3. Email

When it comes to create a mailbox, you generally have several solutions:

- use the services offered by Internet providers (Orange, Vodafone...) of infrastructure providers (OVH, Gandi...) with a monthly or annual subscription. However, customization and configuration possibilities, domains and mailboxes number are limited.
- use the services of free email providers (Gmail, Live, Yahoo...) which are limited and your data is used for commercial purposes.
- Install your own email server, which requires important technical knowledge to setup and configure the system.

Modoboa is an alternative to those 3 options. It frees you from dependence on email providers and makes accessible to all the creation his own secure email server. The whole thing, in less than 10 minutes and freely.

- 1. Mailcow

1. Mailcow

Source: [Tony Teaches Tech Mailcow docker configuration]

To host your own mail server is not like hosting any other application. Why you might ask ? Well this has to do with spam and lots of it and also internet service providers blocking port 25 on which your mail is running on. But well, we will show how to run your own mail server regardless since it is great for learning purposes and you can have as many email addresses as you want. You don't need to pay a monthly subscription for every email address. Imagine you want x email addresses for all of your contributors then that is x times the yearly price to host an email .That can get expensive really quick.

1. So the first thing we need to make sure of is that you own a domain name. Yes, sadly enough this is still held by middle man that make millions of dollars each year by just being that. As stated everywhere else we are working on changing this to a more non profit based structure or completely decentralized with technologies like handshake.
2. Next up, is adding DNS records to your domain name that you will use for your email server. The minimum records you should add are the following

Type	Name	Priority	Weight	Port	Target
A	example.org	-	-		Public IP address of your Email server
A	mail.example.org	-	-		Public IP address of your Email server
MX	-	-	-		mail.example.org
CNAME	autodiscover.example.org		-		mail.example.org
CNAME	autoconfig.example.org		-		mail.example.org
SRV	_autodiscover_tcp	0	0	443	mail.example.org

Type	Name (Host)	Value (Target)	Priority	Purpose
A	`@ (or blank)`	`Your Server IP`	N/A	Links your server domain

Type	Name (Host)	Value (Target)	Priority	Purpose
A	`mail`	`Your Server IP`	N/A	Links your server subdomain
MX	`@ (or blank)`	`mail.loolanta.org`	`10`	Directs all incoming mail to your server
CNAME	`autodiscover`	`mail.loolanta.org`	N/A	Outlook auto-config
CNAME	`autoconfig`	`mail.loolanta.org`	N/A	Thunderbird auto-config
SRV	`_autodiscover._tcp`	`mail.loolanta.org`	0, 0, 443	Outlook auto-config

Pointer

The next thing that we need to do is setup a pointer on your reverse proxy ;)