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(Impact of) Recent CPU topology changes

Tuesday, 13 September 2022 18:00 (15 minutes)

Acting on the expectation that both device-tree and ACPI enabled systems must present a consistent view of the CPU topology, Sudeep submitted at [1] (currently v6) a series of patches that firstly fix some discrepancies in the CPU topology parsing from the DT /cpu-map node, as well as improve detection of last level cache sharing. The conference topic aims to discuss the impact of these changes to userspace facing CPU topology information and in the use of more unconventional DT topology descriptions ("phantom domains" - u-arch or frequency subgrouping of CPUs) present in Android systems.

[1] https://lore.kernel.org/lkml/20220704101605.1318280-1-sudeep.holla@arm.com/

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Yes

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