

openQA Project - action #10534

wait_serial fails to match special string in serial console occasionally

2016-02-02 08:42 - jtzhao

| | | | |
|--|------------------|------------------------|-------------------|
| Status: | Resolved | Start date: | 2016-02-02 |
| Priority: | Normal | Due date: | |
| Assignee: | | % Done: | 0% |
| Category: | Feature requests | Estimated time: | 0.00 hour |
| Target version: | | | |
| Difficulty: | | | |
| Description | | | |
| A test died because wait_serial function failed to match anything in serial console using regex 'curl-0': http://147.2.207.97/tests/694/file/autoinst-log.txt | | | |
| But according to serial console log, the string "curl-0" did exist(the last line): http://147.2.207.97/tests/694/file/serial0.txt | | | |
| Related issues: | | | |
| Related to openQA Project - action #23404: Serial output gets lost | | Resolved | 2017-08-16 |

History

#1 - 2016-02-03 09:56 - okurz

From the logfiles it looks like you are running type_string and wait_serial manually. It might be (I don't know if this makes sense) that the type_string output shows up in the "serial console output" but wait_serial can not catch it. Did you try "assert_script_run" instead? From the logs it gives many warnings so your machine might be really slow and therefore having timing issues.

#2 - 2016-02-03 09:58 - okurz

Also take a look at <https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/1006/files> how tests can be improved

#3 - 2016-02-03 10:03 - jtzhao

Thanks for replying. Actually I ran "script_output" instead of running wait_serial manually. That's why I think it's a test api issue.

Below is how I used "script_output" in my test case:

```
my $timeout = 3600 * 9;
my $interval = 120;
my $cmd = "[[ -f /var/log/qaset/control/DONE ]] && echo 'done' || echo 'running'";
while ($timeout >= 0) {
    my $output = script_output($cmd, 120);
    $output =~ s/^\s+|\s+$//g;
    if ($output eq "done") {
        last;
    }
    else {
        $timeout -= $interval;
        sleep($interval);
    }
}
```

#4 - 2016-02-03 10:34 - okurz

hm, this looks ok. Yes, probably a testapi issue.

#5 - 2016-02-03 11:07 - oholecek

It seems to me that curl is too slow for some reason. In the log wait_serial reports fail before Mojo logs for download are displayed. Try to use 'type_string' instead of 'script_output' like (not tested):

```
my $timeout = 3600 * 9;
my $interval = 120;
my $cmd = "[[ -f /var/log/qaset/control/DONE ]] && echo 'done'\n";
while ($timeout >= 0) {
    type_string($cmd);
    last if wait_serial('done', $interval);
}
```

```
    $timeout -= $interval;  
}
```

Btw. \$timeout 9hours is way too much for openQA. It will kill the job after 2h.

#6 - 2016-02-05 07:50 - coolo

script_output has to work still. But I never seen such a problem.

#7 - 2016-02-14 09:11 - jtzhao

I've replaced "script_output" with "type_string" and "wait_serial". So far so good. Thanks for your suggestion.

oholecek wrote:

It seems to me that curl is too slow for some reason. In the log wait_serial reports fail before Mojo logs for download are displayed. Try to use 'type_string' instead of 'script_output' like (not tested):
Btw. \$timeout 9hours is way too much for openQA. It will kill the job after 2h.

#8 - 2016-09-14 11:32 - okurz

- Status changed from New to Resolved

according to the latest comment this seems to be fine. Also I don't recall any symptoms like the ones described here unless for very specific cases, e.g. s390x. reopen if you think it's still happening.

#9 - 2017-08-16 13:01 - okurz

- Related to action #23404: Serial output gets lost added

#10 - 2017-09-30 06:34 - szarate

- Related to action #25620: [sle][functional][tools][svirt-hyperv-uefi] test fails in install_and_reboot with no wait_serial output whatsoever added

#11 - 2017-09-30 06:34 - szarate

- Related to deleted (action #25620: [sle][functional][tools][svirt-hyperv-uefi] test fails in install_and_reboot with no wait_serial output whatsoever)