

Linux Plumbers Conference 2024



Contribution ID: 90

Type: **not specified**

Discuss about an ABI for a performance capping framework

Friday 20 September 2024 12:00 (45 minutes)

The userspace which has a complex logic to manage the thermal envelope of the platform is often platform specific because custom kernels export clumsily interfaces to act on PM. Therefore, the userspace is often unusable when we want to support mainline kernels. That leads to more work as there are multiple userspace implementation to achieve the same goal. The objective of the discussion / proposal is to agree on interfaces we can use to have generic mechanism in userspace to act on performance, thermal and power without a knowledge of the hardware the logic is running on.

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Session Classification: Birds of a Feather (BoF)

Track Classification: Birds of a Feather (BoF)