

## openQA Project - action #17218

### Can't publish HDD1: cksum:

`/var/lib/openqa/share/factory/hdd/sle-12-SP3-x86_64-0248-textmode@64bit.qcow2.TEMP-IMZWlhMn:`  
**Permission denied**

2017-02-20 15:54 - michalnowak

<b>Status:</b> Resolved	<b>Start date:</b> 2017-02-20
<b>Priority:</b> High	<b>Due date:</b>
<b>Assignee:</b> oholecek	<b>% Done:</b> 100%
<b>Category:</b> Concrete Bugs	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b> Milestone 6	
<b>Difficulty:</b>	

**Description**

Using: openQA-4.4.1487185841.20f2a62-75.2.noarch and latest Mojo.

openQA is unable to publish HDD due to:

```
cksum: /var/lib/openqa/share/factory/hdd/sle-12-SP3-x86_64-0248-textmode@64bit.qcow2.TEMP-IMZWlhMn
: Permission denied
Use of uninitialized value $csum1 in concatenation (.) or string at /usr/share/openqa/script/./lib/OpenQA/Worker/Jobs.pm line 255.
Use of uninitialized value $size1 in concatenation (.) or string at /usr/share/openqa/script/./lib/OpenQA/Worker/Jobs.pm line 255.
Use of uninitialized value $csum1 in string eq at /usr/share/openqa/script/./lib/OpenQA/Worker/Jobs.pm line 257.
```

autoinst-log.txt:

```
15:44:40.4442 29040 QEMU: qemu-system-x86_64: terminating on signal 15 from pid 29040 (/usr/bin/is
otovideo: backen)
15:44:40.4443 29040 sending magic and exit
15:44:40.4444 29034 received magic close
15:44:40.4487 29034 preparing hdd 1 for upload as sle-12-SP3-x86_64-0248-textmode@64bit.qcow2 in q
cow2
15:44:40.4489 29034 running nice ionice qemu-img convert -O qcow2 raid/l1 assets_public/sle-12-SP3
-x86_64-0248-textmode@64bit.qcow2 -c
29034: EXIT 0
+++ worker notes +++
end time: 2017-02-20 15:46:20
result: done
uploading install_and_reboot-y2logs.tar.bz2
uploading sle-12-SP3-x86_64-0248-textmode@64bit.qcow2
Checksum :3415784162 Sizes::1061024768
uploading video.ogv
uploading vars.json
uploading serial0.txt
uploading autoinst-log.txt

-rw-r--r-- 1 root      root      1015235072 Feb 17 14:25 sle-12-SP3-x86_64-0248-textmode@64bit.qcow2
-rw----- 1 geekotest nogroup 1061024768 Feb 20 16:46 sle-12-SP3-x86_64-0248-textmode@64bit.qcow2
.TEMP-IMZWlhMn
```

This is how is worker started: `su - _openqa-worker -c "/usr/bin/perl /usr/share/openqa/script/worker --instance 1".` HDD gets published if it's started as root. This is a recent problem on my instance.

**Related issues:**

Related to openQA Project - action #16430: [tools] qcow2 image upload fails w...	<b>Resolved</b>	<b>2017-02-02</b>
Related to openQA Project - action #17408: Webinterface does not show any inf...	<b>Rejected</b>	<b>2017-03-01</b>

## History

**#1 - 2017-02-20 16:07 - szarate**

- Related to action #16430: [tools] qcow2 image upload fails with no apparent reason and job ends up incomplete added

**#2 - 2017-02-20 16:11 - coolo**

this is apparmor I bet

**#3 - 2017-02-20 16:21 - szarate**

Probably:

```
/var/lib/openqa/share/factory/hdd/* r,
```

@mnowak can you try playing with apparmor and setting that line to `/var/lib/openqa/share/factory/hdd/* rw`, (i would even go as far as `/var/lib/openqa/share/factory** rw`).

But also, while writing this... @mnowak where are those files located? `/var/lib/openqa/pool/%instance/assets_public?` if so then apparmor shouldn't have anything to do with this. What do you think coolo?

**#4 - 2017-02-21 08:04 - michalnowak**

I believe I have apparmor disabled:

```
# systemctl status apparmor
● apparmor.service
  Loaded: masked (/dev/null; bad)
  Active: inactive (dead)
```

**#5 - 2017-02-21 08:12 - michalnowak**

But also, while writing this... @mnowak where are those files located? `/var/lib/openqa/pool/%instance/assets_public?`

Before they are being uploaded? I guess. Didn't change anything.

After upload files are in `/var/lib/openqa/share/factory/hdd/`.

Some paths in `/var/lib/openqa/`:

```
lrwxrwxrwx 1 root root 14 Mar 14 2016 assets -> share/factory/
lrwxrwxrwx 1 root root 13 Feb 20 08:10 factory -> share/factory
drwxr-xr-x 5 root root 51 Sep 8 07:45 share/
```

**#6 - 2017-03-01 16:45 - asmorodskyi**

- Related to action #17408: Webinterface does not show any information when a worker fails to write to disk added

**#7 - 2017-03-02 04:15 - GraceWang**

I also met the same issue on my personal openQA environment.  
And the apparmor is disabled.

**#8 - 2017-03-20 09:54 - coolo**

apparmor is not guilty - the initial comment clearly shows 600 for geekotest, but the worker is running as `_openqa-worker`. So clearly plain permission denied

**#9 - 2017-03-20 09:55 - okurz**

- Category set to Concrete Bugs

- Priority changed from Normal to High

I can confirm

**#10 - 2017-03-20 10:04 - oholecek**

- Status changed from New to In Progress

- Assignee set to oholecek

**#11 - 2017-03-20 13:10 - michel\_mno**

I experienced a similar problem and previously created another issue  
<https://github.com/os-autoinst/openQA/issues/1249>  
I assume I can closed mine as duplicate of this one.

**#12 - 2017-03-20 13:15 - oholecek**

- *Target version set to Milestone 6*
- *% Done changed from 0 to 100*

PR <https://github.com/os-autoinst/openQA/pull/1263>

**#13 - 2017-03-20 14:40 - oholecek**

- *Status changed from In Progress to Resolved*

PR merged