A Novel Approach of Task Scheduling for Cloud Computing using Adaptive Firefly

Abstract

Cloud Computing organization deals with large scale, large amount of data, and the demand of computing power, needs to increase system investment. It is one of efficient technology that is popular now days in IT field. The paper proposes an Adaptive firefly algorithm for solving the job scheduling problem in cloud computing. The results of the algorithm were tested on cloudsim-3.0 by varying the configuration of virtual machines. After running the algorithm for different sets of jobs given to cloudsim-3.0, it is concluded that the results of Adaptive firefly are quite better than ACO.

References

2. Buyya, Rajkumar, Rajiv Ranjan, and Rodrigo N. Calheiros. "Modeling and simulation of


**Index Terms**

Computer Science

Information Sciences

**Keywords**

ACO, AFA, Task Scheduling.