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CPUfreq/sched and VM guest workload problems

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Running a workload on VM results in very disparate CPUfreq/sched behavior compared to running the same workload on the host. This difference in CPUfreq/sched behavior can cause significant power/performance regression (on top of virtualization overhead) for a workload when it is run on a VM instead of the host.

This talk will highlight some of the CPUfreq and scheduler load tracking issues/questions both at the guest thread level and at the host vCPU thread level and explore potential solutions.

I agree to abide by the anti-harassment policy

Yes

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