

# Server-Group Editor

## PUQ Web Hosting module **WHMCS**

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Open a group (Infrastructure → Server Groups → **Open**) to manage its members, its centrally-managed `hestia.conf`, its DNS cluster and (for vanity groups) its sellable domains. A standard group has these tabs: **Actions** · **General** · **All-servers config** · **Web config** · **Mail config** · **DNS config** · **Variables** · **Standard files** · **DNS servers**.

## Actions — bulk apply per role

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Actions General All-servers config Web config Mail config DNS config Variables Standard files DNS servers

**Bulk apply**  
Each button enqueues one task per matching active server in the group. The worker filters keys by category target — buttons just decide which servers get a task.

- Apply Hestia config to all servers
- Apply config to web servers only
- Apply config to mail servers only
- Apply config to DNS servers only (Hestia-driver)
- Apply standard files to web servers
- Refresh status on all servers

**Servers in group 4**

Server	Type	Status	Last collected	
isp-mx01-test.uuq.pl isp-mx01-test.uuq.pl	MAIL	OK	2026-06-03 21:12:13	Open
isp-mx02-test.uuq.pl isp-mx02-test.uuq.pl	MAIL	OK	2026-06-03 21:12:23	Open
isp-web01-test.uuq.pl isp-web01-test.uuq.pl	WEB	OK	2026-06-03 21:11:46	Open
isp-web02-test.uuq.pl isp-web02-test.uuq.pl	WEB	OK	2026-06-03 21:12:00	Open

The Actions tab lists the members with their **Type** and **Status**, and pushes config/files **per role**: *Apply Hestia config to all / web only / mail only / DNS only, Apply standard files to web, Refresh status*. Applying enqueues one task per matching active node.

## General — name & purpose

Name, description and the **Group purpose** (Standard vs Vanity). See **Server Groups** and the **Vanity Mode**

chapter.

# Managed `hestia.conf` (role-targeted)

The module can centrally manage Hestia config keys and keep every node in sync (with drift detection on the node's *Group config* tab). The keys are split by role so they only ever land on the right tier:

- **All-servers config** — applied to every node (language, theme, security/API, user policies, plugins...).

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The screenshot shows the 'All-servers config' tab in the Hestia management interface. The interface includes a navigation bar with 'Home', 'Services', 'Statistics', 'Infrastructure', and 'Logs'. Below the navigation bar, there are tabs for 'Actions', 'General', 'All-servers config', 'Web config', 'Mail config', 'DNS config', 'Variables', 'Standard files', and 'DNS servers'. The 'All-servers config' tab is active, displaying settings for 'Basic ALL', 'Updates ALL', 'Backups ALL', 'Security / API ALL', 'User policies ALL', and 'Plugins ALL'. The 'Basic ALL' section includes fields for 'Default language' (English), 'Theme' (dark), 'Debug mode' (disabled), and 'Demo mode' (not managed by group). A 'Save group' button is visible in the top right corner.

- **Web config** — web-only (Apache/SSL/Nginx ports, web backend, sync error pages/skeleton, phpMyAdmin/phpPgAdmin aliases).

The screenshot shows the 'Web config' tab in the Hestia management interface. The interface includes a navigation bar with 'Home', 'Services', 'Statistics', 'Infrastructure', and 'Logs'. Below the navigation bar, there are tabs for 'Actions', 'General', 'All-servers config', 'Web config', 'Mail config', 'DNS config', 'Variables', 'Standard files', and 'DNS servers'. The 'Web config' tab is active, displaying settings for 'Web Server' and 'Databases'. The 'Web Server' section includes fields for 'Apache port' (not managed), 'Apache SSL port' (not managed), 'Nginx (proxy) port' (not managed), 'Web backend' (php-fpm), 'Sync error pages on rebuild' (yes), and 'Sync skeleton on rebuild' (yes). The 'Databases' section includes fields for 'phpMyAdmin alias' (not managed) and 'phpPgAdmin alias' (not managed). A 'Save group' button is visible in the top right corner.

- **Mail config** — mail-only (SMTP/IMAP/Sieve systems, antispam/antivirus, webmail,

use-server-SMTP, notification from-address).

Settings applied only to mail (Hestia) servers in this group. Pushed via `v-change-sys-conf ig=vaLue KEY VALUE` during the same "Apply Hestia config" action — the worker filters keys by category target, so mail-only keys never land on web servers and vice-versa.

**Mail**

Mail (SMTP) system `MAIL_SYSTEM`  
(not managed by group)

Outbound SMTP / inbound MTA, Hestia ships exim4.

IMAP/POP3 system `IMAP_SYSTEM`  
(not managed by group)

Mailbox access: daemon, Hestia ships Dovecot.

Sieve filters (ManageSieve) `SEIVE_SYSTEM`  
(not managed by group)

Server-side mail filtering rules (RFC 5228).

Antispam `ANTI_SPAM_SYSTEM`  
(not managed by group)

Spam filter applied to inbound mail.

Antivirus `ANTI_VIRUS_SYSTEM`  
(not managed by group)

Virus scanner applied to inbound mail attachments.

Webmail alias `WEBMAIL_ALIAS`  
(not managed)

Subdomain prefix, e.g. "webmail" → webmail.domain.com

Webmail system `WEBMAIL_SYSTEM`  
(not managed by group)

Use server SMTP for system mail `USE_SERVER_SMTP`  
(not managed by group)

Route Hestia's own notifications through local exim.

Notifications from-email `FROM_EMAIL`  
(not managed)

Notifications from-name `FROM_NAME`  
(not managed)

- **DNS config** — Hestia-DNS-only (DNSSEC, DNS cluster / remote NS list). PowerDNS nodes have no `hestia.conf` and are skipped.

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Settings applied only to Hestia-based DNS servers attached to this group. PowerDNS servers don't have `hestia.conf` and are silently skipped.

**DNS**

Support DNSSEC `SUPPORT_DNSSEC`  
(not managed by group)

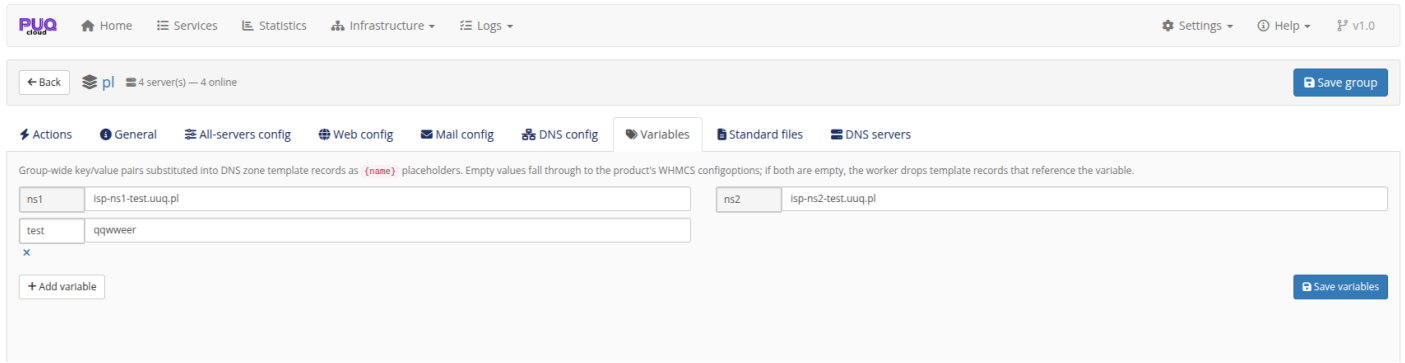
DNS cluster (remote NS list) `DNS_CLUSTER`  
(not managed)

Comma-separated remote DNS host IDs, leave empty for standalone.

Empty fields are **not managed** — the module only pushes the keys you fill in.

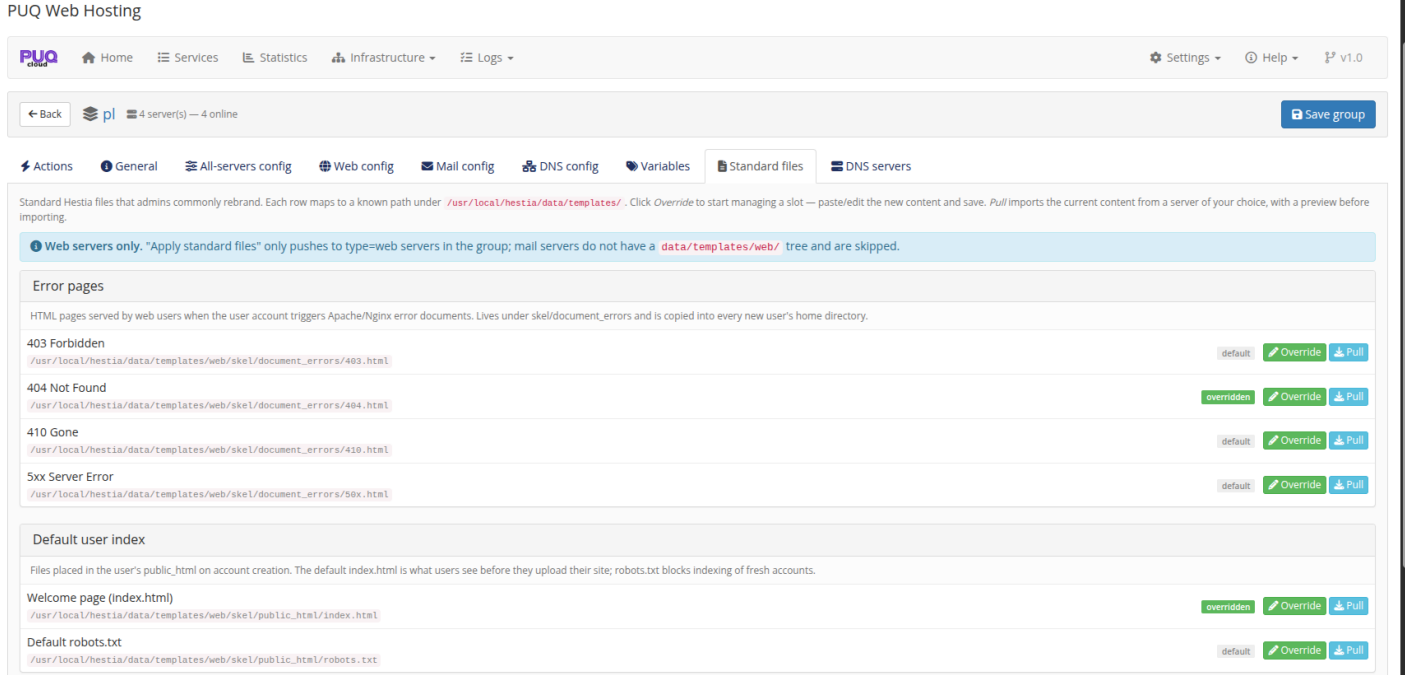
## Variables

Group-wide `{name}` key/value pairs substituted into DNS zone template records (e.g. `ns1`, `ns2`). Empty values fall through to the product's WHMCS configoptions; if both are empty the worker drops template records that reference the variable.



# Standard files (rebranding)

Rebrandable Hestia skeleton files for **web** nodes — error pages (403/404/410/5xx), the default user `index.html` / `robots.txt`, the suspended-account page, and the unassigned-IP vhost. Each can be **Overridden** (your content) or **Pulled** from a server, with default/overridden badges.



# DNS servers (the cluster)

Attach independent DNS servers to the group (active-active replication) and set the group's default zone template + SOA defaults.

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[Actions](#) [General](#) [All-servers config](#) [Web config](#) [Mail config](#) [DNS config](#) [Variables](#) [Standard files](#) **DNS servers**

**Default DNS zone template** — used for new services in this group unless the web server has its own override

Resolution chain: `web_server_dns_template_id` → `group_dns_template_id` (this) → `global_is_default`. Leave empty to fall through to the global default.

Default (global default) [Save default template](#)

**SOA defaults for new zones** — substituted into `puqwebhosting_dns_zones` on first deploy

These values run through the same placeholder substitution as zone template records. Available variables: `{domain}` `{server_ip}` `{mail_server_ip}` `{mail_server_hostname}` `{ns1}` `{ns2}` `{client_id}` `{service_id}` `{year}` `{unixtime}` + any custom key you define in the *Variables* tab.

SOA email (use `.` instead of `@`)  [Save SOA defaults](#)

TTL (s)  Refresh (s)  Retry (s)

Expire (s)  Minimum (s)

Attach DNS servers to this group. DNS servers are independent — one server can serve many groups. Zones and records of services in this group will be replicated to every attached DNS server (active-active cluster).

**Available DNS servers** — 2 of 2 selected [Save DNS selection](#)

**No server in this group has Web AND Mail capabilities ticked** — unified-deployment products will fail to provision here. Edit a server under *Web servers* and tick both caps, or stick with Split-deployment products.

Name	Driver	Caps	Hostname	Status	Capacity
<input checked="" type="checkbox"/> isp-ns1-test.uuq.pl	<a href="#">HESTIACP</a>	<a href="#">WEB</a> <a href="#">MAIL</a> <a href="#">DNS</a>	isp-ns1-test.uuq.pl	ACTIVE	4
<input checked="" type="checkbox"/> isp-ns2-test.uuq.pl	<a href="#">HESTIACP</a>	<a href="#">WEB</a> <a href="#">MAIL</a> <a href="#">DNS</a>	isp-ns2-test.uuq.pl	ACTIVE	4

Don't see your DNS server? Add it on the *DNS Servers* page first.

“ A **Vanity** group shows only General / Variables / DNS servers / **Vanity domains** — the hosting-config tabs are hidden. See **Vanity Mode** → **Setting up the vanity group**.

Revision #4

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