Modified Active Monitoring Ant Clustering based Load Balancing over Public Clouds

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Abstract

Cloud computing is a technique of sharing resources over Internet, where Users Can Share or Store Resources and Data over Data Centers processed by Virtual Machines. During the Access of Resources over Data Centers requires load to be balanced by Virtual machines. The Existing Naïve Bayes Clustering is an efficient technique for Load Balancing over Cloud, but the existing methodology takes low Throughput and Make Span Time. Hence a new and efficient technique is implemented for Load Balancing over Public Clouds using Modified Active Monitoring based Ant Clustering. The Proposed Methodology implemented provides High Throughput and Make Span time as well as low Standard Deviation in Comparison with the Existing Naïve Bayes Load Balancing.

References

5. VMware. VMware virtualization software, 2012.
Index Terms

Computer Science

Artificial Intelligence

Keywords

Cloud Computing, Virtual Machines, Load Balancing, Naïve Bayes Clustering, Ant based Clustering, Active Monitoring.