

Technical Advisory Council (TAC) Meeting

May 16, 2024



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. New Business
 - a. Tech Talk: PDaP: Privacy-preserving Data Sharing in Practice (NSF/OSTP)
 - b. Announcements
 - Mentorship PR merged
 - CCC Brand repositioning Working group
 - CC Conformance / Certification
 - c. TAC Goals:
 - TAC Goals (Dan)
3. Future business
 - a. Next meeting agenda
 - Root of Trust (Nathaniel)
 - b. Backlog
 - Barriers to Adoption; Glossary (tbd)
 - Budget (tbd); Issues/Pull requests

Roll Call

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

* TAC chair

<u>Member</u>	<u>Representative / Alternate</u>	<u>Email</u>
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 back, Helen!!!



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



TAC Tech Talk: PDaP

PDaP: Privacy-preserving Data Sharing in Practice (NSF/OSTP)

James Joshi, NSF

Jeremy J. Epstein, EOP/OSTP

Announcements

- Mentorship PR Merged
- Repositioning WG
 - Discussed the [Brand repositioning of the Confidential Computing Consortium](#) document and set a kickoff meeting date
 - Please sign up to participate in the working group
- Conformance WG
 - Please review the initial proposal for a working and signup to participate in the discussion
 - [Confidential Computation Conformance Working Group](#)

TAC Goals

[https://docs.google.com/document/d/1I5ekwOC0KhVwmBebaR9WHIFoCrM6mQE
QoIMo84-4kkk/](https://docs.google.com/document/d/1I5ekwOC0KhVwmBebaR9WHIFoCrM6mQEQoIMo84-4kkk/)

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	

Project Pipeline

Onboarded \o/

- VirTee [Proposal](#), [Charter](#), [Contribution Agreement](#)
- spdms [Proposal](#), [Charter](#), Contribution Agreement Not Required
- Certifier Framework [Proposal](#), [Charter](#), Contribution Agreement Not Required
- Islet [Proposal](#), [Charter](#), [Contribution Agreement](#)
- Coconut-SVSM [Proposal](#), [Charter](#), [Contribution Agreement](#)

In Progress

-

Ready For Vote

-

SIG Events Call For Proposal

Submit Your Content & Speaker Interest

[CC Summit](#): (deadline: 5/15) June 5 or 6, 2024 | San Francisco, CA

[PET Summit APAC](#): (deadline 6/18) Pre-set topics, members in APAC. July 16, 2024 | Singapore

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

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	\$4,571	\$9,429	~2k per project
Test Infrastructure	\$59,500	\$3,462	\$56,038	~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		Nathaniel McCallum - Roots of Trust?	
2024-06-13		Zhipeng (Howard) Huang	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		Henry Wang / Kevin Hui	
2024-08-22		Catherine Zhang	
2024-09-05		Yash Mankad / Ram Pai	
2024-09-19		Fritz Alder	Collaborative and Private Data Processing with TEE-enforced Sticky Policy (LIN, Zhiqiang)
2024-10-03		Mingshen Sun / Yao Zhang	
2024-10-17			
2024-10-31			
2024-11-14			
2024-11-28			
2024-12-12			

Internship / Mentoring

Program

- Similar to CNCF's [lfx-mentorship](#)
- We need project ideas that could be roughly completed in a 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.
- [Project idea template](#) will be similar to CNCF. (Some examples from their 2024 Summer Term: [Thanos](#), [Kubescape](#), [Cilium](#))
- Projects should submit their project ideas as a Pull Request on CCC's mentorship repo (WiP - Sal's [PR#223](#))

Internship / Mentoring

Est. Schedule

- **Proposed Term: July 15th - October 15th**
- CCC Projects idea submission deadline: **June 1st**
- Mentorships available on LFX Mentorship: **by June first week**
- Mentee applications open on LFX: **approximately 4 weeks (by July first week)**
- Mentee application review and acceptance: approximately during the **2 weeks before the term** begins. **(July 1 - July 15)**

Plan / Action(s)

- Projects / willing mentors to submit ideas to project lead mailing list for now, and as a PR once GH Mentoring repo is ready
- Yash and Riaan to meet with Ali Ok (who runs the CNCF Mentoring Program with Nate W) to finalize the schedule for CCC's Mentoring term.
- TAC members are requested to review Sal's [PR#223](#) to complete the CCC Mentoring Github pages.
- Yash to work with Kate and Outreach team to advertise Mentoring Program to the right audience via appropriate channels and invite Mentees to apply once submissions are on the LFX Portal.

Thank You



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