

# Is it time to bring in scheduler tunables?

Dhaval Giani

Assisted by Vincent Guittot, Linaro

# About

- Spent 2 yrs at RETIS!
- Oracle Linux, Upstream Team
- Scheduler/Cgroups

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# Server vs Mobile!

# Oracle Linux Customers

- Oracle Cloud
- Oracle Database
  - Will take 0.1% performance improvement!
- Story

# Mobile

- Interactivity is important!
- Interactivity over Energy Efficiency
- Energy efficiency over performance

\*Thanks to Vincent



Is it time for multiple process schedulers?

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\* Bulletproof vest is on!

# Failed experiment!

- I/o schedulers
- Developer resources split!

# Scheduler Tunables?

- Already exist
  - CONFIG\_FAIR\_GROUP\_SCHED
  - CONFIG\_SCHED\_AUTOGROUP
  - /proc/sys/kernel/sched\_\*
    - 12 on my laptop
  - Sched features

# SCHED\_FEAT

- “Only for debugging”
- Already exposed to user space, so ABI?

# Is it time for tunables?

- Discuss!

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