openQA Tests - action #59394

[functional][u] Overwrite empty ISO variable everywhere where not needed, i.e. `+ISO=`, to prevent useless ISO downloading and storage

13/11/2019 10:54 am - okurz

### Status: Workable
### Priority: Normal
### Assignee: okurz
### Category: Enhancement to existing tests
### Target version: 
### Difficulty: 
### Start date: 13/11/2019
### Due date: 
### % Done: 0%
### Estimated time: 0.00 hour

#### Description

**Motivation**

By default we pass "ISO" to all jobs even when it is not needed, e.g. in downstream jobs booting HDD. This causes useless downloads to the worker for each job as well as on each cloning. See #33946 for details. This can be prevented with a simple `+ISO=` in all test suites that do not actually need the ISO.

#### Suggestions

- Add `+ISO=` to all test suites booting HDD images and not relying on the ISO
- Crosscheck test results

#### Related issues:

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<th>Issue</th>
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<tr>
<td>Related to openQA Tests - action # 38807: [functional][u][medium] Make sure a...</td>
<td>Workable</td>
<td>25/07/2018</td>
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<tr>
<td>Related to openQA Project - action # 64938: <code>+ISO=</code> in test suite breaks a nu...</td>
<td>Resolved</td>
<td>27/03/2020</td>
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<tr>
<td>Copied from openQA Project - action # 33946: Iso image of Parent Job is downl...</td>
<td>Resolved</td>
<td>28/03/2018 12/11/2019</td>
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#### History

**#1 - 13/11/2019 10:54 am - okurz**

- Copied from action #33946: Iso image of Parent Job is downloaded even if "--skip-deps" property is specified while cloning Child Job added

**#2 - 29/11/2019 07:47 am - okurz**

- Related to action #38807: [functional][u][medium] Make sure all used assets are accounted for in tests on osd (#38804) but not as assets which people need to download on cloning the job as the ISO is not actually used added

**#3 - 29/11/2019 07:48 am - okurz**

- Status changed from New to In Progress
- Assignee set to okurz

doing it on o3

**#4 - 29/11/2019 07:56 am - okurz**

- Status changed from In Progress to Workable
- Assignee deleted (okurz)

ok, only hadded `+ISO=` to "boot_to_snapshot" as I have tested this scenario. https://openqa.opensuse.org/admin/testsuites shows 337 test suites mentioning "HDD_1=". Some need the ISO, e.g. "external_iso". For the most I am not sure if the ISO is not enabled as repo and used during install so I will leave this for now. I recommend to check the scenarios if the ISO is actually enabled and then just switch all, e.g. using API or DB update.

02/04/2020
Subject changed from Overwrite empty ISO variable everywhere where not needed, i.e. `+ISO=`, to prevent useless ISO downloading and storage to Overwrite empty ISO variable everywhere where not needed, i.e. `+ISO=`, to prevent useless ISO downloading and storage

I'm not sure if that's the right solution. If iso gets removed, we won't be able to regenerate the image, so having setting will help us. On the worker side, copying definitely can be improved by not doing so if we boot into the image and iso is not used as a repo (like in the case of repoless installer). So we are not going to change test suites in our job group in order to have chance to re-generate images.

riafarov wrote:

I'm not sure if that's the right solution. If iso gets removed, we won't be able to regenerate the image, so having setting will help us.

There should still be the ISO variable for all jobs that rely on the ISO, e.g. `create_hdd_...`. I don't think having the ISO referenced in more tests ensures that the image would stay around longer effectively.

Related to action #6438: `+ISO=` in test suite breaks a number of tests added