

ChaosMeeting 2026/06

Date	11/05/2026
Time	20:00
Location	ChaosStuff
Administrative Council Attendees:	xbr , virii , orimpe
Minutes Recording	xbr

Agenda

- Meshnet
 - Planning: setting up the first DEA nodes
 - Dutch Meshcore - Switch to SF7
 - Meshnet.lu website
 - Meshnet.lu stickers
 - New Antennas
 - Update Freifunk
- Admin (DDS)
 - LBR/RCSL/RBE + BCEE: Update information, what is what?
 - FVDE?
 - Update Phone number (who should it (not) call?)
- NOC
 - Updates from the NOC (regarding ChaosStuff Network)
 - Problems due to (lack of) MQTT in ChaosStuff
 - .lu domains
 - kallithea to forgejo migration

Minutes

Meshnet

First DEA Nodes

[orimpe](#) presented a slide deck, showing the locations of nodes we'll install:

- POE Node: Useldeng, Marnach
- Solar Node: Eschduerf, Derenbach, Roullingen, Napoleonsgaart

[orimpe](#) then opened lux.meshmapper.net to present the state of the network in Luxembourg, showcasing the new nodes.

[orimpe](#) also showed a spreadsheet with the possible locations, their reach and their rating, that is, how far they reach and thus how useful they are.

Dutch Meshcore - Switch to SF7

[orimpe](#) also presented another document: [Dutch Meshcore - Switch to SF7](#), lowering the "spreading factor", getting better performance, but breaking compatibility with the rest of the network. They have done this as the network has gotten too busy.

Meshnet.lu website

[xbr](#) will migrate the repository from kallithea to forgejo, and [orimpe](#) and [virii](#) will start writing some content.

Meshnet.lu stickers

[virii](#) got various Meshnet.lu stickers and brought them to the ChaosStuff.

New Antennas

[virii](#) has bought some new antennas for testing from various manufacturers:

- [Allnet 3dBi](#) *
[[https://www.reichelt.de/de/de/shop/produkt/lora_wan_antenne_868_mhz_5_dbi_n-buchse-317057|Allnet 5dBi
- [Poynting 4.5dBi](#)
- [Interline 8dBi](#)

Freifunk Update

[xbr](#): It works again!

[virii](#) and [orimpe](#) tested it in the ChaosStuff, IPv4 works but limited speed due to encryption, and IPv6 does not work. This is due to the lack of routing rules and handing out of IPv6 addressing.

Freifunk could become more event-oriented, but it might have to be a different model, as meshing (wireless) would not necessarily make it ideal.

If we bought cheap used enterprise equipment and loaned it out for a donation, optionally even having some people help and set it up, that could be cool, but a completely different model and require more labour and equipment.

Alternatively, Freifunk could host services. Sadly, hosting it in Germany and calling it "freifunk.lu" is kinda crappy. Finding hosting in Luxembourg is very difficult and expensive, there are no VPSes, we'd need to get something sponsored.

Admin

LBR & BCEE

We updated the information in the LBR:

- RCS: Modification portant uniquement sur les mandataires
- RBE: Modification des bénéficiaires effectifs

For the BCEE account, we need to change the acces, there might be a PDF form, but we have to go in-person. [virii](#) will take a look and ask.

FVDE

FVDE still exists on paper, but the AGA has closed it.

We took a look at the LBR form, it seems possible to close it, but a minimum of information is required (closure date, etc.).

[virii](#): [fantawams](#) should've done it, but was not able to. I'll take a look at it

Update phone number

We have to update the targets of the phone, to [virii](#) and [xbr](#).

[virii](#) has sent the email.

When someone calls the C3L number, it rings the other people, with the C3L number as the origin.

NOC

Updates from the NOC (regarding ChaosStuff Network)

[virii](#): we sent the Archer C7 in retirement, we replaced it with TP-Link Omada, with a controller and APs, IPv6 works now.

The FritzBox has been removed, we only use the CZ.NIC Omada, the photo club shares the network with us now.

[virii](#) has removed all broken and non-working devices from the NOC rack: old backup system, roonadan, the other Pi that [virii](#) had, etc.

We do want to install a new system(s) (e.g. Pi) in the NOC rack for MQTT, Grafana, and other internal systems.

Problems due to (lack of) MQTT in ChaosStuff

We need MQTT in the network, for lights (Zigbee2MQTT), the red button still uses MQTT, but that could be changed. MQTT is not necessarily a bad choice, but we must re-configure it. Possibly the scripts and older config could be gotten from the roonadan SD card.

The DECT power switches and the alarm (open/closed) run over HTTP calls (GET/POST).

.lu domains

[xbr](#) will move freifunk.lu from VO to a new my.lu account.

kallithea to forgejo migration

We need to migrate repos to forgejo, [xbr](#) will start migrating some important repos.

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