Contribution ID: **216**   Type: **not specified**

Performance improvements in power-sharing scenarios

Friday, 28 August 2020 09:20 (25 minutes)

There are use cases in which the processor shares power budget with some other data-processing devices, like a GPU. In those cases it may be possible to improve the performance of the system by limiting the maximum frequency of CPUs. We will discuss possible ways to utilize this observation in the Linux kernel.

See https://lore.kernel.org/linux-pm/20200428032258.2518-1-currojerez@riseup.net/ for one possible approach to this problem.

I agree to abide by the anti-harassment policy

I agree

Primary author: WYSOCKI, Rafael (Intel Open Source Technology Center)

Co-author: JEREZ, Francisco

Presenters: WYSOCKI, Rafael (Intel Open Source Technology Center);   JEREZ, Francisco

Session Classification: Power Management and Thermal Control MC

Track Classification: Power Management and Thermal Control MC