A Load Balancing Model for Job Scheduling using Cooperative BEE Scout

Abstract

The efficiency and proper utilization of cloud environments depends on the balancing of load. The limited number of resource and on demand access of resource creates the situation of overloading. The process of overloading degraded the performance of cloud environments. Nowadays used various swarm based algorithm for load balancing. In this paper proposed coupling based load balancing model based on BEE scout. The BEE scout model coupled the virtual machine during the allocation of resource. The scout based technique basically used the concept of sharing of virtual machine. The shared virtual machine allocated the job in dedicated time period for the execution of process. The proposed model simulated in cloudsim simulator and used various parameters such as data center, number of user base and many more. The proposed model simulate in cloudsim simulator.

References

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Index Terms

Computer Science  Distributed Systems

Keywords

Cloud Computing, Load Balancing,