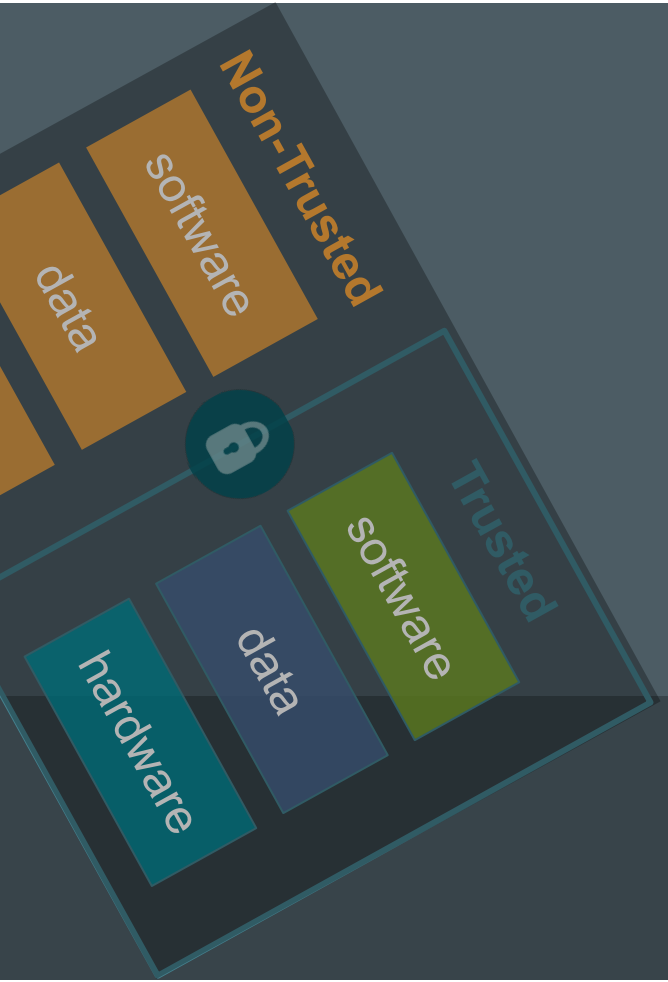


Open Source Secure World Software

Trusted Firmware Governing Board Meeting

12 April, 2023

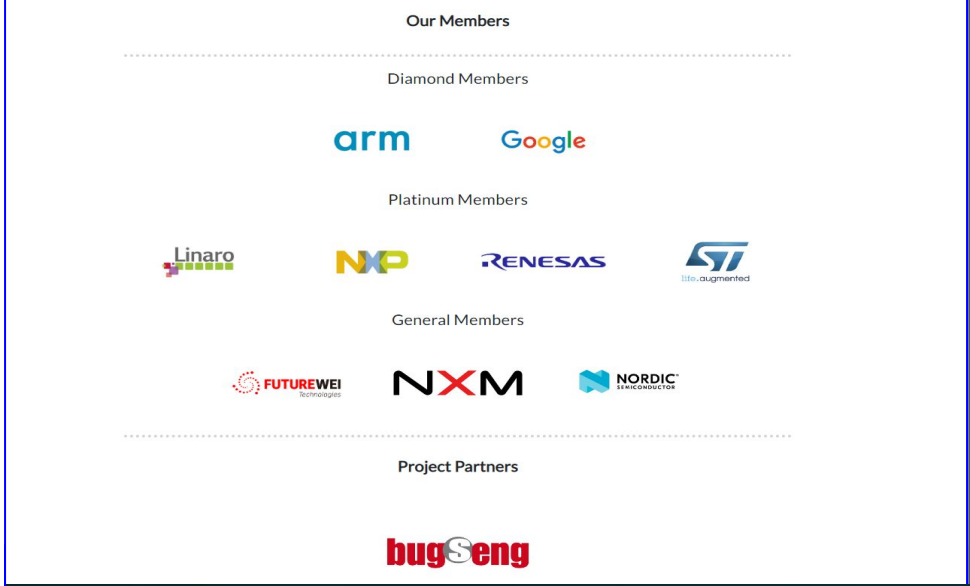
HOSTED BY:

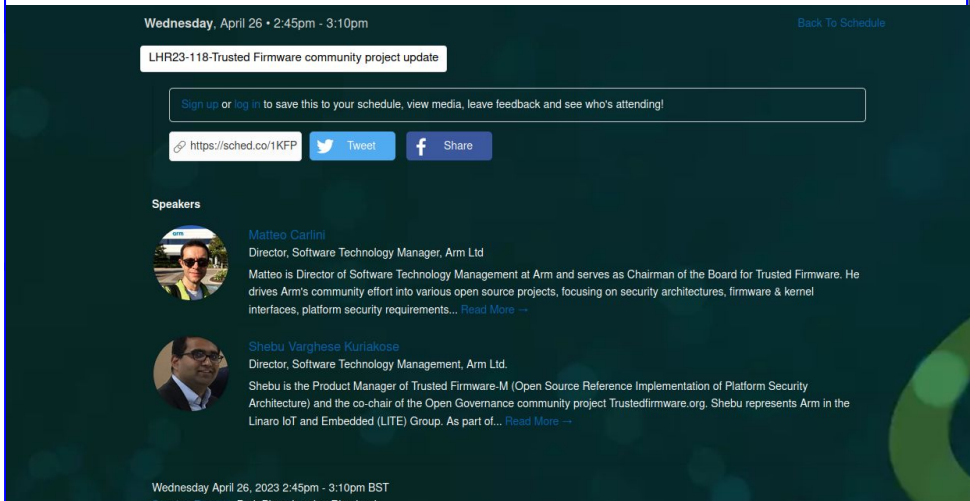
Linaro

Agenda

- Membership updates
- Action Item Review
- Financial updates
- Open CI Updates
- General Topics
  - LTS Messaging status
  - Marketing Update
  - Connect Updates
  - AOB

board@lists.trustedfirmware.org





Membership Updates

- Welcome Nordic!
- Inquiries:
  - No updates

Action Item Review

March15, 2023 Board Meeting Actions

- Don get the PSoC64 board from Infineon pulled from Open CI.
  - See TFC-424 **Closed**
- Don send out Charter update vote. Reattach latest draft
  - Sent, vote passed, Charter updated on website. **Closed**

Open CI Updates

Open CI Updates

Progress - March

- Upgraded Jenkins Master to a more performant server
- Performance issues in Mbed TLS CI (TFC-260) performance issue resolved.
  - Identified a jenkins configuration issue that resolved performance issue.
  - Established consistent timing and now reducing and monitoring costs of EC2 instances.
- Progress with TF-A team in setting up LTS CI
- Boards
  - STM32mp15 deployed & running health checks, working with ST to deploy testing
  - STM32U5 deployed & running health checks, awaiting patch from ST to deploy testing
  - Chromebook - Tomato enabled in LAVA; awaiting deployment to Lab

Active Issues:

- Active Hardware Issues
  - None
- Active Infrastructure Issues
  - TFC-434 Instability on ci.trustedfirmware.org with new Scaleway Server

Open CI Priorities

Identified Priorities for FY'23 (Can tweak/add based on Trusted Firmware Board feedback)

- Deploy new member boards
- TF-A LTS Support
- Bugseng (MISRA) TF-M and any TF-A tuning after receive all feedback
- Integrating new compiler licensing technology
- Mirror TF-A, TF-M and Trusted Services repo in TF github
- TF-RMM Infrastructure & Open CI
- Verify Disaster Recovery process, procedures, docs
- Add IAR compiler support for TF-M and Mbed TLS
- Trusted Services CI
- TF-A Windows Build

Priorities - over the next month

- Deploy UBS Licensing Support
- TF-A LTS Support
- Monitor Mbed TLS Performance
- Continue MISRA integration into TF-M
- Enable testing for STM32MP15, STM32U5
- Deploy Chromebook Tomato to the Lab

Reminders: Current deployed devices, Job test results, EPIC: Trusted Firmware Community Board Enablement

Open CI Platform Prioritized Backlog

Current Open CI Platform Enablement Queue:

1. Add Renesas EK-RA6M4 - On hold
2. Add STM32MP15 - Deployed, passing healthchecks
3. Chromebook LAVA tests - Tests running on Asurada, Lazor - Completed
4. Add STM32U5 - Deployed, passing healthcheck
5. Add Tomato Chromebook - In Progress;awaiting Lab deployment
6. Add Corsola Chromebook - Backlog
7. Add N1SDP Arm platform - Backlog
8. Google next Chromebook - Holder for FY 23
9. ST next platform - Holder for FY 23

Member	Platform	FY '21	FY '22	FY '23
Renesas	EK-RA6M4	1/1		
ST	STM32MP15		1/2	
ST	STM32U5		2/2	
Google	Chromebook Tomato		1/2	
Google	Chromebook Corsola		2/2	
Arm	N1SDP			1/2
Google next	Chromebook next			1/2
ST next	STM32xx			1/1

Platform Quota usage per members

Resolved Tickets - Last 30 Days

T	Key ↑	Summary	Status	Assignee	Reporter	Resolution
	TFC-275	TFC: Enable Chromebook Asurada/Lazor LAVA tests on TF-A	RESOLVED	Arthur She	Arthur She	Done
	TFC-401	Adding the tf-a-eclair-delta job to AllowCI+2	RESOLVED	Paul Sokolovskyy	Joanna Farley	Done
	TFC-422	TF-A: lava.log artifact is not available for failed tf-a-builder builds	RESOLVED	Paul Sokolovskyy	Joanna Farley	Done
	TFC-427	TF-A Further Jenkins/LAVA timeout adjustments required?	RESOLVED	Paul Sokolovskyy	Joanna Farley	Cannot Reproduce
	TFC-429	Recent qa-tools related update broke coverage support for TF-A	RESOLVED	Saul Romero	Paul Sokolovskyy	Done
	TFC-430	ci-bot-user removed from user list in gerrit	RESOLVED	Kelley Spoon	Soby Mathew	Delivered
	TFC-433	Unable to connect review.trustedfirmware.org using ci-bot SSH key	RESOLVED	*Unassigned*	Sandrine Bailleux	Duplicate

1–7 of **7**

General Topics

LTS Messaging & Status

- November (end) ‘22
  - ~~TF-Av2.8 release blogpost~~
- December ‘22 (shortly after TF-Av2.8)
  - ~~Blogpost announcing LTS branch, name & mailing list.~~ Here
  - ~~Social media publishing (LinkedIn/Twitter~~)
  - ~~Tech Forum Topic → **planned for 26th Jan**~~
- ~~LTS v2.8.0 launched on Feb 14th~~ (see mailing list announcement)
- February ‘23
  - ~~Follow up blogpost based~~
  - ~~Social media publishing (LinkedIn/Twitter)~~
- 4 HotFix releases already made against LTSv2.8.0 during March-April
  - 6 Critical fixes / Errata workaround released
  - Latest one is v2.8.4
  - Team working to consolidate a policy to tag hotfix LTS releases
- Springtime ‘23: Follow up Tech Forum?

Connect Update

- April 26-28th
  - London, 1st live event post-covid
  - Focus: Automotive, IoT,
- Matteo/Shebu speakers at TrustedFirmware.org update session
  - Wed, 27th 2:45pm *LHR23-118-Trusted Firmware community project update*
  - Session Room 1
  - Will provide recordings when available
- RSS session by Jamie Fox
- A conference room reserved for those attending from TF.org
  - Timeslot: April 27, 4pm - *Large Boardroom*
  - Celebrating 5 years of TF-M!

AOB (Any Other Business)

- Nordic has joined as a General Member

Next Board Meeting

May 17th @ 17:00 BST/UTC+1

09:00 Pacific (San Jose)

Lkbjj

Thank You

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Linaro