## A Distributed Performance Analysis Architecture for Clusters

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## **Abstract**

The use of a cluster for distributed performance analysis of parallel trace data is discussed. We propose an analysis architecture that uses multiple cluster nodes as a server to execute analysis operations in parallel and communicate to remote clients where performance visualization and user interactions occur. The client-server system developed, VNG, is highly configurable and is shown to perform well for traces of large size, when compared to leading trace visualization systems.