

## openQA Project - action #88754

### openQA-in-openQA tests always fail and results do not impact submission pipeline

2021-02-18 14:29 - okurz

<b>Status:</b>	Resolved	<b>Start date:</b>	2021-02-18
<b>Priority:</b>	High	<b>Due date:</b>	2021-07-08
<b>Assignee:</b>	mkittler	<b>% Done:</b>	0%
<b>Category:</b>	Concrete Bugs	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Ready		
<b>Difficulty:</b>			
<b>Description</b>			
<b>Observation</b>			
<a href="https://openqa.opensuse.org/tests/latest?arch=x86_64&amp;distri=openqa&amp;flavor=dev&amp;machine=64bit-2G&amp;test=openqa_from_containers&amp;version=Tumbleweed#next_previous">https://openqa.opensuse.org/tests/latest?arch=x86_64&amp;distri=openqa&amp;flavor=dev&amp;machine=64bit-2G&amp;test=openqa_from_containers&amp;version=Tumbleweed#next_previous</a> shows a longer history of jobs that are most often failed in various steps but the result is completely ignored in <a href="http://jenkins.qa.suse.de/view/openQA-in-openQA/">http://jenkins.qa.suse.de/view/openQA-in-openQA/</a>			
<b>Expected results</b>			
<ul style="list-style-type: none"><li>• pipeline reliable and mostly green</li><li>• failures in tests prevent the submission of new packages</li></ul>			
<b>Suggestion</b>			
<ul style="list-style-type: none"><li>• <a href="https://github.com/os-autoinst/scripts/blob/master/monitor-openqa_job#L26">https://github.com/os-autoinst/scripts/blob/master/monitor-openqa_job#L26</a> JOB_ID uses one job ID only rather than all found job ID's</li><li>• Switching from openqa-client to openqa-cli would provide JSON output where we can easily handle multiple jobs e.g. via jq (see also <a href="#">filter_id</a>)</li><li>• Adjust or manually run <i>Build</i> command in <a href="http://jenkins.qa.suse.de/job/monitor-openQA_in_openQA-TW/configure">http://jenkins.qa.suse.de/job/monitor-openQA_in_openQA-TW/configure</a></li></ul>			
<b>Related issues:</b>			
Blocked by openQA Project - action #91752: jenkins: Multiple missing fields a...		<b>Resolved</b>	<b>2021-04-26</b>

## History

### #1 - 2021-02-18 15:03 - okurz

- Priority changed from Normal to High

hm, actually it seems that sometimes or maybe always the submission pipeline actually *is* blocked.

I removed the schedule part from [https://openqa.opensuse.org/admin/job\\_templates/24](https://openqa.opensuse.org/admin/job_templates/24) to allow the important fix for perl-Mojolicious to be submitted:

```
- openqa_from_containers:
  testsuite: null
  settings:
    OPENQA_CONTAINERS: '1'
    OPENQA_FROM_GIT: '1' # see: main.pm, avoid load_osautoinst_tests
  description: >-
  Maintainer: okurz@suse.de Test for running openQA itself from containers. To be used with "openqa"
  distri.
```

### #2 - 2021-03-03 14:53 - cdywan

I can see a failure in the 3 most recent *worker* tests:

```
# Test died: command 'docker logs openqa_worker 2>&1 | grep "API key and secret are needed" >/dev/null' failed
at /var/lib/openqa/cache/openqa1-opensuse/tests/openqa/lib/utils.pm line 100.
```

Maybe something for [ilausuch](#) to take a look at. I guess [the expected log message](#) is absent here, meaning the credentials are already set or the connection isn't coming up at all ☐☐

### #3 - 2021-03-10 06:40 - Xiaojing\_liu

- Status changed from Workable to In Progress

- Assignee set to [Xiaojing\\_liu](#)

#### #4 - 2021-03-11 04:08 - [openqa\\_review](#)

- Due date set to 2021-03-25

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

#### #5 - 2021-03-12 13:01 - [cdywan](#)

Jane, Ivan and I were discussing this together a bit, some notes from that:

- <https://github.com/os-autoinst/os-autoinst-distri-openQA/blob/master/lib/utlis.pm#L94>
- [in the logs](#) you (don't) find this:
  - [debug] -----[0m[2021-03-11T10:29:03.624 CET] [debug] /tests/containers/worker.pm:10 called utlis::wait\_for\_container\_log  
-> lib/utlis.pm:95
  - \$cmd log ... returns no logs
  - Can we conditionally output all logs if the ...grep failed?
- groupmod GID '0' already exists
  - 0 is passed via groupmod -g 0 kvm which may not be the kvm group
  - shouldn't we do groupmod kvm with no ID?

#### #6 - 2021-03-12 14:26 - [ilausuch](#)

Fixed the endpoint

<https://github.com/os-autoinst/openQA/pull/3787>

Remains fix the test

#### #7 - 2021-03-17 17:54 - [cdywan](#)

- Assignee changed from [Xiaojing\\_liu](#) to [ilausuch](#)

[ilausuch](#) wrote:

Fixed the endpoint  
<https://github.com/os-autoinst/openQA/pull/3787>

Since Jane's fix for [validate\\_script\\_output](#) got merged, I assume we're waiting for the groupmod GID '0' already exists issue to be resolved before we can re-renew the tests?

#### #8 - 2021-03-19 07:07 - [Xiaojing\\_liu](#)

The new pr has been merged. I did a test if there is no groupmod GID '0' already exists, the job will pass. See an example:

<https://openqa.opensuse.org/tests/1672546#>

So after <https://github.com/os-autoinst/openQA/pull/3787> got merged, we could add the test back.

#### #9 - 2021-03-26 11:12 - [cdywan](#)

- Due date changed from 2021-03-25 to 2021-04-01

Moving up the *due date* due to hackweek

[Xiaojing\\_liu](#) wrote:

The new pr has been merged. I did a test if there is no groupmod GID '0' already exists, the job will pass. See an example:  
<https://openqa.opensuse.org/tests/1672546#>  
So after <https://github.com/os-autoinst/openQA/pull/3787> got merged, we could add the test back.

[ilausuch](#) Are you going to add the test back?

#### #10 - 2021-04-01 09:18 - [ilausuch](#)

<https://github.com/os-autoinst/openQA/pull/3787> is under review

#### #11 - 2021-04-07 16:34 - [cdywan](#)

- Due date changed from 2021-04-01 to 2021-04-09

ilausuch wrote:

<https://github.com/os-autoinst/openQA/pull/3787> is under review

The PR got merged - what's the status on the openQA tests now? Could you please comment here on what, if anything is still to be done here, and update the status as needed?

**#12 - 2021-04-12 11:55 - ilausuch**

~~I created a test to prove that this works now~~

~~<https://openqa.opensuse.org/tests/1696773#>~~

~~Running this PR <https://github.com/os-autoinst/os-autoinst-distri-openQA/pull/65>~~

I created this test with the env variable OPENQA\_CONTAINERS=1

<https://openqa.opensuse.org/tests/1696822>

**#13 - 2021-04-13 05:50 - ilausuch**

Could we activate again the test in the scheduler?

**#14 - 2021-04-13 12:46 - okurz**

Sure, please try that yourself. Basically undoing the changes from [#88754#note-1](#)

**#15 - 2021-04-14 14:27 - ilausuch**

Done

<https://openqa.opensuse.org/tests/1699047>

**#16 - 2021-04-15 10:31 - ilausuch**

I found that fails eventually in the same way than [#90614](#). I am preparing the same solution to retry when build the container images

See: <https://openqa.opensuse.org/tests/1700287#step/build/5>

**#17 - 2021-04-15 11:03 - ilausuch**

I created this PR to check an alternative <https://github.com/os-autoinst/os-autoinst-distri-openQA/pull/66>

Running test <https://openqa.opensuse.org/tests/1700457>

**#18 - 2021-04-19 08:03 - ilausuch**

A new Running test <https://openqa.opensuse.org/tests/1704825>

**#19 - 2021-04-20 10:31 - ilausuch**

I a training session with Oliver and Christian we identify a problem that was affecting to the container tests. This was the first time it failed

<https://openqa.opensuse.org/tests/overview?distri=openqa&version=Tumbleweed&build=%3ATW.7835&groupid=24>

And we created a needle to solve that

<https://github.com/os-autoinst/os-autoinst-needles-openQA/commit/10eeb87d6a33aca10d1f1d5cff3145cacd802617>

This is the running test with the new needle

<https://openqa.opensuse.org/tests/overview?distri=openqa&version=Tumbleweed&build=%3ATW.7865&groupid=24>

**#20 - 2021-04-22 13:10 - ilausuch**

- Due date changed from 2021-04-09 to 2021-04-23

**#21 - 2021-04-23 11:44 - ilausuch**

Next step is to ensure "failures in tests prevent the submission of new packages" works, generating a manual failure

**#22 - 2021-04-26 08:08 - ilausuch**

- Status changed from In Progress to Blocked

- Assignee deleted (ilausuch)

I am unable to change the parameters to force the failure to test this. Please, someone with Jenkins experience could check this out?

**#23 - 2021-04-26 08:29 - okurz**

- Status changed from Blocked to Workable

please use "Blocked" only with an assignee to track any blocker. And blockers are only other tickets

**#24 - 2021-04-26 08:54 - ilausuch**

- Assignee set to *ilausuch*

**#25 - 2021-04-26 11:10 - ilausuch**

- Status changed from *Workable* to *Blocked*

Blocked by [#91752](#)

**#26 - 2021-04-26 11:43 - cdywan**

- Blocked by action [#91752](#): *jenkins: Multiple missing fields and errors in configuration of openQA-in-openQA added*

**#27 - 2021-05-04 08:35 - ilausuch**

- Due date deleted (*2021-04-23*)

**#28 - 2021-06-21 13:11 - okurz**

- Status changed from *Blocked* to *Workable*

blocker [#91752](#) resolved

**#29 - 2021-06-23 11:40 - cdywan**

- Description updated

**#30 - 2021-06-23 11:44 - cdywan**

- Status changed from *Workable* to *In Progress*

- Assignee changed from *ilausuch* to *mkittler*

**#31 - 2021-06-23 15:05 - mkittler**

PR for first suggestion: <https://github.com/os-autoinst/scripts/pull/84>

This leaves only the last suggestion.

**#32 - 2021-06-24 04:07 - openqa\_review**

- Due date set to *2021-07-08*

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

**#33 - 2021-06-24 10:37 - mkittler**

- Status changed from *In Progress* to *Resolved*

I have tested the change from the PR locally against multiple jobs from o3 and it seemed to work, e.g. if one of the jobs fails it'll exit with a non-zero return code.

I've also re-triggered the Jenkins job and it failed (as expected as one of the previously triggered openQA jobs failed) leaving a comment on OBS, see:

- [http://jenkins.qa.suse.de/job/monitor-openQA\\_in\\_openQA-TW/7195/console](http://jenkins.qa.suse.de/job/monitor-openQA_in_openQA-TW/7195/console)
- <https://build.opensuse.org/project/show/devel:openQA#comment-1477717> (openQA-in-openQA test(s) failed (job IDs: 1802764), see <https://openqa.opensuse.org/tests/overview?version=Tumbleweed&groupid=24>)

Note that copying the file with the job IDs from `trigger-openQA_in_openQA-TW` works. It is currently not shown under [http://jenkins.qa.suse.de/job/monitor-openQA\\_in\\_openQA-TW/](http://jenkins.qa.suse.de/job/monitor-openQA_in_openQA-TW/) because since the change there hasn't been a successful run and it shows only the artifact produced by the last successful run. The console log shows clearly that the expected jobs have been considered (+ echo 'Result of job 1802764: failed', + echo 'Result of job 1802766: passed', + echo 'Result of job 1802766: passed'), though.