openQA Tests - action #89314

[qe-core] test fails in select_patterns - sub select_specific_patterns_by_iteration needs to be fixed

2021-03-02 08:25 - SLindoMansilla

<table>
<thead>
<tr>
<th>Status:</th>
<th>Blocked</th>
<th>Start date:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>High</td>
<td>Due date:</td>
<td></td>
</tr>
<tr>
<td>Assignee:</td>
<td></td>
<td>% Done:</td>
<td>50%</td>
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<tr>
<td>Category:</td>
<td>Bugs in existing tests</td>
<td>Estimated time:</td>
<td>0.00 hour</td>
</tr>
<tr>
<td>Target version:</td>
<td></td>
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**Description**

**Observation**

lib/y2_installbase.pm::select_specific_patterns_by_iteration needs to be fixed

**Reproducible**

- Gives false negatives since unknown time
- Fails since Build 154.1
- Some affected scenarios
  - sle-15-SP3-Online-x86_64-Build156.3-create_hdd_pcm_aws@64bit
  - latest
  - sle-15-SP3-Online-x86_64-Build156.3-xen@64bit
  - latest

**Related issues:**

Related to openQA Tests - action #89632: [opensuse][qe-core] test fails in se... Workable

**History**

#1 - 2021-03-02 09:58 - tjyrinki_suse
- Priority changed from Normal to Urgent
- Start date deleted (2021-03-02)

#2 - 2021-03-03 12:36 - punkioudi
- Assignee set to punkioudi

#3 - 2021-03-04 09:13 - tjyrinki_suse
- Status changed from New to Workable
- Priority changed from Urgent to High
- Target version set to Ready

#4 - 2021-03-04 09:15 - tjyrinki_suse
- Target version changed from Ready to QE-Core: Ready

#5 - 2021-03-09 09:22 - punkioudi
- % Done changed from 0 to 50

PR: https://gitlab.suse.de/openqa/os-autoinst-needles-sles/-/merge_requests/1512

For these cases, no need of modifying the select_specific_patterns_by_iteration function. It is a matter of re-needling.

#6 - 2021-03-09 11:57 - SLindoMansilla
- Has duplicate action #89632: [opensuse][qe-core] test fails in select_packages in package-dependency test suite added

#7 - 2021-03-09 12:00 - SLindoMansilla
- Has duplicate deleted (action #89632: [opensuse][qe-core] test fails in select_packages in package-dependency test suite)

#8 - 2021-03-09 12:01 - SLindoMansilla
- Related to action #89632: [opensuse][qe-core] test fails in select_packages in package-dependency test suite added

#9 - 2021-03-11 16:07 - punkioudi
New round of re-needling here: https://gitlab.suse.de/openqa/os-autoinst-needles-sles/-/merge_requests/1514

#10 - 2021-03-11 17:30 - SLindoMansilla
For future references, we need to avoid these false negatives: https://openqa.suse.de/tests/5642237#step/select_patterns/13

#11 - 2021-03-11 17:49 - SLindoMansilla
Here is another case:

- now you see me: https://openqa.suse.de/tests/5645754#step/select_patterns/76 (X Window System unselected: good)
- now you don't: https://openqa.suse.de/tests/5645754#step/select_patterns/80 (X Window System selected back: bad)
- So, we get IceWM instead of textmode: https://openqa.suse.de/tests/5645754#step/first_boot/3

And assert_screen times out

#12 - 2021-03-11 17:54 - punkioudi
Hm, the tricky thing here is how to overcome these false negatives, especially on this test that for different cases we have different needles etc etc. Probably we could consider opening a ticket for re-writing the module or something

#13 - 2021-03-11 18:23 - SLindoMansilla
punkioudi wrote:

Hm, the tricky thing here is how to overcome these false negatives, especially on this test that for different cases we have different needles etc etc. Probably we could consider opening a ticket for re-writing the module or something

I expected this ticket to be that ticket for fixing (re-writing) sub select_specific_patterns_by_iteration.

#14 - 2021-03-11 18:59 - SLindoMansilla
You will love this one :)

Command not found: https://openqa.suse.de/tests/5651879#step/validate_pcm_aws/2
Because the qcow2 image doesn't contain AWS pattern: https://openqa.suse.de/tests/5651878#step/select_patterns/11

#15 - 2021-03-12 10:04 - punkioudi
- Assignee deleted (punkioudi)

Unassigning myself, as there is already another team working on the topic

#16 - 2021-03-12 12:15 - coolo
https://github.com/os-autoinst/os-autoinst/pull/1633 should make needling more reliable - but I can't say if this will be accepted and when it can be deployed.

#17 - 2021-03-12 16:11 - okurz
We would appreciate more testing before throwing that onto production so for example QE-Core and QE-Y can try out some specific test scenarios and at best already provide new necessary needles before we accept that change

#18 - 2021-03-15 10:01 - okurz
Reported https://bugzilla.suse.com/show_bug.cgi?id=1183519 about the bad contrast specific to recent SLE branding changes.

#19 - 2021-03-15 10:58 - szarate
- Status changed from Workable to Blocked
- Target version deleted (QE-Core: Ready)

#20 - 2021-03-15 14:17 - pcervinka
I think select_patterns issue impacts also create_hdd_minimal_base+sdk. Job didn't fail, but for some reason many patterns were selected
pcervinka wrote:

I think select_patterns issue impacts also create_hdd_minimal_base+sdk. Job didn't fail, but for some reason many patterns were selected

https://openqa.suse.de/tests/5670487#step/installation_overview/2.

Yes, sadly.

#22 - 2021-03-15 14:38 - SLindoMansilla

FYI: I would be surprised if there is any job that doesn't have problems with select_patterns (false negatives included)

SLindoMansilla wrote:

FYI: I would be surprised if there is any job that doesn't have problems with select_patterns (false negatives included)

Luckily staging jobs do work: https://openqa.suse.de/tests/5659239 But this is coincidence, as we somehow do not select gnome patterns and still boot into text mode.
I've made Release Managers aware of this issue when it was detected there, so they are aware that test doesn't do what it's supposed to.

#24 - 2021-03-30 06:04 - okurz

This is an autogenerated message for openQA integration by the openqa_review script:

This bug is still referenced in a failing openQA test: create_hdd_minimal_base+sdk_withhome
https://openqa.suse.de/tests/5702807

To prevent further reminder comments one of the following options should be followed:

1. The test scenario is fixed by applying the bug fix to the tested product or the test is adjusted
2. The openQA job group is moved to "Released"
3. The label in the openQA scenario is removed