Abstract

In today’s environment the challenging task within cloud computing is to distribute workload among all arriving requests and also balancing those requests. To improve entire system performance, a broker policy has been taken into addition which distributes workload equally with different datacenters in computing environment. A different VM load balancing algorithms will be compared along with different data center broker policies. A cloud analyst simulator, simulate these approaches and final results will be evaluated on several parameters. It covers all the feasible simulations and results will specify the finest possible combinations.

References

for load balancing in cloud computing”. In Data Science & Engineering (ICDSE), 2014 International Conference on. 2014.IEEE.


5. Ram Prasad Padhy and PGoutam Prasad Rao, "Load balancing in cloud computing system", Department of Computer Science and Engineering National Institute of Technology, Rourkela Rourkela-769 008, Orissa, India May, 2011.


Index Terms

Computer Science Distributed Computing

Keywords
Cloud Computing, Virtual machines, Load balancing, Broker policy, Performance Evaluation