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Microconference for resctrl

resctrl provides a Linux infrastructure to allocate and monitor shared memory and cache resources for higher performance and better QoS. It was first introduced into the kernel with X86 Intel Resource Director Technology (RDT). Later resctrl accepted AMD QoS. Over years, resctrl has been widely adopted by CSPs and client customers. It's on-going effort for resctrl to accept new RDT and AMD QoS new features. Currently resctrl is trying to integrate ARM Memory Sub-system Partitioning and Monitoring (MPAM).

The microconference will discuss current development of resctrl including ARM MPAM, Intel memory region based Memory Bandwidth Allocation and Monitoring (MBA/MBM), AMD Assignable Bandwidth Monitoring Counters (ABMC), Cache Monitoring Technology (CMT) based sched_ext, and other related on-going work.

This would be the first microconference for resctrl. With more and more developers from different companies working on resctrl, this microconference would be a good opportunity for the developers to discuss key technical challenges and next steps.

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