

openQA Tests - action #64030

[kernel][ltp]spvm] test fails in boot_ltp - Not finished boot

2020-03-02 07:57 - pcervinka

Status:	Resolved	Start date:	2020-03-02
Priority:	Normal	Due date:	
Assignee:	pcervinka	% Done:	0%
Category:	Bugs in existing tests	Estimated time:	0.00 hour
Target version:	QE Kernel Done		
Difficulty:			
Description			
Observation			
openQA test in scenario sle-15-SP2-Online-ppc64le-ltp_openposix_spvm@ppc64le-spvm fails in boot_ltp			
Test suite description			
Reproducible			
Fails since (at least) Build 148.1 (current job)			
Expected result			
Last good: 146.1 (or more recent)			
Further details			
Always latest result in this scenario: latest			

History

#1 - 2020-03-02 10:06 - pcervinka

```
[2020-02-27T02:03:51.220 CET] [debug] tests/kernel/boot_ltp.pm:36 called testapi::record_info
[2020-02-27T02:03:51.221 CET] [debug] <<< testapi::record_info(title="INFO", output="normal boot or boot with
params", result="ok")
[2020-02-27T02:03:51.222 CET] [debug] tests/kernel/boot_ltp.pm:38 called opensusebasetest::wait_boot -> lib/op
ensusebasetest.pm:980 called opensusebasetest::handle_grub -> lib/opensusebasetest.pm:784 called opensusebaset
est::wait_grub -> lib/opensusebasetest.pm:603 called testapi::assert_screen
.
.
.
.
[2020-02-29T03:42:33.285 CET] [debug] no match: 3.6s, best candidate: linux-login-bsc1055103-20170822 (0.00)
[2020-02-29T03:42:34.287 CET] [debug] no match: 2.6s, best candidate: linux-login-bsc1055103-20170822 (0.00)
[2020-02-29T03:42:35.283 CET] [debug] no match: 1.6s, best candidate: linux-login-bsc1055103-20170822 (0.00)
[2020-02-29T03:42:38.289 CET] [debug] WARNING: check_asserted_screen took 2.12 seconds for 30 candidate needle
s - make your needles more specific
[2020-02-29T03:42:38.289 CET] [debug] no match: 0.6s, best candidate: linux-login-bsc1055103-20170822 (0.00)
[2020-02-29T03:42:40.419 CET] [debug] WARNING: check_asserted_screen took 2.12 seconds for 30 candidate needle
s - make your needles more specific
[2020-02-29T03:42:40.419 CET] [debug] no match: -1.5s, best candidate: linux-login-bsc1055103-20170822 (0.00)
[2020-02-29T03:42:41.197 CET] [debug] >>> testapi::_check_backend_response: match=emergency-mode,emergency-she
ll,linux-login timed out after 500 (assert_screen)
[2020-02-29T03:42:41.468 CET] [debug] no candidate needle with tag(s) 'linux-login, emergency-shell, emergency
-mode' matched
```

#2 - 2020-03-02 10:08 - pcervinka

- Status changed from New to In Progress
- Priority changed from Normal to High

#3 - 2020-03-02 12:39 - pcervinka

Randomly started since 143.1 build, there was added nfs-client to recommends in ltp spec file around that time.

#4 - 2020-03-02 14:16 - pcervinka

Couldn't reproduce locally. It could be related to recently added nfs-client or something else. The first step in troubleshooting is to increase boot time: <https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/9674>

#5 - 2020-03-02 16:20 - pcervinka

PR merged, i will restart spvm jobs.

#6 - 2020-03-03 12:28 - pcervinka

Added TIMEOUT_SCALE=3 to ltp*spvm test suites.

#7 - 2020-03-04 18:40 - pcervinka

Timeout didn't help at all <https://openqa.suse.de/tests/3951013#>.
We will have to add systemctl list-job to problem detection to list jobs in progress to see what is pending during the boot.

#8 - 2020-03-04 18:40 - pcervinka

- Subject changed from *[kernel][ltp]spvm test fails in boot_ltp - NFSD: starting 90-seconds grace period timeout to [kernel][ltp]spvm test fails in boot_ltp - Not finished boot*

#9 - 2020-03-04 19:17 - pcervinka

\$ systemctl list-jobs

JOB UNIT	TYPE	STATE
250 getty.target	start	waiting
109 multi-user.target	start	waiting
265 systemd-update-utmp-runlevel.service	start	waiting
108 graphical.target	start	waiting
256 getty@tty1.service	start	waiting
260 plymouth-quit-wait.service	start	running
251 serial-getty@hvc0.service	start	waiting
259 after-local.service	start	waiting

8 jobs listed.

#10 - 2020-03-06 09:50 - pcervinka

Removed TIMEOUT_SCALE=3 from ltp*spvm test suites, as it doesn't help and makes no sense.

#11 - 2020-03-09 07:11 - pcervinka

- Priority changed from *High* to *Normal*

Very strange, couldn't reproduce in lab again, also it didn't happen in latest run on osd 151.2.

#12 - 2020-03-09 11:06 - pcervinka

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

I noticed during log check that we install X with Gnome, which is not needed. As a result I updated default_kernel_spvm test suite on osd with 'PATTERNS=base,minimal'.

Verification run: http://10.100.12.105/tests/4126#step/installation_overview/25

Let's wait for next build on osd.

#13 - 2020-03-11 08:14 - jlausuch

Looks like your quick fix worked. Latest builds are OK in OSD from 151.2

#14 - 2020-03-13 08:36 - pcervinka

- Status changed from *Feedback* to *Resolved*

Looks good so far. If it happens again, we will start new investigation.

#15 - 2020-04-02 07:30 - metan

- *Target version changed from 445 to 457*

#16 - 2020-10-23 13:42 - pcervinka

- *Target version changed from 457 to QE Kernel Done*