



OCP Open System Firmware (OSF) Tech Talk Kickoff

Anjaneya "Reddy" Chagam, Cloud Architect, Intel

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Agenda

- OSF Project Overview
- OSF 2022 Plans

OSF May'22 TechTalk Agenda

Presenter (Company)	Time/Duration	Topic
Ryan O'leary (Google), Anjaneya "Reddy" Chagam (Intel)	8:30 - 8:50 AM	OSF status and plans for this year
Ron Minnich (Google), Jonathan Zhang (Meta)	8:50 - 9:10 AM	coreboot on OCP systems
Jonathan Zhang (Meta), Johnny Lin (Wiwynn), Tim Chu (Quanta), Arthur Heymans (9E), Marc Jones (SysPro)	9:10 - 9:40 AM	OSF for Intel Xeon-SP OCP Servers Reaching New Heights
Bu, Daocheng (Amos) (Intel)	9:40 - 10:00 AM	Enabling Xeon runtime RAS capability for Open System Firmware (coreboot) using FSP-SMM
Break	10:00 - 10:10 AM	
Kelly Bryant (AMI), Brian Mullen (AMI)	10:10 - 10:30 AM	Building SBoM for System Firmware
Bryan Cantrill (Oxide)	10:30 - 10:50 AM	Towards Holistic Systems
Jean-Marie Verdun (HPE), Arun Koshy (HPE)	10:50 - 11:10 AM	OSF-CI Contest status update
Jeff Booher-Kaeding (ARM)	11:10 - 11:30 AM	Update on SystemReady LS, Linuxboot on Arm

OSF Project Overview

- OCP Project **since August 2019**
- **Incubation Committee Representative: Dong Wei**
- **Project Leads: Anjaneya “Reddy” Chagam, Ryan O'Leary**
- **Docs:** https://www.opencompute.org/wiki/Open_System_Firmware
 - Charter
 - Transition Schedule
 - Checklist
- **OCP Platform Badging: OSF Checklist**
 - **Required for OCP Acceptance**
 - **Optional for OCP Inspired**
 - https://www.opencompute.org/wiki/Open_System_Firmware/Checklist
 - Existing OSF submissions on Github:
<https://github.com/opencomputeproject/OpenSystemFirmware>

OSF Project 2022 Focus

- **OCP Platform Badging**
 - OSF Checklist revisions (beyond server host firmware)
 - OSF Badging for upcoming platforms
- **OSF Firmware Test & Validation**
 - Test & Validation Frameworks
 - Firmware Test Content
 - OCP Community Lab
- **OSF Specs/Collateral**
 - OCP White Papers (e.g., Why OSF?)
 - OCP Solution Guides
- **Cross Project Team Coordination**
- **Focused Technical Discussions**
 - Emerging OSF stacks (e.g., oreboot, Slimboot)
 - Runtime RAS
 - IBV OSF Enabling
 - LinuxBoot/kexec/Payloads
 - Firmware Support Package revisions