TFC Steering Committee Notes

(Send to: tf-openci-triage@lists.trustedfirmware.org)

January 10th
Attendees: Glen, Ben C, Matteo, Joanna, Anton, Don

Minute:
- Critical Issue: FVP Licensing / Memory Exhaustion
  - TFC-387: TF-A tf-main job has a lot of timeouts and the normal 5hr job is now up to 19hr and still running.
    - Queue long on FVP devices, many failures. The issue is that memory allocation on the server is being exhausted. Either the work has changed, or the size of the jobs has changed.
    - The Lab added more FVP devices to the workers, and this has caused allocation issues.
    - Ben will clear out the queue and restart with lesser workers.
    - Jobs - https://tf.validation.linaro.org/scheduler/job/1260311
      - Still failing, workers are down to 4, and memory is fine.
  - Late Breaking! Looks like a flexnet issue with FVP, Ben to contact Paul Black for new licenses.

- MbedTLS
  - Spreadsheet
  - Dave was not in the meeting; we need more data for the comparison.

- Last week:
  - Joanna requested: TFC-375 tf-a-main fast-forwards master to integration branch even in case of failures. Paul was able to help with this, and looks like patches were merged. Is there anything else? No, follow up with Manish/Paul.

- Priorities?
  - Ben: Flexnet/Misra license server change(s)
    - Looking at moving this to AWS. The Flexnet server needs to lock down due to a security issue.
    - This will be supplanted by UBL licensing.
  - MBedTLS stabilization
  - Boards (have quickly created an estimated 6-9 month backlog)
  - MISRA - Finish TF-A, Next TF-M
    - Paul estimates that he should have the proto-type of the pipeline done at the end of January. Another month for working with reports.
    - Awaiting feedback from the TF-A team. Joanna says her team needs to compare the existing Coverity reports against the MISRA reports.
  - Other Priorities:
    - Joanne requested an N1SDP board in the Lava Lab & Windows build nodes.

- Arthur has provided some initial setups of the windows build he uses for MbedTLS. If this needs to be modified, it can be a short time applied.
- N1SDP will have to go on the back log of boards.
- Long-term H/W Plans - based on the current platform backlog, will need 3rd rack in 1 yr. OR Remove older boards?   No need to remove anything right now.
- LTS is also something that needs to be in the plans, and this may get/need minor support from Linaro.