Technical Advisory Council (TAC) Meeting

June 13, 2024

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.
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Agenda

1. Welcome, roll call, introduce any first-time attendees
2. Announcements: None
3. Old Business - Recap last meeting
    a. Recap - CC Summit
4. New Business Tech Talks
    a. PQC in CCC: John Manferdelli
    b. State of PQC: Hart Montgomery
5. Future business
    a. Next meeting agenda 6-20
    b. Backlog
        - Barriers to Adoption; Glossary (tbd)
        - Budget (tbd); Issues/Pull requests

Roll Call

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

* *TAC chair*

Member	**Representative / Alternate**	**Email**
AMD	David Kaplan / Harold Gilkey	david.kaplan@amd.com
Arm	Nathaniel McCallum	nathaniel.mccallum@arm.com
Google	Catherine Zhang	cxzhang@google.com
Huawei	Zhipeng (Howard) Huang	huangzhipeng@huawei.com
Intel	Dan Middleton * / Simon Johnson	dan.middleton@intel.com
Meta Platforms	Henry Wang / Kevin Hui	kevinhui@meta.com
Microsoft	Alec Fernandez	alfernandez@microsoft.com
Nvidia	Fritz Alder	falder@nvidia.com
Red Hat	Yash Mankad / Ram Pai	ymankad@redhat.com
TikTok	Mingshen Sun / Yao Zhang	mingshen.sun@tiktok.com

Welcome New Community Members

New to the community?

Haven’t introduced yourself at least twice?

Let us know

- your name, pronouns
- where you are joining from
- your main Confidential Computing interest

Old Business

1. Check last meeting minutes and help approve if not yet merged.

TAC Tech Talk

PQC, John Manferdelli

Announcements

- Brand repositioning Working Group
  - Coordination document have been created.
  - Ab Nacef lead the initiative
  - First meeting was held on 29 May
  - Next meeting will be tomorrow, 13 June
  - Link to the meeting is in the CCC calendar
  - Minutes of the last meeting
  - #ccc-brand-repositioning-wg slack channel
- NIST has just published the initial public draft of SP 1800-36: Trusted Internet of Things (IoT) Device Network-Layer Onboarding and Lifecycle Management: Enhancing Internet Protocol-Based IoT Device and Network Security. View more in TAC Mailing list

Events Speakership Call For Proposal

Submit Your Content & Speaker Interest

PET Summit APAC: **(deadline 6/13)** Pre-set topics, members in APAC. July 16, 2024 | Singapore **deadline moved-up

OSS EU CC Mini Summit: **(deadline: 8/8)** September 19, 2024 at 13:30 - 17:00 CEST | Vienna, Austria

TAC Goals

https://docs.google.com/document/d/1l5ekwOC0KhVwmBebaR9WHlFoCrM6mQEQolMo84-4kkk/

Projects

Project	Last Annual Review	Next Annual Review	Mentor	Webinar	
Enarx	2024-04-04		Nick Vidal	Jan 2021	added to invite
OE SDK	2024-04-18		Alec Fernandez	Mar 2021	added to invite
Gramine	2023-02-09		Eric V	Feb 2022	
Keystone	2024-03-07		Lily	Jun 2021	added to invite
Occlum	2024-03-21		Tate Tian	May 2021	requested
Veracruz	2023-01-12		Thomas F	Apr 2021	
Veraison	2023-06-13		Howard Huang	Nov 2021	
VirTEE			Yash Mankad		
SPDM-RS			Fritz Alder		
Certifier Framework					
Islet					
Coconut-SVSM			Alec Fernandez		

SIGs

SIG / WG	Last Annual Review	Next Annual Review	Mentor	Webinar
CCC-Attestation SIG	2022-04-21		Dan	21 June 2022
GRC SIG	Quarterly 2023-10-08		Mark Novak	
Kernel SIG	Launched Q1'24		TBD	

SIG Events Call For Proposal

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TAC March Discretionary Budget Update

Budget Category	Budget	Spent/Forecast	Remaining	Notes
Technical Community Architect Travel	$45,500	$2,172	$43,328	
Travel	$14,000	$6,402	$7,598	~2k per project
Test Infrastructure	$59,500	$5,712	$53,788	~8.5k per project
Consortium IT Services and Collab Tools	$9,996	$0	$9,996	~1.4k per project

Topic Schedule

Date	CCC Project Review	TAC Goal Topic	TAC Tech Talk / Proposal / etc
2024-02-08		**Mentorship (Yash/Lily)**	
2024-02-22			
2024-03-07	**Keystone**	**2024 TAC Objectives**	
2024-03-21	**Occlum**		**Payload Governance Patterns**
2024-04-04	**Enarx**		**virTEE Demo**
2024-04-18	**OE SDK**		
2024-05-02		**Yash - Internship/mentoring**	**UEFI (Dionna Glaze)**
2024-05-16		**Revisit OKRs (Dan)**	**PDaP: Privacy-preserving Data Sharing in Practice James Joshi**
2024-05-30			**TPMs, Merkle Trees & TEEs, Marcela & Chad**
2024-06-13		**Roots of Trust, Nathaniel McCallum (resched from 5/30)**	**Post Quantum - Hart Montgomery**
2024-06-27		**Alec Fernandez**	
2024-07-11		**Henry Wang / Kevin Hui**	
2024-07-25		**Catherine Zhang**	

Topic Schedule: Continued

Date	CCC Project Review	TAC Goal Topic	TAC Tech Talk / Proposal / etc
2024-08-08		**Fritz Alder**	
2024-08-22		**Mingshen Sun / Yao Zhang**	
2024-09-05		**Yash Mankad / Ram Pai**	
2024-09-19	**Linux Plumbers conflicts?**	?	**Collaborative and Private Data Processing with TEE-enforced Sticky Policy (LIN, Zhiqiang)**
2024-10-03	**Rosh Hashanah conflicts?**	?	**?**
2024-10-17		**David Kaplan**	
2024-10-31		**Zhipeng (Howard) Huang**	
2024-11-14			
2024-11-28	**US Thanksgiving Conflicts**	**?**	**?**
2024-12-12			

Internship / Mentoring

Program

- Very happy to see many of you last week @ CC Summit!
  - Mentoring conversations with Sal, Aditya G, Thomas F, Larry Dewey, and Bokdeuk.
- Documentation is ready: https://github.com/confidential-computing/governance/tree/main/mentoring
- We're accepting project ideas now!
  - Requirements: 12-week work block, a willing mentor able to devote sufficient time to assisting a mentee complete the idea implementation, and set of required mentee skills.
- Submit ideas as a PR in the governance repo using the Project Idea Template
- No fixed 'schedule' like CNCF; we can start new mentorships on a rolling basis.
- Yash to speak at Outreach committee meeting on June 26

Thank You

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