

HAProxy operations

Install & lifecycle

Action	Command ID	Notes
Install HAProxy	<code>haproxy.provision</code>	Fresh VM
Re-install	<code>haproxy.provision</code> + <code>force: true</code>	Overwrite install path
Reload	<code>haproxy.reload</code>	After config edits
Provision standby from backup	<code>standby.provision_from_backup</code>	Clone config from backup onto standby

Jobs are enqueued to the API; the agent claims and runs them on the next heartbeat.

Admin stats socket (drain / ready)

Runtime backend control requires a Unix admin socket in `haproxy.cfg`:

```
stats socket /run/haproxy/admin.sock mode 600 level admin expose-fd listeners
stats timeout 2m
```

Enable via Recipe: Enable HAProxy admin stats socket or Enable admin stats socket action.

Requires socot + agent as root. This is not a public HTTP stats page.

Backend server states

From Management/topology table:

Action	Command ID	HAProxy runtime
Drain	<code>haproxy.server_drain</code>	<code>set server ... state drain</code>
Ready	<code>haproxy.server_ready</code>	<code>state ready</code>
Maintenance	<code>haproxy.server_maint</code>	<code>state maint</code>

TLS (Let's Encrypt on HAProxy)

Recipe: Let's Encrypt (failover / HAProxy)

- Uses DNS-01 via Cloudflare for the pool failover FQDN
- Agent writes combined PEM: `/etc/haproxy/certs/<hostname>.pem`
- One-time operator step: add `ssl crt /etc/haproxy/certs/<hostname>.pem` in config, validate, reload
- Renew from Management or cron preset `tls.acme_renew_force`

The pool must have Cloudflare linked and a failover label set before the recipe applies.

Status tab

Shows live traffic from agent heartbeat enrichment — not a duplicate of the Overview topology diagram. Use for session rates, backend health columns, etc.

Revision #2

Created 2026-06-16 00:59:34 UTC by ServersCTL

Updated 2026-06-18 14:26:54 UTC by ServersCTL