openQA Project - action #40103

[o3] openqaworker4 not able to finish any jobs

2018-08-22 11:25 - okurz

Status:	Resolved		**Start date:**	2018-08-22
Priority:	Normal		**Due date:**	
Assignee:	szarate		**% Done:**	0%
Category:	Feature requests		**Estimated time:**	0.00 hour
Target version:	Done			
Difficulty:				

Description

Related issues:		
Related to openQA Project - action #39743: [o3][tools] o3 unusable, often res...	**Resolved**	**2018-08-15**
Related to openQA Project - action #39833: [tools] When a worker is abruptly ...	**Resolved**	**2018-08-16**
Related to openQA Project - action #40001: [negotiation:error] [pid 9953] [cl...	**Rejected**	**2018-08-20**

History

#1 - 2018-08-22 11:30 - szarate

- Target version set to Current Sprint

#2 - 2018-08-22 11:53 - szarate

Currently waiting for jobs:

https://openqa.opensuse.org/tests/740551 (from console)
https://openqa.opensuse.org/tests/740549 (from systemd unit)

will enable all 16 instances later with the latest job that failed there and see what happens afterwards, suspicion is that all of them where trying to update

#3 - 2018-08-22 12:33 - okurz

- Related to action #39743: [o3][tools] o3 unusable, often responds with 504 Gateway Time-out added

#4 - 2018-08-22 12:36 - okurz

both jobs passed

#5 - 2018-08-22 13:06 - szarate

As both jobs are passing, next step is to try the 16 instances running the same job, to discard that the cache is deadlocking itself :)

```
for i in `seq 1 16`; do ./script/clone_job.pl --skip-deps --skip-download --skip-chained-deps --from https://o
penqa.opensuse.org 740549 --host https://openqa.opensuse.org _GROUP="Development Tumbleweed" BUILD=1119.5:poo4
0103  TEST=poo_40103_investigation_$i NAME=poo_40103_investigation_$i WORKER_CLASS=openqaworker4; done
```

#6 - 2018-08-22 13:43 - szarate

So, after looking closer, when all workers are started at the same time, and pick jobs at the same time, some jobs take just a bit too long, and the webUI decides to kill said jobs (mostly because syncing the needles and the git repo takes a bit too long). I'm currently looking for possible solutions to this, since it's kind of easily reproducible.

https://openqa.opensuse.org/tests/overview?build=1119.5%3Apoo40103&groupid=38&distri=opensuse&version=Staging%3AH

#7 - 2018-08-22 16:52 - szarate

- Status changed from In Progress to Feedback

Looks like the main problem is that since we're syncing the whole needles and tests, from time to time workers might deadlock themselves, a shallow copy should work, but I think this is mostly fallout from previous problems. Setting to feedback and let's monitor

#8 - 2018-08-22 21:55 - szarate

- Project changed from openQA Tests to openQA Project

- Category changed from Infrastructure to 168

- Priority changed from Urgent to Normal

#9 - 2018-08-23 14:34 - szarate

- Status changed from Feedback to Resolved

I haven't seen any incompletes due to abnormal situations in the worker. Please reopen if you find the same issues, A separate ticket will be open to address the possible deadlock situation.

#10 - 2018-08-23 14:35 - szarate

- Related to action #39833: [tools] When a worker is abruptly killed, jobs get blocked - CACHE: Being downloaded by another worker, sleeping added

#11 - 2018-08-23 15:20 - szarate

- Related to action #40001: [negotiation:error] [pid 9953] [client <ip_of_openqaworker4>:35634] AH00690: no acceptable variant: /usr/share/apache2/error/HTTP_BAD_GATEWAY.html.var added

#12 - 2018-09-14 12:19 - coolo

- Target version changed from Current Sprint to Done