

Homeserver

Platform: Proxmox VE

Doel: self-hosted services + password manager

Status

- In opbouw
- HDD's nog onderweg

Services (gepland)

- Vaultwarden
- Reverse proxy
- Monitoring

Homelab documentation

This repository documents the architecture, storage layout, services and operational procedures of my home server.

Goals:

- Reliable storage using ZFS
- Clear separation between critical and non-critical data
- Automated backups to an offsite location
- Minimal exposure to the internet
- Reproducible setup through documentation

The server is built around Proxmox with mostly LXC containers and ZFS-backed datasets mounted directly into containers.

Homelab documentation

This repository contains the full documentation of my homelab setup. It is organized by architecture, design decisions, operational procedures and individual services.

Architecture

- [Architecture overview](#)
 - [Storage layout](#)
 - [Network design](#)
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Design decisions

- Virtualization strategy
 - Naming conventions
 - Backup strategy
 - Network exposure
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Operations

- Proxmox installation
 - ZFS setup
 - LXC creation
 - Upgrade strategy
 - Backup and restore
 - Disaster recovery
 - Security hardening
 - Monitoring
 - Disk health check
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Services

Core

- Home Assistant
- Immich
- Bitwarden

Archive & knowledge

- Paperless
- Nextcloud
- Calibre
- Karakeep
- Vikunja
- Obsidian

Media (non-critical)

- Jellyfin