

collecting_society - Administration #609

Limit resources of processing

06/13/2018 11:47 PM - Alexander Blum

Status:	Zurückgestellt	Start date:	
Priority:	Normal	Due date:	
Assignee:	Alexander Blum	% Done:	50%
Category:		Estimated time:	2.00 hours
Target version:	Repertoire 2) Testing phase II	Spent time:	0.00 hour

Description

If it is possible to upgrade docker-compose version to 3, we might limit the resources with docker-compose statements:

- <https://docs.docker.com/compose/compose-file/#resources>

Alternative (For further details, see [Architecture](#)):

- Create at least the following VMS:
 - [VM-Storage](#)
 - [VM-Processing](#)
- And if possible
 - [VM-Content](#)
 - [VM-Dropper](#)

Associated revisions

Revision 217a4bac - 07/21/2018 01:51 PM - Alexander Blum

fixes #609: limits resources for processing service

Revision 217a4bac - 07/21/2018 01:51 PM - Alexander Blum

fixes #609: limits resources for processing service

History

#1 - 06/13/2018 11:57 PM - Alexander Blum

- Tracker changed from *Unterstützung* to *Administration*
- Subject changed from *Create missing VMs* to *Limit resources of processing*
- Description updated
- Assignee set to *Thomas Mielke*
- Target version set to *1) Testing phase I*
- Estimated time set to *10.00*

#2 - 07/21/2018 01:52 PM - Alexander Blum

- Status changed from *Neu* to *Erledigt*
- % Done changed from *0* to *100*

Applied in changeset commit:c3s_ado_repertoire|217a4bac944a2d65e74f6cb9f1b5cb0324f83667.

#3 - 07/21/2018 02:55 PM - Alexander Blum

- Status changed from *Erledigt* to *In Bearbeitung*
- Assignee changed from *Thomas Mielke* to *Christoph Scheid*

memory limit is not supported on production, maybe due to inactive cgroups <https://github.com/moby/moby/issues/18420#issuecomment-212426212> is it possible, to activate cgroups?

#4 - 07/22/2018 03:20 AM - Alexander Blum

- Status changed from *In Bearbeitung* to *Erledigt*

Limiting of resources still doesn't work, although docker seems to detect the capability of the kernel now (new kernel installed, certain kernel parameters given).

But with 2 cores and 2G RAM instead of 1G there are no problems with web requests during file processing anymore.

As both CPU and RAM were not critical at any point before, the bottleneck still is not clear.

This ticket is closed, until further tests fail again.

#5 - 07/22/2018 03:42 AM - Christoph Scheid

- Status changed from *Erledigt* to *Zurückgestellt*

- % Done changed from 100 to 50

Alexander Blum wrote:

Limiting of resources still doesn't work, although docker seems to detect the capability of the kernel now (new kernel installed, certain kernel parameters given).

But with 2 cores and 2G RAM instead of 1G there are no problems with web requests during file processing anymore.

so it works for you, now...

I wonder what stress testing will reveal...

btw do we have a ticket for stress testing?

As both CPU and RAM were not critical at any point before, the bottleneck still is not clear.

+1

This ticket is closed, until further tests fail again.

not closing, just deferring to later.

#6 - 10/31/2018 09:22 AM - Alexander Blum

- Target version changed from 1) Testing phase I to 2) Testing phase II

#7 - 03/16/2019 09:38 PM - Alexander Blum

- Estimated time changed from 10.00 to 2.00

#8 - 10/08/2019 03:36 PM - Alexander Blum

- Target version changed from 2) Testing phase II to Repertoire 2) Testing phase II

#9 - 10/08/2019 03:51 PM - Alexander Blum

- Project changed from repertoire to collecting_society

#10 - 06/10/2023 08:22 PM - Christoph Scheid

Erledigt oder noch spannend?

~_([])_~

#11 - 06/10/2023 08:22 PM - Christoph Scheid

- Assignee changed from Christoph Scheid to Alexander Blum

?

#12 - 06/10/2023 09:47 PM - Alexander Blum

it's still open. migration to the new compose version (newer than v3) is not done yet. in v1 it was possible, in v2 not, i think it's possible again with the new (versionless) format. it's just a reminder ticket, to try that out, whenever we finally migrate. migration is not trivial, as our setup is a bit more [sophisticated](#), but the new version finally knows "tags" for services, so the split into compose files for each stage, testing and documentation could be reduced to a single compose.yml

#13 - 06/10/2023 09:49 PM - Alexander Blum

the task priority is coupled to the staging phase of the software. for development, it does not matter, but on staging/production - when many files are processed - the worker machine must not use all the resources