Abstract

Now-a-days Cloud environment is growing very swiftly among different technologies. Thus, it impacts various areas like IT, business, information architecture, software engineering and data storage. Also, testing is as important to cloud as it is to any other field. Cloud testing refers to different terms like testing the cloud, cloud testing, and a combination of these two. Along with testing there are several challenges to cloud environment. Among them, load balancing is a major constraint for cloud environment. Load balancing is a term for various distribution techniques that helps in distribution of work among various nodes. Currently, various parameters available for measurement of load balancing algorithms like throughput, response time, overhead, fault tolerance, migration time, resource utilization, scalability and performance.

In this paper a study is carried out describe all these terms along with the study of these parameters related to various load balancing algorithms.


Index Terms

Computer Science

Information Sciences

Keywords