



**TAC Conference Call – 7:00am PST
Thursday 6 August 2020**

1. Call to Order / Roll Call

1.1. In Attendance

- 1.1.1. Seth Knox (Outreach Chair)
- 1.1.2. Aeva Black (Microsoft)
- 1.1.3. Xinxin Fan (IoTEx)
- 1.1.4. Mike Bursell (Red Hat)*
- 1.1.5. Simon Leet (Microsoft)
- 1.1.6. Simon Johnson (Intel)*
- 1.1.7. Jethro Beekman (Fortanix) (Acting Chair)
- 1.1.8. Grant Likely (Arm)*
- 1.1.9. Brandon Baker (Google)*
- 1.1.10. Liam Coffey (AMD)
- 1.1.11. Scott Schweitzer (Xilinx)
- 1.1.12. Francois Xavier (Thales)
- 1.1.13. Richard Searle (Fortanix)
- 1.1.14. Morgan Akers (JPMC)
- 1.1.15. Stephano Cetola (Linux Foundation)

1.2. *voting member

2. Move to approve minutes

- 2.1. Hold off on approval until the next meeting. (not quorate)

3. Action Item Review

- 3.1. [Mike] Ensure that a TAC budget line item for 1 Zoom account for OE SDK [**In Progress**]
- 3.2. [Xiaoning] Send Dave or Stephano your GitHub ID so that we can add reviewers to our GitHub issues / pull requests
- 3.3. [Aeva/Mike] For the Chat Comparison [spreadsheet](#), define some of the comparison items that might be confusing in a markdown document in the github repo [**DONE**]
- 3.4. [Stephano] Survey for health check across members, starting from sample questions in July 9 TAC minutes. And include Outreach and Board. (This Meeting, follow next meeting)
- 3.5. [Dave] Reference new Steve Riley Gartner TEE definition in TAC Scoping. (follow next meeting)
- 3.6. [Seth] Please bring up the scoping document in the Outreach meeting and discuss ways to make it more relevant as a public document. [In Progress]
- 3.7. [David Kohlbrenner] Please provide a list of the licenses used for crypto implementations, specifically to ensure that they are all OSI approved. [Stephano – Action Item]

4. Enarx Mailing List Request

- 4.1. Enarx is creating Rust crates, and they would like email addresses for discussing these crates. So, this mailing list is very specific to that Enarx output. It really has nothing to do with the CCC's work, hence we'd like the domain associated with enarx.dev.

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- 4.2. Stephano will check to see if we can use our current instance and simply forward emails to Enarx's domain. If not, perhaps the LF has a cheaper offering, as the Enarx team is only looking for mailing list functionality, not a full Groups server. (If not, will circle back with Mike to discuss other options)
5. **CCC Member / Project Survey**
 - 5.1. https://docs.google.com/document/d/16lmYYnEnW65ucdZHSqJogQ1i6riq_rPIgKTJK551O2I/edit?usp=sharing
 - 5.2. This document is simply a brainstorming doc from some of the PMs at the Linux Foundation.
 - 5.3. The goal is to survey our projects yearly (staggered) and
 - 5.4. Please have a look at this doc over the next 2 weeks and add comments or suggested edits.
6. **CCC Slack Instance**
 - 6.1. The Outreach Committee saw this as an idea to use during events (keeping things narrow). We did not get into all the ways we can use it and were interested in more and broader discussion around this idea.
 - 6.2. We will set up a Slack channel at OSS Dublin (virtual) with the Linux Foundation and if that goes well, we can consider setting up a conference-only slack instance for those events that do not have a space for chat.
7. **TAC Whitepaper**
 - 7.1. <https://docs.google.com/document/d/17PhrIXvFJsAlJryYjpezmfSI1BSB1x1tE2FTbriHyC/edit?usp=sharing>
 - 7.2. Side-channel still needs some work and is still very much in progress.
 - 7.3. Direct Anonymous Attestation (DAA)
 - 7.3.1. This description seems problematic or just in need of rework. Perhaps comparing different types of attestation and then listing ways of accomplishing that might be an easier approach.
 - 7.4. Management of Certs is very troublesome, specifically for users who cannot keep servers running indefinitely, but rather tear them down regularly (for risk management).
 - 7.4.1. Moreover, how users can leverage primitives like DAA (or attestation in general), and certainly these primitives will not give the users everything they need, and they will need to layer other things on top. 95% of the customer base that want to leverage a TEE will not know how to do that well.
 - 7.4.2. This would be a good core discussion for the first
 - 7.5. Some sections still need to be developed. Xinxin will look into improving the different kinds of schemes for attestation using feedback from this meeting.
 - 7.6. Side Channels: Brandon, Mike, and Roy are currently discussing. Simon will read through this as well for a hardware perspective.
 - 7.7. We should encourage folks to look at this offline, and we should work on at least 1 section at each call so as to get this out in time for OSS Dublin.

Action Items

1. [Stephano] Remind David of the request for a list of the licenses used for crypto implementations.
2. [Stephano] Ping Mike if we can't redirect Enarx mailing list.
3. [Stephano] Add timebomb GitHub issues/PRs to your weekly action items. Also, merge the current requests.
4. [Xinxin] Please use the feedback from this meeting (recording & minutes) to inform the attestation section.

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5. [Mike/Roy/Simon/Brandon] Please continue work on the Side Channels section.
6. [All] Please continue to review the whitepaper as we will continue with meeting and discussing this in the coming weeks.
7. [Dave] It is suggested that we add a full review of each section (1 at a time) for each TAC meeting going forward so that we can iron all of these out before OSS (virtual) Dublin.

Meeting adjourned at 8:00 am PT on August 6, 2020. The next conference call will be scheduled for Thursday August 20.

Respectfully submitted by Stephano Cetola, Acting Secretary, on Aug 6, 2020.