openQA Tests - action #65663

[sles][functional][u][sporadic] test fails in bootloader - lpar is not in "Not activate state"

2020-04-16 09:11 - zluo

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>zluo</td>
</tr>
<tr>
<td>Category:</td>
<td>Bugs in existing tests</td>
</tr>
<tr>
<td>Target version:</td>
<td>Milestone 30</td>
</tr>
<tr>
<td>Difficulty:</td>
<td></td>
</tr>
<tr>
<td>Start date:</td>
<td>2020-04-16</td>
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<tr>
<td>Due date:</td>
<td></td>
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<tr>
<td>% Done:</td>
<td>0%</td>
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<tr>
<td>Estimated time:</td>
<td>42.00 hours</td>
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</tbody>
</table>

Description

Observation

openQA test in scenario sle-15-SP2-Online-ppc64le-textmode@ppc64le-hmc fails in bootloader

Reproducible

Fails since (at least) Build 178.1 (current job)

Expected result

Last good: 176.1 (or more recent)

Further details

Always latest result in this scenario: latest

Suggestions

investigate why this happens sporadic at early stage, timeout issue for pvm-bootmenu?

Related issues:

Related to openQA Tests - action #65963: [sle][functional][u] performance iss... Rejected 2020-04-22

History

#1 - 2020-04-20 09:11 - SLindoMansilla
- Description updated
- Status changed from New to Workable
- Target version set to Milestone 30
- Estimated time set to 42.00 h

#2 - 2020-04-21 06:36 - asmorodskyi
isn't this https://bugzilla.suse.com/show_bug.cgi?id=1169840 ?

#3 - 2020-04-21 08:02 - zluo
no. this is different as no qcow2 image used at all.

I have checked the issue in bug report, actually it was issue with setup on openQA, not a product bug. See my comment there.

#4 - 2020-04-21 13:21 - zluo
- Status changed from Workable to In Progress
- Assignee set to zluo

checking
check later: https://openqa.suse.de/tests/4147606

asmorodskyi wrote:

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asmorodskyi wrote:

zluo wrote:

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No, you can see the installation uses iso and and other installation mentioned in bug report uses qcow2 and tries to boot up.

the issue of this ticket is sporadic, you can see 2 failures of 51 test runs on osd (see above the link).

https://openqa.suse.de/tests/4147606#next_previous shows clearly the sporadic performance issue on workers.

grenache-1:22, grenache-1:26 fails still at bootloader

grenache-1:21 fails at scc_registration

grenache-1:25 fails at welcome

only couple of tests runs could not run successfully. This is configuration issue on grenache then. The better to solve this sporadic issue is reduce the amount of workers. With increase timeout in this case it won't help: SMS is not show up, it fails later at other test modules.

Will open another ticket and assign it to tools team.

- Related to action #65963: [sle][functional][u] performance issue of ppc64le workers on grenache added

since this is a sporadic issue and it seems to be related to workers on grenache (pool#65963), keep it open for further observations.

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

This bug is still referenced in a failing openQA test: textmode@ppc64le-hmc https://openqa.suse.de/tests/4247103

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
The openQA job group is moved to "Released"
The label in the openQA scenario is removed

2. 2020-05-25 08:39 - zluo
the real issue:
shutdow of lpar is not successful and this is not detected by needle match and activating lpar couldn't work because shutdown is still going on.
Checking of activation of lpar is not correct. I found the message about this failure: partition is not in "Not activate state"

see https://openqa.suse.de/tests/4247103#step/bootloader/6

3. 2020-05-27 07:34 - zluo
https://openqa.suse.de/tests/4283842#step/bootloader/8:
the issue can be detected. So the question is still how can we process with it.
If lpar cannot be activated, then this is an setup issue on pvm. I am not sure about why this happens sporadic.
Can it be the case that the number of lpar less than workers?

Subject changed from [sles][functional][u][sporadic] test fails in bootloader - bootmenu doesn't show up to [sles][functional][u][sporadic] test fails in bootloader - partition is not in "Not activate state"

4. 2020-05-27 07:36 - zluo
https://openqa.suse.de/tests/4288970#step/bootloader/8
tried with following changes, add wait time, but this is still not working:

```
sub boot_hmc_pvm {
    my $hmc_machine_name = get_required_var('HMC_MACHINE_NAME');
    my $lpar_id = get_required_var('LPAR_ID');
    my $hmc = select_console 'powerhmc-ssh';
    my $max_wait_time = 6;

    # detach possibly attached terminals - might be left over
    type_string "rmvterm -m $hmc_machine_name --id $lpar_id && echo 'DONE'\n";
    assert_screen 'pvm-vterm-closed';

    # power off the machine if it's still running - and don't give it a 2nd chance
    type_string "chparstate -m $hmc_machine_name -o shutdown --id $lpar_id -w $max_wait_time && echo 'LPAR SUCESSFULY SHUT DOWN'\n";
    assert_screen [qw(pvm-poweroff-successful pvm-poweroff-not-running)], 180;

    # proceed with normal boot if is system already installed, use sms boot for installation
    my $bootmode = get_var('BOOT_HDD_IMAGE') ? "norm" : "sms";
    type_string "chsysstate -r lpar -m $hmc_machine_name -o on -b ${bootmode} --id $lpar_id && echo 'LPAR SUCCESSFULLY BOOTED'\n";
    assert_screen [qw(pvm-poweron-successful lpar-still-activated)], 90;
    # don't wait for it, otherwise we miss the menu
    type_string "mkvterm -m $hmc_machine_name --id $lpar_id\n";
    # skip further preparations if system is already installed
    return if get_var('BOOT_HDD_IMAGE');
    get_into_net_boot;
    prepare_pvm_installation;
}
```

5. 2020-05-28 12:33 - zluo
https://openqa.suse.de/tests/4291915#step/bootloader/5, create a needle for checking lpar-is-running.

https://openqa.suse.de/tests/4291920#step/bootloader/8 create needle lpar-is-down
#21 - 2020-05-29 07:51 - zluo

#22 - 2020-06-08 08:45 - zluo
- Status changed from In Progress to Resolved

https://openqa.suse.de/tests/4322944#step/bootloader/6 resolved now.