

Can you benefit from running simulations in the public cloud today?

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Abstract

Every engineer has had the experience of waiting in a queue for a job simulation. The wait can take days or weeks depending on the capital the organization has invested in their HPC infrastructure.

In this session we will briefly review the most common hardware requirements for simulations including CPU, GPU, Interconnect, Memory and Storage. Secondly we will review today's public cloud offerings for HPC discussing providers such as Amazon and Microsoft Azure. Finally we will review benchmarks with cases utilizing top simulation CAE tools (such as LS-Dyna , CONVERGE, and STAR-CCM+) on the public cloud and highlight some best engineering tuning tips for maximum performance and speed.

This session will help you determine if you are ready to bring your simulation workload to the cloud.