DNS failover & traffic cutover

Manual cutover

Make active on a standby member → ServersCTL sets it as primary and updates the managed A record to its public IPv4.

Cut DNS to standby on Overview → promotes next failover-ready standby (same DNS update, overview-oriented workflow).



Automatic failover

Enable in Settings → Balancer failover.

When enabled, ServersCTL periodically evaluates the active member. Promotion triggers when:

- Heartbeat age exceeds failover delay, or
- HAProxy is monitored and inactive

A healthy standby is promoted; DNS is updated; optional email alert fires.

Failover delay

Setting	Range

Recovery time	10–120 seconds
Community (free)	Fixed at 120s
Pro / trial	Faster presets (e.g. 10s, 30s)

Agents' heartbeat independently (~1s); failover delay is not the heartbeat interval.

Failover-ready criteria

A standby is ready when:

- Recent heartbeat within the failover window, and
- HAProxy is not down (when monitored)

Dynamic DNS Sync

Optional for HAProxy pools when the active member’s WAN IPv4 changes (DHCP/ISP churn). Each heartbeat can push the new public IP to Cloudflare without manual DNS edits.

Proxied vs DNS-only

- Orange cloud (proxied): Traffic through Cloudflare; good for HTTP/S when origin IP hiding matters.
- DNS-only (grey cloud): Clients connect directly to member IPv4 — required for raw TCP services (e.g. non-HTTP on custom ports).

Revision #3
Created 2026-06-16 00:56:00 UTC by ServersCTL
Updated 2026-10-22 09:41:50 UTC by ServersCTL