

Contribution ID: 185 Type: not specified

Device attestation, secure channel setup / SPDM - how to make progress?

Tuesday 13 September 2022 15:00 (1h 30m)

In 2021, at the Plumbers VFIO/IOMMU/PCI micro-conference, we introduced device attestation of PCI devices via CMA/SPDM (Component Measurement and Authentication / Security Protocol and Data Model). However, device attestation and SPDM is not a PCI specific topic and the decisions made for a Linux implementation need to take into account other transports and use cases. Hence this proposal for a BoF rather than session in either PCI or CXL uconf.

Whilst the 2021 session was productive in raising awareness of this important topic and finding others who had short term requirements, it was new to many of those attending so little progress was made on some of the open questions.

Moving forwards a year, interest in this space has grown with the side effect that the list of questions is getting ever longer and fundamental disagreements have occurred that would benefit from face to face discussion. As such, this BoF will assume the audience are at least somewhat familiar with the topic and what has been proposed and move rapidly onto plotting a path forwards.

Current status:

Major Proposed Topics:

People likely to be interested:

I agree to abide by the anti-harassment policy

Primary authors: CAMERON, Jonathan (Huawei Technologies R&D (UK)); WUNNER, Lukas

Presenters: CAMERON, Jonathan (Huawei Technologies R&D (UK)); WUNNER, Lukas

Session Classification: BOFs Session

Track Classification: Birds of a Feather (BoF)