CPU isolation tuning through cpuset

A long term project for CPU isolation is to allow its features to be enabled and disabled through cpusets. This includes nohz_full, unbound load affinity involving kthreads, workqueues and timers, managed IRQs, RCU nock mode, etc... These behaviors are currently fixed in stone at boot time and can’t be changed until the next reboot... The purpose is to allow tuning these at runtime, which happens to be very challenging.

Let’s explore the current state of the art!

I agree to abide by the anti-harassment policy

Yes

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