Title: Scheduler Microconference

The scheduler is an important functionality of the Linux kernel, deciding what process gets to run when and for how long. With different topologies and workloads, it is no easy task to give the user the best experience possible.Schedulers are one of the most discussed topics at the Linux Kernel Mailing List, but many of these topics need further discussion in a conference format. Indeed, the scheduler microconference is responsible for many topics to make progress.

For example, at last year’s Scheduler MC, we discussed core scheduling which is now on its way to being merged [1]. The scheduling fairness patches were merged [2], NUMA topology limitations fixes were added to the kernel [3]. Not only some progress was made in the direction of accepting patches, but also some topics were proved to be not feasible, like ”Flattening the CFS runqueue,” and this was facilitated by the conference format.

This year, we think the following topics will lead to a productive microconference:

- Cgroup interface and other updates for core-scheduling [1]
- Cgroup and SCHED_DEADLINE [4]
- Capacity Awareness – For busy systems
- Interrupt Awareness
- Load Balancing
  - Periodic [5] [6]
  - NUMA load balancing

Come and join us in the discussion of controlling what tasks get to run on your machine and when. We hope to see you there!

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I agree to abide by the anti-harassment policy
I agree

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