X

Tinkerer working on a lot of network-related stuff: Freifunk and member of NOC.

[+] email: xbr at c3l
[+] XMPP: xbr at c3l
[+] SSH: `ssh-ed25519 AAAAC3NzaC1lZDI1NTE5AAAAIA9QZ6hlAemYjErqO593D3mnAK8o3xfMNnczy3lsmHXh C3L key for xbr 2021-04-10`

Projects

- Freifunk Luxembourg

- took it over from fantawams
- made a new website
- trying to make everything fancy and nice
- goal: making it more popular

- TLS Expiry Tracker

- TLS is good but many people set it up in non-ideal ways
- show how frequently it goes bad

- Updated and documented Command & Control

- official Ubuntu install was outdated, bloated and broken (e.g. Syngergy software KVM)
  - updating it broke the desktop and ssh shutdown
- tried installing NixOS
  - not enough space
  - broken USB hotplug
- installed Armbian
  - not great
- Automated Archlinux install and setup using Ansible
  - Git repository

- Maintain the Zigbee network inside of the hackerspace

- SBC: RPi 4 Model B Rev 1.2
- Gateway: Dresden-elektronik Phoscon RaspBee (1) (ITS CURSED)
- took it over from virii
- Network:
  - 2 LED strips
  - 4 Multi sensors

- NOC member

Todo / WIP

* Fix a bricked CPE210 (Freifunk)

- stuck in boot (accepts TFTP)
- doesn't accept any recovery.bin
- boots on vmlinuz
    - crashes on both wiki vmlinuz and self built openwrt

Project ideas

- Hacked conference phone (Polycom) as a microphone/speaker combo for the Chill. It would most likely have a good microphone for "room" stuff. If the audio cancellation were to be lacking, Mumble's dev 1.4 RNNoise works well.
- Internal SIP network
- Dancing and Singing Animatronics, see @agirisan (natalie)'s 3 robots. (She doesn't do a lot of animatronics, mostly other stuff, documentation and resources are sparse)
- Minitel terminal for the space: interface to different space services, but terminal-based (example)
- "Live Radio" digital clock with analog circle, digital time (HH:MM) in center, with seconds underneath it. Should grab time via NTP.

From:
https://wiki.c3l.lu/ - **Chaos Computer Club Lëtzebuerg**

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Last update: **2025/03/31 00:54**