Open Infrastructure - Task #8888

Meta-Issue for Matrix late-winter 2021 cleanup

02/11/2021 03:50 PM - Timothée Floure

Status:	Closed	**Start date:**	02/11/2021
Priority:	Normal	**Due date:**	
Assignee:	Timothée Floure	**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:			
PM Check date:			

Description

Hello there,

We have some performance issues and infrastructure rot on our matrix deployments: I'll work on it here and there over the next few weeks. This meta-issue will make following easier to follow what's going on. I might add things on the fly as I encounter them / link to other issues later on.

- [x] Cleaning up and upstreaming the __matrix-synapse cdist type. [#7345](#7345)
  - [x] Clean-up.
  - [x] Bring configuration template up-to-date.
  - [x] Add more performance-related flags.
  - [x] Add support for multi-workers (a new __matrix_synapse_worker type might be needed)
  - [x] Upstream to cdist-contrib See https://code.ungleich.ch/ungleich-public/cdist-contrib/-/merge_requests/9
- [ ] Cleanup and simplify the __ungleich_matrix type
  - [ ] Allow PGSQL tuning / auto-tune from explorer if not provided.
  - [x] Adapt to updated __matrix_synapse type
- [ ] Revamp matrix monitoring: we need something simpler and more robust.
  - [x] Get back missing instances in monitoring.
  - [ ] Add alerts.
  - [x] Add PGSQL performance monitoring.
- [x] Update admin UI
- [ ] Investigate performance issues.
  - [~] Checking out database bottlenecks.
  - [~] Checking out synapse bottlenecks.
  - [ ] Possibily add periodic database cleanup.
- [ ] Check out the state of the Jitsi integration.
  - [x] Rebuilt with CDIST (small issue with watermark - see https://code.ungleich.ch/ungleich-public/cdist-contrib/-/issues/4)
  - [x] Wire Prometheus to the new Jitsi Exporter
  - [ ] Add simple blackbox monitoring
- [x] Check state of ext.ungleich.ch homeserver
- [ ] LOW_PRIO check out if it is useful to deploy our own integration server
- [ ] Don't forget to document!

Related issues:

Blocked by Open Infrastructure - Task #7345: Cleanup & upstream matrix-relate...	**Closed**	**11/28/2019**
Blocked by Open Infrastructure - Task #8852: Investigate matrix.ungleich.ch s...	**Closed**	**02/05/2021**
Blocked by Open Infrastructure - Task #8887: Update synapse-admin	**Closed**	**02/11/2021**

History

#1 - 02/11/2021 03:52 PM - Timothée Floure

- Description updated

#2 - 02/15/2021 06:59 PM - Timothée Floure

- Blocked by Task #7345: Cleanup & upstream matrix-related types added

#3 - 02/15/2021 07:00 PM - Timothée Floure

- Blocked by Task #8852: Investigate matrix.ungleich.ch slowness added

#4 - 02/15/2021 07:00 PM - Timothée Floure

- Blocked by Task #8887: Update synapse-admin added

#5 - 02/15/2021 07:01 PM - Timothée Floure

- Blocks Task #8886: Drop talk.ungleich.ch and rebuild with cdist added

#6 - 02/15/2021 07:01 PM - Timothée Floure

- Blocks Task #8877: Checkout ext.ungleich.ch matrix instance on server1.place4 added

#7 - 02/18/2021 09:19 AM - Timothée Floure

- Description updated

#8 - 02/18/2021 09:20 AM - Timothée Floure

- Description updated

#9 - 02/19/2021 01:24 PM - Timothée Floure

- Description updated

#10 - 02/19/2021 01:38 PM - Timothée Floure

- Description updated

#11 - 02/19/2021 05:32 PM - Timothée Floure

- Description updated

The new shiny cdist pipeline seems to work nicely - it's currently deployed for staging and ungleich. We also have metrics exported to monitoring-v3. All of this will be documented and rolled out to customer deployments next week.

#12 - 02/26/2021 10:34 AM - Timothée Floure

- Description updated

#13 - 03/02/2021 12:15 PM - Nico Schottelius

- Blocks deleted (Task #8877: Checkout ext.ungleich.ch matrix instance on server1.place4)

#14 - 08/09/2021 10:14 AM - Nico Schottelius

- Blocks deleted (Task #8886: Drop talk.ungleich.ch and rebuild with cdist)

#15 - 11/11/2021 09:32 PM - Nico Schottelius

- Status changed from In Progress to Closed