ChaosMeeting 2025/04

Date	25/08/2025
Time	20:00
Location	nextcloud
Administrative Council Attendees:	virii, xbr
Minutes Recording	xbr

Agenda

- Freifunk - xbr
- Alternative Meshed Networks - orimpe, virii

Minutes

Freifunk

GitHub Org

orimpe does not have access to the Freifunk-Luxembourg Org.

fantawams might have access, looking at FreiFunk Meetup 2019/03. Worst case, sid might have access.

If the site is mirrored on GitHub, we could make use of GitHub Actions for building. See: Freifunk Darmstadt's usage.

Jitsi & Ansible

C3L NextCloud's Talk works, but it's not great, as such, it would be cool if we could run Jitsi on Freifunk Infrastructure.

The pain point is using Ansible for fflux: it is so complex that it is never touched, and using Ansible for that makes it difficult.
Setting up gateways via Ansible works, but the main server is too complex.

fflux-test is now running Debian 13, Ansible configuration has been updated accordingly.

VPN

OpenVPN will be deprecrated by our VPN provider, we need to move to WireGuard.

Currently IPv6 does not work via the VPN, but nodes **only** have IPv6.

This is due to the VPN configuration script (up/down).

When we move to WireGuard, we'll have to rewrite those configs and the routing things.

Running our own DNS

We should run our own DNS, fflux has been running bind since 2023, we've just never switched over.

gluon

xbr had built experimental v2023.2.5, but wanted to add multi domain support for individual gateway testing.

We looked into a 360 deg. AP, but it seems like the current known option is not stable in busy environments: https://forum.freifunk.net/t/cudy-wr3000-v1-instabile-verbindung/24416/3

Adding SSH keys to the site config could be useful instead of adding them manually, possibly enabled by default. As such, we would avoid issues of "forgetting" to add keys.

Alternative Meshed Networks

We need to re-do the internal poll to pick a date.

orimpe is considering doing a Spark-up! event regarding those networks.

In the ChaosStuff, orimpe set up the following:

- Meshtastic client
- Meshcore room server

We should have an over-arching project for "network" projects: Freifunk, Meshtastic, Meshcore, ... We'll try to find a name...

Again, we still have a wiki page: Meshtastic / Meshcore

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