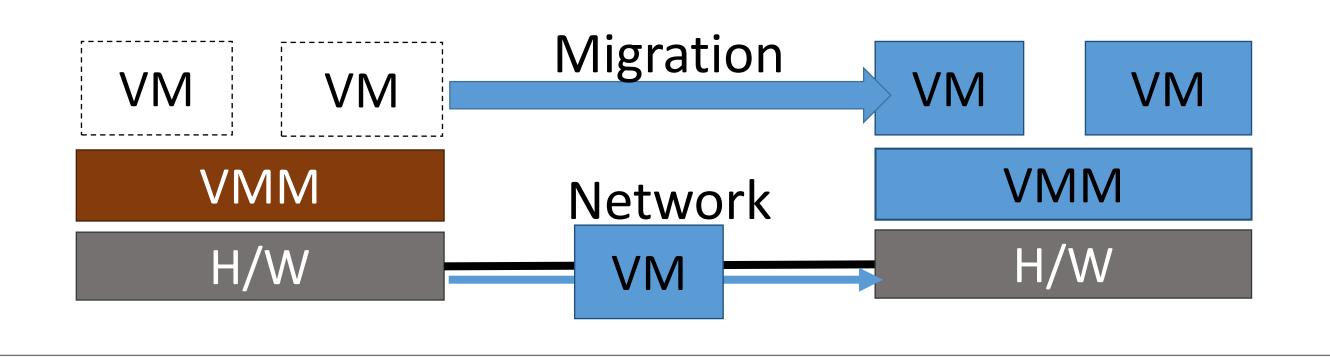
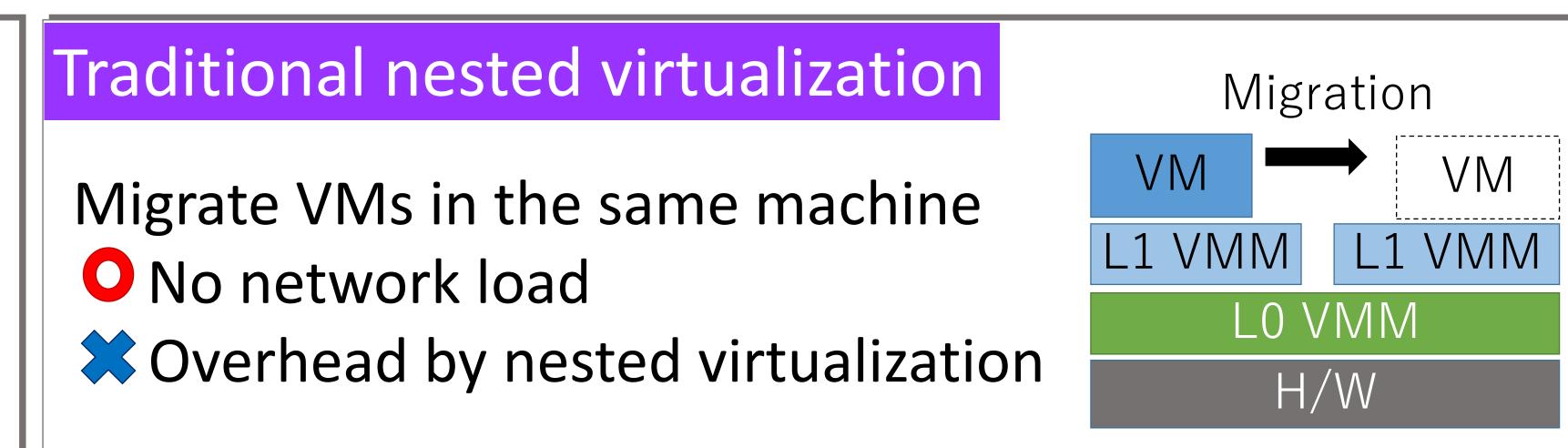
## **Toward On-demand Nested Virtualization** for Live-Refreshing Cloud Systems

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## Background

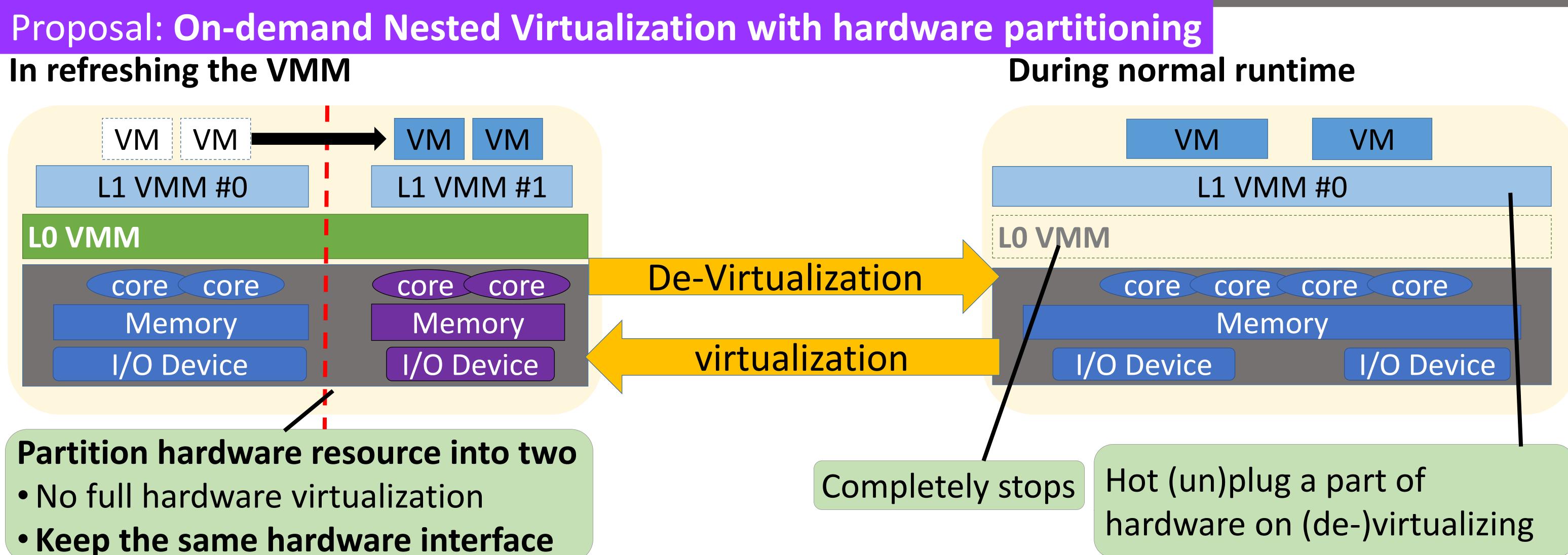
•VMM needs to be refreshed (=rebooted) for applying patches, upgrading, rejuvenation •VMs live migrated avoids stopping VMs • Problem: Heavy network load

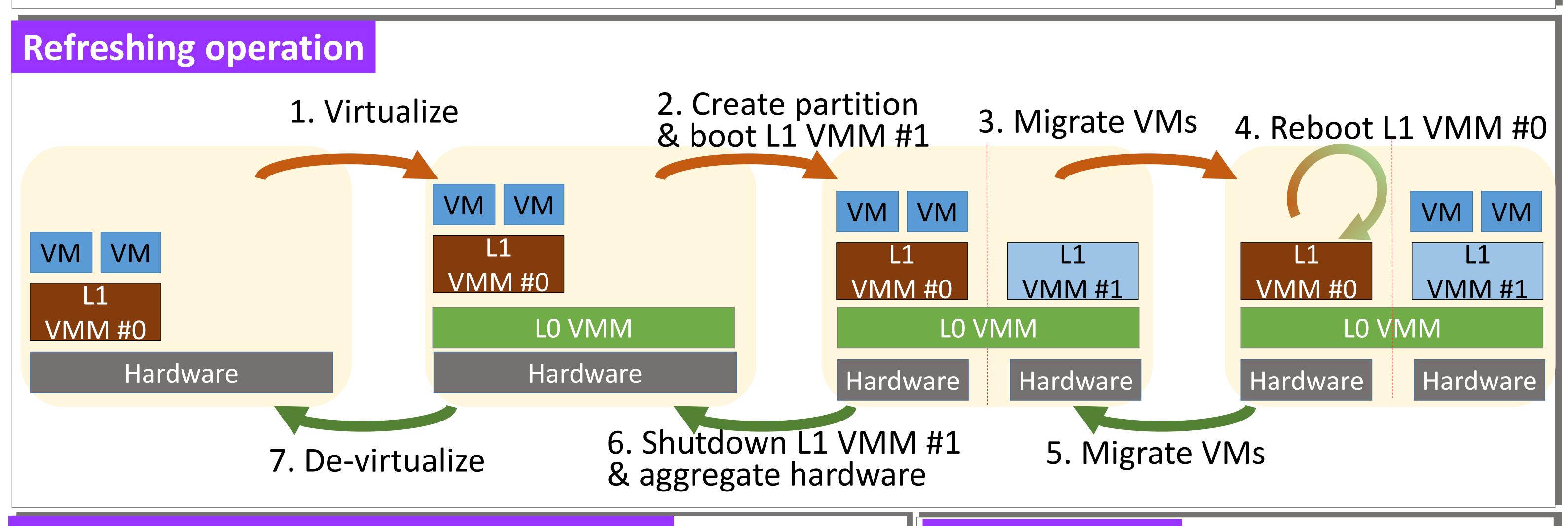




## Our goal

(1) Keep the advantages of nested virtualization (2) Eliminate the nested virtualization overhead





Performance evaluation: KVS throughput

