

Configuring Route53 Support

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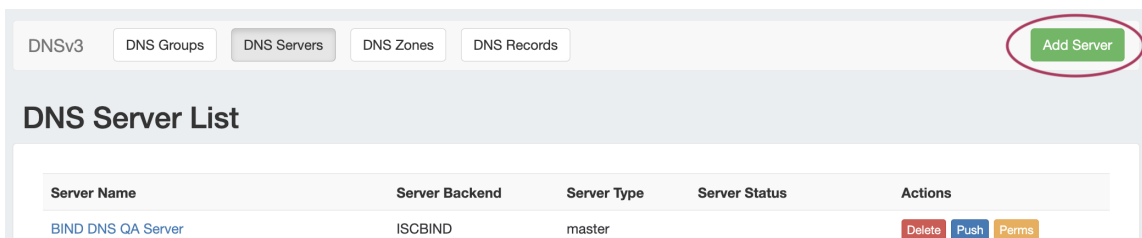
Getting Started

To use the Route53 connector, you must have Route53/AWS account set up and be able to provide the API Key, API Secret, and API Region provided to your Route53 account. For information on setting up a Route53 account, learning resources, or FAQ, see <https://aws.amazon.com/route53/>.

To add a new DNS Server, you must be logged in as an Admin-level user.

Adding a Route53 Server

To create a new server, start from the **DNS** Tab, select the **DNS Servers** sub menu. Then, click the "Add Server" button next to "DNS Server List".



This will open the "Server Settings" page.

Server Settings

1) Set Server Common Settings

In the "Common Settings" section of Server Settings, enter a Display Name for the new Route53 server, skip FQDN/IP, and select Server Type.

Under "DNS Service", select the "AWS Route53 (Beta) connector. The FQDN field will automatically be disabled, and AWS/Route53 specific settings will be enabled in the next section.

If desired, adjust the other available settings in this section, then scroll down.

Common Settings

Display Name:

This is the server name that will appear in the DNS interface.

FQDN or IP:

The IP address that ProVision will use to connect to this server.

DNS Port:

The port will be used for DDNS and DNS Queries to the server.

Server Type:

Export Zones: ☐ OFF

DNS Service:

Parent Resource:

The new server resource will be a child of the Parent Resource.

Enable Records Check: ☐ OFF
ProVision is checking if the DNS responds with a proper values to the zone records. In order record monitoring to work properly, you must enter a proper NameServer as "FQDN or IP" field.

Enable TSIG Key for transfers: ☐ OFF
If enabled, the provided TSIG key will be added to the ACL config of the related DNS Servers.

2) Set Route53 Server Specific Settings

The next section is entering server service-type specific settings. The options visible in this section will depend on the "DNS Service" type chosen under "Common Settings".

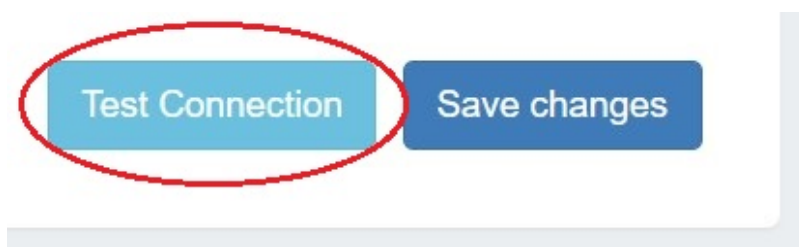
Under the section for **AWS Route53 (Beta) Settings**, enter the API Key, API Secret, and API region provided to you for the AWS/Route53 account.

The image shows two stacked configuration panels. The top panel, titled "AWS ROUTE53 (Beta) Settings", contains fields for "API Key:" (with a placeholder "Enter API Key"), "API Secret:" (with a placeholder "Enter API Secret"), and "API Region:" (with a placeholder "eg. us-east-2"). Below these are two toggle switches, both currently set to "OFF": "Enable Dynamic Updates:" and "Push ProVision NS Records:". The bottom panel, titled "DNS Group Settings", features a toggle switch for "Export Groups as Views:" (also "OFF") with a note: "If this option is checked the Groups will be exported as Views on push. (It works only on servers that support Views like ISC BIND!)". Below this is a dropdown menu for "Attach to Group:" currently showing "No Default Group", with a note: "If you select a default DNS group to your server, the zones assigned to this group will be automatically attached to the server." At the bottom right of the form are two buttons: "Test Connection" and "Save changes".

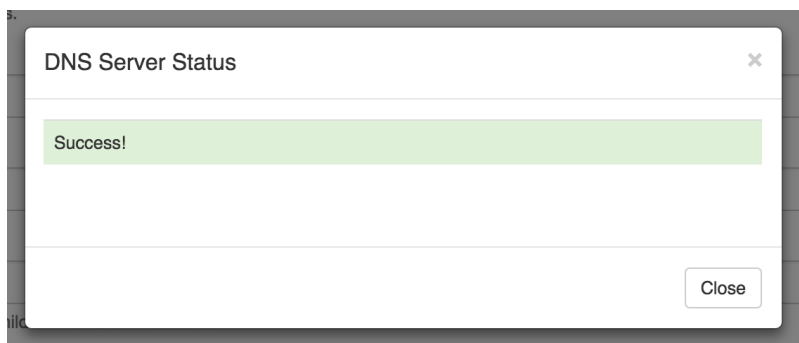
Enter additional Dynamic Updates, NS Records, and Group settings if desired, then click "Save Changes".

For information on working in the rest of the DNS system, see [DNS Tab](#), [DNS Administration](#), and [Working with DNS Servers](#).

After entering the server-specific settings in this section, you can click the "Test Server" button at the bottom right of the page to test the server connection and authentication.



A window will pop up showing a success or failure response.



3) Set DNS Group Settings for Server

In the last section, select a default Group to be associated with the server (optional). Zones assigned to the selected Group will automatically be attached to the server.

DNS Group Settings

Export Groups as Views: ☐ OFF

If this option is checked the Groups will be exported as Views on push. (It works only on servers that support Views like ISC BIND)!

Attach to Group:

Example Group

If you select a default DNS group to your server, the zones assigned to this group will be automatically attached to the server.

4) Save Changes

Save your changes when done! Just click the "Save Changes" button at the bottom right of the page.

DNS Group Settings

Export Groups as Views: ☐ OFF

If this option is checked the Groups will be exported as Views on push. (It works only on servers that support Views like ISC BIND)!

Attach to Group:

Example Group

If you select a default DNS group to your server, the zones assigned to this group will be automatically attached to the server.

Test Connection Save changes

Additional Information

For additional information on working in DNS, see the following sections:

- [Working with DNS Servers](#)
- [Configuring PowerDNS Support](#)
- [Configuring Secure64 Support](#)
- [Configuring Split Horizon and Views](#)
- [Configuring DNSSEC](#)
- [Import DNS Zones](#)
- [DNS Tab](#)