

Remote offline of a CPU through Hardware Feedback Interface to increase system TDP

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Intel Hardware provides guidance to the Operating System (OS) scheduler to perform optimal workload scheduling through a hardware feedback interface structure in memory. Via this interface Hardware can also provide recommendation to the OS to not schedule any software threads on a CPU, so essentially offline a CPU remotely. There are three methods to implement this, each has its own advantages and disadvantages. Discuss the best method to implement this feature.

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