openQA Tests - action #63772

[functional][u][kernel] test fails in kdump_and_crash - values for kdump need to be adjusted to RAM size

2020-02-24 17:04 - SLindoMansilla

<table>
<thead>
<tr>
<th>Status:</th>
<th>Resolved</th>
<th>Start date:</th>
<th>2020-02-24</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
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<td>Due date:</td>
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<tr>
<td>Assignee:</td>
<td>zluo</td>
<td>% Done:</td>
<td>0%</td>
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<tr>
<td>Category:</td>
<td>Bugs in existing tests</td>
<td>Estimated time:</td>
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<td>Target version:</td>
<td>Milestone 30</td>
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<tr>
<td>Difficulty:</td>
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**Description**

**Observation**

Decreasing the RAM to use the same value as other tests is not an option, since this tests needs more RAM.

**Tasks**

- Find out the right value for kudmp and use it on this test suite.
- 640MB is the minimum.

**Related documentation**

- [https://www.suse.com/support/kb/doc/?id=7023277](https://www.suse.com/support/kb/doc/?id=7023277)
- [https://bugzilla.suse.com/show_bug.cgi?id=1161421](https://bugzilla.suse.com/show_bug.cgi?id=1161421)

**Reproducible**

- In scenario sle-15-SP2-Online-aarch64-toolchain_zypper@aarch64
- Fails since Build 126.1
- Current occurrence: 142.1

**Expected result**

Last good from scenario with 1034MB RAM: sle-15-SP2-Online-aarch64-Build142.1-extra_tests_kdump_multipath@aarch64-virtio

**Further details**

Always latest result in this scenario: latest

**Related issues:**

- Related to openQA Tests - action #61082: [functional][u] test fails in kdump,...  Resolved 2019-12-17
- Has duplicate openQA Tests - action #63946: [aarch64] test fails in kdump_and...  Rejected 2020-02-28

**History**

#1 - 2020-02-24 17:05 - SLindoMansilla
- Related to action #61082: [functional][u] test fails in kdump_and_crash - The test needs adoptions added

#2 - 2020-02-24 17:06 - SLindoMansilla
- Priority changed from Normal to High

#3 - 2020-02-24 17:07 - SLindoMansilla
- Description updated

#4 - 2020-02-28 08:22 - pcervinka
- Has duplicate action #63946: [aarch64] test fails in kdump_and_crash added

#5 - 2020-02-28 09:26 - SLindoMansilla
- Description updated
- Status changed from New to Workable
- Target version set to Milestone 30
- Estimated time set to 42.00 h

#6 - 2020-03-06 12:25 - okurz
- Subject changed from [functional][u] test fails in kdump_and_crash - values for kdump need to be adjusted to RAM size to [functional][u][kernel] test fails in kdump_and_crash - values for kdump need to be adjusted to RAM size

if [u] is unable to get this done I guess pcervinka can help.

#7 - 2020-03-19 15:01 - zluo
- Status changed from Workable to In Progress
- Assignee set to zluo

take over

#8 - 2020-03-20 15:19 - zluo

to check https://openqa.suse.de/tests/4019082

#9 - 2020-03-24 09:29 - zluo

found out that 640 MB is not possible for systemd to start kdump kernel if QEMURAM has 1024MB only.

with 320MB for kdump mem works well, so need to check this also for ppc64le with QEMURAM 1024 MB.

verifications for now:
https://openqa.suse.de/tests/4027427#step/kdump_and_crash/42 (QEMURAM 1024 aarch64)
https://openqa.suse.de/tests/4019082#next_previous (QEMURAM 4086 aarch64)
https://openqa.suse.de/tests/4028749#step/kdump_and_crash/42 (QEMURAM 1024 ppc64le)

#10 - 2020-03-24 11:08 - zluo
- Status changed from In Progress to Feedback


#11 - 2020-03-30 17:31 - zluo
- Status changed from Feedback to Resolved

https://openqa.suse.de/tests/4058253 resolved now.