Abstract

Load balancing is a very important part of cloud computing which makes cloud computing more efficient and ease. Load balancing provides efficient policy to several reviews within cloud computing environment. Comprehensive balancing must get immediately into accounts two tasks. Due to this reason it is easy to implement a scheduler. The reason behind for being simple is that load balancing only mandatory information is a list of nodes, Round Robin FCFS, Equal Load share, Throttled algorithms used for load balancing, Equal load share. Each algorithm has some drawback and proposed algorithm provides effectiveness of load balancing in cloud computing. It uses two data structure one is hash map and another one is list.

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**Index Terms**

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Cloud computing, load balancing, Task Scheduling, Round Robin, Throttled, Equal Load Sharing, CloudSim