

TFC Steering Committee Notes

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

July 18

Attendees: Paul S, Don, Shebu, Ben, Olivier, Dave R, Bence, Rubik

Minutes:

- Infrastructure
 - Lab planned limited services for July Fri 21st July 2023 05:00 BST 06:00 BST
 - Going to backup connections. A 30 minute window
 - Should we send out notices to any maillist? Ben said no need.
 - Pipeline updates?
 - Ben: UBL support going into next LAVA release. Then will start integration into tux.
 - Ben: Friday evening lost Jenkins for a couple of hours. Web UI crashed, but just fixed and moved forward.
 - Ben: Lab are working on getting STM board back up - loose cable causing failures. MUSCA B02 went off line, will be fixed in this sprint
 - Ben: Getting LAVA docker worker installed as well. This needs done for next LAVA release. Will support zero time upgrades in LAVA after that.
 - Status of FVPs in the Cloud & UBL licence
- MBedTLS
 - Creating Jenkins Master for MBedTLS (EC2 Instance)
 - MBedTLS.trustedfirmware.org worker reduced for cost savings to resolve windows nodes issues. Will be moving all MBed TLS jobs over to this.
 - **Action: Ben** to share where config scripts/YAML for new CI location. Will be same wrapper as old production ones. Share with Arthur?
 - New dedicated Jenkins Master for MBed TLS. Will reduce EC2 size of Stage so cost should remain constant
- Don suggested that Arm take an action to optimise Open CI jobs on a per project basis.
 - Benefits project from cost as well as Open CI performance/stability
 - TF-A, TF-M, Mbed TLS, LTS, MISRA - Need POCs for all.
 - Reduce nightlies? Reduce job test suite sizes? Example: Toolchain builds.
 - Ben: Always good to understand this. Once get parity, fine tuning/sizing could be fine-tuned,
 - Dave: Mbed, could evaluate if could run some subset under some circumstances.
 - Ben: Windows nodes are the biggest/most expensive.
 - May be able to consider turning off nightlies over weekends.
 - Need to assure still meet anticipated quality, but finding/reducing costs would be helpful
 - Bare metal more of a fixed cost.
 - When Parity reached on MBed TLS server, could start such investigations
- Boards

- Chrome Book Corsola - still working with Google to unlock the boxes
- MISRA
 - Status from TF-M team? Paul: Preparing the MISRA presentation. Wanted to remind Anton awaiting to hear back.
 - Anton started review, out of office today. Will do full review before enable the MISRA
- Olivier: Sent Paul note on Artifact filtering. If a quick fix, feel free to go ahead.