

Requirements & Installation

PUQ Web Hosting module **WHMCS**

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Requirements

- A working **WHMCS** installation (see the PHP/WHMCS compatibility table below).
- **ionCube Loader** enabled on the WHMCS host, matching the PHP version it runs.
- One or more **HestiaCP** servers reachable over **SSH** from the WHMCS host. The module drives Hestia entirely over SSH (the panel HTTP API is not required); set up `sudo` NOPASSWD for the management user, or use the Hestia `admin` user with key/password auth.
- (Optional) **PowerDNS** servers if you want PowerDNS as a DNS backend alongside HestiaCP.
- Outbound HTTPS from the Hestia nodes for Let's Encrypt and for the optional file-manager / PHP installers.

PHP & WHMCS compatibility

The module is distributed as **ionCube-encoded builds, one per PHP version: 7.4, 8.1 and 8.2**. Always install the build that matches the **PHP version your WHMCS host runs under** — not the PHP versions you offer to hosting customers (those are independent and managed on each Hestia web server).

WHMCS version	PHP it runs on	Module build to install
WHMCS 8.x	7.4, 8.1 or 8.2	the 7.4 / 8.1 / 8.2 build matching your PHP
WHMCS 9.x	8.2	the 8.2 build
any host on PHP 8.3 / 8.4 or newer	8.3+	the 8.2 build

How to choose, in plain terms:

1. Check the PHP version your WHMCS server runs (WHMCS → *Utilities* → *System* → *PHP Info*, or `|php -v|` on the host).
2. On **WHMCS 8** you may run **PHP 7.4, 8.1 or 8.2** — download the build with the same number.
3. On **WHMCS 9** the host runs **PHP 8.2** — use the **8.2** build.
4. If your host runs a PHP version **newer than 8.2** (8.3, 8.4, ...), use the **8.2 build** — it is the latest supported and is compatible with newer PHP runtimes.

“Downloads for every supported PHP version are on the [Download](#) page. After any module update, re-run the schema check (below).

Install both modules

The product is **two** WHMCS modules — install both:

Upload to	Module
<code>modules/servers/puqWebHosting/</code>	the server module
<code>modules/addons/puq_web_hosting/</code>	the addon module

Then in WHMCS go to **Setup → Addon Modules**, find **PUQ Web Hosting**, and **Activate** it (grant access to the admin roles that should manage hosting). Activating the addon creates the database tables the server module needs.

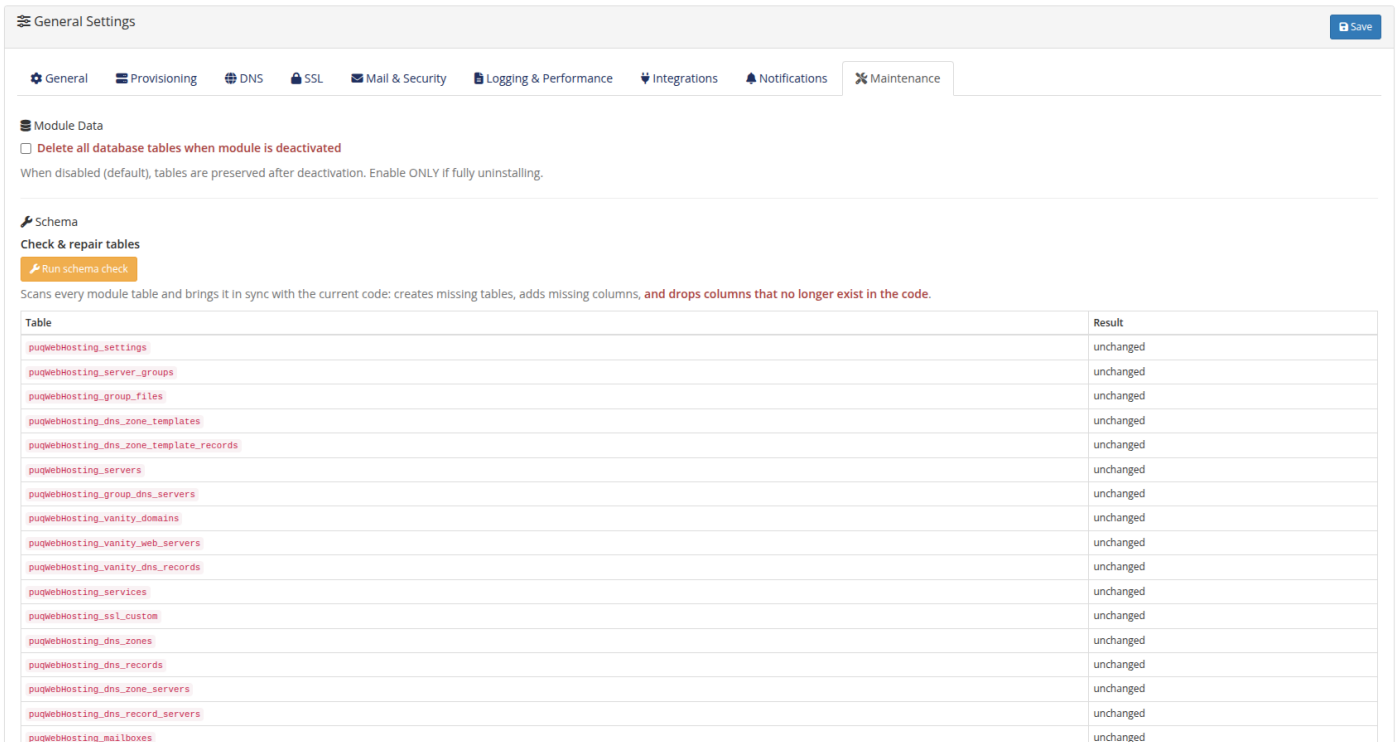
First run: check the schema & find the panels

After activation you have a new **PUQ Web Hosting** admin page (via *Addons*). Its top navigation gives you everything: **Home, Services, Statistics, Infrastructure, Logs, Settings, Help**.

PUQ Web Hosting

The screenshot shows the PUQ Web Hosting admin interface. At the top, there is a navigation bar with the PUQ logo and links for Home, Services, Statistics, Infrastructure, and Logs. On the right side of the navigation bar, there are links for Settings, Help, and v1.0. Below the navigation bar, there is a section for General Settings. On the left side of this section, there are tabs for General, Provisioning, DNS, SSL, Mail & Security, Logging & Performance, Integrations, Notifications, and Maintenance. On the right side, there is a dropdown menu for Settings with options for General, Cron, and Vanity widget. A Save button is visible in the top right corner of the settings area.

Open **Settings** → **Maintenance** and click **Run schema check** once. It scans every module table and brings it in sync with the current code — creating missing tables, adding missing columns and dropping columns that no longer exist. You should run this after every module update.



General Settings

General Provisioning DNS SSL Mail & Security Logging & Performance Integrations Notifications Maintenance

Module Data

Delete all database tables when module is deactivated

When disabled (default), tables are preserved after deactivation. Enable ONLY if fully uninstalling.

Schema

Check & repair tables

Run schema check

Scans every module table and brings it in sync with the current code: creates missing tables, adds missing columns, and drops columns that no longer exist in the code.

Table	Result
puqwebhosting_settings	unchanged
puqwebhosting_server_groups	unchanged
puqwebhosting_group_files	unchanged
puqwebhosting_dns_zone_templates	unchanged
puqwebhosting_dns_zone_template_records	unchanged
puqwebhosting_servers	unchanged
puqwebhosting_group_dns_servers	unchanged
puqwebhosting_vanity_domains	unchanged
puqwebhosting_vanity_web_servers	unchanged
puqwebhosting_vanity_dns_records	unchanged
puqwebhosting_services	unchanged
puqwebhosting_ssl_custom	unchanged
puqwebhosting_dns_zones	unchanged
puqwebhosting_dns_records	unchanged
puqwebhosting_dns_zone_servers	unchanged
puqwebhosting_dns_record_servers	unchanged
puqwebhosting_mailboxes	unchanged

“ The same tab has a “delete all tables on deactivate” toggle — leave it **off** unless you are fully uninstalling, so your data survives an accidental deactivation.

What's next

With both modules installed you build your service from the bottom up:

1. **Add your servers** and tag their capabilities — see *Add web / mail / DNS servers*.
2. **Group them** and apply role-targeted configuration — see *Server groups*.
3. **Create a product** pointed at a group — see *Create a product*.

The module **Settings** (timeouts, retry policy, SSL cadence, DNS/SOA defaults, integrations, notifications) are covered in *Addon Module* → *Settings*; the defaults are sensible, so you can come back to them later.

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