

openQA Tests - action #66203

[kernel][ltp] test fails in ioctl_loop05 - LOOP_SET_DIRECT_IO succeeded unexpectedly

2020-04-29 09:02 - pcervinka

Status:	Resolved	Start date:	2020-04-29
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Bugs in existing tests	Estimated time:	0.00 hour
Target version:	QE Kernel Done		
Difficulty:			

Description

Observation

openQA test in scenario sle-15-SP2-Online-aarch64-ltp_syscalls_debug_pagealloc@aarch64-virtio fails in [ioctl_loop05](#)

Test suite description

maintainer: pvorel, rpalethorpe. A large collection of tests for individual system calls. This is generally considered to be the most important test suit within the LTP. The IPC tests have been filtered out from the syscalls runtest file. They are ran as part of the syscalls_ipc test case.

NOTE: for GRUB_BOOT_NONDEFAULT=1 depends on order in GRUB_PARAM in install_ltp job.

Reproducible

Fails since (at least) Build [136.2](#)

Expected result

Last good: [128.1](#) (or more recent)

Further details

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

```
ioctl_loop05.c:36: PASS: lo_flags has LO_FLAGS_DIRECT_IO flag
ioctl_loop05.c:40: PASS: /sys/block/loop0/loop/dio = 1
ioctl_loop05.c:38: PASS: lo_flags doesn't have LO_FLAGS_DIRECT_IO flag
ioctl_loop05.c:40: PASS: /sys/block/loop0/loop/dio = 0
ioctl_loop05.c:61: PASS: LOOP_SET_DIRECT_IO succeeded
ioctl_loop05.c:36: PASS: lo_flags has LO_FLAGS_DIRECT_IO flag
ioctl_loop05.c:40: PASS: /sys/block/loop0/loop/dio = 1
ioctl_loop05.c:74: FAIL: LOOP_SET_DIRECT_IO succeeded unexpectedly
Failed.
Test took approximately 0.693848999000693 seconds
Some test output could not be parsed: 7 lines were ignored.
```

History

#1 - 2020-04-29 13:38 - metan

There does not seem to be anything wrong with the test, it works fine on different filesystem but fails on Btrfs for some reason.

Looking at the kernel code it may be that inode->i_sb->s_bdev is not set on Btrfs, but I would have to talk to kernel devs about this.

#2 - 2020-04-29 14:16 - metan

Patch to the test send to ML after confirming with jeffm.

<http://lists.linux.it/pipermail/ltp/2020-April/016850.html>

#3 - 2020-04-29 14:46 - pvorel

- Status changed from New to Feedback

Thanks, metan!

#4 - 2020-05-11 09:52 - metan

The fix has been pushed, the test should be fine in the next testrun.

#5 - 2020-05-13 09:09 - metan

- Status changed from Feedback to Resolved

Test is working fine in latest build.

#6 - 2020-05-15 05:58 - pcervinka

- Target version changed from 445 to 457

#7 - 2020-06-05 08:41 - pvorel

NOTE: it was also broken on other archs, not just aarch64

And 4 days ago Jan Stancek pushed fix for ioctl_loop05 on s390 (not relevant to this)

<https://github.com/linux-test-project/ltp/commit/5a1897f04b95e2a4c966a6057bdeaff0fd195c0b>

#8 - 2020-10-23 13:42 - pcervinka

- Target version changed from 457 to QE Kernel Done

#9 - 2020-11-25 16:01 - jlausuch

[pcervinkapvorel](#)

we found this issue still in 15-SP1 QU5:

<https://openqa.suse.de/tests/5063689#comments>

#10 - 2020-11-26 12:10 - pcervinka

[jlausuch](#) this could be https://bugzilla.suse.com/show_bug.cgi?id=1176983, also QAM jobs dont use daily LTP with latest fixes, if you still think it is a new issue, please open a new progress ticket, but please check if the bug is applicable and it happens on latest ltp build (in QA:Head repo).

#11 - 2020-11-26 12:39 - jlausuch

pcervinka wrote:

[jlausuch](#) this could be https://bugzilla.suse.com/show_bug.cgi?id=1176983, also QAM jobs dont use daily LTP with latest fixes, if you still think it is a new issue, please open a new progress ticket, but please check if the bug is applicable and it happens on latest ltp build (in QA:Head repo).

For 15-SP1 QU5 we install LTP from https://build.suse.de/project/repository_state/QA:Head/SLE-15-SP1

Are latest LTP builds ending in all versions in QA:Head?

#12 - 2020-11-26 13:11 - pvorel

[jlausuch](#) FYI master branch is in <https://build.suse.de/package/show/QA:Head/ltp>

latest release is in https://build.suse.de/package/show/QA:Head/qa_test_ltp

#13 - 2020-11-26 13:18 - jlausuch

But aren't we using latest master status when adding the repo like this?

zypper -n --gpg-auto-import-keys ar -f -p 0 --no-gpgcheck <http://download.suse.de/ibs/QA:/Head/SLE-15-SP1/qa-head>