

CORECOLLECTIVE

Where the Arm software ecosystem connects

Technical Advisory Committee Meeting

13 May 2026

Agenda

Agenda

- Review current WGs spin up status/rollups
- Potential WG/Initiatives updates
- Face to face events in 2026

Working Group Status - Updated

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Where the Arm software ecosystem connects

TAC
Chair: Grant Likely (Arm)
Started
11 Companies, 18 subscribers

Remit: WG Oversight, Cross-WG Alignment, Strategy– Gap analysis, WG/Initiative Proposal review

Linux Fundamentals
Chair: Grant Likely (Arm)
Started
12 Companies, 37 subscribers, ~14 attendees/sync

Remit: Linux Kernel, LLVM, GNU

Virtualization
Chair: Mark Burton (Qualcomm)
Kickoff planned for May 27
12 Companies, 37 subscribers

Remit: Virtualization(Kernel & Hypervisor), Simulation (QEMU), VirtIO, FF-A, Maintenance

Edge Compute
Chair: John Toomey (AMD)
Started
8 Companies, 18 subscribers, ~13 attendees/sync

Remit: SystemReady, Edge Compute, U-Boot, Firmware, Yocto

Windows on Arm
Chair: Marcus Perryman/Saket Jha (Microsoft)
Started
5 Companies, 32 subscribers, ~12 attendees/sync

Continuation from Linaro WoA Working Group
Has organized into two calls; public technical and small group SC

Android
Chair: Nathan Egge (Google)
Establishing Remit
6 Companies, 23 subscribers

Confidential Compute
Chair: Dan Handley/Lizzie Ni (Arm)

Started
8 Companies, 32 subscribers, ~20 attendees/sync

Remit: DCAP, Arm CCA Roadmap, Community needs

Datacenter
Chair: Pending
Not Started
8 Companies, 10subscribers,

Remit: TBD

Rollup

Status roll-up (see tabs for more details)			
Group	**Status last updated**	**Initiatives/Focus topics**	**Marketing Topics**
CoreCollective TAC	2026-05-01	N/A	Attending OSSNA CoreCollective on LinkedIn
Android	2026-05-11	Developing Remit	TBD
CCA	2026-05-11	Collaboration on open-source CCA reference software development Landing CCA on reference platforms Linux distro CCA enablement CCA attestation enablement QEMU platform/VMM CCA	TBD
Data Center	2026-05-12	TBD	TBD
Edge Compute	2026-05-06	Boot, Secure Boot, Firmware, SystemReady, TF-A, Devicestree UEFI Capsule Update Device Lifecycle, A/B update, Rollback & recovery Security, SBOM, CVEs, TPM/OP-TEE, SBOM Kernel Drivers, BSP upstream health, subsystem enablement, maintainance Connectivity & Networking AI/ML at the Edge Distro compatibility Edge Virtualization	TBD

Linux Fundamentals	2026-06-02	Currently Funded:
		• Scheduler:
		  • Enabling new interrupt technology support
		  • SME2 task placement
		• QoS for user space influence
		• Linux Kernel GIC v5 support
		• CCA & Device Attestation in Linux kernel
		• Debug and Trace support
		• Arm SoC maintenance
		• LLVM/GCC Toolchain CI
		  • GIC V5
		
		New proposed work/Under consideration
		• Performance & Scalability (potential Champion, Ampere)
			TBD

Windows on Arm	2026-05-06	* LLVM: WoA CI, Missing intrinsics, Performance analysis (Deemed funded) * LLVM (Member-staffed) * Python package support (Member-staffed) * Get GCC to minimum viable product (Member-staffed) * Software product enablement (Member-staffed) * www.worksonwoa.com redesign (Member-staffed)	TBD
Virtualization	2026-05-12	Virtualization(Kernel & Hypervisor) Simulation (QEMU) VirtIO FF-A Maintenance	TBD

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Potential Working Groups/Initiatives

The following groups are currently under investigation. Will be brought to TAC when proposals are firmed up.

- Long Term Maintenance (Linux, Firmware, TEE)
- Test Automation
- AI Runtimes and Edge Deployment
- CRA Security (Part of Long Term Maintenance?)
- **Kernel – Scalability and Performance**

For new WG proposals, email Grant and Don



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Thank You!