openQA Tests - action #62096

coordination # 9576 (Resolved): [epic][opensuse][sle][functional][y] VNC+SSH Installations

[functional][y][opensuse][timeboxed:16h] remote installation doesn't communicate correctly after reboot

2020-01-13 15:25 - ybonatakis

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
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<tbody>
<tr>
<td>Priority:</td>
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<tr>
<td>Assignee:</td>
<td>ybonatakis</td>
</tr>
<tr>
<td>Category:</td>
<td>Bugs in existing tests</td>
</tr>
<tr>
<td>Target version:</td>
<td>Milestone 31</td>
</tr>
<tr>
<td>Difficulty:</td>
<td></td>
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<tr>
<td>Start date:</td>
<td>2020-01-13</td>
</tr>
<tr>
<td>Due date:</td>
<td>2020-01-28</td>
</tr>
<tr>
<td>% Done:</td>
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<tr>
<td>Estimated time:</td>
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Description
Observation

Follow up for #52310 as scenario is still not enabled.

In remote installation through ssh and vnc in opensuse the remote_target doesn't close the yast2 to get into the installed desktop. The support qcow is support_server_opensuse-15.0-x86_64-GM-gnome.qcow2. I believe that there is something wrong with the image. We may need to create and test with a new one. Otherwise we need to investigate the problem.

for now there is a workaround for opensuse to do so manually pressing the "ctl-alt-delete" but this is not the expected behavior.

openQA test in scenario opensuse-Tumbleweed-DVD-x86_64-remote_vnc_target_nfs@64bit fails in remote_target

We need to investigate the issue and at least report the bug, which we can use as a soft-failure for the workaround.

Test suite description
remote installation with vnc. setup for target

Reproducible
Fails since (at least) Build 20191214 (current job)

Expected result
Last good: 20191214 (or more recent)

Further details
Always latest result in this scenario: latest

History
#1 - 2020-01-14 09:40 - riafarov
- Description updated
- Due date set to 2020-01-28

#2 - 2020-01-14 09:41 - riafarov
- Parent task set to #9576

#3 - 2020-01-14 16:37 - riafarov
- Target version set to Milestone 31

#4 - 2020-01-15 09:52 - riafarov
I have worked on this for more than 16h for many and different reasons. I havent come up with any solid answer yet. The reason is that i didnt manage to reproduce the manual tests in the automation manner.

What i have tried out is to build a new support server and test it in both manual and automated way. Also i tried to go through the source code in yast-installation. What i havent investigated is the reasons of the current's qcow behavior and to take a deeper look in the MM network configuration.

support_server_opensuse-15.0-x86_64-GM-gnome.qcow2 is the current qcow which using it manual to perform remote installation, is stuck in the yast instead to log in the desktop.

One of the images that i tried to use to replace the latter, it was opensuse-15.1-x86_64-GM-gnome@64bit.qcow2 which is already available in the O3. Manual: seems to work(the system opens and goes to desktop). Automation: fails in some weird way[0]. briefly, the target is not running when the controller tries to access it and it dies. Multiple tries to find why the test has this different behavior but i run from one issue to another.

Pretty much i encountered the same problems with any other image i tried(at least the one that i considered appropriate. because i tried also some that for various reasons they were not the correct one.

In the process to build a new supportserver i came across some other challenges. the command i used to build the supportserver is

```bash
sudo /usr/share/openqa/script/client jobs post DISTRI=opensuse VERSION=15.2 ISO=openSUSE-Leap-15.0-DVD-x86_64.iso ARCH=x86_64 FLAVOR=DVD TEST=supportserver_generator MACHINE=64bit DESKTOP=gnome INSTALLYONLY=1 AUTOYAST=supportserver/autoyast_supportserver_x86.xml SUPPORT_SERVER_GENERATOR=1 PUBLISH_HDD_1=supportserver_15_0_gnome_job.qcow2 --host https://openqa.opensuse.org/
```

replacing the ISO and AUTOYAST variables with different variables. for AUTOYAST i tried to use the xml found in data directory. The only one which seems to fit for opensuse is supportserver/autoyast_supportserver_x86.xml as the others look to be made for sle. Although i tried also AY files from data/autoyast_opensuse/ and data/autoyast/.

However the results were all unsuccessful[1]

from my side i think that a new image might solve the problem but i need to learn how is the proper way to create a supportserver for opensuse (what xml works, extra variables that might needs).

Due to the timebox i am leaving this for now and set it to feedback for further discussion.

[0] http://aquarius.suse.cz/tests/1367#step/setup/42
[1] https://openqa.opensuse.org/tests/1150274#next_previous

Follow up ticket has been created https://progress.opensuse.org/issues/62498. I close this