Abstract

Load balancing is a technique of balancing the load on virtual machines for the number of requests coming from the Users to access resources over Data Centers. Here in this paper a new and effectual tactic for Load Balancing over computing is proposed using Modified Active Load Balancing by Ant based Clustering Algorithm. The Existing technique implemented for Load balancing on Cloud Simulators fails to provide efficient load balancing, hence a new approach is proposed where Clustering is done ant based gathering on the basis of Utilization of Virtual Machines. The Proposed methodology provides efficient Throughput and MakeSpan time.

References

2. Mell, Peter and Grance, Tim, “The NIST definition of cloud computing”, National Institute

**Index Terms**

Computer Science  
Distributed Systems
Keywords

Cloud Computing, Ant Colony Optimization, Clustering, Active Monitoring, Load Balancing