

openQA Project - action #96311

qemu error message is still "debug", should be "warn" or more severe size:S

2021-07-29 15:40 - okurz

Status:	Resolved	Start date:	2021-07-29
Priority:	Normal	Due date:	
Assignee:	osukup	% Done:	0%
Category:	Concrete Bugs	Estimated time:	0.00 hour
Target version:	Ready		
Difficulty:			
Description			
See #96272 , https://openqa.opensuse.org/tests/1860795 shows			
<pre>[2021-07-29T11:35:35.119 UTC] [info] ::: backend::baseclass::die_handler: Backend process died, backend errors are reported below in the following lines: QEMU terminated before QMP connection could be established at /usr/lib/os-autoinst/OpenQA/Qemu/Proc.pm line 453. [2021-07-29T11:35:35.120 UTC] [info] ::: OpenQA::Qemu::Proc::save_state: Saving QEMU state to qemu_state.json [2021-07-29T11:35:35.122 UTC] [debug] Passing remaining frames to the video encoder [image2pipe @ 0x55a04934b9c0] Could not find codec parameters for stream 0 (Video: ppm, none): unspecified size Consider increasing the value for the 'analyzeduration' and 'probesize' options Input #0, image2pipe, from 'pipe:': Duration: N/A, bitrate: N/A Stream #0:0: Video: ppm, none, 24 tbr, 24 tbn, 24 tbc Output #0, webm, to '/var/lib/openqa/pool/2/video.webm': Output file #0 does not contain any stream [2021-07-29T11:35:35.130 UTC] [debug] Waiting for video encoder to finalize the video [2021-07-29T11:35:35.130 UTC] [debug] The external video encoder (pid 20283) terminated [2021-07-29T11:35:35.130 UTC] [debug] The built-in video encoder (pid 20284) terminated [2021-07-29T11:35:35.132 UTC] [debug] QEMU: QEMU emulator version 4.2.1 (openSUSE Leap 15.2) [2021-07-29T11:35:35.132 UTC] [debug] QEMU: Copyright (c) 2003-2019 Fabrice Bellard and the QEMU Project developers [2021-07-29T11:35:35.132 UTC] [debug] QEMU: qemu-system-x86_64: Could not find '/usr/sbin/smbd', please install it</pre>			
Suggestion			
<ul style="list-style-type: none">• the last line should be warn since https://github.com/os-autoinst/os-autoinst/pull/1706, maybe https://github.com/os-autoinst/os-autoinst/pull/1727 broke it again?• Check OpenQA/Qemu/Proc.pm, backend/qemu.pm• Investigate why Could not find '/usr/sbin/smbd', please install it doesn't stop qemu - should the job abort?			
Related issues:			
Copied from openQA Infrastructure - action #96272: Test failed incomplete: "R...		Resolved	2021-07-29 2021-11-02

History

#1 - 2021-07-29 15:40 - okurz

- Copied from action #96272: Test failed incomplete: "Reason: backend died: QEMU exited unexpectedly, see log for details" size:M added

#2 - 2021-08-09 09:56 - cdywan

- Subject changed from qemu error message is still "debug", should be "warn" or more severe to qemu error message is still "debug", should be "warn" or more severe size:S

- Description updated

- Status changed from New to Workable

- Priority changed from High to Normal

#3 - 2021-08-09 11:10 - osukup

job with windows VM

```
[debug] starting: /usr/bin/qemu-system-x86_64 -vga qxl -only-migratable -chardev ringbuf,id=serial0,logfile=serial0,logappend=on -serial chardev:serial0 -audiodev none,id=snd0 -device intel-hda -device hda-output,audiodev=snd0 -global isa-fdc.fdtypeA=none -m 2048 -machine q35 -cpu host -netdev user,id=qanet0,smb=/var/lib/openqa/pool/2 -device virtio-net,netdev=qanet0,mac=52:54:00:12:34:56 -device usb-ehci -device usb-tablet -smp 1 -enable-kvm -no-shutdown -vnc :92,share=force-shared -device virtio-serial -chardev pipe,id=virtio_console,path=virtio_console,logfile=virtio_console.log,logappend=on -device virtconsole,chardev=virtio_console,name=org.openqa.console.virtio_console -chardev socket,path=qmp_socket,server,nowait,id=qmp_socket,logfile=qmp_socket.log,logappend=on -qmp chardev:qmp_socket -S -blockdev driver=file,node-name=hd0-overlay0-file,filename=/var/lib/openqa/pool/2/raid/hd0-overlay0.cache.no-flush=on -blockdev driver=qcow2,node-name=hd0-overlay0,file=hd0-overlay0-file,cache.no-flush=on -device virtio-blk,id=hd0-device,drive=hd0-overlay0,bootindex=0,serial=hd0 -drive id=pflash-code-overlay0,if=pflash,file=/var/lib/openqa/pool/2/raid/pflash-code-overlay0,unit=0,readonly=on -drive id=pflash-vars-overlay0,if=pflash,file=/var/lib/openqa/pool/2/raid/pflash-vars-overlay0,unit=1
```

in definition of -netdev user,id=qanet0,smb=/var/lib/openqa/pool/2 is defined samba protocol by QEMU_ENABLE_SMBD=1 in vars.

which makes samba mandatory dep

#4 - 2021-08-09 11:19 - cdywan

osukup wrote:

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Mandatory sounds like this is an error and the job can't run ☐☐☐ During the estimation the assumption was that the job can still finish successfully and it's really a warning, also because qemu seems to continue to run going by the logs

#5 - 2021-08-09 11:34 - osukup

cdywan wrote:

osukup wrote:

in definition of -netdev user,id=qanet0,smb=/var/lib/openqa/pool/2 is defined samba protocol by QEMU_ENABLE_SMBD=1 in vars.

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Mandatory sounds like this is an error and the job can't run ☐☐☐ During the estimation the assumption was that the job can still finish successfully and it's really a warning, also because qemu seems to continue to run going by the logs

yes ,this is little weird ...

from QEMU documentation:

```
smb=dir[,smbserver=addr]
When using the user mode network stack, activate a built-in SMB server so that Windows OSes can access to the host files in dir transparently. The IP address of the SMB server can be set to addr. By default the 4th IP in the guest network is used, i.e. x.x.x.4.
```

In the guest Windows OS, the line:

```
10.0.2.4 smbserver
must be added in the file C:\WINDOWS\LMHOSTS (for windows 9x/Me) or C:\WINNT\SYSTEM32\DRIVERS\ETC\LMHOSTS (Windows NT/2000).
```

Then dir can be accessed in \\smbserver\qemu.

Note that a SAMBA server must be installed on the host OS.

#6 - 2021-08-09 11:42 - osukup

- When I look at history of imagetester:2 worker .. all WSL related jobs failed on same problem .. so probably QEMU has loong timeout for contacting samba server, and then dies

#7 - 2021-08-09 11:46 - osukup

- Assignee set to osukup

#8 - 2021-08-10 13:13 - osukup

- Status changed from Workable to Feedback

For reporting this in 'debug' instead of 'warn' problem isn't in os-autoinst, but worker has old version of os-autoinst installed:

```
os-autoinst> git show 5361bf1c
commit 5361bf1c6c542b41f7dac978ca59e43e267789b0
Merge: 96b32687 75fb10e0
Author: mergify[bot] <37929162+mergify[bot]@users.noreply.github.com>
Date: Mon Jun 21 08:09:14 2021 +0000
```

```
Merge pull request #1697 from okurz/feature/remove_file_content
```

```
Simplify bmwqemu::fileContent and mark as deprecated before removal`
```

but logging changes in PR 1706 and 1727 are from 29.6 and 20.7

#9 - 2021-08-11 14:45 - cdywan

- Blocked by action #96719: recover imagetester with broken filesystem/hardware (was: automatic updates on imagetester don't work and it failed to come up after reboot) added

#10 - 2021-08-16 12:02 - osukup

to be on safe side testes on SUT without samba:

```
[2021-08-16T13:59:16.118 CEST] [debug] running /usr/bin/qemu-img create -f qcow2 -b /var/lib/opensqa/pool/2/windows-10-x86_64-21H1@windows_bios_boot.qcow2 /var/lib/opensqa/pool/2/raid/hd0-overlay0 85899345920
[2021-08-16T13:59:16.394 CEST] [debug] qemu-img: warning: Deprecated use of backing file without explicit backing format (detected format of qcow2)
  Formatting '/var/lib/opensqa/pool/2/raid/hd0-overlay0', fmt=qcow2 cluster_size=65536 extended_l2=off compression_type=zlib size=85899345920 backing_file=/var/lib/opensqa/pool/2/windows-10-x86_64-21H1@windows_bios_boot.qcow2 backing_fmt=qcow2 lazy_refcounts=off refcount_bits=16
[2021-08-16T13:59:16.394 CEST] [debug] init_blockdev_images: Finished creating block devices
[2021-08-16T13:59:16.396 CEST] [debug] starting: /usr/bin/qemu-system-x86_64 -vga qxl -only-migratable -chardev ringbuf,id=serial0,logfile=serial0,logappend=on -serial chardev:serial0 -audiodev none,id=snd0 -device intel-hda -device hda-output,audiodev=snd0 -global isa-fdc.fdtypeA=none -m 2048 -machine q35 -cpu qemu64 -netdev user,id=qanet0,smb=/var/lib/opensqa/pool/2 -device virtio-net,netdev=qanet0,mac=52:54:00:12:34:56 -boot order=c -device usb-ehci -device usb-tablet -smp 1 -enable-kvm -no-shutdown -vnc :92,share=force-shared -device virtio-serial -chardev pipe,id=virtio_console,path=virtio_console,logfile=virtio_console.log,logappend=on -device virtconsole, chardev=virtio_console, name=org.opensqa.console.virtio_console -chardev pipe,id=virtio_console1,path=virtio_console1,logfile=virtio_console1.log,logappend=on -device virtconsole, chardev=virtio_console1, name=org.opensqa.console.virtio_console1 -chardev socket,path=qmp_socket,server,nowait,id=qmp_socket,logfile=qmp_socket.log,logappend=on -qmp chardev=qmp_socket -S -device virtio-scsi-pci,id=scsi0 -blockdev driver=file,node-name=hd0-overlay0-file,filename=/var/lib/opensqa/pool/2/raid/hd0-overlay0,cache.no-flush=on -blockdev driver=qcow2,node-name=hd0-overlay0,file=hd0-overlay0-file,cache.no-flush=on -device virtio-blk,id=hd0-device,drive=hd0-overlay0,bootindex=0,serial=hd0
[2021-08-16T13:59:16.399 CEST] [debug] Waiting for 0 attempts
dmesg: read kernel buffer failed: Operation not permitted
[2021-08-16T13:59:16.641 CEST] [debug] Waiting for 1 attempts
[2021-08-16T13:59:16.642 CEST] [info] ::: backend::baseclass::die_handler: Backend process died, backend errors are reported below in the following lines:
  QEMU terminated before QMP connection could be established. Check for errors below
[2021-08-16T13:59:16.642 CEST] [info] ::: OpenQA::Qemu::Proc::save_state: Saving QEMU state to qemu_state.json
[2021-08-16T13:59:16.643 CEST] [debug] Passing remaining frames to the video encoder
[2021-08-16T13:59:16.682 CEST] [debug] Waiting for video encoder to finalize the video
[2021-08-16T13:59:16.682 CEST] [debug] The built-in video encoder (pid 23538) terminated
[2021-08-16T13:59:16.684 CEST] [debug] QEMU: QEMU emulator version 5.2.0 (SUSE Linux Enterprise 15)
[2021-08-16T13:59:16.684 CEST] [debug] QEMU: Copyright (c) 2003-2020 Fabrice Bellard and the QEMU Project developers
[2021-08-16T13:59:16.684 CEST] [warn] !!! : qemu-system-x86_64: Could not find '/usr/sbin/smbd', please install it
[2021-08-16T13:59:16.685 CEST] [debug] sending magic and exit
```

and qemu was correctly highlighted with warn

#11 - 2021-08-16 13:43 - cdywan

- Blocked by deleted (action #96719: recover imagetester with broken filesystem/hardware (was: automatic updates on imagetester don't work and it failed to come up after reboot))

#12 - 2021-08-16 13:45 - cdywan

- Status changed from Feedback to Resolved

Thank you! As discussed in chat, we can consider this resolved then. I was assuming it was blocked from an earlier conversation but you demonstrated that this is at best an issue with outdated code now and we have another ticket for fixing imagetester.