



**TAC Conference Call – 7:00am PST
Thursday 3 September 2020**

1. Call to Order / Roll Call

1.1. In Attendance

- 1.1.1. Dave Thaler (Microsoft, TAC Chair) *
- 1.1.2. Aeva Black (Microsoft)
- 1.1.3. Dan Middleton (Intel)
- 1.1.4. Dominic Mulligan (Arm)
- 1.1.5. FX Marseille (Thales)
- 1.1.6. Giuseppe Giordano (Accenture)*
- 1.1.7. Grant Likely (Arm) *
- 1.1.8. Hannes Tschofenig (Arm)
- 1.1.9. Howard Huang (Huawei) *
- 1.1.10. Hugo Vincent (Arm)
- 1.1.11. Jethro Beekman (Fortanix)
- 1.1.12. Liam Coffey (AMD)
- 1.1.13. Mike Bursell (Red Hat) *
- 1.1.14. Morgan Akers (JPMC)
- 1.1.15. Naveen Cherukuri (Nvidia)
- 1.1.16. Richard Searle (Fortanix) *
- 1.1.17. Roy Hopkins (R3)
- 1.1.18. Scott Schweitzer (Xilinx)
- 1.1.19. Seth Knox (Outreach Chair)
- 1.1.20. Shankaran G (Facebook)
- 1.1.21. Simon Johnson (Intel) *
- 1.1.22. Simon Leet (Microsoft)
- 1.1.23. Stephen Walli (Microsoft)
- 1.1.24. Thomas Hardjono (MIT)
- 1.1.25. Xinxin Fan (IoTex)
- 1.1.26. Zongmin Gu (Ant Group) *
- 1.1.27. Stephano Cetola (Linux Foundation)

1.2. *voting member

2. Move to approve minutes

- 2.1. The Technical Advisory Council approves the minutes from the Sept 3 meeting with no abstentions and no objections.

3. Action Item Review

- 3.1. [Mike] Ensure that a TAC budget line item for 1 Zoom account for OE SDK [In Process]
- 3.2. [David Kohlbrenner/Stephano to remind] Please provide a list of the licenses used by Keystone for crypto implementations, specifically to ensure that they are all OSI approved. [In Process]
- 3.3. [Stephano] Ping Mike if we can't redirect Enarx mailing list [In Process]
- 3.4. [Stephano] Work with the Occlum folks to get a list of the dependencies listed which are part of the TCB and add that to the submission document for posterity [In Process]

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- 3.5. ~~[Scott (LF)/Dave] Scott to provide the Project Contribution Agreement document to Dave for the TAC [DONE]~~
- 3.6. ~~[All] Please do a final review of the Outreach whitepaper before we send it back to them (they have a meeting next week, Wednesday) [DONE]~~
- 3.7. [Aeva/Mike] Create a straw-person for terminology proposal

4. Technical Charter Changes Pt. 1

- 4.1. Change the TAC Chair to a non-voting seat in the Governing Board (proposed by Dave Thaler, TAC Chair): Governing Board Motion passed
- 4.2. Rationale: The TAC should concentrate on technical issues, not political issues. A person should be TAC chair because they want to help moderate and track technical issues, not try to be chair just to get another vote at the board level. This change ratifies removing that incentive and sets a culture of consensus building and collaboration, which the TAC has been successful at achieving. TAC meetings are open, and opinions are welcome and even solicited from members and observers alike. The proposed amendment has no effect on the TAC itself (since it's already the TAC rule that the chair shall not vote at the board level), and improves in-meeting and minute-taking efficiency by not having to go through the "TAC chair abstains" statement on every board vote.

5. Technical Charter Changes Pt. 2

- 5.1. Remove project specific votes in the TAC (proposed by Dave Thaler, TAC Chair, amended by Stephen Walli, Microsoft): Governing Board Motion passed
- 5.2. Rationale: Presently, TAC voting members include a person from each premier member, and an identified person from each supported project that has reached the Graduation stage (per the draft project progression policy document). This vote removes the vote of project members. We have no projects at the graduation stage, so no one is losing a vote. There is discussion for and against the charter change in the charter document (link below), and the issue was discussed in the TAC meeting, 3 September.
- 5.3. **Action Needed:** update the Project Progression Policy to match the charter change (Dave)

6. Current Status of Previously Submitted Projects

- 6.1. The TAC has approved 7 projects: enarx, OE SDK, SGX SDK for Linux, TCF, Graphene, Keystone, Occlum
- 6.2. The Governing Board has approved enarx and OE SDK. The others are either waiting for their Technical Charter or for their IP assignment (Trademark and LF Series LLC paperwork).

7. Veracruz Presentation

- 7.1. Project submission template:
<https://lists.confidentialcomputing.io/g/main/files/TAC/Project%20Submissions/Submitted/ccc-submission-veracruz.markdown>
- 7.2. Project FAQ:
<https://lists.confidentialcomputing.io/g/main/files/TAC/Project%20Submissions/Submitted/veracruz-faq.pdf>
- 7.3. Please see the FAQ introduction above for more details. The recording of this presentation will be made available on the mailing list.
- 7.4. There are similarities between Veracruz and Enarx and several members pointed out that this would have a positive impact enabling both projects to interact more efficiently.
- 7.5. We also discussed the first slide in our deck where every project meeting our criteria is welcome, regardless of overlap in accepted projects.
- 7.6. Grant volunteers to be a mentor to this project.

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8. **Motion:** The TAC recommends that the Governing Board accept Veracruz as a project in the Confidential Computing Consortium.
 - 8.1. Motion passes with 1 abstention.
 - 8.2. The Technical Charter and Trademark docs still need to be provided to the LF at which point the board can vote on accepting the project.
9. **TAC Whitepaper (attestation)**
 - 9.1. <https://docs.google.com/document/d/17PhrlXvFJsAlJryYjpezmfdsI1BSB1x1tE2FTbriHy/c/edit>
 - 9.2. There are IETF conversations around this topic each week, Dave will send that contact info to the list.
 - 9.3. In table 2 (comparison of security properties), we address all of this subjects except code confidentiality and programmability. Please think about if we want to add sections to address these. It does not need to be long text. For next time, if someone would volunteer to author these parts please let us know on the list.
10. **Pull Requests**
 - 10.1. <https://github.com/confidential-computing/governance/pulls>
 - 10.2. Please check #62 and #65 as they currently require TAC review.
11. **Attestation Mailing List**
 - 11.1. <https://lists.confidentialcomputing.io/g/attestation>
 - 11.2. All projects are welcome to join in on any conversation regarding attestation on this list. This is not specifically for the whitepaper but rather for general conversation.

Action Items

1. [Dave] Please provide the join information for the IETF Tuesday meeting on attestation to the TAC mailing list. [DONE]

Meeting adjourned at 9:00 am PT on September 17, 2020. The next conference call will be scheduled for Thursday October 1.

Respectfully submitted by Stephano Cetola, Acting Secretary, on September 21, 2020.