openQA Tests - action #55115
[qe-core][functional] test fails in sssd - Test fails switching to serial terminal
2019-08-05 09:59 - szarate

Status: Blocked
Priority: Normal
Assignee:
Category: Bugs in existing tests
Target version: Milestone 31

Description

Observation

Apparently after the dracut test is done, the sssd test cannot be executed.

To support the hypotheses I've triggered an extra test: https://openqa.suse.de/tests/3209687

The log fails like this, theory could be that the wait_boot and/or power_action needs to reconnect to the SUT.

```
# wait_serial expected: qr/({^ui:login:}*$/)

# Result:
Script started, file is /tmp/serial_terminal.txt.GeGU1_eLDCKOBBPU
Connected to domain openQA-SUT-1
Escape character is ^]
error: operation failed: Active console session exists for this domain

CONSOLE_EXIT_GeGU1_eLDCKOBBPU: 1
Script done, file is /tmp/serial_terminal.txt.GeGU1_eLDCKOBBPU
```

openQA test in scenario sle-12-SP5-Server-DVD-s390x-extra_tests_in_textmode@s390x-kvm-sle12 fails in sssd

Suggestions

- Check lib/power_action_utils.pm and see if by using keep_console helps with the situation for s390
- Consult with PO :) 
- Move dracut to a separate test suite.
- Improve the power_action function to take into account the bakend and keep consoles.
  - Hint from kdump_and_crash: power_action('reboot', keepconsole => is_spvm);

Reproducible

Fails since (at least) Build 0170

Further details

Always latest result in this scenario: latest

Related Issues:

- Related to openQA Tests - action #47123: [functional][u][tw] extra_tests_in_t...
- Related to openQA Tests - action #57215: [functional][u] test fails in sssd ...
- Related to openQA Tests - action #57281: [sle][Migration][SLE15SP2] test fail...
- Related to openQA Tests - action #89479: [qe-core] test fails in sssd - Fix s...
- Has duplicate openQA Tests - action #54956: [sle][functional][u] test fails i...

History

#1 - 2019-08-05 12:19 - szarate

2021-05-21
- Description updated
- Status changed from New to Workable

#2 - 2019-08-05 12:37 - szarate
- Has duplicate action #54956: [sle][functional][u] test fails in dracut - reboot failed added

#3 - 2019-08-06 08:35 - zluo
- Status changed from Workable to In Progress
- Assignee set to zluo

take over

#4 - 2019-08-06 14:52 - zluo
after reboot I add reconnect_mgmt_console, but it is still not working yet: http://f40.suse.de/tests/4887

use base 'opensusebasetest';
use testapi;
use utils;
use strict;
use warnings;
use power_action_utils 'power_action';
use Util::Backends 'is_remote_backend';
sub run 
  my ($self) = @_;$self->select_serial_terminal;
assert_script_run("rpm -q dracut");
validate_script_output("lsinitrd", sub { m/Image:(.*
)+( ?)Version: dracut(-|\d+|\d+)(\n( ?))+( ?)Argu
ments(.\n)+(? )dracut modules:(\w+|-|d+)+/(\n|-)+\s+\d+ root\s+root(.\n)+(? )\=/
});
validate_script_output("dracut -f 2>&1", sub { m/.*Executing: /usr/bin/dracut -f
|\b(?:Skipping|Including|Creating image|Creating initramfs)\b/ }, 180);
validate_script_output("dracut --list-modules 2>&1", sub { m/.*Executing: /usr/bin/dracut --list-modules\n( \w+|\n|-)+/ });
power_action('reboot', textmode => 1);
reconnect_mgmt_console(timeout => 400) if is_remote_backend;
$self->wait_boot;
1;

#6 - 2019-08-07 07:52 - pcervinka
Already faced this situation in https://progress.opensuse.org/issues/54578. It has no easy solution, reconnect_mgmt_console will not help, using virsh console with force will not help too.

Another note related to dracut tests. Reboot in dracut was causing issues in the past and for this case was created extra_tests_dracut to keep it separate from other tests. See https://progress.opensuse.org/issues/47123. I suggest to run extra_tests_dracut in functional group as solo test.

#7 - 2019-08-07 07:52 - pcervinka
- Related to action #47123: [functional][u][tw] extra_tests_in_textmode fails in zbar added

#10 - 2019-08-07 08:09 - zluo
since we have problem with reconnect_mgmt_console (see #46394), I think atm we cannot fix the issue directly on remote_backend.

option could be to move dracut out from extra_test, untill the issue #46394 got resolved.

See example:
http://f40.suse.de/tests/4888

#11 - 2019-08-07 08:45 - zluo
PR created: https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/8138

I will create a job dracut test extra for remote backend later.

#12 - 2019-08-07 10:01 - zluo
remove dracut test from extra test and dracut test now got scheduled seperately on osd.
verified on osd that dracut is not in extra test anymore, and dracut got scheduled separately:
http://openqa.suse.de/tests/3225363

Let's set it back to workable, and groom further later.

set as normal for now.

discuss again in grooming

kdump_and_crash is also rebooting but it is not failing because it is using:

power_action('reboot', keepconsole => is_spvm);

We should use keepconsole parameter of function power_action in dracut test module.

I think we still have the issue: https://bugzilla.suse.com/show_bug.cgi?id=1151373
so this is blocked atm.

#26 - 2020-04-02 08:44 - zluo
see https://bugzilla.suse.com/show_bug.cgi?id=1162473 for PackageHub issue.

#27 - 2020-04-02 08:51 - zluo
- Status changed from Workable to Blocked

https://openqa.suse.de/tests/overview?arch=&machine=&modules=sssd&distri=sle&version=15-SP2&build=168.1&groupid=110#
aarch64, ppc64le, x86_64 are failed atm because the product issue above, s390x is not scheduled at all.

#29 - 2020-11-06 09:47 - tjyrinki_suse
- Subject changed from [functional][u] test fails in sssd - Test fails switching to serial terminal to [qe-core][functional] test fails in sssd - Test fails switching to serial terminal

#30 - 2021-03-04 11:05 - tjyrinki_suse
- Related to action #89479: [qe-core] test fails in sssd - Fix sssd testing with openldap, remove use of python-pam added