Changelog

PUQVPNCP module **WHMCS**

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v4.0.0 — 30-09-2026

Major architecture update for ionCube 15 compatibility, modern Guzzle HTTP client integration, PUQ UI Toolkit client area upgrade, automated cron task resilience, and enhanced security standards.

Architecture & Compatibility

- **Unencoded Hooks Architecture (v4.0.0+ / ionCube 15)** — `hooks.php` is now completely unencoded with zero business logic, ensuring 100% compatibility with ionCube 15 and WHMCS dynamic hook loading. All hook logic moved to `lib/puqVPNcpHooks.php`.
- **Guzzle HTTP Client** — Replaced all legacy direct cURL calls in both the PUQVPNCP API client (`puqVPNcpApi`) and license verification with WHMCS built-in `\GuzzleHttp\Client`, featuring robust error handling and timeout controls.
- **Automated Cron & Usage Resilience** — Usage updates and metric collection in WHMCS cron tasks are fully isolated per service with detailed logging; temporary connectivity hiccups with a panel or node will never interrupt scheduled automation or other customer accounts.
- **Clean Module Logging** — Eliminated repetitive local offline database license checks from the WHMCS Module Log, recording exclusively online license transactions to prevent log clutter.
- **PHP 7.4 – 8.4 Support** — Full compatibility with PHP 7.4 through PHP 8.4, explicit nullable parameter types, and strict null safety.
- **PUQVPNCP v2.x+ Requirement** — Explicit compatibility requirement and connection verification for PUQVPNCP panel version 2.x and higher.
- **WHMCS 9 & Select2 Dynamic Settings** — Modernized product settings dropdown detection to support WHMCS 9 Select2 elements seamlessly.

Multi-Protocol & Welcome Email

- **AmneziaWG Protocol Support** — Added comprehensive support for AmneziaWG (censorship-resistant obfuscated WireGuard) alongside WireGuard, OpenVPN, and IKEv2 across the entire module.
- **Configuration & QR Code Delivery** — AmneziaWG configuration text and QR code generation with download/copy functionality in both Client Area and Admin Area.
- **Resilient Multi-Protocol Welcome Email Delivery** — Welcome email template delivers configurations for WireGuard, AmneziaWG (with inline QR codes), OpenVPN (`.ovpn` profile), IKEv2 credentials, and One-Time Link (OTL). Custom email variables are transmitted as native PHP arrays to bypass WHMCS serialization length limits, with inline data-URI image rendering and monospace formatting. Only protocols enabled on the assigned server/network are fetched and rendered.

Client Area & UI Toolkit

- **PUQ UI Toolkit** — Added standard `templates/header.tpl` providing CSS design tokens, modern card layouts, and JavaScript primitives (`puqToast`, `puqLoading`, `puqCopyToClipboard`).
- **CSRF Protection** — Form and state-changing AJAX calls in the client area now include CSRF token verification.
- **Full Localization** — Added AmneziaWG translations, month name translations for traffic statistics, and multi-protocol labels across all supported languages with dual Ukrainian language file support (`ukrainian.php` and `ukranian.php`).

Settings & Provisioning

- **Admin API Connection Status** — Displays real-time API connection status for the assigned server/node in the WHMCS admin service tab, matching the standard interface of other PUQ modules with pre-check optimization and resilient error reporting.
- **Zero-Touch Settings Auto-Migration** — Automatically upgrades legacy product settings into modern unified configuration slots (`configoption24`) in the database upon product viewing.
- **Streamlined Service Provisioning** — Removed redundant domain field handling to ensure faster and cleaner service activation without unnecessary database overhead.
- **Automated Service Cleanup** — Local service statistics and traffic records are automatically removed upon successful account termination.
- **Protective Directory Indexes** — Added protective `index.php` across all module subdirectories.

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v1.2 — 22-06-2026

Speed tiers via Configurable Options, an automated welcome email with connection configs, a clearer One-Time Link, and a cleaner client-area overview.

Configurable Options — speed presets

- **One-click creator** — a **Create speed presets** button on the product Module Settings tab builds the WHMCS Configurable Options for **Download limit (Mbit/s)** and **Upload limit (Mbit/s)**, adds the presets (Unlimited, 10, 25, 50, 100, 250, 500, 1000 Mbit/s) priced at `0` in every currency, and links the group to the product. Idempotent — safe to click repeatedly.
- **Per-order speed** — the customer's selected value overrides the product's default download/upload limit. Applied on provisioning and on every upgrade/downgrade (WHMCS calls change-package for configurable-option changes as well).
- Per-tier pricing can be set on the sub-options to charge for faster speeds.

Welcome email

- Optional **welcome email** sent on provisioning, containing the connection details, full WireGuard config text and an inline QR code, plus a manage-service link.
- Selectable template — use any WHMCS Product/Service template or the bundled **PUQ VPNcp - Welcome**, with **Create if missing** / **Reset to default** buttons. The template is auto-created on first send if absent.
- **Resend welcome email** button on the admin service tab; works regardless of the per-product auto-send setting.

One-Time Link

- The client-area One-Time Link now includes a description, an **Open link** button, and a notice stating it carries every protocol config, QR code and credential and can be opened only once.

Client area

- The default WHMCS **Domain / Username / Server Name / IP Address / Visit Website** block is hidden on the service overview, as it is not relevant for VPN products.

Maintenance

- Admin AJAX endpoints made POST-only; output-escaping fixes; minor edge-case corrections.

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v1.1 18-06-2026

Bug fixes

- **Client area blank page** — fixed output-buffer conflict in the AJAX controller: WHMCS buffered HTML was prepended to JSON responses, causing the client area to render nothing
- **VPN session list false-positive error** — the `/client/online` endpoint returning an empty list `[]` (no active sessions) was incorrectly treated as an API failure; now handled correctly
- **Smarty template security error** — replaced blocked `{$smarty.get.id}` superglobal access (disallowed by WHMCS Smarty security policy) with the safe `{$service->service_id}` in client area and traffic statistics templates
- **Wrong default API port** — HTTP connections to the PUQVPNCP panel were falling back to port 80 instead of the correct default 8098; fixed in all four code locations across three files
- **AJAX responses on inactive services** — AJAX requests for suspended or terminated services now return a proper JSON error response instead of an empty string, preventing JavaScript parse errors in the client area

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v1.0 (2026)

- First release
- Multi-protocol VPN provisioning (WireGuard, OpenVPN, IKEv2)
- Lifecycle: create / suspend / unsuspend / terminate / change-package
- Per-client download and upload bandwidth caps
- Per-product VPN network selection via checkboxes — iterated at provisioning, first with free IP wins
- Client area: VPN client details, WireGuard config + QR, OpenVPN profile, IKEv2 profile, OTL generator

- Client area: monthly traffic chart with totals
- Admin service tab: API connection status, remote client state, bandwidth, selected networks
- License verification (online + offline cache)

Revision #8
Created 16 April 2026 15:03:55 by Ruslan
Updated 30 September 2026 20:07:03 by Ruslan