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Supporting Live Migration of Confidential VMs in KVM

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Confidential VM live migration involves migrating the running secure VM on the same host or to another host. Vendors are designing solutions to achieve this based on underlying Coco technology. AMD SEV-SNP plans to achieve this with the co-operation of an SVSM (Secure VM Service Module), or similar service, running in guest context. Intel plans to achieve this with a migration TD VM.

The goal of this talk is to discuss the design details of the SEV-SNP live migration solution and how a common API to achieve this can be created for use across all vendors.

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