

## openQA Project - action #70774

### save\_needle Minion tasks fail frequently

2020-09-01 12:17 - mkittler

<b>Status:</b>	New	<b>Start date:</b>	2020-09-01
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Feature requests	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	future		
<b>Difficulty:</b>			

#### Description

### Observation

The save\_needle Minion task fails frequently on OSD and also sometimes on o3.

This can be observed using the following query parameters:

[https://openqa.suse.de/minion/jobs?state=failed&offset=0&task=save\\_needle](https://openqa.suse.de/minion/jobs?state=failed&offset=0&task=save_needle)

I'm going to remove most of these jobs to calm down the alert but right now 24 jobs have piled up over 2 month. However, the problem actually exists longer than 2 month but the failures have been manually cleaned up so far.

The problem here is always that the Git working tree is in a state which can not be handled by the task:

1.

```
"result" => {
  "error" => "<strong>Failed to save addon_products-module-dev-tools-pvm-20200805.</strong><br><pre>Unable to commit via Git: On branch master\nYour branch is up to date with 'origin/master'.\n\nnothing to commit, working tree clean</pre>"
},
```

2.

```
"result" => {
  "error" => "<strong>Failed to save manually_add_profile-AppArmor-Chose-a-program-to-generate-a-profile-20200827.</strong><br><pre>Unable to reset repository to origin/master: error: cannot rebase: Your index contains uncommitted changes.\nerror: Please commit or stash them.</pre>"
},
```

### Suggestions

It would be useful if the task would be able to handle the problematic situations itself instead of requiring manual intervention. Note that the delete\_needle task (which shares the same Git code) is also affected. We have likely less problems there because that task is not executed that often.

### Problematic situations

1. No diff has been produced which could be committed: Maybe that's simply when there's no actual change and we can simply return early in that case.
2. The Git directory contains uncommitted changes: We could save these changes on a new branch before rebasing.
3. We can not push the new commit because in the meantime new commits have been pushed to the remote from elsewhere: Just repeat the procedure.
4. The fetch needles script is interfering.

#### Related issues:

Related to openQA Project - action #33745: Improve handling external Git repo...	<b>New</b>	<b>2018-03-23</b>
Related to openQA Infrastructure - action #61221: osd: unable to save needles...	<b>New</b>	<b>2019-12-20</b>
Related to openQA Infrastructure - action #96263: Exclude certain Minion task...	<b>New</b>	<b>2021-07-29</b>
Related to openQA Infrastructure - action #98499: [alert] web UI: Too many Mi...	<b>Resolved</b>	<b>2021-09-13</b>
Has duplicate openQA Project - action #75070: save_needle minion task fails b...	<b>Rejected</b>	<b>2020-10-22</b>

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## History

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**#1 - 2020-09-01 12:17 - mkittler**

- Related to action #33745: Improve handling external Git repositories (for needles) added

**#2 - 2020-09-01 12:52 - okurz**

- Target version set to Ready

**#3 - 2020-09-01 13:32 - mkittler**

- Tags set to alert

**#4 - 2020-10-17 20:17 - okurz**

- Description updated

- Category set to Feature requests

I think you once already proposed a solution to "repair" the git state. Can you reference that again so that we can think about what we can take from that?

**#5 - 2020-10-18 11:13 - okurz**

- Related to action #61221: osd: unable to save needles, minion fails with "fatal: Unable to create '/var/lib/openqa/.../needles/.git/index.lock'" added

**#6 - 2020-10-18 11:13 - okurz**

- Target version changed from Ready to future

**#7 - 2020-10-22 10:19 - Xiaojing\_liu**

- Has duplicate action #75070: save\_needle minion task fails because "Your branch is ahead of 'origin/master'" added

**#8 - 2021-09-13 08:53 - mkittler**

- Related to action #96263: Exclude certain Minion tasks from "Too many Minion job failures alert" alert added

**#9 - 2021-09-13 08:53 - okurz**

- Related to action #98499: [alert] web UI: Too many Minion job failures alert size:S added