

Technical Advisory Council (TAC) Meeting

January 28, 2021



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.

Antitrust Policy Notice

- › Linux Foundation meetings involve participation by industry competitors, and it is the intention of the Linux Foundation to conduct all of its activities in accordance with applicable antitrust and competition laws. It is therefore extremely important that attendees adhere to meeting agendas, and be aware of, and not participate in, any activities that are prohibited under applicable US state, federal or foreign antitrust and competition laws.
- › Examples of types of actions that are prohibited at Linux Foundation meetings and in connection with Linux Foundation activities are described in the Linux Foundation Antitrust Policy available at <http://www.linuxfoundation.org/antitrust-policy>. If you have questions about these matters, please contact your company counsel, or if you are a member of the Linux Foundation, feel free to contact Andrew Updegrove of the firm of Gesmer Updegrove LLP, which provides legal counsel to the Linux Foundation.

Agenda

1. Welcome, Roll call
2. Approval of minutes
3. Action item review
4. Updates from Outreach committee
5. TAC Technical event series – Dave, Jethro
6. Webinar/FAQ questions - Stephano
7. AAA SIG proposal - Dmitry
8. Any outstanding GitHub issues / pull requests (time permitting)
9. Any other business

Roll Call of TAC Voting Representatives

Quorum requires **5** or more voting reps:

<u>Member</u>	<u>Representative</u>	<u>Email</u>
Accenture	Giuseppe Giordano	giuseppe.giordano@accenture.com
Ant Group	Zongmin Gu	zongmin.gzm@antgroup.com
ARM	Grant Likely / Michael	grant.likely@arm.com
Facebook	Eric Northup / Shankaran	digitaleric@fb.com
Google	Brandon Baker / Dmitry	bsb@google.com
Huawei	Zhipeng (Howard) Huang	huangzhipeng@huawei.com
Intel	Simon Johnson / Dan	simon.p.johnson@intel.com
Microsoft	Dave Thaler(*)	dthaler@microsoft.com
Red Hat/IBM	Mike Bursell / Dimitrios	mbursell@redhat.com

**TAC chair*

2. Approval of TAC Minutes from Jan. 14 telechat

<https://lists.confidentialcomputing.io/g/main/files/TAC/Meetings/2021/01-Jan/CCC%20TAC%20Minutes%202021-01-14.pdf>

RESOLVED: That the minutes of the January 14, 2021 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.

3. Action Item Review

- [Mike] Ensure that a TAC budget line item for 1 Zoom account for OE SDK 3.2
- [Stephen] Please reach out to Cat Allman regarding any details we can get on LISA21
- [Dave] Check with the possibility of adding a doi to a future version of the whitepaper to encourage academic papers to reference our whitepapers
- [Stephano] Check with LF to see if doi whitepapers is something that has been done in the past
- [Stephano] Make the updates to the TAC whitepaper (and ensure that the links from the TAC whitepaper point to the latest version of the outreach whitepaper) and send to LF Creative.
- [Stephano] Report back with costs for license scanning for the existing CCC projects as well as the estimated cost for each project that joins.

4. Updates from Outreach Committee

- IDC TAM report (total addressable market for confidential computing)
- CCC Webinar series (monthly)

5. Technical event series

- [Dave] Proposed Goal: educate TAC on technologies that protect data in use
 - So any public whitepapers, webinars, etc. are up to date with state of the art
 - For things especially relevant to Confidential Computing, some could be subsequently scheduled in the CCC webinar series, after incorporating TAC feedback
- [Dave] Examples of topics:
 - Overviews of relevant standards (IETF RATS architecture, GSMA architecture, etc.)
 - Overviews of relevant open source projects
 - Overviews of relevant academic research
 - Overviews of relevant government requirements
- [Dave] Example cadence:
 - 30-60 min (depending on topic) slot in first TAC meeting of each month, if a topic is ready
- [Jethro] discussion not 1-way, e.g panel

6. Webinar/FAQ questions - Stephano

- <https://github.com/confidential-computing/confidentialcomputing.io/issues/31>

7. AAA SIG proposal

- https://docs.google.com/document/d/1a6Swoki2Vb3MAFhC_msyRdZq1JMFk_t9ecvQdZB-r-4/edit?ts=5ff60e0b

Project	Proposed by	TAC Approved	Technical Charter	IP Assigned	Board Presentation	Board Approved	Annual Review	Mentor
enarx	Red Hat	31 OCT 2019	Yes	Yes	31 OCT 2019	Yes	14 JAN 2021	Mike Bursell
OE SDK	Microsoft	31 OCT 2019	Yes	Yes	31 OCT 2019	Yes	12 NOV 2020	Dave Thaler
SGX SDK for Linux	Intel	31 OCT 2019			31 OCT 2019			(Simon Johnson)
TCF	Intel	Yes						
Graphene	UNC Chapel Hill	Yes	Yes					
Keystone	UC Berkley	Yes	Yes					
Occlum	Ant Financial	Yes	Yes		10 SEP 2020			
Veracruz	Arm	Yes	Yes		19 NOV 2020			(Grant Likely)

8. Github PR's and issues (time permitting)

<https://github.com/confidential-computing/confidentialcomputing.io/issues>

9. Any other business

- Stable links to individual whitepapers