

openQA Project - coordination #67723

coordination # 58184 (Blocked): [saga][epic][use case] full version control awareness within openQA, e.g. user forks and branches, fully versioned test schedules and configuration settings

coordination # 80372 (Resolved): [epic] Cleanup vars.json as initial information container between openQA worker and isotovideo

[epic] Remote openQA worker fails to run tests from openqa-clone-custom-git-refspec

2020-06-04 09:18 - ggardet_arm

Status:	Resolved	Start date:	2021-03-18
Priority:	Normal	Due date:	
Assignee:	okurz	% Done:	100%
Category:	Feature requests	Estimated time:	0.00 hour
Target version:	Ready		
Difficulty:	easy		

Description

Observation

Remote openQA worker fails to run tests from openqa-clone-custom-git-refspec, see: <https://openqa.opensuse.org/tests/1287895>

```
[0mneedles_dir not found: /var/lib/openqa/pool/2/os-autoinst-distri-opensuse/var/lib/openqa/cache/openqa1-opensuse/tests/opensuse/products/opensuse/needles (check vars.json?) at /usr/lib/os-autoinst/needle.pm line 330, <$fh> line 20.  
[37m[2020-06-04T09:10:50.934 UTC] [debug] terminating command server 19004 because test execution ended through exception  
[0m[37m[2020-06-04T09:10:51.935 UTC] [debug] done with command server  
[0m18926: EXIT 1
```

Is there anything to setup?

Motivation

As a user of remote openQA worker instances I want to be able to use openqa-clone-custom-git-refspec as well

Acceptance criteria

- **AC1:** openqa-clone-custom-git-refspec creates jobs with valid CASEDIR and valid NEEDLES_DIR if source job is a "remote worker"
- **AC2:** openqa-clone-custom-git-refspec still creates jobs that find tests from specified git hash and needles for other workers

Suggestions

- Croscheck the command line with which openqa-clone-job would be or is called within openqa-clone-custom-git-refspec in case of normal workers or the affected machines
- As it seems that the paths given to openqa-clone-job seem valid also check how openQA internally handles paths to generate the obviously wrong path like
"/var/lib/openqa/pool/2/os-autoinst-distri-opensuse/var/lib/openqa/cache/openqa1-opensuse/tests/opensuse/products/opensuse/needles"
- Either apply fix in openQA side or openqa-clone-custom-git-refspec

Subtasks:

action # 90290: Relative paths for CASEDIR and others as default to be not bound to spe...	Resolved
action # 90293: Optional relative paths for CASEDIR and others to be not bound to speci...	Resolved
action # 90302: Remote openQA worker fails to run tests from openqa-clone-custom-git-re...	Resolved

Related issues:

Related to openQA Project - action #66658: Fail to use openqa-clone-custom-gi...	Resolved	2020-05-09
Related to openQA Project - action #88482: Two absolute paths concatenated to...	Resolved	2021-02-08
Related to openQA Tests - action #89990: Error on tests/kernel/run_ltp.pm: Ca...	Resolved	2021-03-12

History

#1 - 2020-06-04 13:31 - okurz

- Project changed from openQA Tests to openQA Project
- Category set to Concrete Bugs
- Status changed from New to Feedback
- Assignee set to okurz

/var/lib/openqa/pool/2/os-autoinst-distri-opensuse/var/lib/openqa/cache/openqa1-opensuse/tests/opensuse/products/opensuse/needles is obviously an in correct path. Could it be your clone source job was already one created with openqa-clone-custom-git-refspec?

#2 - 2020-07-07 13:31 - okurz

- Category changed from Concrete Bugs to Support
- Status changed from Feedback to Resolved

No response

#3 - 2020-07-07 13:47 - ggardet_arm

- Status changed from Resolved to New

okurz wrote:

/var/lib/openqa/pool/2/os-autoinst-distri-opensuse/var/lib/openqa/cache/openqa1-opensuse/tests/opensuse/products/opensuse/needles is obviously an in correct path. Could it be your clone source job was already one created with openqa-clone-custom-git-refspec?

I tried to clone a test which was the first run for the 20200704 snapshot and it failed. See: <https://openqa.opensuse.org/t1326587>

#4 - 2020-07-16 13:12 - okurz

- Category changed from Support to Concrete Bugs
- Status changed from New to Workable
- Assignee deleted (okurz)
- Target version set to Ready

#5 - 2020-08-04 06:31 - Xiaojing_liu

I reproduced this issue in my local environment. Because the cloned source job's PRODUCTDIR is /var/lib/openqa/cache/openqa1-opensuse/tests/opensuse/products/opensuse/ (remote worker and enable cache), so the openqa-clone-custom-git-refspec set the new job's NEEDLES_DIR as '/var/lib/openqa/cache/openqa1-opensuse/tests/opensuse/products/opensuse/needles' in this line: <https://github.com/os-autoinst/openQA/blob/master/script/openqa-clone-custom-git-refspec#L126>

In os-autoinst, when the needles_dir does not exist, it will change the needles_dir to CASEDIR+NEEDLES_DIR, <https://github.com/os-autoinst/os-autoinst/blob/master/needle.pm#L329>.

So in this situation, the needle_dir is

/var/lib/openqa/pool/2/os-autoinst-distri-opensuse/var/lib/openqa/cache/openqa1-opensuse/tests/opensuse/products/opensuse/needles

I am wondering, do we need to give the arguments NEEDLES_DIR and PRODUCTDIR when calling openqa-clone-job in openqa-clone-custom-git-refspec?

I have not got a good idea to fix this ticket.

A workaround:

use openqa-clone-job ... CASEDIR=https://github.com/ggardet/os-autoinst-distri-opensuse.git#add_ai_ml_GROUP="0"

#6 - 2020-08-04 09:03 - okurz

- Related to action #66658: Fail to use openqa-clone-custom-git-refspec to trigger a job which is also triggered by this script added

#7 - 2020-08-04 09:10 - okurz

- Priority changed from Normal to Low

@Xiaojing_liu thank you for looking into this and also for giving a workaround suggestion. I am not sure which job you used as "source job".

[ggardet_arm](#) it seems we are still missing something here. Could you help us please to provide better steps for reproduction, e.g. the command line you called the script with.

#8 - 2020-08-04 09:10 - okurz

- Status changed from Workable to Feedback
- Assignee set to [ggardet_arm](#)

#9 - 2020-08-05 07:43 - Xiaojing_liu

I reproduced it in my local environment, so both source job and cloned job are local jobs. Here are the link:
source job: <http://10.67.19.103/tests/158> (worker: barry:1 is a remote worker)
clone job: <http://10.67.19.103/tests/159>

#10 - 2020-08-05 09:17 - okurz

- Tags set to `openqa-clone-custom-git-refspec`
- Description updated
- Category changed from Concrete Bugs to Feature requests
- Status changed from Feedback to Workable
- Assignee deleted ([ggardet_arm](#))
- Difficulty set to easy

Thanks. I updated the ticket description to be a workable feature request for us to cover remote workers as well.

[Xiaojing_liu](#) wrote:

So in this situation, the `needle_dir` is
`/var/lib/openqa/pool/2/os-autoinst-distri-opensuse/var/lib/openqa/cache/openqa1-opensuse/tests/opensuse/products/opensuse/needles`

I am wondering, do we need to give the arguments `NEEDLES_DIR` and `PRODUCTDIR` when calling `openqa-clone-job` in `openqa-clone-custom-git-refspec`?

Yes, `openqa-clone-custom-git-refspec` adds `NEEDLES_DIR` explicitly because we only check out the test data and rely on the needles to be present on the system already. For `PRODUCTDIR` we point to a relative dir within the checked out test distribution directory.

So far it seems to me as if the `openqa-clone-job` command line is correctly generated but within openQA the additional path `/var/lib/openqa/pool/1/os-autoinst-distri-opensuse` seems to be added in front.

#11 - 2020-09-04 11:48 - okurz

- Due date set to 2020-09-25
- Status changed from Workable to Feedback
- Assignee set to [okurz](#)

[ggardet_arm](#) can you please check again if this works now after <https://github.com/os-autoinst/openQA/pull/3348> has been merged?

#12 - 2020-09-04 12:42 - ggardet_arm

[okurz](#) wrote:

[ggardet_arm](#) can you please check again if this works now after <https://github.com/os-autoinst/openQA/pull/3348> has been merged?

No, it does not work.

See: <https://openqa.opensuse.org/tests/1384426#details> created by:

```
./openqa-clone-custom-git-refspec https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/10944 https://openqa.opensuse.org/tests/1384351 WORKER_CLASS=aws
```

#13 - 2020-09-04 12:47 - okurz

- Status changed from Feedback to Workable
- Assignee deleted ([okurz](#))

alright, thanks for testing.

#14 - 2020-09-18 08:12 - Xiaojing_liu

- Status changed from Workable to In Progress

- Assignee set to [Xiaojing_liu](#)

#15 - 2020-09-22 03:47 - [Xiaojing_liu](#)

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

For now, if the source job has no `NEEDLES_DIR` and users do not specify this parameter when using `openqa-clone-custom-git-refspec`, the `NEEDLES_DIR` will be set to `$old_product_dir/needles` in this script `openqa-clone-custom-git-refspec`.

In this ticket, `$old_product_dir` is a cache directory `/var/lib/openqa/cache/openqa1-opensuse/tests/opensuse/products/opensuse`, because cache service is enabled. But when the new job is run on another worker, the `NEEDLES_DIR` (`/var/lib/openqa/cache/openqa1-opensuse/tests/opensuse/products/opensuse/needles`) may does not exist (maybe because the worker does not enable cache service or the openqa has different host name (not `openqa1-opensuse`) in this worker), so following the way of dealing with `needles_dir` in `os-autoinst`: <https://github.com/os-autoinst/os-autoinst/blob/c9117f1b248d5a08fe3192d34826d0c42c40750b/needle.pm#L329>

```
$needles_dir = File::Spec->catdir($bmwqemu::vars{CASEDIR}, $needles_dir) unless -d $needles_dir;
```

the `needles_dir` is wrong, just like the description in this ticket.

I also checked the jobs on OSD, seems all workers have the same configurations about the cache directory `/var/lib/openqa/cache/openqa.suse.de/tests/...`, so we have not met this problem on OSD.

In this scenario, we cannot find out the correct `NEEDLES_DIR` from the source job. But we could specify the `NEEDLES_DIR` as a workaround, such as

```
./openqa-clone-custom-git-refspec https://github.com/os-autoinst/os-autoinst-distrib-opensuse/pull/11043 https://openqa.opensuse.org/tests/1399182 WORKER_CLASS=aws NEEDLES_DIR="/var/lib/openqa/share/tests/opensuse/products/opensuse/needles"
Created job #1400225: opensuse-Tumbleweed-DVD-aarch64-Build20200918-mediacheck@aarch64 -> https://openqa.opensuse.org/t1400225
```

It also worked, and the job <https://openqa.opensuse.org/t1400225> is passed.

[ggardet_armokurz](#) WDYT?

#16 - 2020-09-22 06:36 - [okurz](#)

That's a good and correct explanation and a good workaround. For now I don't think we should do more than document this for the special case of test distributions with extra needle repo cloned from caching worker to non-caching worker. How about we document within the openQA docs or the help of `openqa-clone-custom-git-refspec`? For a better intelligence I think we should work on other tickets first, e.g. the full version control awareness

#17 - 2020-09-22 07:46 - [Guillaume_G](#)

Thanks for the workaround. The problem is when jobs are cloned and `WORKER_CLASS` not overwritten, any `aarch64` worker could be picked up and could fail due to this problem.

Maybe we should setup all workers to use the same path, as done in `osd`?

#18 - 2020-09-22 09:14 - [okurz](#)

Yes. I guess for this you just need to ensure two things on the remote worker machines that you maintain:

- Enabling caching
- Ensure the main `o3` webui server can be reached by the hostname "openqa1-opensuse"

To show the relevant parts from the worker config

```
$ ssh root@aarch64 cat /etc/openqa/workers.ini
[global]
HOST = http://openqa1-opensuse
WORKER_HOSTNAME = 192.168.112.3
CACHEDIRECTORY = /var/lib/openqa/cache
WORKER_CLASS = qemu_aarch64,qemu_aarch32,heavyload
```

```
[http://openqa1-opensuse]
TESTPOOLSERVER = rsync://openqa1-opensuse/tests
```

#19 - 2020-09-22 09:23 - [ggardet_arm](#)

Is `rsync` available from Internet?

And I think it would be better to rename `openqa1-opensuse` to `openqa.opensuse.org`.

#20 - 2020-09-22 09:30 - [ggardet_arm](#)

[ggardet_arm](#) wrote:

Is rsync available from Internet?

It looks like it is not:

```
rsync: [Receiver] failed to connect to openqa.opensuse.org (2001:67c:2178:8::16): Connection timed out (110)
rsync: [Receiver] failed to connect to openqa.opensuse.org (195.135.221.140): Connection timed out (110)
rsync error: error in socket IO (code 10) at clientserver.c(137) [Receiver=3.2.3]
```

So, we cannot go this way.

#21 - 2020-10-14 05:55 - Xiaojing_liu

May I set this ticket as 'Resolve'?

#22 - 2020-10-14 06:11 - okurz

Hm, I don't think we have actually resolved the issue yet. In the case of test distributions where needles are in a separate directory and we have differing workers config, e.g. some with caching, some without, we still run into problems.

@Xiaojing_liu do you think the acceptance criteria as currently specified are fulfilled?

I think we can improve the documentation to mention the limitations. Also we can try to handle this situation better, e.g. look in multiple alternative paths when looking for needles.

#23 - 2020-10-23 08:41 - Xiaojing_liu

- Assignee deleted (Xiaojing_liu)

I did not work on it for a long time, I also missed the last message. Sorry for that. I remove the Assignee because I have no idea how to get the valid NEEDLES_DIR if the source job is remote worker.

#24 - 2020-10-23 09:09 - okurz

- Due date deleted (2020-09-25)

- Status changed from Feedback to Workable

alright. Thanks for the update. Back to Workable.

#25 - 2020-11-14 22:13 - okurz

- Priority changed from Low to Normal

#26 - 2020-11-20 03:35 - Xiaojing_liu

- Due date set to 2020-11-27

- Status changed from Workable to In Progress

I would like to try it again.

#27 - 2020-11-20 06:30 - Xiaojing_liu

- Assignee set to Xiaojing_liu

#28 - 2020-11-23 11:23 - Xiaojing_liu

PR: <https://github.com/os-autoinst/openQA/pull/3578>
<https://github.com/os-autoinst/os-autoinst/pull/1569>

#29 - 2020-11-25 14:18 - okurz

- Parent task set to #58184

#30 - 2020-11-26 07:58 - Xiaojing_liu

- Status changed from In Progress to Blocked

#31 - 2020-11-26 07:59 - Xiaojing_liu

- Blocked by coordination #80372: [epic] Cleanup vars.json as initial information container between openQA worker and isotovideo added

#32 - 2020-11-26 07:59 - Xiaojing_liu

- Due date deleted (2020-11-27)

#33 - 2020-12-03 09:47 - okurz

- Status changed from Blocked to In Progress

- Parent task changed from #58184 to #80372

as discussed in daily adding to the epic as subtask, not blocked by, and setting ticket to "In Progress"

#34 - 2020-12-10 10:56 - Xiaojing_liu

<https://github.com/os-autoinst/openQA/pull/3604>

<https://github.com/os-autoinst/os-autoinst/pull/1577>

#35 - 2020-12-14 22:23 - okurz

Today multiple persons met and we discussed the ticket and various points around it. Important points to mention:

- https://github.com/os-autoinst/os-autoinst/blob/master/doc/backend_vars.asciidoc describes the current test variables that are read and written by isotovideo
- <https://github.com/os-autoinst/openQA/blob/master/docs/Installing.asciidoc#terms-and-variables-for-certain-directories-used-by-openqa-and-isotovideo> has an overview of path related variables from openQA side
- openQA-in-openQA tests like <https://openqa.opensuse.org/tests/1506935#> using <https://github.com/os-autoinst/os-autoinst-distri-openQA/> show an example of a test distribution that have main.pm in the root folder so we can not strictly set productdir=\$casedir/products/\$distri
- We need to keep in mind that openQA has job settings stored in the database, which are also used by the clone script. The worker updates vars.json, overwrites some variables. os-autoinst uses vars.json and also overwrites some variables and adds more variables to vars.json. vars.json is also used by openqa-clone-custom-git-refspec

Ideas:

- In every step overwrite less or no variables but instead only define new ones instead of overwriting input parameters
- Use relative paths where possible, e.g. absolute PRJDIR or SHAREDIR but CASEDIR, PRODUCTDIR, NEEDLESDIR relative to PRJDIR or SHAREDIR

#36 - 2021-01-20 10:28 - cdywan

With <https://github.com/os-autoinst/os-autoinst/pull/1606> merged which superseded previous PRs, is there more to be done here? @Xiaojing_liu

#37 - 2021-01-20 10:30 - cdywan

- Due date set to 2021-01-22

Setting a due date since it doesn't seem like Ivan's script is catching it

#38 - 2021-01-21 04:12 - Xiaojing_liu

cdywan wrote:

With <https://github.com/os-autoinst/os-autoinst/pull/1606> merged which superseded previous PRs, is there more to be done here? @Xiaojing_liu

<https://github.com/os-autoinst/openQA/pull/3604> There is an open pr which is waiting for feedback.

#39 - 2021-01-22 13:14 - okurz

- Status changed from In Progress to Feedback

<https://github.com/os-autoinst/openQA/pull/3604> merged

#40 - 2021-01-23 17:30 - okurz

<https://github.com/os-autoinst/openQA/pull/3604> was merged and reverted again in <https://github.com/os-autoinst/openQA/pull/3693> after an error report <https://github.com/os-autoinst/openQA/pull/3604#issuecomment-765888161>

#41 - 2021-01-25 12:27 - cdywan

- Due date changed from 2021-01-22 to 2021-01-29

For the record, I suggested in the chat to add DISTRI=mime BUILD=test CASEDIR=https://github.com/cooloo/os-autoinst-distri-example.git#master (or a variation of it) as a unit test, and this could be added even before re-introducing the feature.

#42 - 2021-01-26 09:11 - Xiaojing_liu

Another pr to fix that issue: <https://github.com/os-autoinst/openQA/pull/3696>

#43 - 2021-01-26 16:28 - cdywan

- Status changed from Feedback to In Progress

#44 - 2021-01-30 16:15 - okurz

We decided to merge the PR after we added additional unit tests and not finding easy cases to test pre-merge. We observed openQA "last_good_tests" openQA investigation jobs incomplete due to being unable to find the main schedule files, e.g.

openqa.opensuse.org/tests/1609706

On openqa.opensuse.org/tests?match=last_good_test I also saw the suspicion confirmed that any "last_good_tests" investigation job since this day (since the new version is deployed) are incomplete except of the ones on the old aarch64 workers which still have the old version.

Further notes from chat about the reason and our choices:

[Xiaojing_liu](#)

15:02

Oliver Kurz I checked others incomplete, have the same reason. Actually I confuse about the scenario. If we supply a git url as CASEDIR, and use the old PRODUCTDIR value, the main.pm in productdir will not make sense. right? I guess it's the reason why we supply RPRODUCTDIR in openqa-clone-custom-git-refspect together.

okurz

Oliver Kurz [okurz](#)

15:04

the reason why I supplied PRODUCTDIR in openqa-clone-custom-git-refspect initially was a workaround because it is needed. Let me check the openQA code what is expected and what *should* be done for the future

okurz

Oliver Kurz [okurz](#)

15:07

right. <https://github.com/os-autoinst/openQA/blob/1998b3cde8c85be95d8ddab6933d7877c9437670/lib/OpenQA/Utils.pm#L127> explains it: Normally the user should not need to specify PRODUCTDIR because we have the line return \$dir . "/products/\$distri" if -e "\$dir/products/\$distri"; in <https://github.com/os-autoinst/openQA/blob/1998b3cde8c85be95d8ddab6933d7877c9437670/lib/OpenQA/Utils.pm#L142> . And if someone wants to use CASEDIR= and keep DISTRI in before there should be no need to specify PRODUCTDIR, only if one wants to rename "DISTRI" to a value that would not correspond to "\$casedir/products/\$distri/main.pm" then PRODUCTDIR would need to be set

#45 - 2021-02-01 08:15 - Xiaojing_liu

Please help to confirm those points:

1. If users only supply CASEDIR=<https://github.com/os-autoinst/os-autoinst-distri-opensuse.git#6f7510c5fc8d0c3c46a1d2154f5fc54296c22bd5>, we should define PRODUCTDOR=`/var/lib/openqa/share/tests/opensuse/products/opensuse?` This is the behavior for now. In this scenario, if the push includes the modification for `products/opensuse/main.pm`, it doesn't work, right? Because the PRODUCTDIR is not under the CASEDIR.
2. There is also an issue of openqa-clone-custom-git-refspect. If use this script to trigger a new job (job's CASEDIE=`opensuse`, PRODUCTDIR=`opensuse/products/opensuse`), the NEEDLES_DIR will be set as `opensuse/products/opensuse/needles`. it's not correct. we could modify this script to set this value as `needles`, or modify the Worker code to Compatible with it.

#46 - 2021-02-05 14:36 - cdywan

- Due date changed from 2021-01-29 to 2021-02-12

Xiaojing_liu wrote:

Please help to confirm those points:

1. If users only supply

CASEDIR=<https://github.com/os-autoinst/os-autoinst-distri-opensuse.git#6f7510c5fc8d0c3c46a1d2154f5fc54296c22bd5>, we should define PRODUCTDOR=`/var/lib/openqa/share/tests/opensuse/products/opensuse?` This is the behavior for now. In this scenario, if the push includes the modification for `products/opensuse/main.pm`, it doesn't work, right? Because the PRODUCTDIR is not under the CASEDIR.

Are you talking about a new default for PRODUCTDIR? Would the default be relative to CASEDIR?

1. There is also an issue of openqa-clone-custom-git-refspect. If use this script to trigger a new job (job's CASEDIE=`opensuse`, PRODUCTDIR=`opensuse/products/opensuse`), the NEEDLES_DIR will be set as `opensuse/products/opensuse/needles`. it's not correct. we could modify this script to set this value as `needles`, or modify the Worker code to Compatible with it.

I guess, same as above, we should make sure the defaults are well-defined. Either that or they have to be set at all times.

#47 - 2021-02-10 07:04 - Xiaojing_liu

According note#44, commit new pr: <https://github.com/os-autoinst/openQA/pull/3712>

#48 - 2021-02-15 15:48 - cdywan

- Due date changed from 2021-02-12 to 2021-02-19

Let's assume Jane is enjoying the new year's holidays before getting back to this□□□□□□□□

#49 - 2021-02-22 15:27 - cdywan

- Due date changed from 2021-02-19 to 2021-02-26

Manual tests to be found here: <https://github.com/os-autoinst/openQA/pull/3712#issuecomment-783193059>

#50 - 2021-02-25 10:22 - okurz

- Related to action #88482: Two absolute paths concatenated to form a default needle dir when PRODUCT_DIR/needles doesn't exist added

#51 - 2021-03-02 08:58 - Xiaojing_liu

- Status changed from In Progress to Feedback

The pull request is set acceptance-tests-needed, and one colleague helped deploy this patch to one worker:

<https://openqa.opensuse.org/admin/workers/260>

See details in <https://github.com/os-autoinst/openQA/pull/3712#issuecomment-784178554>.

I did not spend much time on it, just reviewed the jobs' results of that worker sometimes.

Since we are waiting for more test results, so I prefer to set this ticket to feedback.

#52 - 2021-03-02 09:01 - okurz

- Due date changed from 2021-02-26 to 2021-03-04

Good choice! As the the smaller os-autoinst change <https://github.com/os-autoinst/os-autoinst/pull/1627> is still pending deployment on OSD I would wait until after the deployment tomorrow and then merge the openQA change to come in next.

#53 - 2021-03-10 08:41 - cdywan

- Due date changed from 2021-03-04 to 2021-03-12

I didn't save the comment here, so once more:

We briefly discussed that <https://github.com/os-autoinst/openQA/pull/3712> was tested enough, the os-autoinst branch was merged as well.

Unfortunately now the PR is stuck even 20 hours after review, trying to figure out what's wrong there now.

#54 - 2021-03-12 09:02 - okurz

- Due date changed from 2021-03-12 to 2021-03-17

PR is merged. Was deployed on OSD by now. Given that with the previous iterations we had some problems I suggest to await any potential user feedback until next week before we check against the original request again if the feature is completed.

#55 - 2021-03-12 10:01 - pcervinka

- Related to action #89990: Error on tests/kernel/run_ltp.pm: Can't locate sle/tests/kernel/run_ltp.pm added

#56 - 2021-03-12 10:16 - okurz

Regression found with #89990 . I will handle the rollback in #89990 . Can you try to understand the specific test requirements and include in your changes as well?

Further ideas for improvements:

- Instead of enabling the new functionality by default, introduce an experimental feature switch so that we do not have to revert the source code, only the switch configuration
- We should have an alert for the broken jobs caused by the change in behaviour -> Check the existing alert for "new incompletes"

#57 - 2021-03-12 10:49 - cdywan

From the weekly:

- no alerts due to incomplete alerts not firing, this was expected
- use feature switch approach similar to faster localhost uploads
- enable via job setting (could be machine, job group, etc)

#58 - 2021-03-15 08:25 - Xiaojing_liu

PR for this regression issue: <https://github.com/os-autoinst/os-autoinst/pull/1634>

#59 - 2021-03-17 06:33 - Xiaojing_liu

- Due date changed from 2021-03-17 to 2021-03-19

The pr for os-autoinst has been merged. After it is deployed on OSD and o3, if there is no problem, we could consider recovery the pr on openQA.

#60 - 2021-03-17 13:26 - okurz

Yes, we should bring back the PR but only enable the changed behaviour based on a feature switch, ok?

#61 - 2021-03-18 07:40 - Xiaojing_liu

As discussed with [cdywan](#), we agreed with using a job setting to enable or disable this feature. Will commit a new pull request later.

#62 - 2021-03-18 09:38 - Xiaojing_liu

pr: <https://github.com/os-autoinst/openQA/pull/3799>

#63 - 2021-03-18 12:48 - okurz

- Tracker changed from action to coordination

- Subject changed from Remote openQA worker fails to run tests from openqa-clone-custom-git-refspec to [epic] Remote openQA worker fails to run tests from openqa-clone-custom-git-refspec

- Status changed from Feedback to Blocked

- Assignee changed from Xiaojing_liu to okurz

As after this PR there are likely more steps also regarding the feature switch I know now how to switch this ticket better, e.g. see subtask [#90293](#)

#64 - 2021-04-20 10:39 - okurz

- Status changed from Blocked to Resolved

All subtasks resolved, both ACs covered.