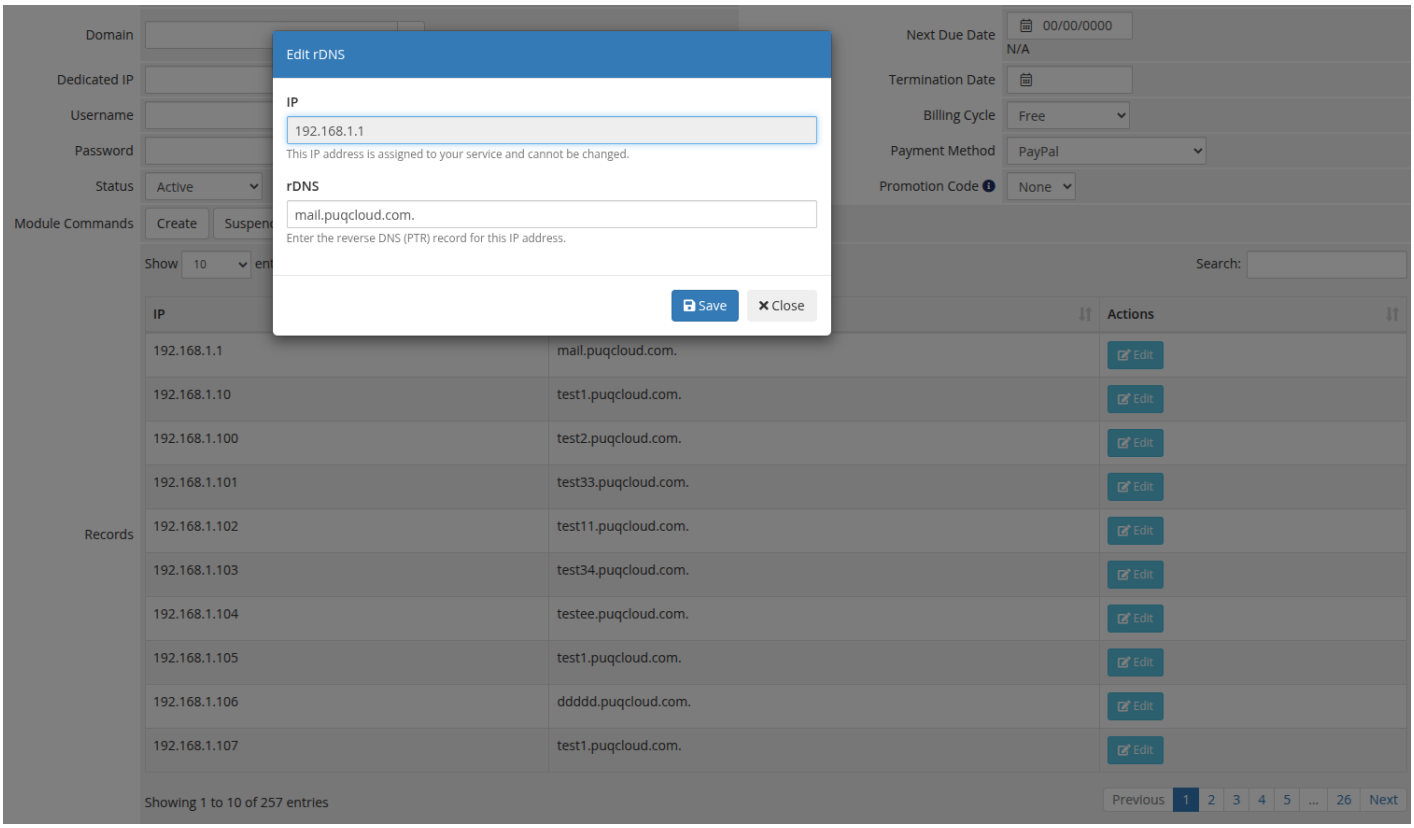
ReverseDNS module **WHMCS**

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In the admin area, under the product management section, you can view a complete list of all client-assigned IP addresses and their corresponding rDNS records.

Just like in the client area, administrators have the ability to edit rDNS records directly from this interface.
All changes are instantly applied to the PowerDNS server.




Domain
Dedicated IP
Username
Password
Status
Active
Module Commands
Create
Next Due Date
00/00/0000
N/A
Termination Date
Billing Cycle
Free
Payment Method
PayPal
Promotion Code
None
Edit rDNS
IP
192.168.1.1
This IP address is assigned to your service and cannot be changed.
rDNS
mail.puqcloud.com.
Enter the reverse DNS (PTR) record for this IP address.
Save
Close
Show 10
Search:
Records
IP
Actions
192.168.1.1 mail.puqcloud.com. Edit
192.168.1.10 test1.puqcloud.com. Edit
192.168.1.100 test2.puqcloud.com. Edit
192.168.1.101 test33.puqcloud.com. Edit
192.168.1.102 test11.puqcloud.com. Edit
192.168.1.103 test34.puqcloud.com. Edit
192.168.1.104 testee.puqcloud.com. Edit
192.168.1.105 test1.puqcloud.com. Edit
192.168.1.106 ddddd.puqcloud.com. Edit
192.168.1.107 test1.puqcloud.com. Edit
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