Technical Advisory Council (TAC) Meeting

January 11, 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. Old Business
    a. COCONUT-SVSM & Kernel SIG
    b. Scaling Project Mentors
3. TAC Tech Talk: Kernel ABI & CCC SIG (Dan Williams)
4. New Business
    a. Asia Friendlier Meeting Schedule (Mike Bursell)
    b. 2024 TAC Responsibilities
    c. NIST RFI Responses (Mark N. & Sal)
5. Future business
    a. Next meeting agenda
    b. Issues/Pull requests

Roll Call

Quorum requires **4** or more voting reps:

* *TAC chair*

Member	**Representative / Alternate**	**Email**
Arm	Nathaniel McCallum	nathaniel.mccallum@arm.com
Meta Platforms	Eric Northup / Shankaran	digitaleric@fb.com
Google	Cfir Cohen / Catalin Sandu	cfir@google.com
Huawei	Zhipeng (Howard) Huang	huangzhipeng@huawei.com
Intel	Dan Middleton * / Simon Johnson	dan.middleton@intel.com
Microsoft	Alec Fernandez	alfernandez@microsoft.com
Red Hat	Lily Sturmann / Yash Mankad	lsturman@redhat.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

Minutes for December 14, 2023

https://github.com/confidential-computing/governance/pull/209

- Coconut-svsm project proposal - APPROVED
- Kernel SIG proposal - APPROVED

How to scale Project Mentors as we add new projects:
https://github.com/confidential-computing/governance/issues/207

Tech Talk: Linux Kernel Upstream and our new SIG

- Dan Williams

New Business

- Asia friendlier meeting times (Mike B)
  - Add 1 new timezone meeting (Asia Friendly): 9am GMT
  - Frequency? 1 in 4; 1 in 2; ?
  - Clearer, earlier agenda announcements
  - TAC co-chair
- 2024 TAC Responsibilities

- RFI Responses (Mark N & Sal)

TAC Responsibilities

- Objectives and Key Results [doc]
  - Projects
  - Ecosystem
  - Community
- TAC Voting member responsibilities
  -
  -

RFIs

https://lists.confidentialcomputing.io/g/tac/message/1254

Due January 15: NIST SP 1800-28 (Data Confidentiality: Identifying and Protecting Assets Against Data Breaches)
Due January 25: NIST SP 800-226 (Guidelines for Evaluating Differential Privacy Guarantees)
Due February 2: Safe, Secure, and Trustworthy Development and Use of AI

2024 TAC Objectives

Working document:

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

Food for thought (Thanks, Dave):

https://lists.confidentialcomputing.io/g/tac/topic/101726010#1137

https://wiki.lfnetworking.org/pages/viewpage.action?pageId=101352491

TAC Budget (Actuals through November)

Description	2023 Budget	Actuals through Nov	2023 Remaining	2024 Budget	Notes	Area
License Scanning	$0	$0	$0	$0	LF Security	Project support
Test infrastructure (capital or non-capital)	$60,000	$13,479	$46,521	$60,000	$10k/project x 6 projects	Project support
IT Services and Collab Tools	$15,000	$8,369	$6,631	$15,000	website, slack, groups,io	Project support Community development & DCI
Consortium IT Services and Collab Tools	$10,000	$0	$10,000	$10,000	Misc. budget for use by projects	Project support
Travel	$60,000	$17,678	$42,322	$60,000	$10k/project x 6 projects	Project support (combined with other travel)
Hosting and other costs	$306	$138	$168	$0	Software	Project support
Outreachy (internships/community support)	$32,000	$8,000	$24,000	$32,000	Outreachy ($8k x 4 projects)	Community development & DCI Project support
Community Support	$100,000	$0	$100,000	$100,000	Part-time Technical Architect	Community development & DCI Project support
Subtotal	$277,000	$47,664	$229,336	$277,000		

Any other business / Schedule

Date	CCC Project Review	TAC Goal Topic	TAC Tech Talk / Proposal / etc
23 Mar 2023	OE SDK - Radhika		SGX Assurance Tool - Alex Berenzon
6 April 2023	GRC - Mark Novak [3]	[2] Progression - Howard	CDCC - XiaoFeng Wang
20 April 2023		[1] Cross Project - Lily / EricV	
4 May 2023		[4] Education - Cfir et al	VirTEE - Sergio Lopez Pascual (@slp)
18 May 2023	Attestation SIG	[5] D&I - Dan & Nick	Keylime - Thore / Marcio
1 June 2023		[2] Progression pt.2 - Dave/Howard	Bao Project - Sandro / Howard
15 June 2023	Veraison - Thomas Fossati	[2] Progression pt.2 - Dave/Howard	
29 June 2023	CCS	CCS	CCS
13 July 2023		1, 3, or 4	~~Fan Zhang - CDCC second talk~~
27 July 2023	Canceled	n/a	~~SPDM - Jiewen Yao~~
10 Aug 2023	GRC Sig quarterly update	n/a	CHAOSS and D&I - Georg Link SPDM - Jiewen Yao
24 Aug 2023	Outreach update	All / Quarterly Checkup	CISA RFI

1. we increased Cross-project Integration [Lily, EricV]
2. the CCC hosts s/w projects adopted by the ecosystem [Dave, Howard, Dan]
3. other organizations reference Confidential Computing [MarkN, Howard, Thomas]
4. grew outbound education [Giuseppe, Cfir, EricN]
5. matured community D&I [Dan, Nick]

Any other business / Schedule (Continued)

Date	CCC Project Review	TAC Goal Topic	TAC Tech Talk
07 Sept 2023			MPC/FL + TEE and FHE - Kevin (Inpher)
21 Sept 2023			Oblivious RAM: from theory to large-scale real-world deployment - Elaine Shi (Carnegie Mellon University)
05 Oct 2023	Certifier Framework	2024 Planning	
19 Oct 2023	Certifier Framework	2024 Planning	
02 Nov 2023	Islet	2023 Grading	S/W Supply Chain - Marcela Melara
15 Nov 2023	FYI ONLY - LAST BOARD MEETING OF 2023 - QUEUE UP ANY VOTES WE NEED BEFORE THEN		
16 Nov 2023	Outreach/TAC goal sync	Cross-Project Survey (Lily)	Common API (Wenhui and Ken)
30 Nov 2023	COCONUT-SVSM	Islet	
14 Dec 2023	COCONUT-SVSM	Kernel SIG	Kernel ABI (Dan Williams)
28 Dec 2023	Canceled		

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Next Agenda (2024-01-25)

1. Welcome, roll call, introduce any first-time attendees
2. Old Business
3. New Business
4. Project: Keystone
5. TAC Goals: TAC Responsibilities / Mentoring & Internships
6. Annual Report/Update:
7. Tech Talk:
8. Any other business