

Product Configuration (reference)

PUQ Web Hosting module **WHMCS**

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A product's behaviour is defined on its WHMCS **Module Settings** tabs. *Installation & Configuration* → *Create a product* walks the happy path; this page is a reference to the moving parts and how they fit together.

Details Pricing Module Settings Custom Fields Configurable Options Upgrades Free Domain Cross-sells Other Links

Module Name: PUQ Web Hosting
Server Group: None

License key: [input field]
success: License check disabled (DEV)

General Web limits Mail limits DNS limits Client Email Config options

Infrastructure
Server Group (addon side)*
pl
Picks which addon server group (web + mail + dns) this product deploys into. Nameservers and DNS variables are configured per-group under *Addon* → *Server Groups* → *Edit* → *DNS variables*.

Package contents
What this package includes
 Web (domain, files, databases, FTP, cron) Mail (mailboxes, webmail, mail backups) DNS (always active — locally managed)

Deployment mode
 Split (one Hestia user per role; web / mail / dns can live on different servers) Unified (single Hestia user holds web + mail; DNS joins the same account when the server is in the DNS cluster)
 Vanity (sell name.<your-domain> sites + name@<your-domain> mailboxes on a domain YOU own)

Split is the classic mode and supports any group composition. Unified requires the chosen server group to contain at least one server with both *Web* and *Mail* capabilities ticked (*Addon* → *Servers* → *Edit* → *Capabilities*). Customer-facing change: a single *Account backups* quota replaces the separate *Web* / *Mail* backup counts. The mode is locked at *CreateAccount* time — switching the product of an existing service between split and unified is refused.

Vanity sells slots on a domain you own (configured under *Addon* → *Server Groups* → *Edit* → *Vanity domains*). The buyer picks the parent domain via a Configurable Option named *vanity_domain* and enters their name in a Custom Field named *vanity_name*; the service then gets a normal per-service web account for *name.<domain>* and ONE mailbox *name@<domain>* on your shared mail user. The module never creates or deletes the parent domain / zone / your provider user. Set the per-order site and mailbox sizes on the *Vanity limits* tab.

How role gating works: A role is *enabled* for a service when BOTH the package-level checkbox is ticked AND the corresponding *disk_quota* resolves to a non-zero value. Setting *web_disk_quota=0* (or *mail_disk_quota=0*) via the *Web/Mail* tab or via a WHMCS Configurable Option behaves exactly like un-ticking the box here — the role is skipped entirely;

- Provisioner skips *createpackage* / *createuser* / *addomain* for the disabled role.
- Client area hides the matching tabs (*Mailboxes* / *Databases* / *FTP* / *Cron* / *Web settings* / *Custom SSL* / *Backups*) and dashboard cards.
- Admin inline panel skips role-specific pills.
- DNS is *never gated* — DNS records are managed locally regardless of which Hestia roles are active. If the server group has no DNS servers attached, DNS provisioning is silently skipped.

At least one of *Web* / *Mail* must be ticked — provisioning errors otherwise.

How the pieces connect

General tab → roles (Web/Mail/DNS) + Deployment mode (Split/Unified/Vanity)
Web/Mail/DNS limits → Hestia package quotas + module caps, each keyed to a Configurable

Option

Client tab	→ which client-area pages/actions are visible
Email tab	→ WHMCS email template per module event
Config options tab	→ Create/sync the WHMCS Configurable Options + the vanity_name Custom Field

At **order time** the module reads each customer's chosen limits from the WHMCS **Configurable Options** (whose keys it created), overlays them on the product defaults, and stores the resolved set on the service. You can inspect that resolved set on the admin service panel (the *Resolved limits* table).

Deployment mode decides the tab set

- **Split / Unified** → separate **Web / Mail / DNS limits** tabs.
- **Vanity** → a single **Vanity limits** tab (Website quota + Mailbox quota), plus the `vanity_domain` Configurable Option and the `vanity_name` Custom Field.

The screenshot shows the WHMCS Admin Panel configuration for the 'PUQ Web Hosting' module. The 'Deployment mode' section is active, showing three options: 'Split', 'Unified', and 'Vanity'. The 'Vanity' option is selected. Below the options, there is a detailed explanation of the 'Vanity' mode, including how it handles server groups, package contents, and role gating. The 'Vanity' mode is described as a classic mode that supports any group composition and requires the chosen server group to contain at least one server with both 'Web' and 'Mail' capabilities ticked. It also explains how the 'Vanity' mode handles website and mailbox quotas and how role gating works for this mode.

See **Deployment & Segmentation → Deployment models** for what each mode does, and **Vanity Mode → The vanity product** for the vanity specifics.

Limits → Configurable Options

Every limit field names its override key (e.g. `|web_disk_quota|`, `|mail_accounts|`, `|dns_records|`). The **Config options** tab turns those keys into real WHMCS Configurable Options in one click, so customers can pick tiers and you can price upgrades.

The screenshot shows the WHMCS interface for configuring options for the 'PUQ Web Hosting' module. The 'Config options' tab is active, displaying a table of configurable options. The table has columns for Option, Key, Source, Status, and Default values. The options listed are: Web disk, Web bandwidth, Databases, FTP accounts, Cron jobs, Web backups, Mail disk, Mailboxes, Mail backups, and DNS records. Each option has a corresponding key and a status of 'COMPLETE'. Below the table, there are buttons for 'Create / sync missing' and 'Refresh', and a message indicating that 10 options and 37 values were created.

Option	Key	Source	Status	Default values
Web disk	<code>web_disk_quota</code>	static	COMPLETE:5/5	1024 1 GB, 2048 2 GB, 5120 5 GB, 10240 10 GB, 20480 20 GB
Web bandwidth	<code>web_bandwidth</code>	static	COMPLETE:4/4	0 Unlimited, 51200 50 GB, 102400 100 GB, 512000 500 GB
Databases	<code>web_databases</code>	static	COMPLETE:4/4	1 1, 5 5, 10 10, 25 25
FTP accounts	<code>web_ftp_accounts</code>	static	COMPLETE:3/3	1 1, 5 5, 10 10
Cron jobs	<code>web_cron_jobs</code>	static	COMPLETE:3/3	5 5, 10 10, 25 25
Web backups	<code>web_backups</code>	static	COMPLETE:3/3	0 None, 3 3, 7 7
Mail disk	<code>mail_disk_quota</code>	static	COMPLETE:4/4	1024 1 GB, 2048 2 GB, 5120 5 GB, 10240 10 GB
Mailboxes	<code>mail_accounts</code>	static	COMPLETE:4/4	1 1, 5 5, 10 10, 25 25
Mail backups	<code>mail_backups</code>	static	COMPLETE:3/3	0 None, 3 3, 7 7
DNS records	<code>dns_records</code>	static	COMPLETE:4/4	25 25, 50 50, 100 100, 250 250

Tab	Key examples
Web limits	<code> web_disk_quota </code> , <code> web_bandwidth </code> , <code> web_databases </code> , <code> web_ftp_accounts </code> , <code> web_cron_jobs </code> , <code> web_backups </code>
Mail limits	<code> mail_disk_quota </code> , <code> mail_accounts </code> , <code> mail_backups </code>
DNS limits	<code> dns_records </code>
Vanity limits	<code> vanity_site_disk_quota </code> , <code> vanity_mail_quota </code> , <code> vanity_domain </code>

Client permissions & emails

The **Client** tab hides/shows client-area features per product; the **Email** tab maps each lifecycle event to a WHMCS email template. Both are covered with screenshots in *Create a product*.

“ Re-running **Create / sync missing** is always safe — it only adds what's missing and never rewrites existing options or values. Run it again after enabling a new

role or switching deployment mode.

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