

openQA Project - action #28328

job was triggered trying to download HDD image but it's already gone

2017-11-24 07:45 - okurz

Status:	Rejected	Start date:	2017-11-24
Priority:	Normal	Due date:	
Assignee:	okurz	% Done:	0%
Category:	Concrete Bugs	Estimated time:	0.00 hour
Target version:			
Difficulty:			

Description

Observation

<https://openqa.suse.de/tests/1269748/file/autoinst-log.txt>

```
start time: 2017-11-24 07:09:39
```

```
...
```

```
CACHE: Download of /var/lib/openqa/cache/SLES-15-aarch64-349.1@aarch64-minimal_with_sdk349.1_installed.qcow2 failed with: 404 - Not Found
```

```
+++ worker notes +++
```

```
end time: 2017-11-24 07:09:40
```

```
result: setup failure: Can't download SLES-15-aarch64-349.1@aarch64-minimal_with_sdk349.1_installed.qcow2
```

and from the parent:

```
end time: 2017-11-23 17:20:51
```

```
uploading install_and_reboot-y2logs.tar.bz2
```

```
uploading SLES-15-aarch64-349.1@aarch64-minimal_with_sdk349.1_installed.qcow2
```

```
Checksum comparison (actual:expected) 1032847561:1032847561 with size (actual:expected) 836435968:836435968
```

osd:openqa-gru:

```
[Fri Nov 24 02:53:09 2017] [28989:info] GRU: removing /var/lib/openqa/share/factory/hdd/SLES-15-aarch64-349.1@aarch64-minimal_with_sdk349.1_installed.qcow2
```

So it was deleted as expected after the parent job uploaded it but before the downstream job had a chance to act on it.

Problem

Isn't the asset being marked as "used" by a scheduled job to prevent GRU from cleaning that up?

Related issues:

Related to openQA Project - action #19672: GRU may delete assets while jobs a...	Resolved	2017-06-08	
Related to openQA Project - action #16496: [tools][sprint 201711.2] display c...	Resolved	2017-02-06	
Related to openQA Tests - coordination #25380: [sle][functional][epic] test f...	Resolved	2017-12-05	2018-02-27
Related to openQA Project - action #34783: Don't let jobs incomplete if manda...	Resolved	2018-04-12	
Related to openQA Project - action #12180: [webui] Prevent tests to be trigge...	New	2016-05-31	
Blocks openQA Project - action #44885: Cache service hiccups - Assets are del...	Resolved	2018-12-07	

History

#1 - 2017-11-24 08:00 - coolo

If it's used or not doesn't matter - if GRU deletes it, the job group was obviously not big enough to hold the working set. You have 100G for that group and the isos alone are around 70

But there is some subtle bug hidden, because SLES-15-x86_64-305.1-minimal_with_sdk305.1_installed.qcow2 is still present, but is 5 weeks old.

<https://progress.opensuse.org/issues/19672#note-8> might be part of the puzzle

as is <https://progress.opensuse.org/issues/16496> - it's just too hard atm to admin the job group sizes.

#2 - 2017-11-24 08:11 - coolo

I increased the job group size of functional group to 500GB, 100GB was a bit lightweight

#3 - 2017-11-24 08:13 - okurz

- Related to action #19672: GRU may delete assets while jobs are registered added

#4 - 2017-11-24 08:13 - okurz

- Related to action #16496: [tools][sprint 201711.2] display current disk space consumption of job groups added

#5 - 2017-11-24 08:14 - okurz

I guess I would be fine if the job would have been canceled with a message/state/comment instead of incomplete.

#6 - 2017-11-24 13:04 - SLindoMansilla

- Related to coordination #25380: [sle][functional][epic] test fails in install - tries to install SLE12 packages -> update test for sle15 added

#7 - 2017-11-24 22:54 - AdamWill

I have thought for a while that the cleanup code should avoid deleting assets associated with pending/running jobs...

#8 - 2019-01-18 13:01 - okurz

- Related to action #34783: Don't let jobs incomplete if mandatory resources are missing added

#9 - 2019-10-17 18:53 - okurz

- Related to action #12180: [webui] Prevent tests to be triggered when required assets are not present (anymore) added

#10 - 2019-11-07 09:24 - okurz

- Blocks action #44885: Cache service hiccups - Assets are deleted after they are downloaded added

#11 - 2020-01-30 22:08 - okurz

- Status changed from New to Rejected

- Assignee set to okurz

I guess by now we have changed the asset cleanup and quota management code enough again to call the behaviour currently described in this ticket as design. The alternative of locking assets for currently scheduled jobs even though job group quota is exceeded sounds dangerous as well. We could try to delete assets linked to not-unfinished jobs first but that there are also good arguments to prefer to keep assets of finished jobs so I don't think we should even make that call.