openQA Tests - action #63346
[tools][sporadic] false-positive match on "screenlock-xscreensaver-20180821" when instead a console prompt is shown
2020-02-10 17:34 - okurz

Status: Resolved  Start date: 2020-02-10
Priority: High  Due date: 
Assignee: okurz  % Done: 0%
Category: Bugs in existing tests  Estimated time: 42.00 hours
Target version: Milestone 30  Difficulty: 

Description

Observation

openQA test in scenario opensuse-Tumbleweed-NET-x86_64-zdup_tw2tnext_gnome@64bit fails in updates_packagekit_gpk as a consequence of false-match on "screenlock-xscreensaver-20180821".

Tasks

- The previous module uses the root console. updates_packagekit_gpk is not able to switch to x11/Wayland session (x11 console). select_console 'x11', await_console => 0;

Suggestion

- Try an scenario that just boots to desktop and tries to select all the console in a loop several times (100?) so that we are able to reproduce the issue and improve the console switching.

Reproducible

Often, not always, different scenarios.

Expected result

There should be no match of "screenlock-xscreensaver" on a terminal screen.

Suggestions

- Make needle more strict, e.g. increase match level or reduce size of matching boxes
- Crosscheck where needle is used, e.g. using openqa.opensuse.org/admin/needles

Further details

Always latest result in this scenario: latest

Related issues:
- Related to openQA Tests - action #48899: [opensuse] kdelive/upgrade: does not... Resolved 2019-03-08
- Related to openQA Tests - action #63613: [opensuse][functionality][u] test fa... Rejected 2020-02-19
- Blocks openQA Tests - action #63670: [functional][u] test fails in x11 - blac... Resolved 2020-02-20

History

#1 - 2020-02-10 17:35 - okurz
- Related to action #48899: [opensuse] kdelive/upgrade: does not handle package notifications added

#2 - 2020-02-17 10:18 - SLindoMansilla
- Description updated
- Status changed from New to Workable
- Target version set to Milestone 30
- Estimated time set to 42.00 h

#3 - 2020-02-17 10:21 - SLindoMansilla
- Description updated

#4 - 2020-02-19 10:47 - zluo
- Status changed from Workable to In Progress
- Assignee set to zluo

take over

#5 - 2020-02-19 13:28 - zluo
screenlock-xscreensaver-20180821.json has 2 tags:

```
"tags": [
  "screenlock",
  "blackscreen"
],
```
I think, select_console 'x11' doesn't work because of poor performance.

#6 - 2020-02-19 13:31 - zluo
and there is no logs available so we can not check for possible X-server crash.

but we have: https://openqa.opensuse.org/tests/1151806#step/update-packagekit_gpk/172

Please, file a bug(s) with expected error. Details:

#7 - 2020-02-19 13:36 - zluo
We need logs anyway, the question is why no logs got uploaded to server? I can not exclude a crash atm.

#8 - 2020-02-19 13:41 - zluo
https://bugzilla.opensuse.org/show_bug.cgi?id=1164311

#9 - 2020-02-19 14:36 - zluo
sub ensure_unlocked_desktop {
    my $counter = 10;
    while ($counter--)
        { assert_screen [qw(displaymanager displaymanager-password-prompt generic-desktop screenlock screenlock-password authentication-required-user-settings)], no_wait => 1;
          if (match_has_tag 'displaymanager') {
            if (check_var('DESKTOP', 'minimalx')) {
                type_string "$username";
                save_screenshot;
            }
            # Always select user if DM_NEEDS_USERNAME is set
            if (((check_var('DESKTOP', 'gnome') || (is_sle('<15') || is_leap('<15.0'))) && !get_var('DM_NEEDS_USERNAME'))
                { send_key 'ret';
            }
            # On gnome, user may not be selected and using 'ret' is not enough in this case
            else {
                select_user_gnome($username);
            }
        }
    }
    ...
}

select_user_gnome($username) seems to be not working.

#10 - 2020-02-21 20:16 - okurz
- Assignee changed from zluo to okurz
It seems you have missed to read the complete description of my ticket and got confused a bit. I thought the description would already describe enough. As you requested I have now also commented in https://bugzilla.opensuse.org/show_bug.cgi?id=1164311#c12. I now deleted the needle causing false-positive matches myself with https://github.com/os-autoinst/os-autoinst-needles-opensuse/pull/646.

- zdup_tw2twnext_gnome@64bit
- gnome-ext4@aarch64 failed in consoletest_finish very similar to how it did in before: https://openqa.opensuse.org/tests/1181314#step/consoletest_finish/29 but without the delayed step of false-positive matches.
- gnome@ppc64le ok
- upgrade_Leap_15.1 gnome@aarch64 ok (fails in known display distortion bugs)
- create_hdd_gnome-x11@aarch64 failed due to previously the "guest disabled screen" mistaken as screenlock. I have created a new needle screenlock-gnome-aarch64-guest_disabled_display-20200221 which I don't consider entirely correct but I'm not sure if adding yet another tag in the routine that already looks for many alternatives is better. Retriggered as https://openqa.opensuse.org/tests/1182789 ok (fails in known display distortion bugs)

#11 - 2020-02-21 20:22 - okurz
- Related to action #63613: [opensuse][functionality][u] test fails in updates_packagekit_gpk - no logs are available added

#12 - 2020-02-21 21:07 - okurz
- Blocks action #63670: [functional][u] test fails in x11 - black screen added

#13 - 2020-02-22 18:27 - okurz
- Subject changed from [functional][u][sporadic] false-positive match on "screenlock-xscreensaver-20180821" when instead a console prompt is shown to [tools][sporadic] false-positive match on "screenlock-xscreensaver-20180821" when instead a console prompt is shown
- Status changed from In Progress to Resolved

as reported above with test results false-positive matches have been prevented. With this I see the ticket as successfully resolved.