Open Infrastructure - Task #7580

Preparing for matrix-as-a-service

01/07/2020 12:53 PM - Timothée Floure

Status:	Closed	**Start date:**	01/07/2020
Priority:	High	**Due date:**	
Assignee:	Timothée Floure	**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:			
PM Check date:			

Description

Once matrix is deployed at ungleich:

- Build & document MaaS deployment and maintenance pipeline.
  - Wiki page.
  - A staging environment will be required to test upgrades.
- 1 or 2 blog entries about it? First one maybe a bit more as introduction, why we want to support matrix and second one more about the technical details? (quoting Nico here)
- Be mentionned in "This Week In Matrix" (Weekly matrix news) and on https://matrix.org/docs/projects/hosting/
  - We should emphasize on the decent/green (hydro/old building/second-hand servers/...) factor, as I expect it will interest some (sub-)communities.
- Upstream `__matrix_*` cdist types.
- Investigate the application services we could offer.

Feel free to put this task in another project if it doesn't fit here.

History

#1 - 01/08/2020 11:17 AM - Timothée Floure

We'll also need a TURN server for VoIP.

#2 - 01/08/2020 11:27 AM - Nico Schottelius

Can we do voip in a second stage or will things "look weird" without it?

redmine@ungleich.ch writes:

#3 - 01/08/2020 12:21 PM - Timothée Floure

We can do-it in a second-stage, witout a TURN server VoIP might or might not work depending on the situation.

Note that coturn is easy to deploy: https://github.com/matrix-org/synapse/blob/master/docs/turn-howto.md

#4 - 01/12/2020 09:10 PM - Timothée Floure

- Synapse and Matrix Cdist types are (almost) OK.
  - I missed one small thing in my __postgres upstream cdist patch, which still have to be fixed.
- Early documentation on https://redmine.ungleich.ch/projects/open-infrastructure/wiki/The_ungleich_Matrix_infrastructure and https://redmine.ungleich.ch/projects/open-infrastructure/wiki/Ungleich_Matrix-as-a-Service_(MaaS)
- Mattebridge Cdist type is OK and can easily be offered with MaaS.
- matrix.ungleich.ch deployed, bridged with chat.ungleich.ch
  - We have to decide the matrix-mattermost channel map (= what do we want to bridge?).
- matrix-staging.ungleich.ch is deployed and will be used for testing.
- I will try to write the matrix/MaaS blog post on wednesday in the train to Glarus.
- There is no monitoring, I will have to discuss with @Nico Schottelius and write some documentation before I can do that.
- We will need a visual for https://matrix.org/docs/projects/hosting/
- matrix-turn.ungleich.ch is allocated (v4+v6) but does not run coturn yet.
- We need a pricing model.

#5 - 01/12/2020 09:11 PM - Timothée Floure

- Status changed from New to In Progress

#6 - 01/12/2020 09:18 PM - Nico Schottelius

channels that can be exported to IRC or matrix:

- ipv6
- foss
- hacking-and-learning
- Town Square
- datacenterlight
- uncloud

More maybe later

#7 - 02/24/2020 08:28 AM - Timothée Floure

Moving monitoring to [#7768](#) so that I can close this one.

#8 - 02/24/2020 08:29 AM - Timothée Floure

- Status changed from In Progress to Closed