

## openQA Project - action #39833

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

2018-08-16 08:46 - SLindoMansilla

<b>Status:</b>	Resolved	<b>Start date:</b>	2018-08-16
<b>Priority:</b>	High	<b>Due date:</b>	
<b>Assignee:</b>	EDiGiacinto	<b>% Done:</b>	0%
<b>Category:</b>	Concrete Bugs	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Done		
<b>Difficulty:</b>			
<b>Description</b> For example this job: <a href="http://10.160.66.74/tests/787">http://10.160.66.74/tests/787</a>			
<b>Workaround</b> Delete file <code>/var/lib/openqa/cache/cache.sqlite</code> and restart the workers.			
<b>Related issues:</b>			
Related to openQA Project - action #39743: [o3][tools] o3 unusable, often res...		<b>Resolved</b>	<b>2018-08-15</b>
Related to openQA Project - action #39980: Cache locks assets when worker die...		<b>Resolved</b>	<b>2018-10-02</b>
Related to openQA Project - action #40103: [o3] openqaworker4 not able to fin...		<b>Resolved</b>	<b>2018-08-22</b>
Related to openQA Project - action #40004: worker continues to work on job wh...		<b>Resolved</b>	<b>2018-08-20</b>
Related to openQA Project - action #39905: Job trying to download worker loca...		<b>Resolved</b>	<b>2018-08-17</b>

## History

### #1 - 2018-08-16 08:50 - EDiGiacinto

From the link you gave, webui is at Version 4.6.1534341932.1ded71aa

There is some particular reason to run such old worker? Basically seems 1 year old <https://github.com/os-autoinst/openQA/commits/89b04ed8>

### #2 - 2018-08-16 09:02 - SLindoMansilla

- File `openqa-resource-allocator.log` added
- File `openqa-scheduler` added
- File `openqa-websockets.log` added
- File `openqa-webui.log` added
- File `openqa-worker.log` added

There is no reason, I have updated to the last package version and rebooted the system. How can it be that the worker is so old?

```
sergio@sergio-latitude:~$ sudo zypper se -si openQA
Loading repository data...
Reading installed packages...
```

S	Name	Type	Version	Arch	Repository
i+	openQA	package	4.6.1534341932.1ded71aa-743.1	noarch	devel-openQA
i	openQA-client	package	4.6.1534341932.1ded71aa-743.1	noarch	devel-openQA
i	openQA-common	package	4.6.1534341932.1ded71aa-743.1	noarch	devel-openQA
i	openQA-local-db	package	4.6.1534341932.1ded71aa-743.1	noarch	devel-openQA
i+	openQA-worker	package	4.6.1534341932.1ded71aa-743.1	noarch	devel-openQA
i+	python-openqa_review	package	1.10.0-6.1	noarch	openSUSE-Leap-42.3-Update

### #3 - 2018-08-16 09:03 - SLindoMansilla

- Subject changed from `With openQA and openQA-worker 4.4.1497257618.89b04ed8-1.1`, workers pick jobs but do nothing to `With openQA and openQA-worker 4.6.1534341932.1ded71aa-743.1`, workers pick jobs but do nothing

Sorry, I copied the wrong version number.

#### #4 - 2018-08-16 09:19 - EDiGiacinto

looks like one of the instance is downloading the iso.

```
Aug 16 10:54:15 sergio-latitude worker[7316]: [info] [pid:7316] CACHE: Being downloaded by another worker, sleeping.
```

If the worker is actually not downloading it - did you by any chance brutally killed one of the workers instances while the download was in progress? if so you might need to clean up the cache

#### #5 - 2018-08-16 09:33 - SLindoMansilla

- Subject changed from *With openQA and openQA-worker 4.6.1534341932.1ded71aa-743.1, workers pick jobs but do nothing to [tools] When a worker is abruptly killed, jobs get blocked* - CACHE: Being downloaded by another worker, sleeping

- Description updated

It may be related to the shutdown of the SRV2. My Loewe's workers were down. That may have caused the issue.

#### #6 - 2018-08-17 14:43 - okurz

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

#### #7 - 2018-08-17 14:51 - okurz

- Priority changed from Normal to High

Observed on production instance o3 as well now: [#39743#note-27](#)

#### #8 - 2018-08-20 06:44 - EDiGiacinto

- Related to action #39980: *Cache locks assets when worker dies in critical section added*

#### #9 - 2018-08-23 14:35 - szarate

- Related to action #40103: *[o3] openqaworker4 not able to finish any jobs added*

#### #10 - 2018-08-23 14:40 - szarate

Updating the cache database is a workaround for the problem, but it can still happen.

The worker cache needs to evolve and be decoupled so that only one thing is doing the download (the tests are a separate story)

#### #11 - 2018-08-23 14:40 - szarate

- Target version set to Ready

#### #12 - 2018-08-23 15:04 - szarate

- Related to action #40004: *worker continues to work on job which he as well as the webui considers dead added*

#### #13 - 2018-08-23 15:24 - szarate

- Related to action #39905: *Job trying to download worker local file "aavmf-aarch64-vars.bin" into cache and fails with 404 added*

#### #14 - 2018-08-27 09:41 - szarate

Somehow this is happening even more often: <https://openqa.suse.de/tests/1999655> on workers that were not killed even...

#### #15 - 2018-08-27 09:46 - EDiGiacinto

Was cache cleaned up on ow6 since <https://progress.opensuse.org/issues/39980> ? if not, then it might still be locked since

#### #16 - 2018-08-27 10:33 - EDiGiacinto

- Status changed from New to In Progress

- Assignee set to EDiGiacinto

Looking at it - we can maybe reduce (not fix) the impact of the bug temporarily with a workaround before going to move the cache as a service (which requires more time)

#### #17 - 2018-08-29 06:22 - szarate

- Target version changed from Ready to Current Sprint

**#18 - 2018-09-12 10:29 - EDiGiacinto**

Pr with workaround (which was meant to be merged if the problem is more frequent): <https://github.com/os-autoinst/openQA/pull/1764>

But that won't spare deadlocks when workers get sigkilled - for a long term solution which is still being worked on, see: <https://github.com/os-autoinst/openQA/pull/1783> and [#39980](#)

**#19 - 2018-11-14 10:10 - EDiGiacinto**

- Status changed from In Progress to Feedback

<https://github.com/os-autoinst/openQA/pull/1783> has been merged, setting to Feedback

**#20 - 2018-11-27 09:32 - coolo**

- Status changed from Feedback to Resolved

- Target version changed from Current Sprint to Done

**Files**

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openqa-resource-allocator.log	548 Bytes	2018-08-16	SLindoMansilla
openqa-scheduler	784 Bytes	2018-08-16	SLindoMansilla
openqa-websockets.log	1.08 KB	2018-08-16	SLindoMansilla
openqa-webui.log	1.92 KB	2018-08-16	SLindoMansilla
openqa-worker.log	198 KB	2018-08-16	SLindoMansilla