

openQA Tests - action #67120

[functional][y]test fails in zypper_ref while trying to use root-virtio-console.

2020-05-21 12:50 - syrianidou_sofia

Status:	Resolved	Start date:	2020-05-21
Priority:	High	Due date:	2020-06-16
Assignee:	dzedro	% Done:	100%
Category:	Bugs in existing tests	Estimated time:	0.00 hour
Target version:			
Difficulty:			

Description

Observation

Related to this change: <https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/10288>

openQA test in scenario sle-15-SP2-Online-ppc64le-lvm@ppc64le fails in [zypper_ref](#)

[Last good](#) was using root-console, but after

<https://github.com/os-autoinst/os-autoinst-distri-opensuse/commit/4e9cca349646152944d403c221b8322ac6842a72#diff-aff3537aeb29a78d33dc1fc514ab716dR26>

the module is attempting to use virtio console due to

<https://github.com/os-autoinst/os-autoinst-distri-opensuse/blob/master/lib/opensusebasetest.pm#L1098>, but fails. Even though the commit looks like it's 22 days old and last good already had VIRTIO_CONSOLE=1, it didn't use the root-virtio-console.

Last good autoinst.log:

```
[2020-05-16T11:57:49.052 CEST] [debug] ||| starting zypper_ref tests/console/zypper_ref.pm
[2020-05-16T11:57:49.053 CEST] [debug] tests/console/zypper_ref.pm:25 called testapi::select_console
[2020-05-16T11:57:49.053 CEST] [debug] <<< testapi::select_console(testapi_console="root-console")
[2020-05-16T11:57:49.859 CEST] [debug] tests/console/zypper_ref.pm:25 called testapi::select_console -> lib/susedistribution.pm:883 called testapi::assert_screen
[2020-05-16T11:57:49.859 CEST] [debug] <<< testapi::assert_screen(mustmatch="root-console", timeout=30, no_wait=1)
[2020-05-16T11:57:50.025 CEST] [debug] >>> testapi::handle_found_needle: found root-console-top-20200304, similarity 1.00 @ 96/2
[2020-05-16T11:57:50.025 CEST] [debug] tests/console/zypper_ref.pm:26 called utils::zypper_enable_install_dvd -> lib/utils.pm:554 called utils::zypper_call -> lib/utils.pm:509 called testapi::script_run
```

Failed tests:

```
[0m[1;34m[2020-05-21T05:14:21.047 CEST] [debug] ||| starting zypper_ref tests/console/zypper_ref.pm
[0m[2020-05-21T05:14:21.047 CEST] [debug] tests/console/zypper_ref.pm:26 called opensusebasetest::select_serial_terminal -> lib/opensusebasetest.pm:1115 called testapi::select_console
[2020-05-21T05:14:21.047 CEST] [debug] <<< testapi::select_console(testapi_console="root-virtio-terminal")
[2020-05-21T05:14:21.048 CEST] [debug] <<< consoles::virtio_terminal::open_pipe(pipe_prefix="/var/lib/openqa/pool/8/virtio_console")
[33m[2020-05-21T05:14:21.049 CEST] [info] :: consoles::virtio_terminal::open_pipe: Set PIPE_SZ from 1048576 to 1048576
[0m[33m[2020-05-21T05:14:21.049 CEST] [info] :: consoles::virtio_terminal::open_pipe: Set PIPE_SZ from 1048576 to 1048576
[0m[37m[2020-05-21T05:14:21.049 CEST] [debug] activate_console, console: root-virtio-terminal, type: virtio-terminal
[0m[2020-05-21T05:14:21.050 CEST] [debug] tests/console/zypper_ref.pm:26 called opensusebasetest::select_serial_terminal -> lib/opensusebasetest.pm:1115 called testapi::select_console -> lib/susedistribution.pm:746 called serial_terminal::login -> lib/serial_terminal.pm:82 called bmwqemu::log_call
```

```

[2020-05-21T05:14:21.050 CEST] [debug] <<< serial_terminal::login()
[2020-05-21T05:14:21.050 CEST] [debug] tests/console/zypper_ref.pm:26 called opensusebasetest::select_serial_terminal -> lib/opensusebasetest.pm:1115 called testapi::select_console -> lib/susedistribution.pm:746 called serial_terminal::login -> lib/serial_terminal.pm:87 called testapi::wait_serial
[2020-05-21T05:14:21.050 CEST] [debug] <<< testapi::wait_serial(timeout=5, record_output=undef, expect_not_found=0, quiet=1, buffer_size=undef, regexp=qr/login:\s*/ui, no_regexp=0)
[2020-05-21T05:14:21.050 CEST] [debug] <<< consoles::serial_screen::read_until(quiet=1, expect_not_found=0, buffer_size=undef, pattern="(^\s*ui:login:\s*\$)", timeout=5, json_cmd_token="sEJFMwpt", cmd="backend_wait_serial", no_regexp=0, regexp="(^\s*ui:login:\s*\$)", record_output=undef)
[32m[2020-05-21T05:14:26.056 CEST] [debug] >>> testapi::wait_serial: (?^\s*ui:login:\s*\$): fail
[0m[2020-05-21T05:14:26.056 CEST] [debug] tests/console/zypper_ref.pm:26 called opensusebasetest::select_serial_terminal -> lib/opensusebasetest.pm:1115 called testapi::select_console -> lib/susedistribution.pm:746 called serial_terminal::login -> lib/serial_terminal.pm:90 called testapi::type_string
[2020-05-21T05:14:26.056 CEST] [debug] <<< testapi::type_string(text="\n")
[2020-05-21T05:14:26.057 CEST] [debug] <<< consoles::serial_screen::type_string(cmd="backend_type_string", text="\n", json_cmd_token="CJjINXgN")
[2020-05-21T05:14:26.057 CEST] [debug] tests/console/zypper_ref.pm:26 called opensusebasetest::select_serial_terminal -> lib/opensusebasetest.pm:1115 called testapi::select_console -> lib/susedistribution.pm:746 called serial_terminal::login -> lib/serial_terminal.pm:91 called testapi::wait_serial
[2020-05-21T05:14:26.057 CEST] [debug] <<< testapi::wait_serial(regexp=qr/login:\s*/ui, buffer_size=undef, no_regexp=0, quiet=undef, expect_not_found=0, record_output=undef, timeout=90)
[2020-05-21T05:14:26.058 CEST] [debug] <<< consoles::serial_screen::read_until(pattern="(^\s*ui:login:\s*\$)", timeout=90, json_cmd_token="zVPhpMAp", quiet=undef, expect_not_found=0, buffer_size=undef, record_output=undef, regexp="(^\s*ui:login:\s*\$)", cmd="backend_wait_serial", no_regexp=0)
[32m[2020-05-21T05:15:56.106 CEST] [debug] >>> testapi::wait_serial: (?^\s*ui:login:\s*\$): fail
[0m[33m[2020-05-21T05:15:56.106 CEST] [info] :: basetest::runtest: # Test died: Failed to wait for login prompt at /var/lib/openqa/cache/openqa.suse.de/tests/sle/lib/serial_terminal.pm line 91.

```

Further investigation is needed and possibly follow up ticket with tools' team.

Fails since (at least) Build [197.1](#)

Last good: [195.1](#) (or more recent)

Related issues:

Related to openQA Tests - action #67174: [ppc64le][virtio_console] test fails...	Resolved	2020-05-22
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History

#1 - 2020-05-22 11:06 - riafarov

- Due date set to 2020-06-16
- Priority changed from Normal to High

#2 - 2020-05-22 11:09 - riafarov

- Description updated

#3 - 2020-05-22 11:14 - dzedro

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

#4 - 2020-05-22 11:20 - riafarov

- Related to action #67174: [ppc64le][virtio_console] test fails in zypper_ref added

#5 - 2020-05-25 07:26 - dzedro

<https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/10351>

#6 - 2020-05-29 10:56 - dzedro

- Status changed from In Progress to Resolved
- % Done changed from 0 to 100

