openQA Project - action #87898

coordination # 80142 (Blocked): [saga][epic] Scale out: Redundant/load-balancing deployments of openQA, easy containers, containers on kubernetes

Add grafana alert for "broken workers" as reported by openQA

2021-01-18 16:06 - okurz

Status:	Resolved		**Start date:**	2021-01-18
Priority:	Normal		**Due date:**	
Assignee:	mkittler		**% Done:**	0%
Category:	Organisational		**Estimated time:**	0.00 hour
Target version:	Ready			
Difficulty:				

Description

Motivation

see [#78390](#) and if you like https://chat.suse.de/channel/testing?msg=udQguXCPNRcAABnBg . We can have "broken" workers, which openQA reports itself.
https://openqa.suse.de/admin/workers can show this list. However we should also have an alert for unexpected "broken" workers.

Acceptance criteria

- **AC1:** broken workers within https://openqa.suse.de/admin/workers raise an alert from monitor.qa.suse.de

History

#1 - 2021-01-19 13:07 - okurz

- Status changed from Workable to In Progress

- Assignee set to okurz

#2 - 2021-01-20 09:20 - okurz

- Status changed from In Progress to Workable

- Assignee deleted (okurz)

I started with this but could not find according entries in influxdb. I forgot how to properly test this again. But as we have too many tickets "in progress" I will set back to "Workable".

#3 - 2021-02-04 20:08 - okurz

- Parent task changed from #78390 to #80142

#4 - 2021-02-05 16:54 - mkittler

- Status changed from Workable to In Progress

- Assignee set to mkittler

SR: https://gitlab.suse.de/openqa/salt-states-openqa/-/merge_requests/442

> I started with this but could not find according entries in influxdb.

No entries were showing up due to permission errors. Even with --debug this was not visible at all and I could only figure it out by guessing. (So grant select on table workers to telegraf; fixed the problem.)

#5 - 2021-02-05 17:35 - okurz

mkittler wrote:
So grant select on table workers to telegraf; fixed the problem.

ok but please include that in salt as well. See https://gitlab.suse.de/openqa/salt-states-openqa/-/blob/master/openqa/server.sls#L166 and following lines. And please add an alert on the panel.

#6 - 2021-02-06 04:08 - openqa_review

- Due date set to 2021-02-20

Setting due date based on mean cycle time of SUSE QE Tools

#7 - 2021-02-08 10:08 - mkittler

SRs for further improvements: https://gitlab.suse.de/openqa/salt-states-openqa/-/merge_requests/444
https://gitlab.suse.de/openqa/salt-states-openqa/-/merge_requests/443

#8 - 2021-02-09 11:01 - mkittler

SR for alert: https://gitlab.suse.de/openqa/salt-states-openqa/-/merge_requests/447

#9 - 2021-02-10 07:57 - okurz

All three MRs are merged and are effective. Today I found that osd deployment alerts have failed in the "1m after" and "10m after" deployment alerts but not the "1h after". Can you please look into that and ensure that a deployment does not trigger the "broken" alert?

#10 - 2021-02-10 10:11 - mkittler

MR to fix that: https://gitlab.suse.de/openqa/salt-states-openqa/-/merge_requests/451 (commit message contains more details)

#11 - 2021-02-11 09:32 - mkittler

- Status changed from In Progress to Feedback

Let's wait until the next deployment to see whether it worked.

#12 - 2021-02-22 12:47 - cdywan

- Due date changed from 2021-02-20 to 2021-02-26

No broken workers in the web UI or alerts on osd-admins@suse.de that I can see. Bumping the *due date* so we can check again later this week. Alternatively, consider breaking a worker on purpose?

#13 - 2021-02-24 16:37 - mkittler

- Status changed from Feedback to Resolved

The alert hasn't fired during the deployment today although we had a few broken workers for a few minutes (< 15 minutes).

#14 - 2021-05-17 09:13 - okurz

- Due date deleted (2021-02-26)