

CLOUDYCLUSTER: SIMPLE SELF-SERVICE HPC IN THE CLOUD

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ABSTRACT

Increasing widespread demand for accessible and simplified HPC has led Omnibond, LLC, to develop CloudyCluster, an AWS-based self-service HPC offering. CloudyCluster allows anyone to quickly setup, configure and use HPC clusters from desktop or mobile devices in their own AWS account. This talk will give an overview of CloudyCluster and show a live demo of spinning up and collaborating with CloudyCluster. We will also show how CloudyCluster simplifies HPC, decreasing the time and effort required to create and use an HPC environment in AWS.