

Experiences with LSF and cpusets on the Origin3800 at Dresden University of Technology

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ABSTRACT: Based on the long experience with Cray and SGI machines (Cray T3E and SGI Origin2800) in a complex application-oriented environment and the usage of these machines for parallel applications, an operational concept was designed for the Origin3800 at Dresden University of Technology. The exclusive usage of processors by means of LSF and cpusets is the main feature of this concept. We present our initial problems concerning the installation and configuration of LSF 4.1 with cpusets up to the enforcement of our operational concept.