

Create your first pool & Enroll your first member

Create your first pool

Step 1 — Add pool

1. Go to Pools → Add pool
2. Choose the HAProxy template
3. Name the pool (e.g. `production-edge`)
4. After create, you land in the pool with a setup banner

Step 2 — Connect DNS (Settings)

ServerCTL needs API access to authoritative DNS to create/update the failover A record.

Cloudflare

- API token: Zone · DNS · Edit (+ zone read)
- Cloudflare Account ID
- Select the zone that will host your public hostname

cPanel / WHM

- WHM hostname and port (usually 2087 or 443)
- WHM username + API token
- Zone domain (apex), e.g. `example.com`

You can save reusable Cloudflare credentials under Settings → API providers and link them to pools without re-entering tokens.

Step 3 — Enrol the first member

On Overview → Add member:

Field	Notes
Member template	HAProxy balancer
Hostname	Must match JSON <code>hostname</code> from the agent; set <code>BALCTL_HOSTNAME</code> on the VM if OS hostname differs
Allowed source IPs	VM outbound IPv4 to <code>serversctl.com</code> (egress), not necessarily SSH address

After creating, copy the one-shot install command **immediately and run it in the HAProxy Server** — the enrollment secret is shown once.

The command:

- Downloads the agent bundle
- Runs `balctl-agent.sh --enrol --key ... --hostname ...`
- Writes `/etc/balctl/agent.env`
- Installs and starts `balctl-heartbeat.service`

Within a few seconds, the member tab should show a green heartbeat.

Step 4 — Set the public failover hostname

Settings or Managed DNS tab:

- Set DNS label (e.g. `lb` → `lb.example.com`)
- Choose orange-cloud (proxied) vs DNS-only as needed
- On Overview, Make active on the member that should receive traffic

Step 6 — Add a standby (High Availability)

Repeat enrollment on a second VM. Enable Automatic failover in Settings when ready for unattended promotion.

Revision #2

Created 2026-06-16 00:47:11 UTC by ServersCTL

Updated 2026-06-19 14:58:28 UTC by ServersCTL