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Android usage of memory pressure signals in userspace low memory killer

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Android's transition from in-kernel lowmemorykiller to userspace LMKD introduced a number of challenges including low-latency memory pressure detection and signaling, improving kill decision mechanisms and improving SIGKILL delivery latency. This talk will focus on the memory pressure detection mechanism based on PSI (Pressure Stall Information) recently developed by Johannes Weiner. It will also present PSI Monitor module currently in development stage.

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