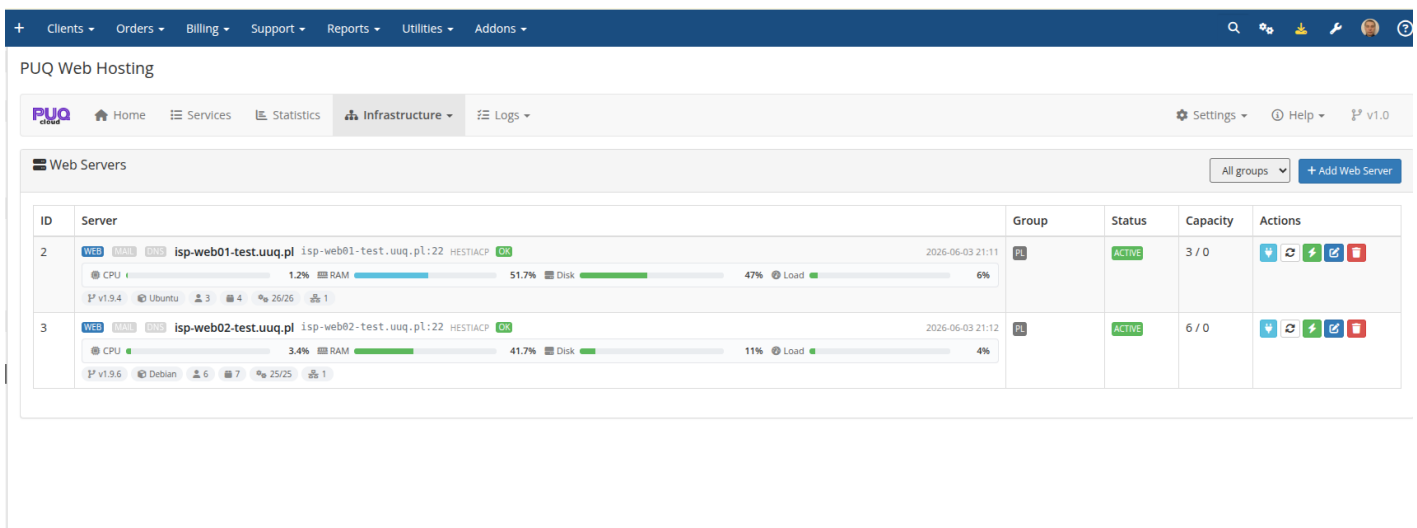


Add Web / Mail / DNS Servers

PUQ Web Hosting module **WHMCS**

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Your fleet is managed under **Infrastructure**. The same physical servers appear under **Web Servers**, **Mail Servers** and **DNS Servers** filtered by the capabilities you give them.



The screenshot shows the PUQ Web Hosting interface. At the top, there is a navigation bar with menus for Clients, Orders, Billing, Support, Reports, Utilities, and Addons. Below this is a sub-navigation bar with Home, Services, Statistics, Infrastructure (selected), and Logs. The main content area is titled 'Web Servers' and contains a table with the following columns: ID, Server, Group, Status, Capacity, and Actions. Two servers are listed:

ID	Server	Group	Status	Capacity	Actions
2	isp-web01-test.uuq.pl isp-web01-test.uuq.pl:22 HESTIACP OK v1.9.4 Ubuntu 3 4 % 26/25 1 1.2% CPU 51.7% RAM 47% Disk 6% Load	PL	ACTIVE	3 / 0	[Actions]
3	isp-web02-test.uuq.pl isp-web02-test.uuq.pl:22 HESTIACP OK v1.9.6 Debian 6 7 % 25/25 1 3.4% CPU 41.7% RAM 11% Disk 4% Load	PL	ACTIVE	6 / 0	[Actions]

Each row shows live **CPU / RAM / Disk / Load**, the Hestia version & OS, the panel-OK indicator, the group, the capacity used/max and the row actions. A green **OK** means the SSH/panel probe succeeded.

Add a server

Click **Add Web Server** (or Mail/DNS — they open the same editor) and fill in the connection details:

The OPcache PHP extension is enabled. This extension can cause problems with cached data use and PHP script execution in WHMCS. We recommend disabling OPcache. [Learn More](#)

PUQ Web Hosting

Web Servers

ID	Server
2	isp-web01-test.uuq.pl
3	isp-web02-test.uuq.pl

Edit Web Server

Capabilities *
 Web Mail DNS
 Tick every role this physical server is provisioned for. Unified-deployment products need a server with both Web and Mail ticked. PowerDNS supports DNS only.

Driver * hestiacp **Status** active

Name * isp-web01-test.uuq.pl **Group** pl

Hostname * isp-web01-test.uuq.pl **IP *** 77.87.125.156 **SSH port** 22

SSH username * admin **SSH auth method *** Password Private key

Either **root** (recommended), or any user with full passwordless sudo (**NOPASSWD: ALL**).

SSH password
leave blank to keep existing

Requirements on the HestiaCP server:

- SSH access enabled on port **22** (or custom port above).
- SSH user can log in via password or private key.
- FULL passwordless sudo is required.** The module runs both Hestia **v-*** commands and system probes (**df**, **/proc/***, custom scripts) — partial NOPASSWD scoped only to **/usr/local/hestia/bin/*** is not enough.

Two ways to satisfy this:

- (a) SSH as **root** — easiest, no sudoers config needed. The module auto-detects **uid=0** and skips **sudo** entirely.
- (b) Use a **sudoer user** — create **/etc/sudoers.d/puq-webhosting** on the Hestia server:

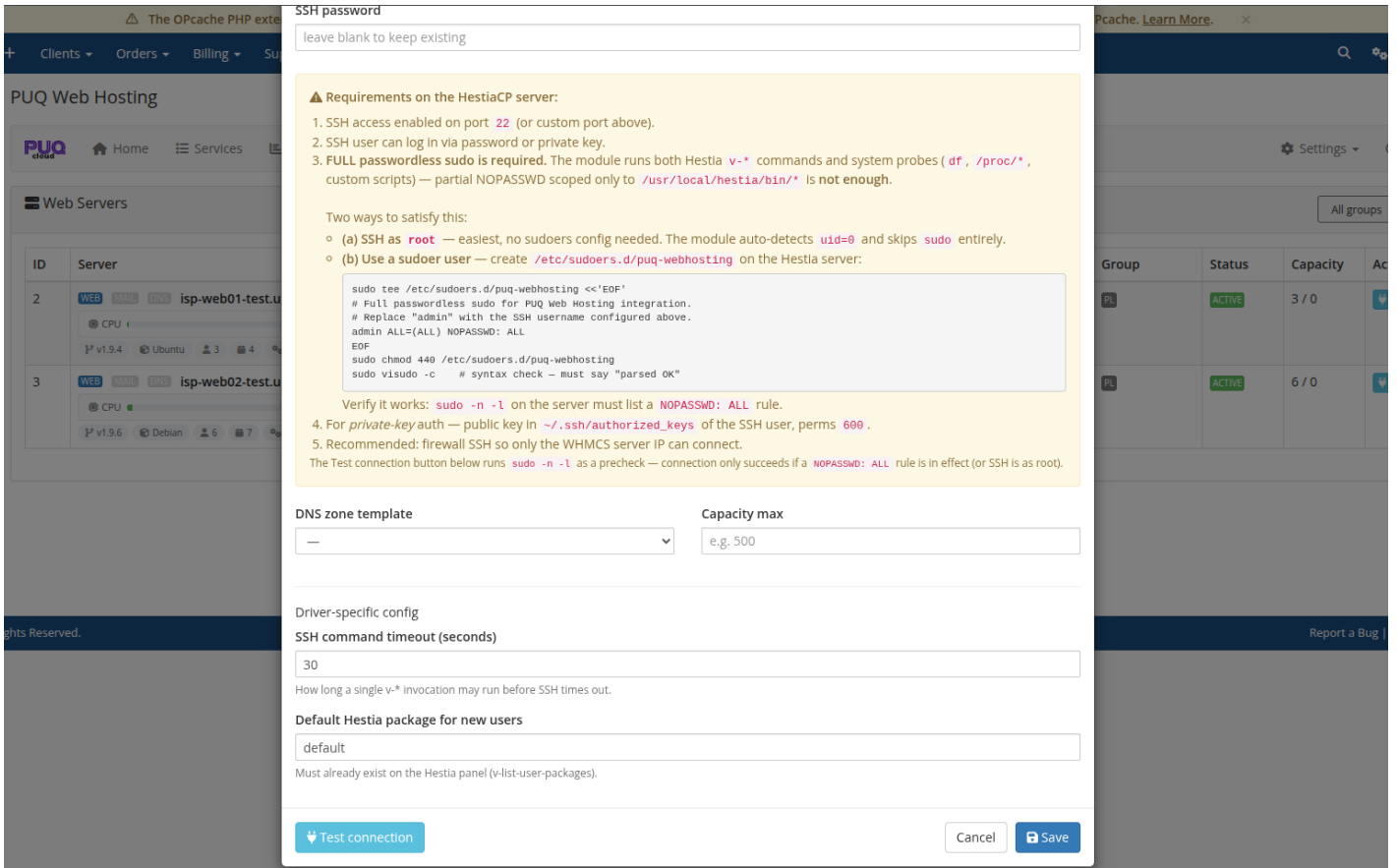
```
sudo tee /etc/sudoers.d/puq-webhosting <<'EOF'
# Full passwordless sudo for PUQ Web Hosting integration.
# Replace "admin" with the SSH username configured above.
admin ALL=(ALL) NOPASSWD: ALL
EOF
sudo chmod 440 /etc/sudoers.d/puq-webhosting
sudo visudo -c # syntax check - must say "parsed OK"
```

Verify it works: **sudo -n -l** on the server must list a **NOPASSWD: ALL** rule.

4. For **private-key** auth — public key in **~/.ssh/authorized_keys** of the SSH user, perms **600**.

Field	Notes
Capabilities	Tick Web , Mail , DNS — one, two or all three. This decides which pools the node appears in and which roles can be placed on it.
Driver	<code>hestiacp</code> (or <code>powerdns</code> for a DNS-only node).
Status	<code>active</code> to use it.
Hostname / IP / SSH port	The SSH endpoint.
SSH auth	Password or private key.

Lower in the editor you set per-server defaults:



- **DNS zone template** — the template used for zones created on/for this node.
- **Capacity max** — soft capacity used for least-loaded placement.
- **SSH command timeout** — override for slow nodes.
- **Default Hestia package** for new users.

Use **Test connection** before saving; the row will then show **OK** and start reporting live stats.

Capabilities = your topology

How you tick capabilities **is** your segmentation plan:

- **One node, all roles** → tick Web + Mail + DNS on a single server (great for starting out).
- **Web/mail split** → some nodes tick **Web** only, dedicated nodes tick **Mail** only.
- **Three tiers** → separate Web, Mail and **DNS** (nameserver) pools.

PUQ Web Hosting

Mail Servers

ID	Server	Group	Status	Capacity	Actions
8	 isp-mx01-test.uuq.pl 2026-06-03 21:12	PL	ACTIVE	4 / 0	[Actions]
9	 isp-mx02-test.uuq.pl 2026-06-03 21:12	PL	ACTIVE	2 / 0	[Actions]

DNS servers are a special case — they are **independent** and attached to groups (one DNS server can serve many groups). The DNS Servers page reminds you of this:

PUQ Web Hosting

DNS Servers

DNS servers are independent — attach them to groups from Group → DNS servers tab. One DNS server can serve many groups.

ID	Server	Status	Actions
10	 isp-ns1-test.uuq.pl 2026-06-03 21:12	ACTIVE	[Actions]
11	 isp-ns2-test.uuq.pl 2026-06-03 21:12	ACTIVE	[Actions]

“ See **Deployment & Segmentation → Server segmentation** for the full reasoning and the role-targeted configuration that goes with these capabilities. The next page groups these servers so a product can sell from them.

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