# Open Infrastructure - Task #6671

## Setup mastodon/pleroma for ungleich

05/09/2019 11:33 AM - Nico Schottelius

| | | | |
|---|---|---|---|
| **Status:** | Closed | **Start date:** | 05/09/2019 |
| **Priority:** | Normal | **Due date:** | |
| **Assignee:** | Timothée Floure | **% Done:** | 0% |
| **Category:** | | **Estimated time:** | 0.00 hour |
| **Target version:** | | | |
| **PM Check date:** | | | |

**Description**

- See https://twitter.com/ungleich/status/1126419948274966528 for an explanation
- OS: your choice
- once manual for testing then port to cdist and create __mastodon type
- you don't have to use the mastodon server, but you can use an alternative like https://pleroma.social/
  - at your decision
- create a cdist type that works with alpine as the target host
  - configure it && throw it away && reconfigure it

### History

**#1 - 05/09/2019 11:34 AM - Nico Schottelius**

*- Description updated*

**#2 - 05/09/2019 11:35 AM - Nico Schottelius**

*- Description updated*

**#3 - 06/25/2019 09:51 PM - Mirjana Rupar**

Jin-Guk, update the status of the task and comment, please.

**#4 - 06/26/2019 12:06 PM - Nico Schottelius**

*- Assignee deleted (Jin-Guk Kwon)*

queued

**#5 - 12/16/2019 08:29 PM - Nico Schottelius**

*- Description updated*

*- Due date deleted (05/10/2019)*

*- Assignee set to Timothée Floure*

**#6 - 12/17/2019 10:54 AM - Timothée Floure**

*- Status changed from New to Seen*

I just gave a quick look at both the initial Mastodon implementation and Pleroma and will likely go with the later:

- The initial mastodon implementation has a lot of moving parts (Postgres, Redis, ElasticSearch, ...):
  https://docs.joinmastodon.org/administration/configuration/
  - => Pleroma only requires the erlang runtime + Postgres.
- Pleroma is written in Elixir, a 'compiled' (bytecode) language with support for releases (OTP releases). I am familiar with the environment and its deployment process, which I find less painful than a ruby-on-rails one.
- Pleroma seems to support a feature set reasonably similar to the original one.

We will have to handle maintainance/watch for security update ourselve since no-one packaged these things due to the large dependency trees.

**#7 - 12/17/2019 11:14 AM - Nico Schottelius**

ack

redmine@ungleich.ch writes:

**#8 - 12/19/2019 09:59 AM - Nico Schottelius**

*- Priority changed from Normal to High*

**#9 - 01/15/2020 07:28 PM - ll nu**

could we have a 13373r name?

**#10 - 02/19/2020 11:12 AM - ll nu**

*- Assignee changed from Timothée Floure to ll nu*

*- Priority changed from High to Normal*

**#11 - 06/03/2020 08:11 AM - Timothée Floure**

*- Assignee changed from ll nu to Timothée Floure*

I played a bit with Pleroma a few days/weeks ago: IPv6 support is totally broken. Erlang/elixir often separate calls/options for "inet" and "inet6", which means someone has to think about IPv6 support at some point: it never happened on Pleroma.

- No LDAP support over IPv6 (blocker, but easy fix).
- No federation support for v6-only, goes down dependencies' dependencies: (can be worked around with a dual-stack VM, somewhat painful).

Since we want things to move on I'll likely setup a mastodon/ruby deployment in the coming days.

**#12 - 06/03/2020 08:11 AM - Timothée Floure**

*- Subject changed from Setup mastodon on IPv6 only VM - name: ipv6.social to Setup mastodon/pleroma for ungleich*

**#13 - 06/15/2020 09:55 AM - Timothée Floure**

*- Status changed from Seen to Closed*

Mastodon is deployed at social.ungleich.ch.

https://redmine.ungleich.ch/projects/open-infrastructure/wiki/Socialungleichch doe bascis details.