Abstract

In the vast complex world the emergence of cloud computing and its applications and uses in load balancing has been raised up to the maximum level. The number of users accessing this service is increasing drastically day by day. As the cloud is made up of datacenters; which are very much powerful to handle large numbers of users still then the essentiality of load balancing is vital. However load balancing is a technique of distributing the loads among various nodes of a distributed system to minimize the response time, minimize the cost, minimize the resource utilization, and minimize the overhead. The aim of this paper is to briefly discuss about various efficient and enhanced load balancing algorithms and experimentally verify how to minimize the response time and processing time through the tool called cloud analyst.

References

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**Index Terms**

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Computer Science
Algorithms
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**Keywords**

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Cloud computing
Load balancing
Round robin
Active monitoring
Throttled
Response time minimization
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Cloud analyst