



- Status changed from In Progress to Resolved

- % Done changed from 0 to 100

As not possible to remove, but only to workaround, just improved comment why console=tty is needed:

<https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/3009>

If kernel messages bring instability to the tests, we need to implement workaround, as of now - resolve.

#### #4 - 2017-06-08 11:41 - riafarov

- Subject changed from Remove "console=tty" from tests to Remove "console=tty" boot option for installed system

- Status changed from Resolved to In Progress

As our research has shown, we cannot simply remove console=tty option from installation boot option, which leads to kernel messages get printed in active tty and interfere with tests execution (especially yast ncurses). After short discussion we've decided to introduce additional step to remove console=tty from boot options in the end of installation, as reboot is required to make it work.

To be checked if can apply new boot options on runtime, then we can introduce to consoletest\_setup test suite, where it belongs logically.

#### #5 - 2017-06-09 16:16 - riafarov

Unfortunately modifying boot option in the end of installation is not possible, as /etc/default/grub is not yet created.

So, either have to modify boot options as a step during installation, or do this on installed system, nevertheless reboot is required.

Modification of syslog didn't help, as /dev/console is not really used there.

Question is still open how to do this. With syslog we are able to redirect all messages to serial device by adding . -/dev/ttyS0 or kern.\* /dev/ttyS0

Another major point: <https://openqa.suse.de/tests/989670#step/textinfo/1>

Here we got some kernel message, but they cannot be found in serial log attached to the test!

#### #6 - 2017-06-12 12:51 - riafarov

- Status changed from In Progress to Feedback

PR: <https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/3067>

#### #7 - 2017-06-12 14:39 - riafarov

- Assignee changed from riafarov to okurz

After discussion was decided to leave current behavior as it is, with assumption that for every kernel message which disrupts test has to be filed as a bug and processed individually.

Another thing which we may improve is to provide more information about the failure by possibly collecting more logs. Workarounds mentioned in the bugzilla ticket are valid and may be used by customers to resolve the issue of kernel messages flood in case systemd is running.

Another issue which remains is inconsistency in "console" boot parameter behavior for installation and installed system. As well as user not getting notifications in case of kernel messages while on x11 session.

TBD: what we want to do here.

Good example here: <https://openqa.opensuse.org/tests/419586#step/seahorse/8> here btrfs spitted info messages:

[ 202.773864] BTRFS info (device vda2): qgroup scan completed (inconsistency flag cleared)

#### #8 - 2017-06-16 13:24 - riafarov

- Related to action #17956: [sles][functional] test fails in command\_not\_found added

#### #9 - 2017-06-16 13:27 - riafarov

[https://bugzilla.suse.com/show\\_bug.cgi?id=1007813](https://bugzilla.suse.com/show_bug.cgi?id=1007813) this bug affects many tests. TBD if we want to make a workaround for this particular known issue.

#### #10 - 2017-07-26 14:16 - okurz

We can confirm the original issue also when testing locally and with default kernel cmdline parameters so it is not an openQA specific issue.

Discussed with riafarov:

- try to lower default kernel log messages ourselves by identifying the package which owns the file with `rpm -qf <filename>` and fix it e.g. by SR on the IBS/OBS package or upstream patch (e.g. github PR)
  - elaborate which level for which group -> [riafarov](#)
- add an openQA test to show the error explicitly, see [https://bugzilla.suse.com/show\\_bug.cgi?id=1011815#c34](https://bugzilla.suse.com/show_bug.cgi?id=1011815#c34). The test flow can be as follows:

```
select_console('root-console');
script_run('dev=$(ls /sys/class/net | head -n1); sleep 3 && ip link set $dev down && ip link set $dev up &', 0
);
select_console('root-console');
script_sudo('yast2', 0);
assert_screen('yast2-ncurses-complete-menu');
send_key 'alt-q';
```

and have a "workaround" needle covering the console message popping up with "NIC Link is Down".

But first I should crosscheck with settings "splash=silent quiet" on grub.

EDIT: Ok, I was wrong. The above does not trigger any messages so "quiet" is enough. Let's check btrfs info messages.

#### #11 - 2017-08-01 18:31 - okurz

- Subject changed from Remove "console=tty" boot option for installed system to Handle console messages covering ncurses dialogs (was: Remove "console=tty" boot option for installed system)

- Description updated

Also see <https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/3344#issuecomment-319284634>

#### #12 - 2017-12-01 23:39 - okurz

- Subject changed from Handle console messages covering ncurses dialogs (was: Remove "console=tty" boot option for installed system) to [functional]Handle console messages covering ncurses dialogs (was: Remove "console=tty" boot option for installed system)

#### #13 - 2017-12-15 11:12 - okurz

- Target version set to Milestone 15

#### #14 - 2018-03-14 07:45 - okurz

- Due date set to 2018-04-24

#### #15 - 2018-04-10 13:46 - okurz

- Status changed from Feedback to Workable

- Assignee deleted (okurz)

So ... we do not remember seeing that issue impacting us in the past 8 months but checking linked bugs we find [https://bugzilla.suse.com/show\\_bug.cgi?id=1011815](https://bugzilla.suse.com/show_bug.cgi?id=1011815) which is full of automatic reminder comments about "the issue" still appearing in tests. *But* apparently this is coming from an openSUSE needle "rescue-mode-emergency-shell-bsc1011815-20170825" created by riafarov with commit ff461296

Author: Rodion lafarov [riafarov@suse.com](mailto:riafarov@suse.com)

Date: Fri Aug 25 12:53:52 2017 +0000

```
rescue-mode-emergency-shell-bsc1011815-20170825 for opensuse-Tumbleweed-DVD-x86_64-Build20170823-extra_test_filesystem@64bit
```

but mgriessmeier, riafarov and me agree that it must be wrong.

next steps:

- Remove needle (or replace by proper not-workaround one)
- Add soft-failure to the modules using "dmesg -n 4" pointing to [https://bugzilla.suse.com/show\\_bug.cgi?id=1011815](https://bugzilla.suse.com/show_bug.cgi?id=1011815)
- Find out why nobody cares, well, we know, because nobody understands what we need to do, this is why we have this progress ticket but at least the upper two steps are a start

#### #16 - 2018-04-11 08:26 - okurz

- Due date deleted (2018-04-24)

- Target version changed from Milestone 15 to Milestone 17

see above next steps but we do not have capacity for this in S15-S17, delaying.

#### #17 - 2018-06-08 09:11 - okurz

- Has duplicate action #36802: [functional][u][sporadic] test fails in consoletest\_setup added

**#18 - 2018-06-10 12:21 - okurz**

- Subject changed from *[functional]Handle console messages covering ncurses dialogs (was: Remove "console=tty" boot option for installed system)* to *[functional][y] Handle console messages covering ncurses dialogs (was: Remove "console=tty" boot option for installed system)*

**#19 - 2018-06-14 13:11 - okurz**

- Due date set to 2018-07-03

**#20 - 2018-06-15 18:52 - okurz**

- Target version changed from Milestone 17 to Milestone 17

**#21 - 2018-06-18 14:36 - riafarov**

- Assignee set to riafarov

**#22 - 2018-06-18 14:47 - riafarov**

Needle removed here: <https://github.com/os-autoinst/os-autoinst-needles-opensuse/pull/386>  
Soft-failures added here: <https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/5248>

**#23 - 2018-06-18 15:05 - riafarov**

- Status changed from Workable to Feedback

**#24 - 2018-06-21 07:15 - JERiveraMoya**

- Estimated time set to 5.00 h

**#25 - 2018-06-21 11:39 - riafarov**

- Status changed from Feedback to Resolved

I believe we can resolve this ticket now and create a new ticket if we want to try some other solution.

**#26 - 2018-06-21 13:58 - okurz**

- Status changed from Resolved to Feedback

Can you state why you think this is resolved? I doubt the mentioned bugs will ever be resolved without our doing and IMHO this is what this ticket is about. Or do we already have the other ticket you mentioned? I am worried by closing this ticket without having a followup we would just rely on our memory when this issue comes up again and it *will* come up again I am sure because the soft-failure reminds in the bug and the job can not turn green as long as the underlying issue(s) are not fixed.

**#27 - 2018-06-28 12:08 - riafarov**

- Status changed from Feedback to Resolved

I don't see any follow up actions here to be honest. We know the way to work the issue around, we record soft-failure, we have removed needle which causes false positives. If you see anything else we can do here, we can continue with this ticket. So feel free to reopen, put follow up actions or create a new ticket.

**#28 - 2018-06-28 12:48 - okurz**

- Description updated
- Due date deleted (2018-07-03)
- Status changed from Resolved to Workable
- Assignee deleted (riafarov)
- Target version changed from Milestone 17 to future

ok, so let's make this more clear what I mean by "acceptance criteria" which I put into the description now. I doubt [https://bugzilla.suse.com/show\\_bug.cgi?id=1011815](https://bugzilla.suse.com/show_bug.cgi?id=1011815) would be resolved without our help so this needs to be ensured first before we can close this ticket here.

**#29 - 2018-07-05 11:46 - oorlov**

- Blocks action #36241: *[qe-core][functional][medium] test fails in NM\_wpa2\_enterprise - shows certificate selection screen where only pull down menu is expected* added

**#30 - 2019-01-31 13:20 - riafarov**

- Status changed from *Workable* to *Resolved*
- Assignee set to *riafarov*

We haven't seen issues recently, and there is a workaround with setting higher log level for kernel messages, so I would resolve this one.

**#31 - 2019-01-31 18:45 - okurz**

- Status changed from *Resolved* to *Workable*

[riafarov](#), again, sorry but as in [#19398#note-28](#) I do not think this is closed. You only mentioned the same as in before.

**#32 - 2019-02-01 10:28 - riafarov**

- Assignee deleted (*riafarov*)

okurz wrote:

[riafarov](#), again, sorry but as in [#19398#note-28](#) I do not think this is closed. You only mentioned the same as in before.

Not really, we have performed many mitigation steps, including `dmesg -n 4` calls. So I don't see what else we should do, as having separate tty for serial output is not a silver bullet. But sure, we can keep it in the backlog. I personally see no related issues in recent runs and therefore no action points.

**#33 - 2019-02-01 11:04 - okurz**

Yes, sure. But please see the AC1 (which I did not change recently)

**#34 - 2020-10-20 15:20 - riafarov**

- Status changed from *Workable* to *Rejected*
- Assignee set to *riafarov*

We seem to solve this problem by filing bugs against services which have unexpected logging level.