



**Enabling On-Device Confidential Computing
Accelerating the Adoption of CC on End User Devices**

Annual Review

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Annual Review Questions

- The project's submission template or Technical Charter have changed?
No change
- The project's progression status? Incubation stage
- Any budget allocations? None
- License? Apache-2.0 (The same as last year)
- OpenSSF Best Practices Badge status
 - Improvement from 64% to 99%

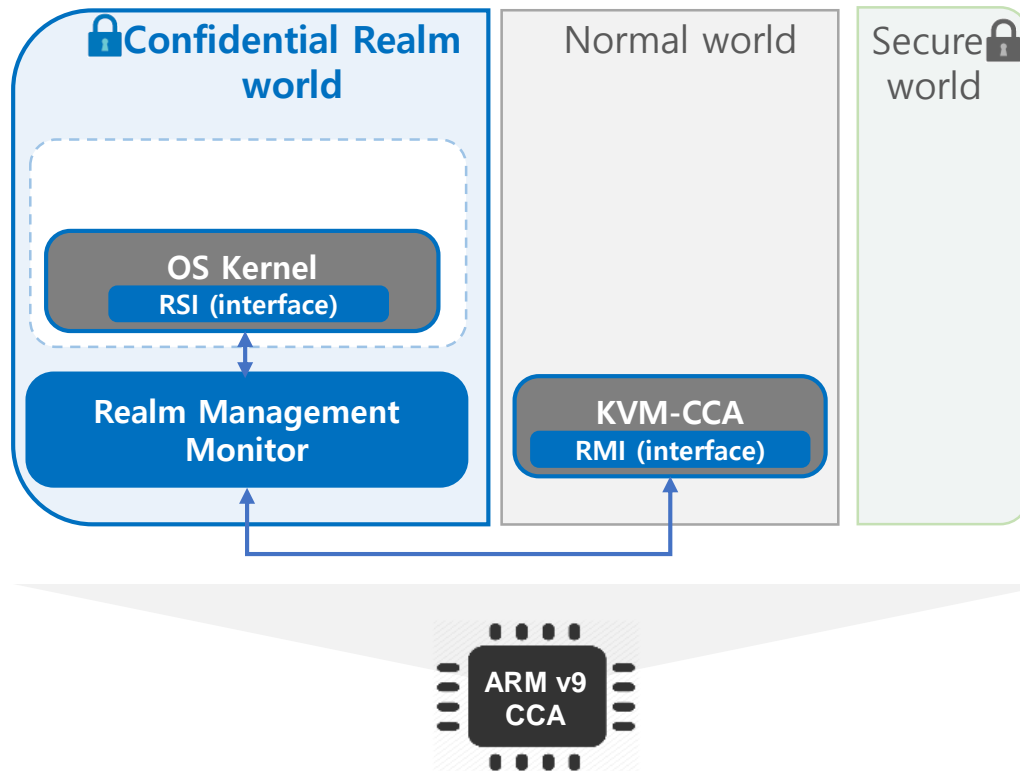
openssf best practices in progress 99%

Community Activities

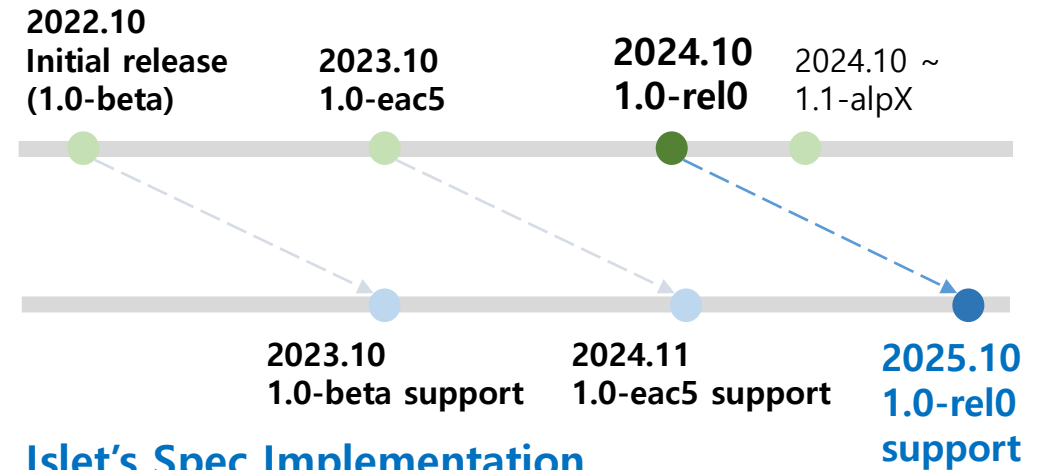
- CCC Mentorship program:
 - Task: Strengthening Security through Fuzz Testing
- Poster presentation at CC Summit 2025
 - Title: A Security Monitor Framework For On-Device Confidential Computing
- Areas for improvement:
 - Not successfully expand maintainers or contributors

Technical Progress

1. Islet-RMM: Implementation updated to support Arm's RMM specification v1.0-rel0.

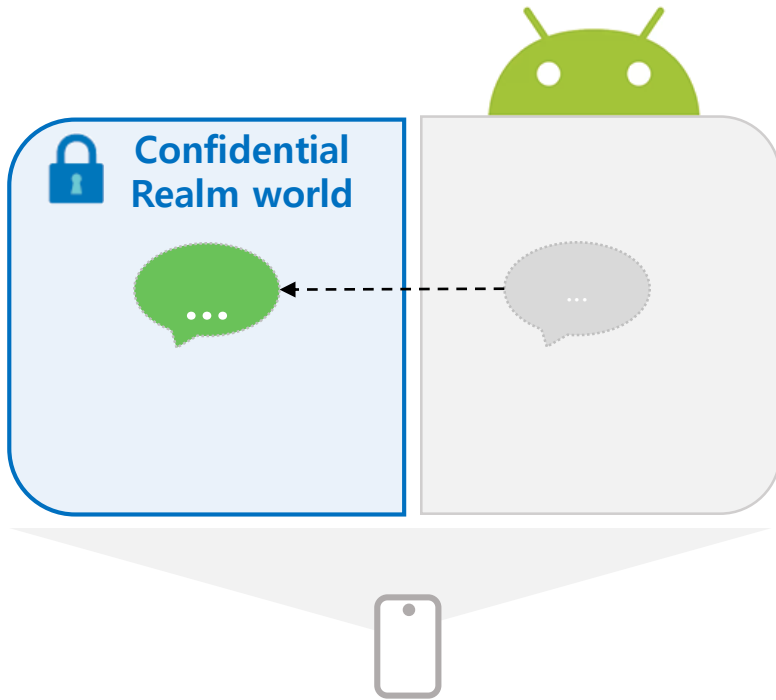


Arm's RMM Spec Release



Technical Progress

2. Enabled the Android app code to run inside Realm



Apps that use AIDL binder communication can run confidentially with minimal changes.

```
@GenerateCCService(className="CCService")
interface IExampleInterface {
    int addInt(int a, int b);
    int getRandomNumber();
}
```

Upcoming Release

- Currently being refined.
- Open it by the end of this year or early next year.
- To benefit App developers with On-device CC.
- And to encourage code contributions.

Plans for 2026

- Expand Android CC: applying it to real-world apps.
- Enhance performance of Islet.
- Improve documentation.

THANK YOU!

QUESTIONS?