openQA Tests - action #54191

[kernel][ltp][ppc64le] mkswap01_sh sometimes fails on ppc64le on SLE

2019-07-12 13:25 - pvorel

| Status: | Resolved | Start date: | 2019-07-12 |
| Priority: | Normal | Due date: | |
| Assignee: | cfconrad | % Done: | 0% |
| Category: | Bugs in existing tests | Estimated time: | 0.00 hour |
| Target version: | QE Kernel Done | |

Description

mkswap01_sh test (mkswap01.sh script) sometimes fails on ppc64le on both SLE12 and SLE15 on timeout.

https://openqa.suse.de/tests/3044443#step/mkswap01_sh/7
https://openqa.suse.de/tests/3037297#step/mkswap01_sh/7
https://openqa.suse.de/tests/2922520#step/mkswap01_sh/7

mkswap01 8 TBROK: "check_for_file /dev/disk/by-uuid/cd2f0192-bb94-4907-ac3f-f099baede452" timed out

Manual testing on arm machine (don't have ppc atm) showed that timeout is close to achieve in TST_RETRY_FN_EXP_BACKOFF.
IMHO this function should use LTP_TIMEOUT_MUL as other library functions which have timeout.

NOTE: for arm bug has been reported before, but that's for older version of code
https://bugzilla.suse.com/show_bug.cgi?id=1073300
https://bugzilla.suse.com/show_bug.cgi?id=1034157

It's a question whether timeout does not indicate some hidden bug (but it'd be then also for arm).

History

#1 - 2019-07-12 13:31 - pvorel
- Description updated

#2 - 2019-08-28 08:22 - pvorel
- Assignee changed from pvorel to cfconrad

#3 - 2019-08-28 08:23 - pvorel
- Description updated

#4 - 2019-09-10 15:55 - cfconrad
Show all current failing mkswap01_sh jobs

```
JOB_NAME=${1:-mkswap01_sh}
VERSION=${2:-12-SP5}
ssh openqa.suse.de -u geekotest psql openqa <<EOT
sudo -u geekotest psql openqa <<EOT
SELECT id,result,test,version,build,t_finished from jobs where result='failed' AND id in
(SELECT job_id from job_modules WHERE name='$JOB_NAME' ORDER BY job_id DESC)
AND version='$VERSION'
ORDER BY t_finished DESC
;
EOT
```

Result:

<table>
<thead>
<tr>
<th>id</th>
<th>result</th>
<th>test</th>
<th>version</th>
<th>build</th>
<th>t_finished</th>
</tr>
</thead>
<tbody>
<tr>
<td>3320832</td>
<td>failed</td>
<td>ltp_commands</td>
<td>12-SP5</td>
<td>0303</td>
<td>2019-09-03 21:43:26</td>
</tr>
<tr>
<td>3203661</td>
<td>failed</td>
<td>ltp_commands</td>
<td>12-SP5</td>
<td>0256</td>
<td>2019-08-02 18:49:54</td>
</tr>
</tbody>
</table>

#5 - 2019-09-11 08:58 - cfconrad
#6 - 2019-09-11 16:58 - cfconrad
- Category set to Bugs in existing tests

v2
https://patchwork.ozlabs.org/project/ltp/list/?series=130250

#7 - 2019-09-29 10:29 - okurz
- Category set to Bugs in existing tests

#8 - 2019-10-21 08:34 - cfconrad
After general TST_TIMEOUT patch was merged:
v4 send https://patchwork.ozlabs.org/project/ltp/list/?series=137043

#9 - 2019-10-22 15:11 - cfconrad
- Status changed from In Progress to Resolved

adopted/merged by pvorel

c83b8aa9f - (HEAD -> master, upstream/master) doc: Adopt TST_RETRY_FUNC for LTP_TIMEOUT_MUL (2 hours ago)
1681f9519 - tst_common.h: Use tst_multiply_timeout in TST_RETRY_FN() (2 hours ago)
56aa438e3 - tst_test.c: Add tst_multiply_timeout() (2 hours ago)
1071d39ec - tst_test.sh: Use LTP_TIMEOUT_MUL in TST_RETRY_FN() (2 hours ago)

#10 - 2019-11-06 14:15 - jlausuch
- Target version changed from 445 to 457

#11 - 2019-11-11 06:10 - pvorel
Just for a record, unrelated issue (but might happen in the future) has been reported for mkswap01_sh
https://github.com/linux-test-project/ltp/issues/458

#12 - 2020-10-23 13:39 - pcervinka
- Target version changed from 457 to QE Kernel Done