

The background is a collage of various protest signs and logos. In the top left, a sign features a cartoon character with large eyes. To its right is a circular logo with a stylized figure. Below these, a sign with the text 'TEOT.ORG' is visible. On the right side, there's a sign with the letters 'STR'. At the bottom left, a sign prominently displays 'OOT.ORG' with the tagline 'ed on principles of freedom, and decentralization.' below it. The entire image has a halftone or dotted texture.

ANNUAL REPORT 2022

Annual Report 2022

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This year, just like the previous one, has sprint through really quickly. While still under heavy pressure from non-Disroot related priorities (life), we have managed to achieve quite some milestones which enable us to expand and improve the platform for the years to come.

Here is a summary of the highlight of 2022:

Lacre

One of the most anticipated projects of the year was finalizing the initial work on our open source, end-to-end mailbox encryption called "Lacre". We have managed to update the initial code and bring it back to life from the abyss of abandon-ware. We have upgraded the back-end code to Python3, introducing many unit tests which will help develop the project further. We've implemented number of performance improvement features as well. Additionally we have put some paint coat on the front-end part of the project. Although we initially planned to run public beta tests - open for all Disrooters - on the Disroot's mail-server, while doing closed alpha tests we have identified a bug that could hinder the user experience, even for those who would not participate in the open test. And so, we have decided to postpone it. Nonetheless, we continue to work on the project and we are certain it will hit Disroot's servers as a permanent open source end-to-end mailbox encryption in 2023. Huge thanks to @pfm for his amazing work on back-end

code without whom we would be nowhere, and NLnet Foundation for financial support during the project. We would also like to thank everyone who helped us and supported this development. This isn't the end. It's just the beginning!

More about the project at <https://lacre.io>

New Servers

As you may know, Disroot is run on hardware 100% owned by the foundation. We do not use third party VPS, servers or storage. Everything is stored on servers we own and are in full control of. As you might imagine this means that hardware gets old, faulty or simply we need to account for shrinking storage space which we can't easily expand by two clicks at a service provider. We started from one physical server and we have grown to three servers in total. As the resource demands grew, we continued to upgrade the hardware. However, at some point you reach the limits of what you can do and so we knew it was time to replace them. Thanks to the amazing financial support over the years by you dear Disrooters, we have been able to accumulate enough money to go shopping. As a result we have purchased three new servers which will be replacing the old ones. New hardware will provide more storage, better performance and good buffer for next few years.

We have already started the process of server replacement and have deployed a new one in November. We plan to complete the operation of deployment of other two servers in the first quarter of 2023.

Catchall

Changing your email provider is very tedious job. You need to make sure everyone, starting from your friends and family, ending with your bank, online shops and your vet did change the address to the brand spanking new Disroot.org. This is one of the main reason many people stick to the big commercial ones they have created in the beginning on their online

journey. There is however an easy and rather cheap solution to this problem. You can buy your own domain name and use it with your email provider. Most providers have such feature and Disroot is no different in that regard. To show our appreciation when you donate us some coffee (either on regular basis, annual or one time), we allow you to link your domain name to your Disroot account. That means you can send and receive emails from your domain `username@mydomain.ltd`.

Many of you asked for catchall feature for custom domain owners. This feature allows you to receive all emails addressed to your domain (`anything@mydomain.ltd`). This year we have implemented it and if you do have a domain linked to your email, you can enable this feature at <https://user.disroot.org>

We do intend to also allow same service for our XMPP chat, but due to some issues that need resolving first and being overrun by other priorities, we kept pushing this forever. We do plan to get on with this and allow XMPP domain linking in the first quarter of 2023.

Spam Fighting

Email spam is the worst nightmare anyone running public email service will have. On one hand, you want to give users as much freedom to decide what to do with their emails and most importantly not having to scan any correspondence. On the other hand, you need to keep a good reputation so that others will not mark all emails coming out of the server as spam, and additionally you want to protect your own users from being victims of all kind of shady business, spam, phishing, and other abuse.

This means you need to compromise and find a good balance to make everyone happy enough. This year we have loosened up some of the spam protection causing delayed delivery of emails (greylisting), or temporarily blocked IP's and domains based on global RBL (DNS Blacklist or Realtime Blacklist respectively) listing. Instead we worked harder on our spam detection system and decided to automatically move emails flagged as SPAM to the Junk folder.

We constantly need to keep our tabs on current situation and keep improving because spammers and other bad actors do improve as well, so please give us feedback on any shady emails you come across. To make things easier we have launched two email addresses. One to send in spam you got in your mailbox and which was not automatically detected: **spam.report@disroot.org**, and another for email that was marked as spam while it shouldn't be: **ham.report@disroot.org**.

Roundcube

Finally. New webmail is here. Roundcube is our new go-to webmail solution on Disroot. We have worked out a custom beetroot theme and we have added some useful features to it. Webmail automatically syncs contacts to your Nextcloud. This means you can have the same address book on your webmail, desktop, mobile and web. We are looking forward to adding more features, specially those requested by you.

<https://webmail.disroot.org>

Stickers

Stickers and other merch is always nice to have. For years we have been wanting to provide it to Disrooters and supporters. To the point that @antilopa and @muppeth have decided to build their own DIY print-shop. However it seems that it's taking them a long while now, so as we are waiting for the shirts, bags, patches and other cool stuff produced by our own admins, we have gone ahead and got some stickers for you all. By donating at least 10 euro and leaving your address we'll send you a cool sticker pack. We intend to change sticker design each time we need to order/print new batch so even if you got yours already, you might get surprised when donating again.



Plans for 2023

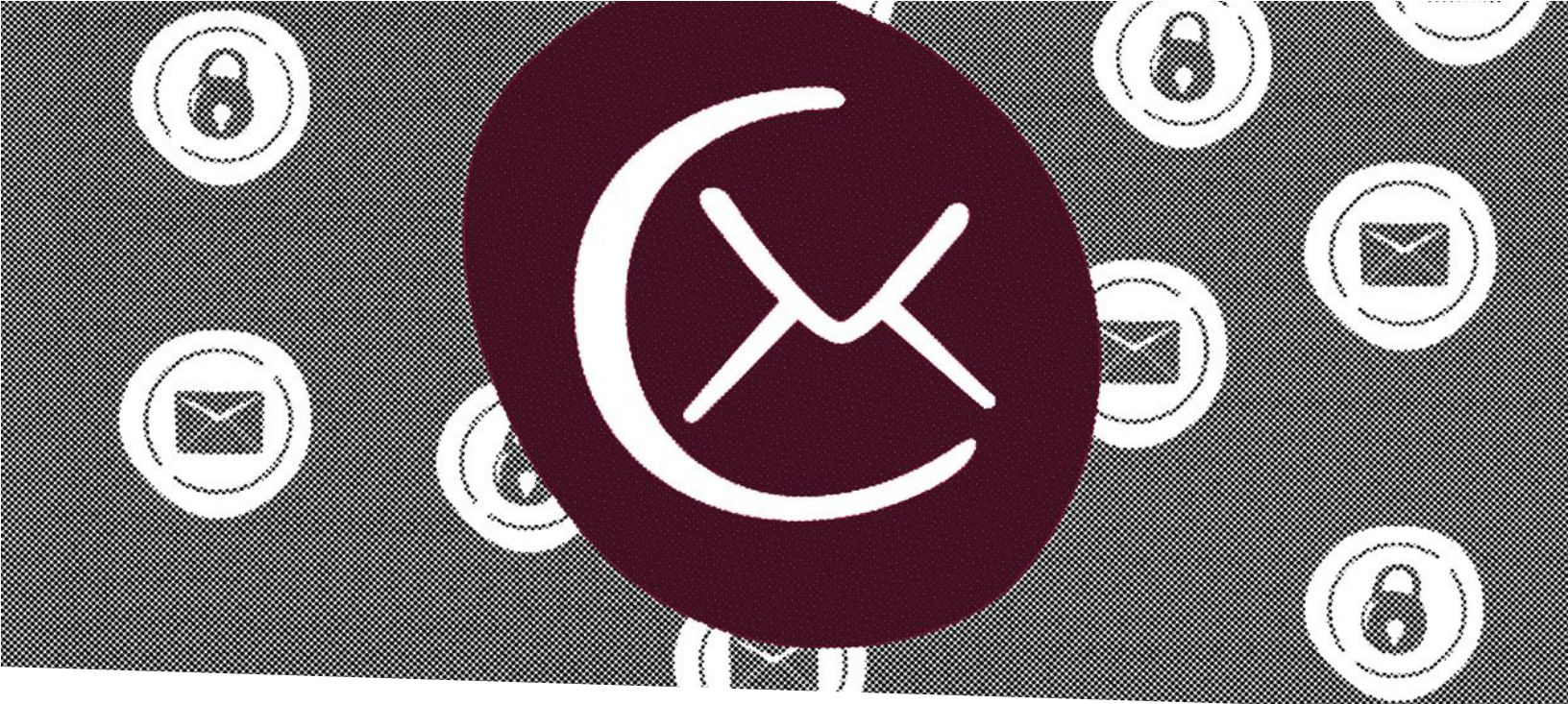
As always we have extremely unrealistic plans for the upcoming year. The past two years our activity has decreased because of the life priorities we have taken upon ourselves. However, as we try to learn to live with them and strike a balance, some of the responsibilities and projects are seeing the light at the end of the tunnel. This enables us to spend more time on Disroot, and try to reconnect with all Disrooters, improve service but also think about new features and services.

We are going to continue replacing the servers with new hardware and work on further internal infrastructure improvements. We want to introduce load balancing to provide better, distributed performance, but also lower the amount of downtime.

We want to add Lacre as a permanent end-to-end mailbox encryption system on Disroot. We feel we are right around the corner from making it happen and we are confident we will manage in the next 12 months to come.

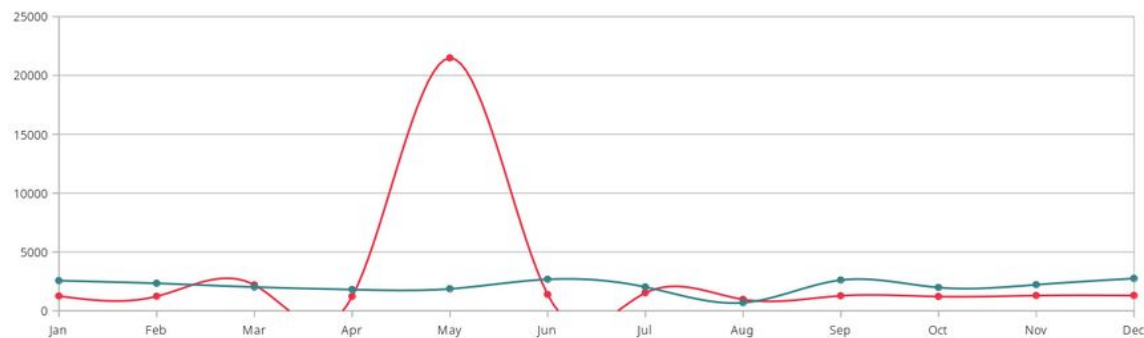
We plan to improve the user self service center. The current situation is far from ideal, or even acceptable. As a start, the user account registration form isn't quite representative for the rest of the project, and that is also so for many other actions that require admin intervention. We want to look into all the aspects and find better solutions. Additionally, we are planning to implement global two factor authentication feature and permission based access to the services.

Apart from all that, we are looking forward to provide multiple ActivityPub related federated services. We are already experimenting with micro-blogging platform running Akoma software at <https://fe.disroot.org> which we hope will become our foot in the Fediverse.



Financial update

Below you can see the graph showing our financial situation.

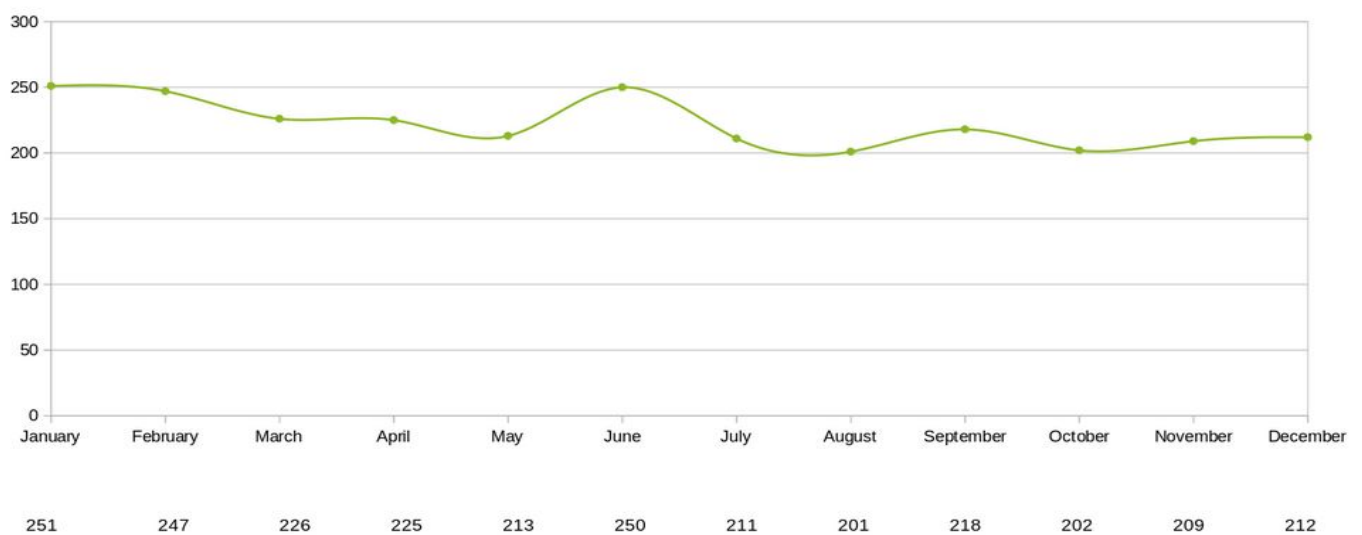


	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Donations	€ 2,563.14	€ 2,336.21	€ 2,021.17	€ 1,807.67	€ 1,867.53	€ 2,675.22	€ 2,023.91	€ 688.99	€ 2,614.50	€ 1,980.98	€ 2,219.12	€ 2,749.67
Monthly Costs	€ 315.55	€ 330.94	€ 1,599.35	€ 407.48	€ 20,881.04	€ 455.24	€ 731.01	€ 310.51	€ 335.40	€ 369.40	€ 429.30	€ 341.88
Subtotal	€ 2,247.59	€ 2,005.27	€ 421.82	€ 1,400.19	€ 19,013.51-	€ 2,219.98	€ 1,292.90	€ 378.48	€ 2,279.10	€ 1,611.58	€ 1,789.82	€ 2,407.79
15% Donated to FOSS	€ 337.14	€ 300.79	€ 0.00	€ 210.03	€ 0.00	€ 333.00	€ 193.94	€ 56.77	€ 341.87	€ 241.74	€ 268.47	€ 361.17
Volunteer fees	€ 600.00	€ 600.00	€ 600.00	€ 600.00	€ 600.00	€ 600.00	€ 600.00	€ 600.00	€ 600.00	€ 600.00	€ 600.00	€ 600.00
Total Expenses	€ 1,252.69	€ 1,231.73	€ 2,199.35	€ 1,217.51	€ 21,481.04	€ 1,388.24	€ 1,524.95	€ 967.28	€ 1,277.27	€ 1,211.14	€ 1,297.77	€ 1,303.05
Monthly Income	€ 1,310.45	€ 1,104.48	€ 178.18-	€ 590.16	€ 19,613.51-	€ 1,286.98	€ 498.97	€ 278.29-	€ 1,337.24	€ 769.84	€ 921.35	€ 1,446.62
Current funds:	€ 14,628.6											

In 2022, we received a total of € 25,548.12 from an average of 222 Disrooters each month. We were able to invest in new and improved hardware, which put our total expenses at € 36,352.01 and depleted our funds by € 10,803.89. Nonetheless we still have enough in our reserves to continue routine operation safely.

So once again, thank you all for making Disroot possible <3

Amount of supporters each month:



2022 Expense overview

Infrastructure -

Servers and domains costs	€ 4840.50
Hardware	€ 24,918.09
Office supplies - stickers	€ 392.56
Volunteer fee	€ 7,200.00
Donation to FOSS projects	€ 2644.91
Payment processing fees	€ 938.95
Total:	€ 40935.01

FOSS donations:

We are also very pleased to announce we have donated €2656,90 from our overhead to the following FOSS projects:



Forgejo



Cryptpad



Thunderbird



F-droid



DavX5



GravCMS



SearxNg

We are looking forward to 2023. It looks to be very exciting and feature rich experience. Thank you all for flying Disroot! Hope you will enjoy new year as much as we will.

We would like to send our best wishes and support for all those, for whom 2022 was a nightmare and we hope 2023 will bring you all some peace. Solidarity with those protesting against religious fundamentalists in Iran, and all the love to those struggling with Russian invasion in Ukraine!

<3

- The Disroot Team

Muppeth, Antilopa, Meaz, Fede & Avg_Joe

12 March 2023



Here are the different ways you can help the project as of now:



Or check our [website](#) for the bank details.