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KVM

KVM (Kernel-based Virtual Machine) enables the use of hardware features to improve the efficiency, performance, and security of virtual machines created and managed by userspace. KVM was originally developed to host and accelerate "full" virtual machines running a traditional kernel and operating system, but has long since expanded to cover a wide array of use cases, e.g. hosting real time workloads, sandboxing untrusted workloads, deprivileging third party code, reducing the trusted computed base of security sensitive workloads, etc. As KVM's use cases have grown, so too have the requirements placed on KVM and the interactions between it and other kernel subsystems.

The KVM Microconference will focus on how to evolve KVM and adjacent subsystems in order to satisfy new and upcoming requirements. Potential topics include:

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