

Do you want to build a router?

- **Speaker:** Mathias Palmersheim
- **Room:** CC 203
- **Time:** Sat 4:00 pm – 4:30 pm
- **Format:** Lecture (30 Min + Q&A)
- **Difficulty:** Some experience required
- **Track:** Networks
- **Additional Tags:** Self-Hosting
- **Presenter Location:** In-person
- **Experience:** several-th time speaking

Description:

After years of configuring firewalls and routers, Mathias found himself wishing these platforms were as easy to manage as a standard Linux machine — especially since his Ansible-based workflow already made Linux configuration effortless. Unfortunately, most routing platforms fall short: no API, thin Ansible modules wrapped around a CLI, or limited access to the open-source tools running underneath.

This talk explores how Mathias gradually — and then very quickly — transitioned from relying on traditional router platforms to running a **Linux-based router** managed through the same GitOps workflow as the rest of his infrastructure. Attendees will learn what motivated the shift, what challenges emerged, and how adopting a Linux router improved control, observability, and consistency across his homelab.

Target Audience:

- Network admins who want better control and observability of their networking equipment

From:

<https://wiki.livingcartoon.org/> - Living Cartoon Company

Permanent link:

https://wiki.livingcartoon.org/events/lfnw_2026_build_a_router

Last update: **2026/04/20 21:20**

