openQA Tests - action #46919

[functional][u][svirt][sporadic] auto_review:"IO::Socket::INET: connect: Connection timed out"

2019-01-31 12:34 - okurz

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### Status

**Rejected**

### Start date

2018-12-01

### Priority

Normal

### Assignee

szarate

### Category

Infrastructure

### Target version

Milestone 30

### Difficulty

hard

### Description

**Observation**

[https://openqa.suse.de/tests/2426419/file/autoinst-log.txt](https://openqa.suse.de/tests/2426419/file/autoinst-log.txt) is incomplete. I see first that the connection timed out as well as the "Use of uninitialized value"

- **2019-01-31T13:22:41.310 CET** [debug] Backend process died, backend errors are reported below in the following lines:

```plaintext
Error connecting to host <10.161.145.30>: IO::Socket::INET: connect: Connection timed out
Use of uninitialized value $libvirt_connector in concatenation (.) or string at /usr/lib/os-autoinst/backend/svirt.pm line 80.
```

### Reproducible

Sporadic

### Expected result

- Host connection time out should not cause an incomplete

### Further details

Always latest result in this scenario: [latest](https://openqa.suse.de/tests/2426419/file/autoinst-log.txt)

### Related issues

- Related to openQA Tests - action #46964: [functional][u][s390x] test fails in... Resolved 2019-02-01
- Related to openQA Project - action #46967: [functional][u][tools] warning in ... Resolved 2019-02-01
- Related to openQA Project - action #44579: [functional][u][svirt] wait_serial... Rejected 2018-11-30
- Related to openQA Tests - action #50765: [sle][functional][u] test fails in b... Resolved 2019-04-25
- Related to openQA Project - action #49961: Prevent svirt backend to hang on v... Rejected 2019-04-03
- Follows openQA Tests - action #44594: [functional][u][svirt] "Use of uninitialized value $libvirt_connector in concatenation (.) or string at /usr/lib/os-autoinst/backend/svirt.pm line 80."
- Copied to openQA Tests - action #48059: [functional][u][svirt] "Use of uninitialized value $libvirt_connector in concatenation (.) or string at /usr/lib/os-autoinst/backend/svirt.pm line 80."

### History

#### #1 - 2019-02-01 10:22 - okurz

- Related to action #46964: [functional][u][s390x] test fails in the middle of execution (not installation) as incomplete with "half-open socket?" – connection to machine vanished? added

#### #2 - 2019-02-13 17:00 - szarate

- Description updated

Perl warnings are fixed by: [https://github.com/os-autoinst/os-autoinst/pull/1099](https://github.com/os-autoinst/os-autoinst/pull/1099)

#### #3 - 2019-02-13 17:26 - szarate

- Subject changed from [functional][u][s390x] "Connection timed out" and "Use of uninitialized value" to [functional][u][svirt] "Connection timed out"
There's the same error for openqaw5-xen.qa.suse.de. Suggestion is to try to ensure that the code handles properly the authentication via fallbacks (if supported by the current version) and on top of that, actually wait if the authentication is not possible.

- [https://github.com/foursixnine/os-autoinst/commit/27eb30a329a86e3fe7ec8ba1ec1ab5d165e5fb0](https://github.com/foursixnine/os-autoinst/commit/27eb30a329a86e3fe7ec8ba1ec1ab5d165e5fb0)

Will try this tomorrow in combination with my current in progress ticket (Since is svirt too)

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**#5 - 2019-02-13 17:36 - szarate**

- Follows action #44594: [functional][u] test fails in sysstat - regular expression for pidstat test is incorrect added

**#6 - 2019-02-17 14:30 - okurz**

- Subject changed from [functional][u][svirt] "Connection timed out" to [functional][u][svirt] "Connection timed out" (was: ... "Use of uninitialized value")

observed in [https://openqa.suse.de/tests/2454567/file/autoinst-log.txt](https://openqa.suse.de/tests/2454567/file/autoinst-log.txt) now

adjusted subject to mention the uninitialized variable again to make it easier to discover.

**#7 - 2019-02-18 12:26 - szarate**

- Subject changed from [functional][u][svirt] "Connection timed out" (was: ... "Use of uninitialized value") to [functional][u][svirt] "Connection timed out"

Could you create a separate ticket for the uninitialized values?, in any case: [https://github.com/os-autoinst/os-autoinst/pull/1105](https://github.com/os-autoinst/os-autoinst/pull/1105) and [https://github.com/os-autoinst/os-autoinst/pull/1099](https://github.com/os-autoinst/os-autoinst/pull/1099) took care of those, We'd see the changes in the next deploy.

**#8 - 2019-02-18 13:39 - okurz**

- Copied to action #48059: [functional][u][svirt] "Use of uninitialized value" added

**#9 - 2019-02-19 15:14 - szarate**

- Related to action #46967: [functional][u][tools] warning in bootloader_zkvm: Calling Net::SSH2::Channel::readline in non-blocking mode is usually a programming error added

**#10 - 2019-02-19 15:22 - szarate**

- Status changed from Workable to In Progress
- Assignee set to szarate
- Target version changed from Milestone 24 to Milestone 23

Picking this one... there are some improvements that could be done far beyond #4

**#11 - 2019-02-21 14:06 - szarate**

Ok for the time being, filed: [https://bugzilla.opensuse.org/show_bug.cgi?id=1126292](https://bugzilla.opensuse.org/show_bug.cgi?id=1126292)

currently I'm at: [http://phobos.suse.de/tests/1747295/file/autoinst-log.txt](http://phobos.suse.de/tests/1747295/file/autoinst-log.txt)

- read 0 total
  [2019-02-20T09:26:35.974 CET] [debug] Command's stderr:
  error: Failed to start domain openQA-SUT-1
  error: internal error: Failed to load module '/usr/lib64/libvirt/storage-file/libvirt_storage_file_fs.so': /usr/lib64/libvirt.so.0: version 'LIBVIRT_PRIVATE_5.0.0' not found (required by /usr/lib64/libvirt/storage-file/libvirt_storage_file_fs.so)

Which is why I've reported the bug, so will install leap 15.1 on my laptop and set that one up as virtsh host and try from there: [https://github.com/foursixnine/os-autoinst/commits/wait-for-it](https://github.com/foursixnine/os-autoinst/commits/wait-for-it)

**#12 - 2019-02-26 09:38 - szarate**

- Related to action #44579: [functional][u][svirt] wait_serial call timed out while the SUT was still alive added

**#13 - 2019-02-26 10:14 - szarate**

Currently enabling openSUSE Leap 15.1. However repo is not yet published...

**#14 - 2019-03-05 10:45 - okurz**
https://download.opensuse.org/repositories/devel:/openQA/openSUSE_Leap_15.1/ is there now.

szarate is this still "In Progress"? Any look with the setup of svirt workers on your notebook? What do you consider as next step?

#15 - 2019-03-19 09:12 - szarate
For the time being, i had some problems with my local svirt setup, which I haven't quite figured out yet, since according to mkittler's docs, it should be pretty straightforward to use the qemu backend... however, in the meantime, I've added a PoC to support ssh based auth on the backend itself, and I'm currently looking on how to add it to the ssh consoles, so that the jump host, doesn't ask for a password anymore.

To answer okurz's question:

Once the ssh auth is done, increase the connection timeout of the SSH connection, as that's the symptom that we're trying to fix here, since from time to time when there's huge load on the network we see this problems.

#16 - 2019-03-22 09:07 - szarate
So, I have a pr open now: https://github.com/os-autoinst/os-autoinst/pull/1131 just for the key authentication part of it... still no luck for the VNC part of it.

As for the timeouts, Matthias... how about suggesting to use mosh instead of ssh for the connections?

#17 - 2019-03-29 09:08 - SLindoMansilla
- Related to action #48434: [functional][u] test Tumbleweed s390x again added

#18 - 2019-03-29 09:12 - SLindoMansilla
- Related to deleted (action #48434: [functional][u] test Tumbleweed s390x again)

#19 - 2019-04-02 07:31 - mgiessmeier
- Target version changed from Milestone 23 to Milestone 24

moving to M24

#20 - 2019-04-03 15:54 - SLindoMansilla
- Subject changed from [functional][u][svirt] "Connection timed out" to [functional][u][svirt][sporadic] "Connection timed out"

#21 - 2019-04-09 12:39 - szarate
- Status changed from In Progress to Workable

https://openqa.suse.de/tests/2790262 Displays something that could be related

2019-04-09T13:25:36.881 CEST] [debug] considering VNC stalled, no update for 4.00 seconds
2019-04-09T13:25:42.886 CEST] [debug] Error connecting to VNC server <openqaw5-xen.qa.suse.de:5903>: IO::Socket::INET: connect: Connection refused
2019-04-09T13:25:44.887 CEST] [debug] Error connecting to VNC server <openqaw5-xen.qa.suse.de:5903>: IO::Socket::INET: connect: Connection refused
2019-04-09T13:25:46.892 CEST] [debug] Backend process died, backend errors are reported below in the following lines:
Error connecting to VNC server <openqaw5-xen.qa.suse.de:5903>: IO::Socket::INET: connect: Connection refused
last frame

PS: Setting to Workable, as I'm not working on this atm

#22 - 2019-04-25 13:45 - szarate
- Related to action #50765: [sle][functional][u] test fails in bootloader - svirt-xen vnc connection refused added
Related to action #49961: Prevent svirt backend to hang on virsh undefine command causing job timeouts/incompletes added

Related to deleted (action #49961: Prevent svirt backend to hang on virsh undefine command causing job timeouts/incompletes)

Blocks action #49961: Prevent svirt backend to hang on virsh undefine command causing job timeouts/incompletes added

Target version changed from Milestone 24 to Milestone 25

Target version changed from Milestone 24 to Milestone 26

Target version changed from Milestone 25 to Milestone 26

Target version changed from Milestone 25 to Milestone 26

Target version changed from Milestone 26 to Milestone 27

Target version changed from Milestone 26 to Milestone 27

Status changed from Workable to Rejected

Target version changed from Milestone 27 to Milestone 28

Status changed from Rejected to New

Difficulty set to hard

https://github.com/os-autoinst/os-autoinst/pull/1262 might help with that by turning an incomplete into a fail. If you encounter this again please check if this is effective. I tried to follow the link to "latest" from description but could not find any useful scenario. Could you please reference failed jobs for reference?

Target version changed from Milestone 28 to Milestone 30

needs to be discussed offline

Subject changed from [functional][u][svirt][sporadic] "Connection timed out" to [functional][u][svirt][sporadic] auto_review:"IO::Socket::INET: connect: Connection timed out"

Blocks deleted (action #49961: Prevent svirt backend to hang on virsh undefine command causing job timeouts/incompletes)

Related to action #49961: Prevent svirt backend to hang on virsh undefine command causing job timeouts/incompletes added

Status changed from New to Rejected

I haven't seen this for a while