

# Backups & disaster recovery

## What gets backed up

HAProxy backup job captures:

- `/etc/haproxy/haproxy.cfg` and `conf.d/*.cfg`
- `/etc/haproxy/certs/*`
- Let's Encrypt material under `/etc/letsencrypt/`
- Paths referenced by `ssl crt` in config under `/etc/`
- Optional UFW rules (`backup.ufw`) — separate job

Storage: Per member S3.

Path pattern:

```
{userId}/sites/{siteId}/snapshots/{snapshotId}/
```

## Restore flows

Same member: Restore Backups tab → pick snapshot → scoped restore → agent validates with `haproxy -c` → reload.

Cross-member (DR tab): Restore another member's snapshot to a target VM — typically after an outage or a bad config push.

Fresh VM rebuild:

1. Enrol new/replacement member
2. Optional: Install HAProxy
3. Restore snapshot
4. Make active when ready

## Standby provisioning

Provision standby from backup clones, HAProxy config from a backup onto a standby host — faster than manual copy for DR drills.

