2020-10-07 Meeting notes

Date
07 Oct 2020

Attendees
- Anmar Oueja

Minutes

- **Operations**
  - We need weekly a private meeting to address confidential matters.
  - Will return the meeting to one hour. First half if private and the other is public
  - Will make the public one first
  - Will have two invitations. Status will be done in the public meeting
  - Will abandon Collaborate and stick with Google docs
    - dd: New or existing doc?

- **LAVA Lab - Dave**
  - 1.5% Infra errors
  - LAVA 2020.09 upgrade
  - Maintenance window 1-3 hours

- **Kernel Validation - Daniel**
  - Juno PCI problem with jun0-07
    - rare and difficult to reproduce. We will continue using the Juno-07 for testing
  - NXP LAVA Lab being upgraded last week
    - It was down
  - LTP to be upgraded (20200930) soon. Sanity test will be updated.
    - Quickhit is replaced by smoke test in LTP
    - Viresh was second contributor to this release. Congrats!!
  - KUnit to be added soon
    - That's great news!!!
  - Validated upcoming changes on kselftests
  - Reported ftrace selftest NULL pointer on i386 on next-20201001
    - Patch quickly sent
  - Reported ftrace oops on Qemu/arm on next-20201001
  - Tested KVM VMX patch for x86, now on mainline
  - Tested pidfd_wait selftest patch
  - RC Log
    - 2020-10-05
      - 4.19.150, 5.4.70, 5.8.14
        - Reported no regressions in <24h

- **Android Kernel Testing - Sumit**
  - Tom has sent out the reports for 4.19.148, 4.9.238, 4.4.238, 5.4 and 4.14 results are in progress; reports will be sent out shortly.
  - Many test runs don’t seem to be counted towards the final test results in qa-reports? The command line tools report different numbers?
    - eg: https://validation.linaro.org/scheduler/job/2159961 numbers don't show up on https://qa-reports.linaro.org/android-lkft/5.4-gki-aosp-master-db845c-full-cts-vts/build/5.4.68-2a7d52383a14-202010012251/
      - Seems to showup with the large number of test cases.
      - Milosz suspects it might be an out of memory issue. Will investigate and report back
  - Test status
    - Seen a couple of VtsKernelProcFile test failures on all boards in 4.4 and 4.19; will investigate and report.
    - Full cts/vts results:
      - Db845c: passed 1,358,342, failed 3,694, total: 1,362,036
      - Hikey960: passed 42,900, failed 2,419, total: 45,319
    - Hikey:
      - Android-4.9-o results running Android 8 using HiKey failed all 1545 VTS tests. Looking into it.
    - Hikey 960:
      - Mostly stable other than the ones mentioned above.
    - DB845c:
      - Mainline results seem consistent with previous runs.
      - ctsDeqpTests update
        - Amit pulled together a 'closer to master' mesa update to validate his failures, and with that, the CtsDeqp failures came down from ~2000 to 24!
        - Move to an updated mesa isn't painless, unfortunately. So we will chart our course of action on possible mesa update to 20.3 when it releases.