openQA Tests - action #35038
[qe-core][sle][functional][hyperv] extra tests on hyperv
2018-04-16 14:05 - mloviska

Status: New
Priority: Low
Assignee: szarate
Category: New test
Target version: future

Start date: 2018-04-16
Due date:
% Done: 0%
Estimated time: 0.00 hour

Description

Acceptance criteria

- AC1: extra tests run on hyperv

Further details

Current situation

[2018-04-16T15:27:54.0509 CEST] [debug] CACHE: Download of
/var/lib/openqa/cache/sle-12-SP4-x86_64-0236-textmode@svirt-hyperv.qcow2 failed with: 404 - Not Found
[2018-04-16T15:27:54.0688 CEST] [info] result: setup failure: Can't download
sle-12-SP4-x86_64-0236-textmode@svirt-hyperv.qcow2
extra_tests_in_textmode test suite variable
HDD_1=%DISTRI%-%VERSION%-%ARCH%-%BUILD%-%DESKTOP%-%MACHINE%.qcow2 enforces image format -> qcow2,
which is not supported by Hyperv.
Also jobs create_hdd_textmode@svirt-hyperv or create_hdd_textmode@svirt-hyperv-uefi uploads hyperv compatible vhdx images.
E.g. sle-12-SP4-x86_64-0236-textmode@svirt-hyperv.vhdx or sle-12-SP4-x86_64-0236-textmode@svirt-hyperv-uefi.vhdx
openQA tests in scenario sle-12-SP4-Server-DVD-x86_64-Build0236-extra_tests_in_textmode on machine svirt-hyperv fail in
sle-12-SP4-Server-DVD-x86_64-Build0236-extra_tests_in_textmode@svirt-hyperv
sle-12-SP4-Server-DVD-x86_64-Build0236-extra_tests_in_textmode@svirt-hyperv-uefi

Related issues:
Related to openQA Tests - action #36937: [sle][functional][u][hyperv] test fa...
Resolved 2018-06-07
Blocks openQA Tests - action #68761: [qe-core] HyperV reboot unstable
New 2020-07-08

History

#1 - 2018-04-16 14:07 - mloviska
- Description updated

#2 - 2018-04-16 15:06 - mloviska
- Project changed from SUSE QA tests to openQA Tests
- Description updated
- Category set to Bugs in existing tests

#3 - 2018-04-30 21:54 - okurz
- Subject changed from [sle][functional] hyperv jobs are failing because of missing image to [sle][functional][u] hyperv jobs are failing because of missing image
- Due date set to 2018-07-03
- Target version set to Milestone 17

#4 - 2018-06-13 09:06 - okurz
- Subject changed from [sle][functional][u] hyperv jobs are failing because of missing image to [sle][functional][u][hyperv] hyperv jobs are failing because of missing image
As confirmed by mnowak extra_tests never worked on hyperv. mnowak removed the scenarios again from the functional job group. We can use this ticket for tracking to extend our test coverage. ILuc what would be needed is to extend the image to properly upload the vhdx image as asset instead of qcow and use that in the downstream job. With this we can delay the work on this ticket.

create_hdd_textmode test suite creates HDD image named like this:

```plaintext
PUBLISH_HDD_1=%DISTRI%-%VERSION%-%ARCH%-%BUILD%-%DESKTOP%-%MACHINE%.qcow2
```

However hyperv_upload_assets.pm strips the qcow2 suffix and replaces it with vhdx because this is the Hyper-V native disk format.

The problem comes when we want to consume the disk in child test suite like extra_tests_in_textmode, which has this defined:

```
HDD_1=%DISTRI%-%VERSION%-%ARCH%-%BUILD%-%DESKTOP%-%MACHINE%.qcow2
```

Obviously the job fails with it unable to pull the qcow2 image.

Solution #1: The easy solution is to copycat create_hdd_textmode to create_hdd_textmode_hyperv and extra_tests_in_textmode to extra_tests_in_textmode_hyperv both with qcow2 -> vhdx.

Solution #2: Do not replace qcow2 with vhdx in hyperv_upload_assets.pm, have PUBLISH_HDD_1 & HDD_1 without qcow2 suffix, make sure openQA and possibly it's backends are able to append expected suffix, qcow2 for QEMU, vhdx for Hyper-V.

michalnowak wrote:

```
Solution #2: Do not replace qcow2 with vhdx in hyperv_upload_assets.pm, have PUBLISH_HDD_1 & HDD_1 without qcow2 suffix, make sure openQA and possibly it's backends are able to append expected suffix, qcow2 for QEMU, vhdx for Hyper-V.
```

sounds more like what we want to have
#16 - 2020-11-06 10:30 - tjyrinki_suse
- Subject changed from [sle][functional][u][hyperv] extra tests on hyperv to [qe-core][sle][functional][hyperv] extra tests on hyperv

#17 - 2021-02-16 08:15 - szarate
- Blocked by deleted (coordination #38819: [qe-core][tools][functional][epic] Refactor use of backends)