Technical Advisory Council (TAC) Meeting

August 20, 2020

CONFIDENTIAL COMPUTING
CONSORTIUM

The Confidential Computing Consortium

A community focused on open source licensed projects securing DATA IN USE & accelerating the adoption of confidential computing through open collaboration

Every member is welcome; every project meeting our criteria is welcome. We are a transparent, collaborative community.

We as members, contributors, and leaders pledge to make participation in our community a harassment-free experience for everyone.

CONFIDENTIAL COMPUTING
C O N S O R T I U M

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CONFIDENTIAL COMPUTING CONSORTIUM

Agenda

1. Welcome, Roll call
2. Approval of minutes
3. Action item review
4. Technical Charters
5. Occlum project submission
6. Member / Project Survey
7. Outreach whitepaper: Blockchain use case
8. TAC whitepaper (esp. Sec. 6.1 and 6.2)
9. Any outstanding GitHub issues / pull requests (time permitting)
10. Any other business

Roll Call of TAC Voting Representatives

Quorum requires **6** or more voting reps:

Member	Representative	Email
Accenture	Giuseppe Giordano	giuseppe.giordano@accenture.com
Alibaba	Xiaoning Li	xiaoning.li@alibaba-inc.com
(**new!**) Ant Group	Zongmin Gu	zongmin.gzm@antgroup.com
ARM	Grant Likely	grant.likely@arm.com
Facebook	Jinsong Yu / Shankaran	jinsongyu@fb.com
Google	Brandon Baker	bsb@google.com
Huawei	Zhipeng (Howard) Huang	huangzhipeng@huawei.com
Intel	Simon Johnson	simon.p.johnson@intel.com
Microsoft	Dave Thaler(*)	dthaler@microsoft.com
Oracle	John Haxby	john.haxby@oracle.com
Red Hat/IBM	Mike Bursell / Dimitrios	mbursell@redhat.com

TAC chair

Approval of TAC Minutes from July 23 telechat

https://lists.confidentialcomputing.io/g/main/files/TAC/Meetings/2020/07-July/CCC%20TAC%20Minutes%202020-07-23.pdf

RESOLVED: That the minutes of the July 23, 2020 meeting of the Technical Advisory Council meeting of the Confidential Computing Consortium as distributed to the members of the TAC in advance of this meeting are hereby adopted and approved.

Approval of TAC Minutes from August 6 telechat

https://lists.confidentialcomputing.io/g/main/files/TAC/Meetings/2020/08-Aug/CCC%20TAC%20Minutes%202020-08-06.pdf

RESOLVED: That the minutes of the August 6, 2020 meeting of the Technical Advisory Council meeting of the Confidential Computing Consortium as distributed to the members of the TAC in advance of this meeting are hereby adopted and approved.

Action Item Review

1. [Mike] Ensure that a TAC budget line item for 1 Zoom account for OE SDK
2. [Xiaoning] Send Dave or Stephano your GitHub ID so that we can add reviewers to our GitHub issues / pull requests
3. [All] Review Stephano's survey document (on agenda today)
4. ~~[Dave] Reference new Steve Riley Gartner TEE definition in TAC Scoping [DONE in PR #61]~~
5. ~~[Seth] Please bring up the scoping document in the Outreach meeting and discuss ways to make it more relevant as a public document [DONE]~~
6. [David Kohlbrenner/Stephano to remind] Please provide a list of the licenses used for crypto implementations, specifically to ensure that they are all OSI approved.
7. [Stephano] Ping Mike if we can't redirect Enarx mailing list
8. ~~[Stephano] Add timebomb GitHub issues/PRs to your weekly action items. Also, merge the current requests. [DONE]~~
9. [All] Please continue to review the TAC whitepaper as we will continue with meeting and discussing this in the coming weeks (on agenda today)

Technical Charters

- Slides presented to governing board:

  https://lists.confidentialcomputing.io/g/main/files/TAC/Meetings/2020/08-Aug/CCC-Technical-Charter-Process.pptx

- Process pull request:

  https://github.com/confidential-computing/governance/pull/60

- Governing board minutes:

  https://lists.confidentialcomputing.io/g/main/files/Governing%20Board/Meetings/2020/CCC%20Board%20Minutes%202020-08-13.pdf

  "5.8. Questions for Linux Foundation counsel:

  5.8.1. If a project wishing to join the CCC has a technical charter, whose responsibility is it to review that charter along with any changes they might wish to make to the template technical charter? Is this the TAC's responsibility, the CCC legal counsel, or the LF counsel?

  5.8.2. Is there a recommended way (or tool) for tracking projects submissions and their progress?"

Occlum Project Submission

- Project submission:
  https://lists.confidentialcomputing.io/g/main/files/TAC/Project%20Submissions/Submitted/CCC%20TAC%20Submission_%20Occlum.docx

- Proposed Technical Charter:
  https://lists.confidentialcomputing.io/g/main/files/TAC/Project%20Submissions/Submitted/Technical%20Charter%20%28custom+data%29%20--%20LF%20Projects,%20LLC%204-10-2019%20FINAL%20-%20Occlum.docx

(welcome Zongmin to present)

Member / Project Survey

- https://docs.google.com/document/d/16lmYYnEnW65ucdZHSqJogQ1i6riq_rPIgKTJK551O2I/edit?usp=sharing

Outreach whitepaper: Blockchain use case

- https://docs.google.com/document/d/1JxOIHB2MsUTJzsiLSH04a-QMhHZfLzeaiVRNX9kD6ng/edit?pli=1

  - See red section entitled "Blockchain"

TAC Whitepaper

- https://docs.google.com/document/d/17PhrIXvFJsAIJryYjpezmfdSl1BSB1x1t
  E2FTbriHyc/edit?ts=5ec71ac7

- Action items from last meeting:

  - [Xinxin] Please use the feedback from last meeting (recording & minutes) to inform the attestation section.

  - [Mike/Roy/Simon/Brandon] Please continue work on the Side Channels section.

  - [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.

Github PR's and issues

https://github.com/confidential-computing/governance/pulls

https://github.com/confidential-computing/governance/issues

Any other business