

Technical Advisory Council (TAC) Meeting

January 27, 2022



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.

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Agenda

1. Welcome, Roll call, Introduce any first-time attendees
2. Approval of minutes
3. Action item review
4. **TAC Tech Talk:** OP-TEE - Julian Hall
5. **Veraison** New Project Submission
6. Updates from Outreach Committee
7. Updates from the Attestation SIG
8. Common Terminology
9. Any other business

Roll Call, and Introductions of New Attendees

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 December 16th and January 13th telechat

<https://lists.confidentialcomputing.io/g/main/files/TAC/Meetings/2021/12-Dec/TAC%20Minutes%202021-16-12.pdf>

<https://lists.confidentialcomputing.io/g/main/files/TAC/Meetings/2022/01-Jan/TAC%20Minutes%202022-13-01.pdf>

RESOLVED:

That the minutes of the Dec. 16th and January 13th 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. [Mike, Eric, Stephen, Zongmin, Thomas F] 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.
2. [Nathaniel] Identify a definition that Enarx can fit into on the Common Terminology document and define what is the smallest unit (such as a confidential computation). [DONE]
3. [Steve] Define a term that is wider than only protecting data. [COVER ON TERM AGENDA ITEM]
4. [Ashley] Add link to LFX in the meeting minutes. [DONE]
5. [Brian] Share process for Linux Foundation license scanning with Keystone project.
6. [ALL] Review, comment and/or correct text in Common Terminology Document [ON AGENDA]

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	01 DEC 2021	15 SEP 2021	4 NOV 2021	Eric V	3 FEB 2022
Keystone	UC Berkeley	23 JUL 2020	Yes	Yes	24 JUN 2021	MAR 2021	13 JAN 2022	Stephen	JUN 2021
Occlum	Ant Financial	20 AUG 2020	Yes	Yes	10 SEP 2020	15 SEP 2021	2 DEC 2021	Zongmin	MAY 2021
Veracruz	Arm	3 SEP 2020	Yes	Yes	19 NOV 2020	14 APR 2021	18 NOV 2021	Thomas F.	APR 2021
CCC-Attestation	TAC	Yes	Yes	N/A	18 MAR 2021	18 MAR 2021		Dan & Aeva	Veraison – NOV 2021

4. TAC Tech Talk: OP-TEE - Julian Hall

5. Veraison – New Project Submission

6. Updates from Outreach Committee

7. Updates from Attestation SIG

8. Establishing common terminology (issue #79)

Github Issue:

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

Doc in progress:

- <https://docs.google.com/document/d/1xZ6IX0w0jaWDbLMFNAybTF3FpLnQ5TJ98nziWbsbFnY/edit#>

Anjuna glossary slides from a previous meeting:

- <https://lists.confidentialcomputing.io/g/main/files/TAC/Meetings/2021/11-Nov/AnjunaDefinitions.pdf>

9. Any other business

Date	CCC Project Review	TAC Tech Talk
27 JAN 2022	Veraison new project submission	OP-TEE - Julian Hall
10 FEB 2022		Outreachy and GSOC – Nick Vidal
24 FEB 2022		TCG confidential computing work – Henk Birkholz

List of suggested future topics

- TCG past work on CC – Henk Birkholz (invited, date TBD)
- Results of Outreachy program – Nick
- Rust Hypervisor firmware: <https://github.com/cloud-hypervisor/rust-hypervisor-firmware> - Dan to provide contact
- IETF Trusted Execution Environment Provisioning (TEEP) work – Dave
- Logging and error reporting in confidential computing – Mike B.
- Confidential computing from the perspective of the network – Penglin & Eric V.
- DARPA Data Protection in Open Environments (DPRIVE) – Dan contacted

Thanks Ashley