

openQA Tests - action #96296

coordination # 96302 (New): [qe-core][QU] Quarterly update failures

[qem] test fails in disk_activation

2021-07-29 12:38 - hurhaj

Status: Resolved	Start date: 2021-07-29
Priority: Normal	Due date:
Assignee: geor	% Done: 100%
Category: Bugs in existing tests	Estimated time: 0.00 hour
Target version: QE-Core: Ready	
Difficulty:	

Description

Observation

- no devices are in the list

openQA test in scenario sle-15-SP3-Online-QR-s390x-zfcp@s390x-zfcp fails in [disk_activation](#)

Test suite description

Maintainer: QE Yast, mgriessmeier

Installation-only test configuring an s390x ZFCP storage.

Reproducible

Fails since (at least) Build [188.11](#)

Expected result

Last good: (unknown) (or more recent)

Further details

Always latest result in this scenario: [latest](#)

Related issues:

Related to openQA Tests - action #96680: [qe-core] s390qa102.qa.suse.de zfcp ...	New	2021-08-09
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History

#1 - 2021-07-29 13:15 - szarate

- Parent task set to #96302

Setting to parent task to have a common tracker

#2 - 2021-07-30 14:52 - oorlov

This failure does not relate to any test code/schedule files. No changes were introduced.

Looks like a product bug or infrastructure issue. Matthias suggested to set up the machine manually and check the issue.

I'm not an expert in s390x setup, so this ticket is better to address to whom it may concern.

#3 - 2021-08-02 08:30 - geor

- Assignee set to geor

#4 - 2021-08-04 07:21 - geor

- Status changed from New to In Progress

- % Done changed from 0 to 20

#5 - 2021-08-09 13:32 - geor

- % Done changed from 20 to 90

It seems like s390qa101.qa.suse.de has no issues with zfc, whereas s390qa102.qa.suse.de does. Whenever the job ends up running in the second worker instance (s390qa102.qa.suse.de) disk_activation module will fail.

Bringing the FCP device online with chccwdev -e 0.0.fa00 on s390qa101 results in the respective LUNs getting attached:

```
# lsluns
Scanning for LUNs on adapter 0.0.fa00
  at port 0x500507630703d3b3:
    0x4001405000000000
  at port 0x500507630708d3b3:
    0x4001405000000000
```

Bringing the FCP device online with chccwdev -e 0.0.fa00 on s390qa102 results in the following:

```
# lsluns
lsluns: No port on any adapter exists

# lszfcp -PHD
0.0.fa00 host0
Error: No fcp devices found.

# cat /proc/scsi/scsi (shows no SCSI attached devices)
Attached devices:
#
```

Also in s390qa101 the output of lsdev does show the two SCSI devices (with both names)

```
zfcplun 0.0.fa00:0x500507630703d3b3:0x4001405000000000 yes no sdb sg1
zfcplun 0.0.fa00:0x500507630708d3b3:0x4001405000000000 yes no sda sg0
```

whereas, in s390qa102 it does not

After consulting with Matthias on this, it turns out that there could be a probable mapping discrepancy, where the 0.0.fa00 points to different devices between the two s390 instances, resulting in this inconsistency. Further investigation will need to be done in order to pinpoint the exact root of the problem. For now a workaround will be to only schedule the zfc test suites on worker instance 1.

#6 - 2021-08-09 13:39 - geor

MR: https://gitlab.suse.de/openqa/salt-pillars-openqa/-/merge_requests/340

#7 - 2021-08-09 14:29 - geor

- Related to action #96680: [qe-core] s390qa102.qa.suse.de zfc issue added

#8 - 2021-08-09 14:30 - geor

- Status changed from In Progress to Resolved

- % Done changed from 90 to 100

Resolving this issue,

Added related issue in order to fix s390qa102, for now disc_activation will not fail because it will always run on s390qa101.

#9 - 2021-09-08 08:31 - szarate

- Target version set to QE-Core: Ready