Abstract

The Cloud computing is an embryonic as an innovative hypothesis of gigantic distributed calculation. Load balancing, the main trial in cloud computing, requires to allocate the vibrant workload uniformly across all of the machines. Burden balancing leads to a high user satisfaction and resource utilization ratio by confirming a proficient and fair allocating of all of the resources. Burden Balancing additionally supports ranking users by applying suitable method for scheduling. This paper concludes the counseled algorithm, Ant colony optimization, to resolve the setback of burden on the nodes in the cloud web, making the nodes burden free to work. This paper displays the drawbacks of Genetic Algorithm are resolved employing ACO for balancing the burden in the cloud network.

References

16. Hung, Pham Phuoc, Mui Van Nguyen, Mohammad Aazam, and Eui-Nam Huh. "Task

**Index Terms**

Computer Science 

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**Keywords**