Add Server in WHMCS

PowerDNS module **WHMCS**

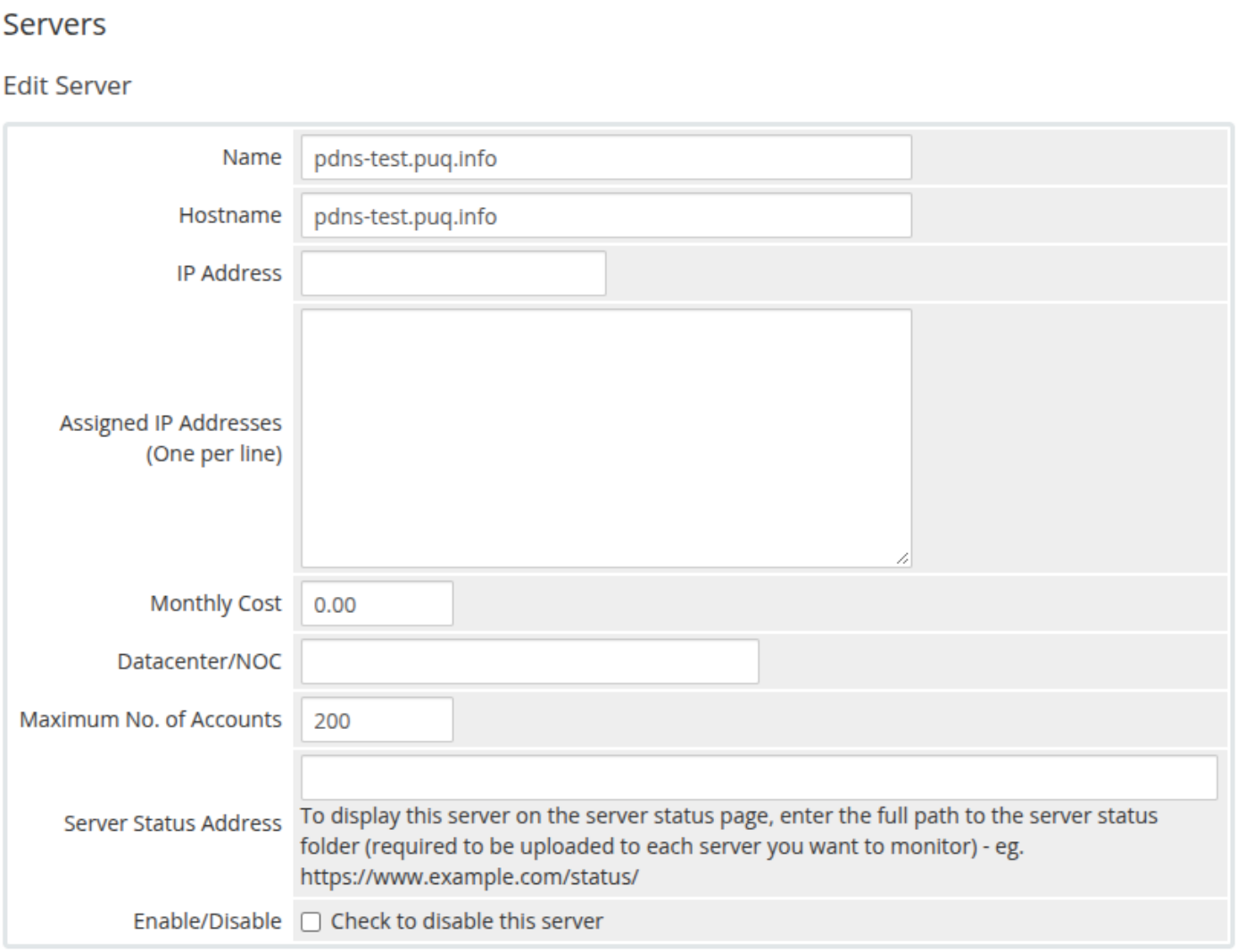
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Register your PowerDNS authoritative server within WHMCS so products can provision against its HTTP API.

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1. Add New Server

1. In the WHMCS Admin Area, navigate to **System Settings → Servers** (or **Setup → Products/Services → Servers**).
2. Click **Add New Server**.
3. Fill in the primary server details:
   - **Name**: A descriptive label for the server (e.g., `PowerDNS Cluster 1`).
   - **Hostname**: The fully qualified domain name or IP address of the PowerDNS server (e.g., `pdns-test.puq.info`).
   - **IP Address**: The IP address of the PowerDNS API endpoint (optional if hostname resolves).
   - **Max No. of Accounts**: Maximum accounts assigned to this server (e.g., `200`).



admin-server-setup.png

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2. Server Details and API Credentials

Scroll down to the **Server Details** section:

Field	Required	Description
Type (Module)	Yes	Select **PUQ PowerDNS** from the dropdown list.
Username	No	Leave blank. PowerDNS HTTP API authentication does not use HTTP Basic usernames.

Field	Required	Description
Password	Yes	Enter your PowerDNS `api-key` (from `pdns.conf`). The module transmits this via the `X-API-Key` HTTP header.
Secure	Optional	Check **Tick to use SSL Mode for Connections** if PowerDNS API is secured with HTTPS.
Access Hash	No	Leave blank.

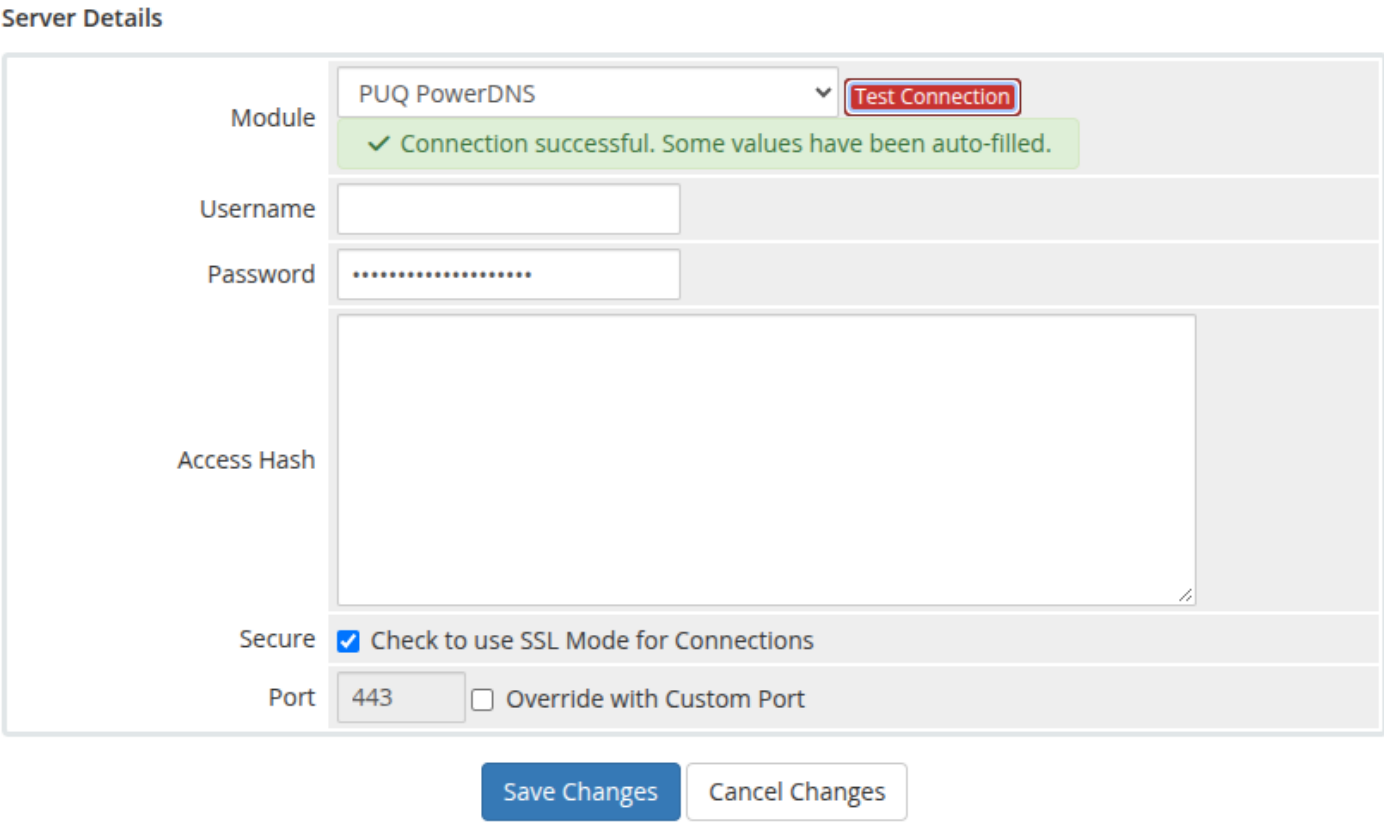
Port Configuration:

- When **Secure (SSL)** is **enabled**, the module connects via HTTPS on port `443` by default.
- When **Secure (SSL)** is **disabled**, the module connects via HTTP on port `8081` by default.
- You can override the port by specifying a custom port number in the server settings or hostname (e.g. `pdns.example.com:8443`).

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3. Verify Connection

1. Click the **Test Connection** button.
2. The module calls `GET /api/v1/servers/localhost` on your PowerDNS server.
3. Upon success, WHMCS displays a green notification:
   "Success! The test connection was successful."
4. Click **Save Changes** to commit the server configuration.



admin-server-details-test-connection.png

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4. Server Groups (Optional)

If you operate multiple PowerDNS nodes or clusters:

1. Navigate to **System Settings → Servers → Create New Group**.
2. Create a Server Group (e.g., `PowerDNS US Cluster`), choose your fill method (Add to least full server, or Fill active server until full), and add your PowerDNS servers.
3. Assign this server group to your products under **Module Settings**.

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