

# Homeserver

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Platform: Proxmox VE

Doel: self-hosted services + password manager

## Status

- In opbouw
- HDD's nog onderweg

## Services (gepland)

- Vaultwarden
- Reverse proxy
- Monitoring

# Homelab documentation

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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

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

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## 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](#)