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A CONCEPTUAL ANALYSIS ON CLOUD COMPUTING ACO
LOAD BALANCING TECHNIQUES

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ABSTRACT

The Drastic Change in Computing has happened due to the Cloud Computing Technology. Cloud Computing was built on Utility Computing, Networks, web Services, Virtualization, Distributed Computing and Load Balancing. The cloud Computing service includes many technical issues such as Scalability, Elasticity, Fault Tolerance and High availability. Among many technical issues, Load balancing is an important factor to consider. Many Load Balancing Algorithms developed using various technologies, now in this paper; we focused on Ant Colony Optimization (ACO) techniques. This paper gives a thorough study on Nature inspired Ant Colony Optimization Techniques towards solving Load Balancing Algorithms in Cloud Computing.

KEYWORDS: ACO, Cloud Computing, Elasticity, Load Balancing, Scalability