

Scalable Performance Analysis of Parallel Systems

H. Brunst, W.E. Nagel

Abstract

We have developed a distributed service architecture and an integrated parallel analysis engine for scalable trace based performance analysis. Our combined approach permits to handle very large performance data volumes in real-time. Unlike traditional analysis tools that do their job sequentially on an external desktop platform, our approach leaves the data at its origin and seamlessly integrates the time consuming analysis as a parallel job into the high performance production environment.