

The Self-Hosted Stack - Building Your Own Cloud with Open Source

- **Speaker:** Brandon Hopkins
- **Room:** HC 203
- **Time:** Sun 9:30 am – 10:00 am
- **Format:** Lecture (30 Min + Q&A)
- **Difficulty:** Introductory
- **Track:** Self-Hosting
- **Presenter Location:** In-person
- **Experience:** first time speaking

Description:

Most people assume that building a personal cloud requires expensive hardware, endless maintenance, or settling for something unreliable. Brandon has been running a production-grade homelab for years, and in this talk he shows how approachable — and powerful — a modern self-hosted stack can be.

Attendees will walk through a real, fully open-source home cloud built on:

- **Proxmox** as the virtualization foundation
- **Nextcloud** as an alternative to Microsoft 365 or Google Workspace
- **Immich** as a replacement for Google Photos
- **Jellyfin** instead of commercial streaming services
- **NetBird** to securely connect everything without punching firewall holes

The session covers why people switch to self-hosting, the real-world tradeoffs, and what you should consider before diving in. You'll leave with a clear picture of what a modern open-source home cloud looks like, what it takes to build one, and whether it's the right move for you.

Target Audience:

- People interested in self-hosting

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