Abstract

Cloud computing is usually recognized as a technology which has significant impact on IT. However, cloud computing still has many crucial problems. In a cloud computing system, Load balancing is the most central issue in the system i.e. to distribute the load in an efficient manner. It plays a very important role in the realization of efficient and robust cloud computing platform. In this paper, new load balancing mechanisms have proposed based on character/nature of jobs along with priority consideration. Furthermore Virtualization is considered in more practical way to avoid the wastage of resources over the network. Finally the performance of the proposed algorithm is analyzed and compared with existing Load balancing and Scheduling policies.

References

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**Index Terms**

Computer Science

Distributed Systems
Keywords
Cloud Computing  Data centers  Virtualization  Load Balancing  Dependency Mapper.