

openQA Tests - action #51725

[s390x][kvm] test fails in bootloader_zkvm

2019-05-21 09:08 - osukup

Status:	Resolved	Start date:	2019-05-21
Priority:	Immediate	Due date:	
Assignee:	pvorel	% Done:	30%
Category:	Bugs in existing tests	Estimated time:	0.00 hour
Target version:	QE Kernel Done		
Difficulty:			

Description

Observation

culprit : <https://github.com/os-autoinst/os-autoinst/commit/0c2b93ad018ad2ba6b653a614c194640ca84e55f>

openQA test in scenario sle-15-Installer-DVD-QR-s390x-btrfs@s390x-kvm-sle15 fails in [bootloader_zkvm](#)

Test suite description

Maintainers: okurz

Test installation with explicit selection of btrfs filesystem during installation. Tests installation only.

Reproducible

Fails since (at least) Build [0024](#)

Expected result

Last good: [0023](#) (or more recent)

Further details

Always latest result in this scenario: [latest](#)

History

#1 - 2019-05-21 09:41 - SLindoMansilla

- Subject changed from test fails in bootloader_zkvm to [s390x][kvm] test fails in bootloader_zkvm
- Status changed from New to Workable
- Assignee set to michalnowak
- Priority changed from Normal to Immediate

Hi Michal,

Could you take a look at this?

If this cannot be fixed today, I will need to revert that PR to unblock people working on s390x-kvm while it is fixed.

#2 - 2019-05-21 09:42 - pvorel

Hm, strange, it works well on openqa instance we share with osukup
<http://quasar.suse.cz/tests/2655>

used packages on quasar:

os-autoinst-distri-opensuse-deps-1.1558352460.ea728ae13-12.1.noarch

<http://quasar.suse.cz/tests/2655/file/autoinst-log.txt>

[2019-05-21T11:28:36.562 CEST] [debug] Current version is 4.5.1557827957.ce72694e [interface v14]

qemu-x86-2.11.2-9.25.1.x86_64
libvirt-4.0.0-9.19.4.x86_64

Broken version on osd:

<https://openqa.suse.de/tests/2907761/file/autoinst-log.txt>

[2019-05-21T09:02:29.401 CEST] [debug] Current version is 4.5.1557391016.927f3d85 [interface v14]
=> 927f3d85 already has required changes in os-autoinst.

Error on osd:

<https://openqa.suse.de/tests/2907761/file/autoinst-log.txt>

```
error: Failed to define domain from /var/lib/libvirt/images/openQA-SUT-2.xml
error: unsupported configuration: Only the first console can be a serial port
[2019-05-21T09:02:53.159 CEST] [debug] Command executed: 'virsh define /var/lib/libvirt/images/openQA-SUT-2.xml', ret=1
```

I'll dig into logs more, but it'd help me to have access to osd.

#3 - 2019-05-21 09:46 - pvorel

It'd have helped a lot if failing libvirt xml file (/var/lib/libvirt/images/openQA-SUT-2.xml here) was uploaded into assets (or printed to logs) and reported libvirt version (or anything else which can affect it). Too late now, but we should implement it later. At least QEMU reports it's version.

#4 - 2019-05-21 09:58 - pvorel

Error message from libvirt

https://libvirt.org/git/?p=libvirt.git;a=blob:f=src/conf/domain_conf.c:h=a3a514136b58458f290e9a4c3813b83bb800bb07;hb=HEAD#l4507

was added long time ago in v1.0.5-rc1 (2013), I guess it'll be affected by some setup, not libvirt version.

<https://libvirt.org/git/?p=libvirt.git;a=commitdiff:h=482e5f159c24ba8b25b195de92b7266bb2a92820;hp=46becc18ba125d0fbe2b39c054a105fe9c97c5ab>

It'd really help me to see the config /var/lib/libvirt/images/openQA-SUT-2.xml.

#5 - 2019-05-21 11:48 - pvorel

- File *s390zp13.suse.de.openQA-SUT-2.xml* added

- File *s390zp13.suse.de.openQA-SUT-2.dumped.xml* added

Sending configs from s390zp13.suse.de, which is used on my openQA devel machine and it's working (<http://quasar.suse.cz/tests/2655>)

#6 - 2019-05-21 12:59 - pvorel

OK, didn't realize that credentials are available in test assets :).

#7 - 2019-05-21 13:01 - pvorel

- Assignee changed from *MichalNowak* to *pvorel*

- Target version set to 445

#8 - 2019-05-21 13:47 - pvorel

libvirt configuration was tested on s390zp13.suse.de, which has SLES 12-SP3 (libvirt 3.3.0-5.25.1, qemu 2.9.1-6.28.1), but osd runs on s390p7.suse.de, which has SLE 15 (libvirt 4.0.0-9.3.1, qemu 2.11.2-9.9.1). So I need to find config, which will run on both or do different config according to working class (s390-kvm-sle12 vs. s390-kvm-sle15).

#9 - 2019-05-21 13:59 - pvorel

It looks like it's just about correct order of elements:
sclp must be the second:

```
<console type="pty">
  <target port="1"/>
</console>
<console type="pty">
  <target type="sclp" port="0"/>
</console>
```

#10 - 2019-05-21 16:17 - pvorel

PR for debugging (not solving the problem):

<https://github.com/os-autoinst/os-autoinst/pull/1154>

#11 - 2019-05-21 20:51 - pvorel

- Status changed from Workable to In Progress

#12 - 2019-05-22 08:38 - pvorel

pvorel wrote:

It looks like it's just about correct order of elements:
scip must be the second:

```
<console type="pty">
  <target port="1"/>
</console>
<console type="pty">
  <target type="scip" port="0"/>
</console>
```

Actually xml needs to be different, WIP to find correct one for SLE15.

#13 - 2019-05-22 08:38 - pvorel

- % Done changed from 0 to 30

#14 - 2019-05-22 12:01 - SLindoMansilla

- Blocks action #33388: [functional][u][easy][pvm] Implement proper split from other backends added

#15 - 2019-05-23 07:41 - pvorel

As a solution might take more time, we agreed with mgriessmeier, that I'll create a PR for testing repository, which temporarily disables svirt serial backend.

#16 - 2019-05-23 07:51 - pvorel

Fix temporarily reverting it (so we have GMC3 fixed):
<https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/7524>

#17 - 2019-05-23 16:13 - pvorel

Created fix, which enables svirt serial backend.
TL;DR: missing attribute type="virtio" in tag (thus newer libvirt versions taken default type="scip" which is already used).

<https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/7529>

Run quite a lot of tests (see verification run) + much more on <http://quasar.suse.cz/tests>.

Could anyone double check verification run jobs, that my assumptions are correct?
I'd be for merging soon, but you probably prefer to do it after GM.

#18 - 2019-05-29 13:05 - zluo

- Blocks deleted (action #33388: [functional][u][easy][pvm] Implement proper split from other backends)

#19 - 2019-06-12 08:09 - pvorel

- Status changed from In Progress to Resolved

Fixed in this PR <https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/7529>
There are still some issues with install_ltp.pm, but that can be workarounded with SERIAL_CONSOLE=0 settings.

#20 - 2019-06-12 09:37 - jlausuch

- Target version changed from 445 to 457

#21 - 2020-10-23 13:38 - pcervinka

- Target version changed from 457 to QE Kernel Done

Files

s390zp13.suse.de.openQA-SUT-2.xml	813 Bytes	2019-05-21	pvorel
s390zp13.suse.de.openQA-SUT-2.dumped.xml	2.26 KB	2019-05-21	pvorel