

openQA Tests - action #55412

[opensuse] test fails in sshd (cannot read /proc/sys/fs/pipe-max-size)

2019-08-13 05:06 - msmeissn

Status:	Resolved	Start date:	2019-08-13
Priority:	Urgent	Due date:	
Assignee:	okurz	% Done:	0%
Category:	Bugs in existing tests	Estimated time:	0.00 hour
Target version:			
Difficulty:			
Description			
Observation			
openQA test in scenario opensuse-15.0-DVD-Updates-x86_64-gnome@uefi fails in sshd			
Test suite description			
Reproducible			
Fails since (at least) Build 20190810-2			
Expected result			
Last good: 20190810-1 (or more recent)			
Further details			
Always latest result in this scenario: latest			

History

#1 - 2019-08-13 05:06 - msmeissn

problem is here I think:

```
[2019-08-13T04:45:49.342 CEST] [debug] /var/lib/openqa/cache/openqa1-opensuse/tests/opensuse/tests/console/sshd.pm:65 called
opensusebasetest::select_serial_terminal
[2019-08-13T04:45:49.342 CEST] [debug] <<< testapi::select_console(testapi_console='root-virtio-terminal')
[2019-08-13T04:45:49.343 CEST] [debug] <<< consoles::virtio_terminal::open_pipe(pipe_prefix='/var/lib/openqa/pool/12/virtio_console')
[2019-08-13T04:45:49.345 CEST] [debug] Backend process died, backend errors are reported below in the following lines:
Can't open file "/proc/sys/fs/pipe-max-size": Permission denied at /usr/lib/os-autoinst/consoles/virtio_terminal.pm line 144.
```

```
[2019-08-13T04:45:49.345 CEST] [info] :: OpenQA::Qemu::Proc::save_state: Saving QEMU state to qemu_state.json
```

#2 - 2019-08-13 06:57 - okurz

- Status changed from New to In Progress

- Assignee set to okurz

#3 - 2019-08-13 07:02 - okurz

pretty sure it's due to missing adjustments to apparmor due to [gh#os-autoinst/os-autoinst#1182](#) from cfconrad/virtio_terminal_with_tcp

#4 - 2019-08-13 07:20 - okurz

```
for i in power8 aarch64 imagetester openqaworker1 openqaworker4; do echo $i && ssh root@$i "aa-complain /usr/s
hare/openqa/script/worker && systemctl restart openqa-worker.target"; done
```

retriggered incomplete jobs over web UI, monitoring <https://openqa.opensuse.org/tests/1005501>

Afterwards should adjust apparmor profile.

#5 - 2019-08-13 07:51 - okurz

- Status changed from *In Progress* to *Feedback*

<https://openqa.opensuse.org/tests/1005515> is fine, <https://github.com/os-autoinst/openQA/pull/2257> created for apparmor adjustment. After the roll-out of said PR I can enforce the profiles on all workers again.

#6 - 2019-08-13 07:52 - cfconrad

I see. Yes this is my fault.

I think it is enough to allow reading `/proc/sys/fs/pipe-max-size`.

The other thing which comes into my mind could be `mkfifo` <https://github.com/os-autoinst/os-autoinst/blob/master/backend/qemu.pm#L851> but I do not see such message in the logs.

#7 - 2019-08-13 07:57 - cfconrad

I would like to enable apparmor in my test instance.

Is it enough to just start it with `systemctl start apparmor` ?

#8 - 2019-08-13 13:16 - okurz

cfconrad wrote:

The other thing which comes into my mind could be `mkfifo` <https://github.com/os-autoinst/os-autoinst/blob/master/backend/qemu.pm#L851> but I do not see such message in the logs.

yes, me neither. I guess the changes I proposed in the PR are enough.

#9 - 2019-08-13 13:19 - okurz

cfconrad wrote:

I would like to enable apparmor in my test instance.

Is it enough to just start it with `systemctl start apparmor` ?

yes, this should be enough when you have the openQA package installed along with the profiles that should end up in `/etc/apparmor.d/usr.share.openqa.script.openqa` and `/etc/apparmor.d/usr.share.openqa.script.worker`. Take a look into `/var/log/audit/audit.log` for reports from apparmor what it denies. To have a better, complete picture the services should be separated so that a machine (or a container?) runs the worker only along with the worker profile and a different machine for the web UI and other services. I consider `aa-complain <path/to/profile>` and `aa-enforce </path/to/profile>` most helpful to selectively enable/disable profiles along with reports about violations in the aforementioned log file.

#10 - 2019-08-13 16:26 - cfconrad

thanks a lot for that detailed answer!

#11 - 2019-08-15 06:50 - SLindoMansilla

- Subject changed from *test fails in sshd (cannot read /proc/sys/fs/pipe-max-size)* to *[opensuse] test fails in sshd (cannot read /proc/sys/fs/pipe-max-size)*

#12 - 2019-08-15 09:34 - okurz

- Status changed from *Feedback* to *Resolved*

the new packages have been rolled out, the profiles are enforced due to the automatic restart. I deleted the backup files with `for i in power8 aarch64 imagetest openqaworker1 openqaworker4; do echo $i && ssh root@$i "rm -f /etc/apparmor.d/usr.share.openqa.script.worker.rpmsave"; done`