openQA Tests - action #44468

[qe-core][functional][tools] Proper handling of assets for svirt workers

2018-11-28 16:37 - SLindoMansilla

<table>
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<th>Start date:</th>
<th>2018-11-28</th>
</tr>
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<td>Assignee:</td>
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<td>Milestone 30</td>
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Description

Motivation / Observation

Trying to verify a SR to fix the systemd-testsuite, I was blocked because OSD workers and QSF shared workers were malfunctioning.

The problem with QSF shared workers is that the needed qcow2 image was missing:

- sle-15-SP1-s390x-*.textmode@s390x-kvm-sle12.qcow2

Because

- openqa.suse.de:/var/lib/openqa/share/factory

was NFS-mounted into

- s390p8.suse.de:/var/lib/openqa/share/factory

And the image were already cleaned up from openqa.suse.de:/var/lib/openqa/share/factory.

QSF shared-workers (shared-workers.qa.suse.de) have CACHEDIRECTORY configured, but this directory is ignored by the svirt backend. Only some changes in the test code are necessary to take CACHEDIRECTORY into account, but some configuration is needed at infrastructure level.

- shared-workers.qa.suse.de:/var/lib/openqa/cache

needs to be made available from

- s390p8.suse.de:/var/lib/openqa/cache

Acceptance criteria

- **AC:** SUT's host machine on svirt backends (ie. s390p8.suse.de), which have a jump host (ie. shared-workers.qa.suse.de) with configured CACHEDIRECTORY, have available assets from that CACHEDIRECTORY.

Related issues:

- Related to openQA Project - action #32281: Can't locate images in Xen jobs
  - **Resolved** 2018-02-26

- Related to openQA Tests - action #36754: [qe-core][functional][systemd][medium] test fails in systemd_testsuite
  - **Resolved** 2018-06-04

History

#1 - 2018-11-28 16:39 - okurz
- Related to action #32281: Can't locate images in Xen jobs added

#2 - 2018-11-28 17:08 - SLindoMansilla
- Related to action #36754: [qe-core][functional][systemd][medium] test fails in systemd_testsuite - needs further investigation added

#3 - 2018-11-28 17:08 - SLindoMansilla
- Related to deleted (action #36754: [qe-core][functional][systemd][medium] test fails in systemd_testsuite - needs further investigation)
In the attached draft can be seen the current status (black, blue, green) and the expected status (red).

As others are also affected: http://openqa-apac1.suse.de/tests/2417#step/bootloader_zkvm/6

this ticket is gaining priority:

Make a separate PR for the mandatory fix: https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/6320
Merged.
Waiting for mgriessmeier's and nsinger's feedback.

What was done
The already merged fix was to look for assets in the right machine. Before, the test was looking for assets on the worker machine. On OSD it was working because the assets were NFS mounted from the webui across the worker and the SUT's host.

On shared-workers.qa.suse.de we don't have the NFS share mounted, which caused the test to not find the assets.

This is fixed now in this PR: https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/6191

What is still missing?
The worker cache is not propagated to the svirt remote machine, so the assets are missing there.

We need to discuss how to resolve this problem.

My proposal is to NFS-mount the cache directory from the worker into the SUT's host.
After that, some changes in the test code are needed: https://github.com/os-autoinst/os-autoinst-distri-opensuse/pull/6253
As spoken in the grooming meeting, we want to NFS mount the directory from `shared-workers.qa.suse.de:/var/lib/openqa/cache` into `[zVM|zKVM|sKVM|XEN]:/var/lib/openqa/cache`

Mounted on s390p8 - please check if it's working as expected, then I will do the rest.

Tasks

- Look what was done since 8 months regarding NFS on shared-workers
- Refine the ticket in a grooming meeting if more work has to be done

Sergio, do you really plan to work on this ticket?

Also: xen and hyperv are also part of the svirt thing, I guess all this could be unified, as the directories where things are copied, is the same.
Also: xen and hyperv are also part of the svirt thing. I guess all this could be unified, as the directories where things are copied, is the same.

Yes, I "plan" (have the intention) to look into all tickets I have assigned, but I cannot promise any date...
So, if you feel like doing it, please take over. If not, be sure that "some day" I will continue working on this.

#23 - 2020-06-17 20:15 - szarate
- Assignee deleted (SLindoMansilla)
- Priority changed from High to Normal

#24 - 2020-06-17 20:15 - szarate
- Subject changed from [functional][u][labs] Proper handling of assets for svirt workers to [functional][u][tools] Proper handling of assets for svirt workers

#25 - 2020-11-06 10:27 - tjyrinki_suse
- Subject changed from [functional][u][tools] Proper handling of assets for svirt workers to [qe-core][functional][tools] Proper handling of assets for svirt workers

#26 - 2021-03-12 12:40 - SLindoMansilla
- Blocks deleted (action #36754: [qe-core][functional][systemd][medium] test fails in systemd_testsuite - needs further investigation)

#27 - 2021-03-12 12:40 - SLindoMansilla
- Related to action #36754: [qe-core][functional][systemd][medium] test fails in systemd_testsuite - needs further investigation added

Files
photo_2018-11-28_18-36-03.jpg  74 KB  2018-11-28  SLindoMansilla