Abstract

The management of resources and request in cloud environment is big challenging task. The unbalanced scenario of resources and request raised situation of overloading and degraded the performance of cloud environment. Now a day’s various authors used load balancing technique for the improvement of the cloud environment. For the balancing of load used load policy on the basis of static and dynamic nature. The static load balancing technique used CPU scheduling algorithm such as a round robin, first come first serve and shortest job first. All these technique is not schedule job in proper manner and the performance of cloud is degraded. Instead of these technique dynamic balancing used heuristic based technique such as ant colony optimization, particle swarm optimization and many more swarm based algorithm. now a day some authors used probability and time quantum based scheduling technique for cloud environment. In this paper present the review of load balancing technique for cloud environment.

**Index Terms**

Computer Science  Distributed Systems

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Keywords

Cloud Computing, Load Balancing, policy of load balancing, swarm intelligence