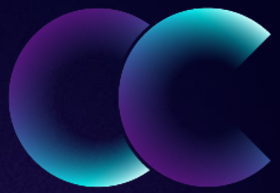
Confidential Compute Working Group (WG) Kickoff



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Where the Arm software ecosystem connects

22nd June 2026

Confidential Compute WG Agenda 8th June 2026

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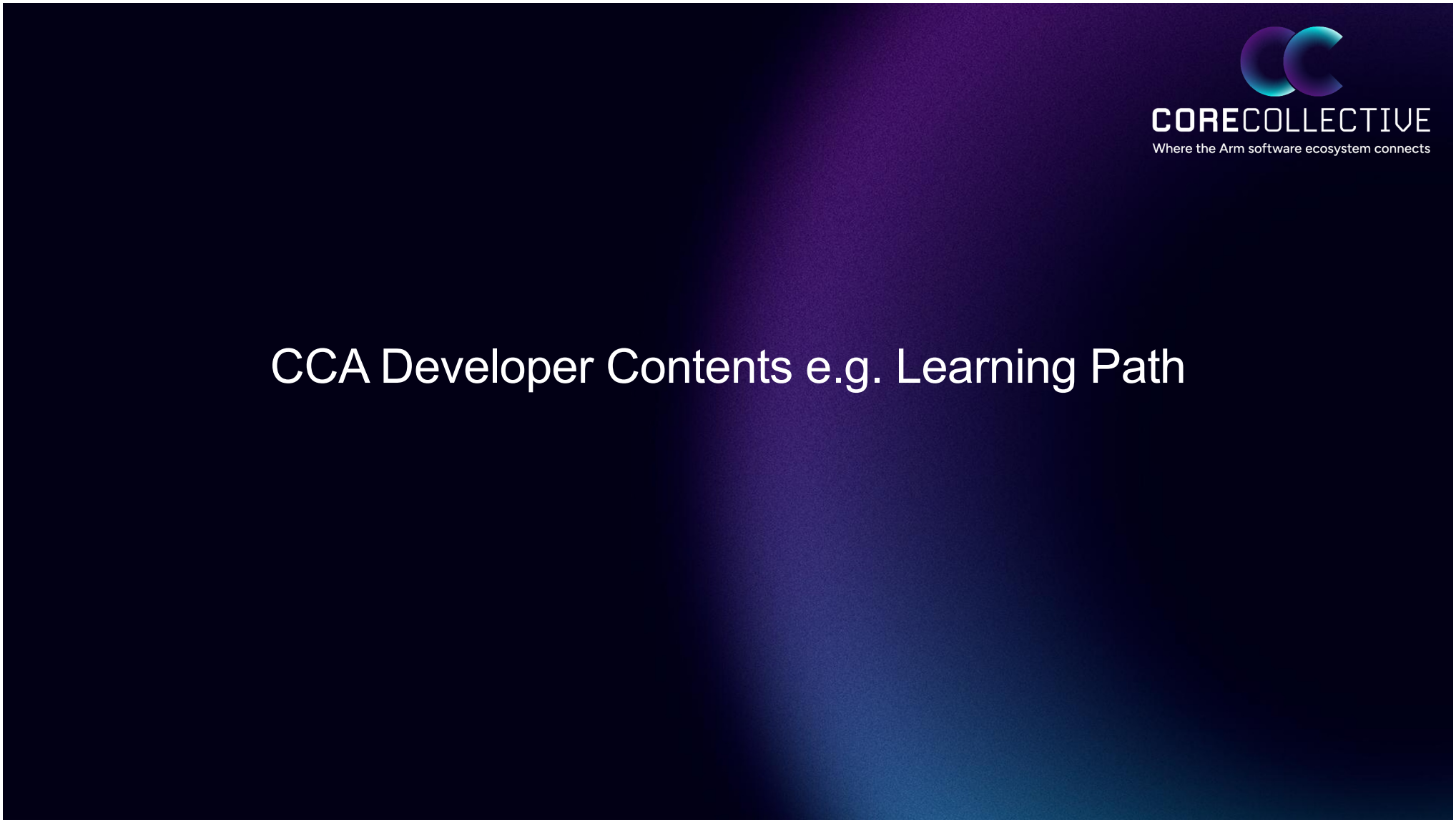
- CoreCollective News
- Arm CCA RME Developer Content Intro
- Linaro CCA QEMU Update & Roadmap
- Round the table – CCA Pain Points/Needs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CCA Developer Contents e.g. Learning Path

CCA/RME developer enablement content

Support for developers and partners

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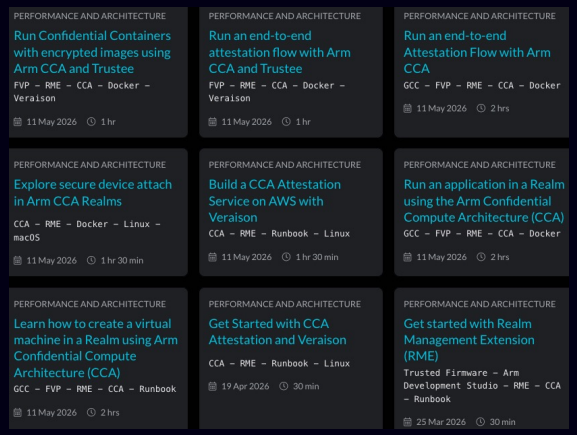
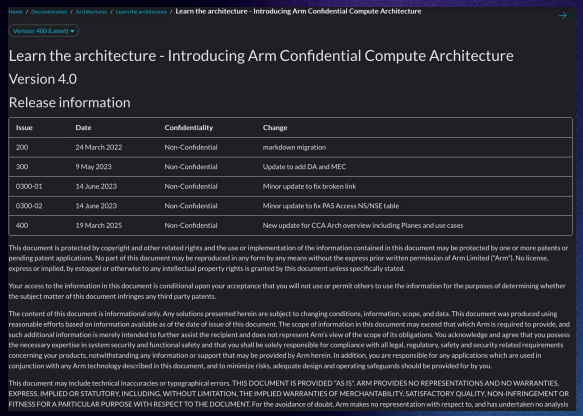
Learning Paths

- https://learn.arm.com/tag/cca
- Demonstrate validated Arm CCA workflows through practical developer content



Documentation

- https://developer.arm.com/documentation/den0125
- Provide end-to-end reference guidance on Arm CCA architecture, attestation and verification


Learn the architecture - Introducing Arm Confidential Compute Architecture
Version 4.0
Release information

Issue	Date	Confidentiality	Change
200	24 March 2022	Non-Confidential	markdown migration
300	9 May 2023	Non-Confidential	Update to add DA and MEC
0300-01	14 June 2023	Non-Confidential	Minor update to fix broken link
0300-02	14 June 2023	Non-Confidential	Minor update to fix PAS Access NS/NSE table
400	19 March 2025	Non-Confidential	New update for CCA Arch overview including Planes and use cases

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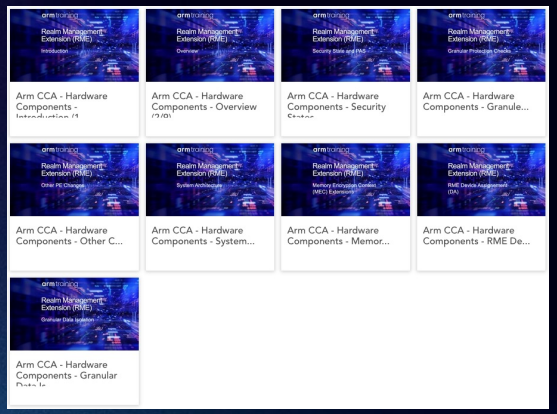
Training videos

- https://arm.fuseuniversal.com/topics/164363#
- Provide video-based training that complements the documentation



CCA/RME learning paths

Demonstrating validated CCA workflows

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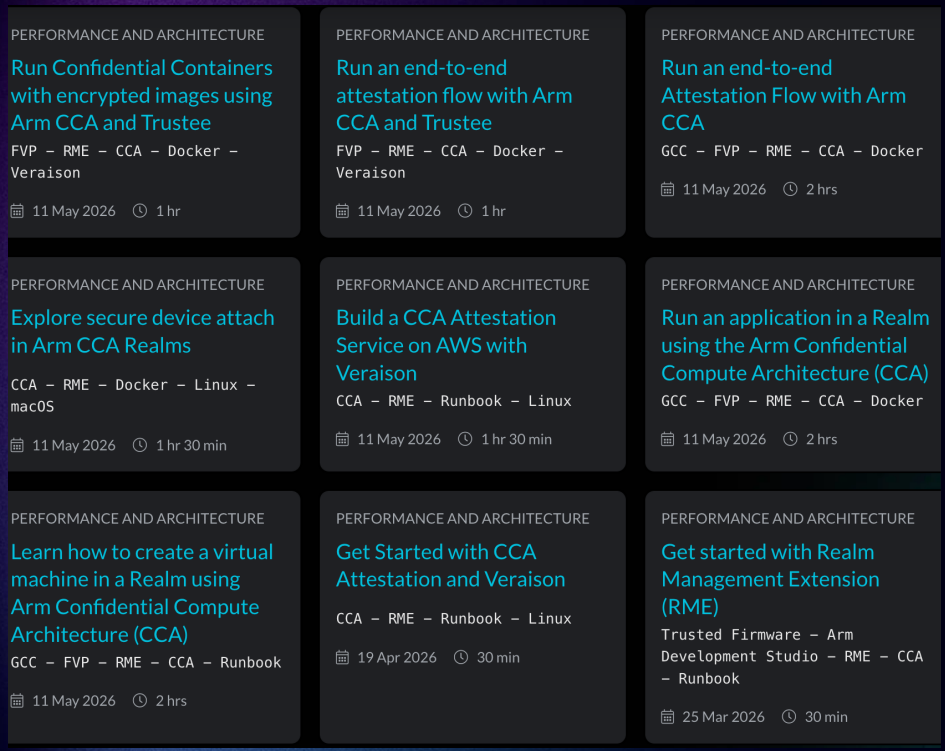
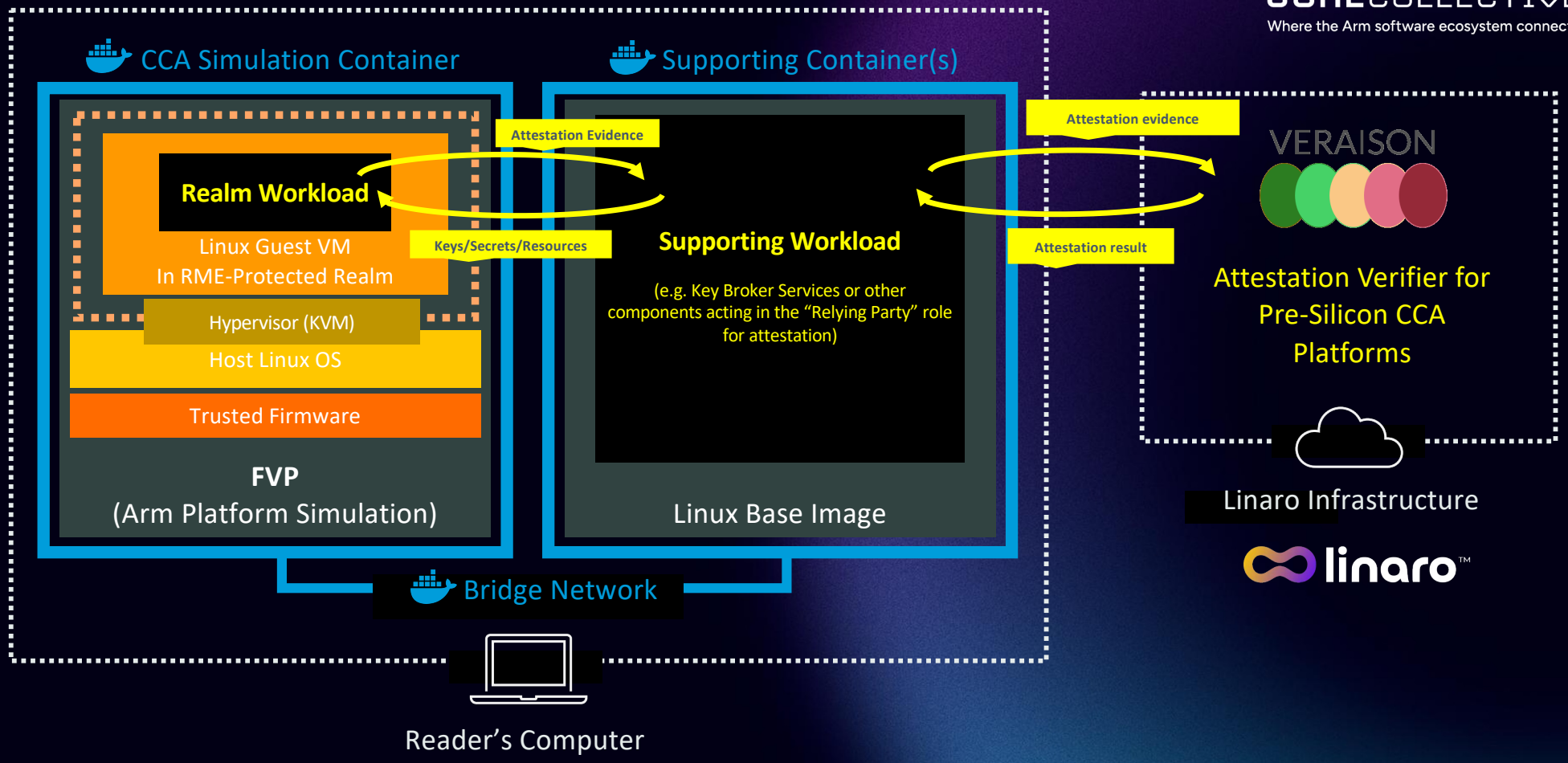
Considerations

- Stack readiness: is there a stable, demonstrable end-to-end workflow?
- Upstream alignment (RMM1.1 → RMM2.0): minimise rework from building on non-upstream branches
- CE software dependencies e.g. Device Attach, P0 Lite, vTPM stack maturity
- Engineering readiness: some areas require additional implementation work first (e.g. Boot Sync attestation)



Common Architecture for Attestation Flows



A Progressive Learning Journey

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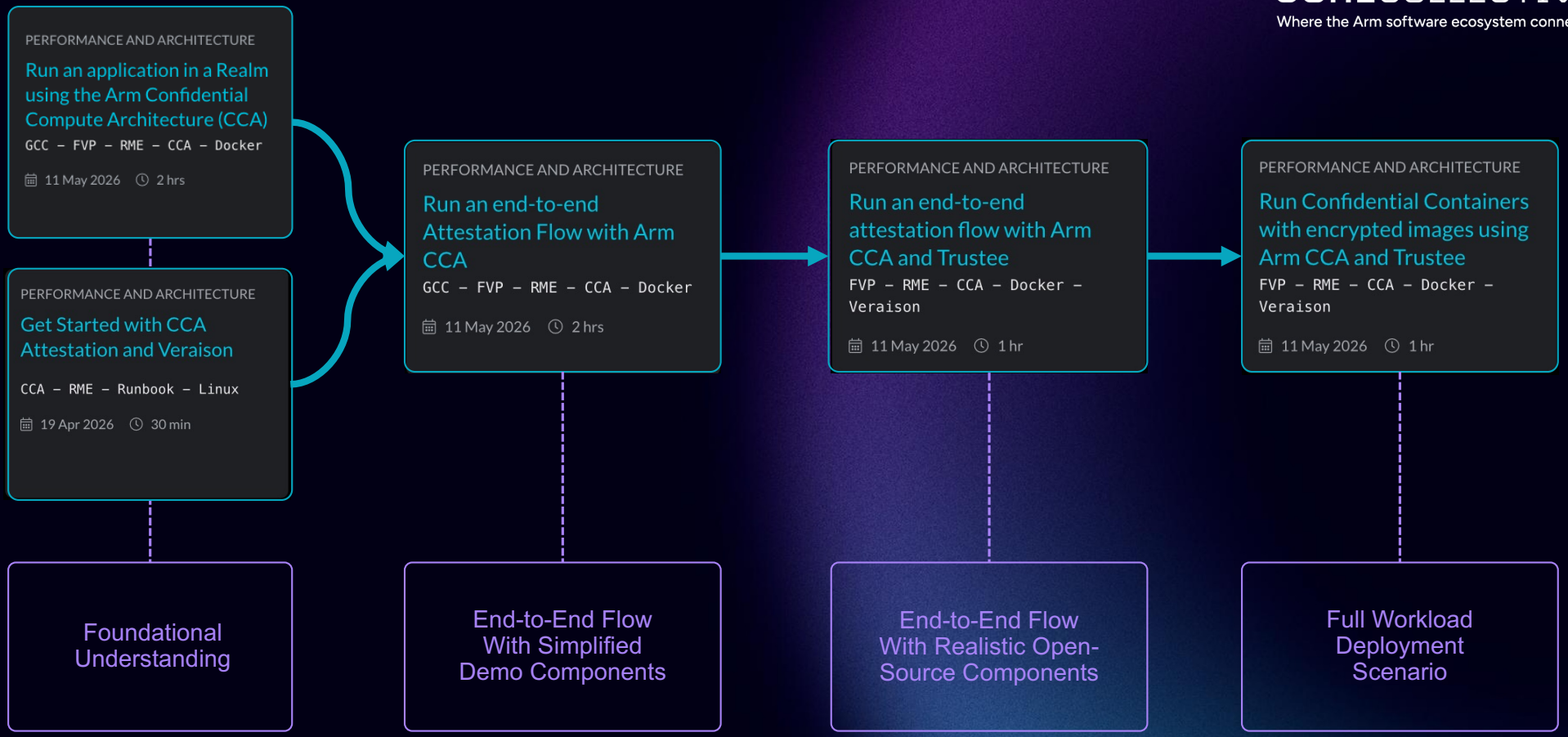

CCA developer enablement roadmap

Learning path
Architecture document
Training video

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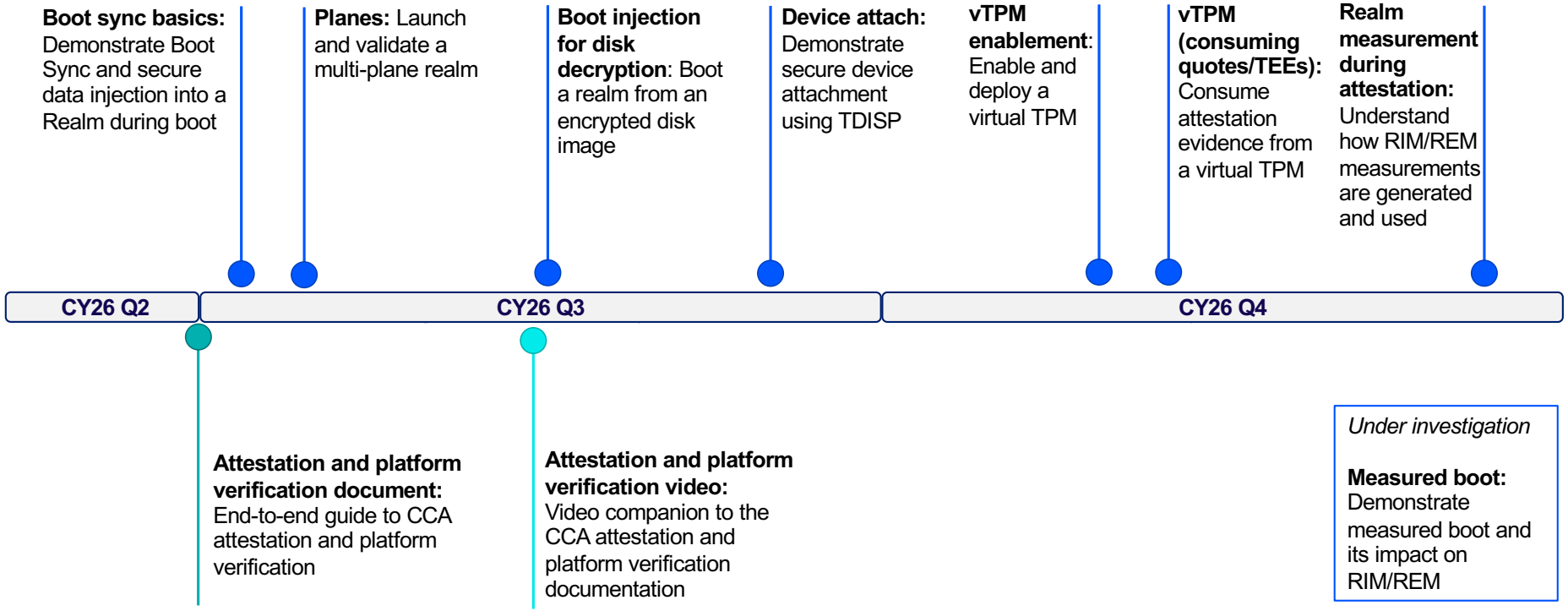
Provisional timings not committed



Any other business?

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- Agenda for next meeting
  - Partners to present Pain points/needs on CCA


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Appendix

Joining the Confidential Compute Working Group

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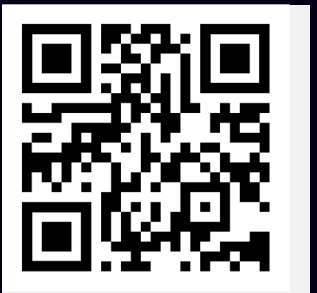
- Join CoreCollective
  - Company: sign and submit Membership Agreement https://corecollective.dev/join/

- After your company has signed the Membership Agreement, please email confidential-compute+subscribe@corecollective.dev from your company email domain
  - Or ”Ask to Join” group from https://groups.google.com/u/0/a/corecollective.dev/g/confidential-compute



CoreCollective.dev

Note: Subscriptions are restricted to company email domains of current members

CoreCollective Terminology

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- **Working Group (WG):** A Working Group (WG) is a free-to-join, technology-focused forum for member companies. Its purpose is to target, evangelise, and advance Arm technology within domain-specific verticals (such as Automotive, AI, or Edge Compute) in the Open Source community. Working Groups are typically either standards-based (with no engineering involved) or Initiative-based.
- **WG Initiative:** A WG Initiative is a long-term engineering development effort contained within and guided by a Working Group. Each WG Initiative is funded by Sponsorship from one or more member companies and is executed by an Open Source Solution Provider (OSSP). A WG Initiative may comprise multiple workstreams, but its higher-level focus will reflect a sustained level of effort in Open Source development.
- **Open Source Solution Provider (OSSP):** An Open Source Solution Provider (OSSP) is a specialised engineering firm that bridges commercial requirements and the Open Source ecosystem. OSSPs provide expert development, integration, and long-term maintenance of software stacks (such as the Linux kernel or AI frameworks). They focus on "upstream" contributions to ensure hardware enablement and long-term architectural sustainability for WG Initiatives.
- **Workstream:** a component of work within a WG Initiative. Example: The Virtualisation WG Initiative may include multiple workstreams, such as QEMU, VirtIO, and even a workstream to fund a maintainer for an open-source project.

CoreCollective Terminology continued



- **WG Chair:** Each Working Group is led by a WG Chair, an influential technical expert. The WG Chair is responsible for leading members toward a solution-focused WG Initiative that addresses ecosystem gaps of interest to the broader community. The WG Chair is supported by a CoreCollective Community Manager to guide them efficiently through CoreCollective processes, leading to the deployment of member-desired Initiatives.
- **Community Manager:** For each Working Group, a Community Manager will be assigned to facilitate all WG administrative tasks as defined in the Working Group Life Cycle of the Charter. They will support the WG Chair in driving Initiatives, scheduling/funding support, reporting, and OSSP vendor selection.
- **Technical Advisory Committee (TAC):** The Technical Advisory Committee (TAC) oversees the Working Group. It approves the addition, removal and advancement of Working Groups through the WG Life Cycle.
- **TAC Chair:** The Technical Advisory Committee (TAC) Chair is the individual ultimately responsible for all CoreCollective Collaborative efforts. This person also evangelises CoreCollective membership and is key to determining when to initiate new WGs.