

Workshop

Introduction to LAVA workload scheduler

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Abstract

One of the important components of High Performance Computing (HPC) is workload scheduler which provides mechanism for distributing users' tasks to be executed on processors in the cluster. Platform Lava is an open source entry-level workload scheduler designed to meet a wide range of workload scheduling needs for clusters up to 512-nodes. Lava provides the advantages of scalability, reliability and fault tolerance ability with useful manageable tools for administrating and interfaces for users which will help users bring more computing power and improve performance of using the cluster. We will introduce how to install and configure Platform Lava workload scheduler software on Linux cluster and user instructions of using Lava workload scheduler.