

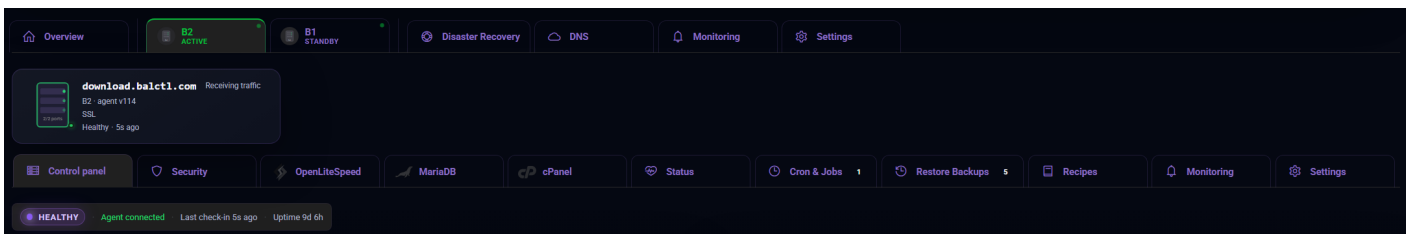
Pool members & enrollment

Member tab layout

Click a member in the tab bar to open its workspace. Sub-tabs:

| Tab | Purpose |
|-----------------|---|
| Control panel | Host ops: reboot, updates, hostname, TLS domain (non-HAProxy PEM) |
| Security | UFW firewall, SSH enable/disable, firewall backup |
| Status | Live HAProxy traffic stats from heartbeat (show stat) |
| Cron & Jobs | Scheduled tasks + job timeline |
| Restore Backups | List snapshots, scoped backup/restore |
| Recipes | One-click enable flows (admin socket, SSH, Let's Encrypt, agent update) |
| Monitoring | Member-level alert thresholds |
| Settings | Display name, hostname, allowed IPs, geo, remove member |

HAProxy-specific Management actions (install, reload, drain, TLS failover) are surfaced on Control panel and via Recipes — the dedicated HAProxy tab exists in code but is hidden until product-ready.



Enrollment security model

Each heartbeat must satisfy:

1. Bearer token — 48-character enrollment secret (hashed in D1)

2. `CF-Connecting-IP` — must match allowed source IP(s)
3. JSON `hostname` — must match enrolled hostname

Mismatch → 403 (IP) or credential errors.

Agent environment

| Variable | Purpose |
|---------------------------------------|--|
| <code>BALCTL_API_BASE</code> | Worker URL (e.g. <code>https://serversctl.com</code>) |
| <code>BALCTL_ENROLLMENT_SECRET</code> | From Add member modal |
| <code>BALCTL_HOSTNAME</code> | Override OS hostname |
| <code>BALCTL_DECLARE_IP</code> | Declare public IPv4 in heartbeat |
| <code>BALCTL_PROBE_PUBLIC_IP=1</code> | Probe public IP if not declared |

Agent runs as root for HAProxy install, backup/restore, admin socket, and cert writes.

Revision #2

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