

# Technical Advisory Council (TAC) Meeting

*November 4, 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

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# Agenda

1. Welcome, Roll call, Introduce any first-time attendees
2. Approval of minutes
3. Action item review
4. Updates from Outreach committee
5. 2022 Budget planning
6. **Annual Project Review: Gramine**
7. TAC Tech Talk schedule
8. Common Terminology & **Anjuna glossary**
9. Annual chair election process
10. Any other business

# Roll Call, and Introductions

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	Thomas Fossati / Michael	thomas.fossati@arm.com
Facebook	Eric Northup / Shankaran	digitaleric@fb.com
Google	Iulia Ion	iuliaion@google.com
Huawei	Zhipeng (Howard) Huang	huangzhipeng@huawei.com
Intel	Dan Middleton / Simon	dan.middleton@intel.com
Microsoft	Dave Thaler(*)	dthaler@microsoft.com
Red Hat/IBM	Lily Sturmann / Dimitrios	lsturman@redhat.com

*\*TAC chair*

## 2. Approval of TAC Minutes from Oct. 21 telechat

<https://lists.confidentialcomputing.io/g/main/files/TAC/Meetings/2021/10-Oct/TAC%20Minutes%202021-21-10.pdf>

**RESOLVED:** That the minutes of the Oct. 21, 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

1. [Stephen] Chat with LF legal counsel to inform the process in place to establish a Vulnerability Management Team
2. [Ashley] Reach out to project mentors to confirm potential security contacts for each current and upcoming project
3. [Project Mentors] Recommend diversity and inclusion trainings to their projects and report back to the TAC on whether the maintainers or the contributors will be taking it and when the expected completion date is
4. [Thomas H/Eric V] Support text creation for VM terminology
5. [Ashley/Brian] Update CCC technical documentation to include internship policy as a project benefit
6. [Steve] Provide list of definitions from Anjuna glossary of terms to present at the next TAC meeting
7. [Ashley] Seek clarity on the process for recommending projects to participate in industry events. Should the outreach suggest this or are project mentors responsible for notifying their projects?
8. [Dave] Coordinate with organizer from LPC microconference through linux-collab list.
9. [Ashley/Brian] Gather documents to create spreadsheet for CCC security reports and VMT process.

Project	Proposed by	TAC Approved	Tech. Charter	IP Assigned	Board Presentation	Board Approved	Annual Review	Mentor	Webinar
Enarx	Red Hat	31 OCT 2019	Yes	Yes	31 OCT 2019	Yes	14 JAN 2021	Mike Bursell	JAN 2021
OE SDK	Microsoft	31 OCT 2019	Yes	Yes	31 OCT 2019	Yes	12 NOV 2020	Dave Thaler	MAR 2021
SGX SDK for Linux	Intel	31 OCT 2019			31 OCT 2019			(Simon Johnson)	
TCF	Intel	28 MAY 2020							
Gramine	UNC Chapel Hill	2 APR 2020	Yes	Yes	(Nov 2021?)	15 SEP 2021	4 NOV 2021	Eric	FEB 2021 (DEC 2021?)
Keystone	UC Berkeley	23 JUL 2020	Yes	Yes	24 JUN 2021	MAR 2021	(16 DEC or 13 JAN?)	Stephen	JUN 2021
Occlum	Ant Financial	20 AUG 2020	Yes	Yes	10 SEP 2020	15 SEP 2021	(4 DEC 2021?)	Zongmin	MAY 2021
Veracruz	Arm	3 SEP 2020	Yes	Yes	19 NOV 2020	14 APR 2021	(18 NOV 2021?)	Grant & Mike	APR 2021
CCC-Attestation	TAC	Yes	Yes	N/A	18 MAR 2021	18 MAR 2021		Dan & Aeva	(Veraison – NOV 18?)



## 4. Updates from Outreach Committee

## 5. 2022 Budget Planning

V. Development	2021	2021 Forecast	Jan-Aug '21	Remainder	2022 prelim
License Scanning	\$10,000	\$10,000	\$6,000	\$4,000	\$12,000
Consortium IT Services and Collab Tools	\$270,000	\$50,000	\$0	\$270,000	\$200,000
IT Services and Collab Tools	\$5,700	\$3,864	\$3,352	\$2,348	\$3,864
Hosting and other costs	\$0	\$10,000	\$0	\$10,000	\$10,000
Development Subtotal	\$285,700	\$73,864	\$9,352	\$286,348	\$225,864

- **Consortium IT Services and Collab Tools:** budget for use by projects
- **IT Services and Collab tools:** website, groups.io, paid Slack
- **Hosting and other costs:** Misc. Used if someone needs a software license or something else simple that needs to get done that does not require a board vote.

# 2022 Budget Planning

- Reminder of TAC Resources available to projects on request:
  - Zoom account
  - Outreachy intern: \$6500/yr
  - LF License Scanning
  - Email list hosting
  - Channel in cross-project slack instance
  - LF Creative, e.g. logo creation
  - Chat service (open question)?
  - Test infrastructure (open question): SEE NEXT SLIDE

## 5. 2022 Budget Planning

- Two test infrastructure proposals
  - PROPOSAL 1: The TAC may provide up to \$7,500 of hardware per annum per project on request by the project and approval of the TAC.
    - ☐ Yes ☐ No
  - PROPOSAL 2: The TAC may provide up to \$15,000 of hardware per annum on test infrastructure that is usable by multiple projects.
    - ☐ Yes ☐ No
- Could be used for CAPEX or OPEX

## 6. Annual project review: Gramine (Mona)

## 7. TAC Tech Talk schedule

- RISC-V Consortium – Jeff Scheel / Mark ...
  - Veraison? – was presented in CCC-Attestation but not to TAC
  - TCG POV on CC – Henk Birkholz?
  - OP-TEE from TrustedFirmware.org
  - Hacktoberfest? – Nick?
  - Rust Hypervisor firmware: <https://github.com/cloud-hypervisor/rust-hypervisor-firmware>
  - Homomorphic Encryption + Confidential Computing – suggested by Outreach
  - IETF Trusted Execution Environment Provisioning (TEEP) work – Dave
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- One 30-min talk per meeting? Can we do an annual project review + a TAC Tech Talk + other items in the same meeting?

## 8. Establishing common terminology (issue #79)

### Anjuna glossary - Steve

Github Issue:

- <https://github.com/confidential-computing/governance/issues/79>

Doc in progress:

- <https://docs.google.com/document/d/1xZ6IX0w0jaWDbLMFNAybTF3FpLnQ5TJ98nzIWbsbFnY/edit#>

## 9. Annual chair election process

Reminder: annual chair election starts next month

- TUE Nov 9, 2021: Call for nominations opens
  - TUE Nov 16, 2021: Call for nominations closes
  - WED Nov 17, 2021: Voting period opens
  - WED Nov 24, 2021: Voting period closes
  - TUE Nov 30, 2021: Election results announced
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- Responsibilities of chair, per charter:
    - iii) electing annually a chairperson to preside over meetings, set the agenda for meetings, ensure meeting minutes are taken and who will also serve as the TAC's non-voting representative to the Governing Board (the "TAC Representative");
    - e) The TAC representatives will elect a chair to preside over meetings, ensure minutes are taken and drive the TAC agenda with input from the TAC representatives.



## 10. Any other business