

عنوان مقاله:

Load Balancing in Cloud Computing for Minimization of energy

محل انتشار:

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خلاصه مقاله:

In Lately years cloud computing has been considered among better technologies universal. The main cause is the services and sources presentation the users via the clouds. In order to eschew over interplay of the servers and given the Workload and green computations, load balancing in cloud computing is of massive significance need dynamic load repartition in a proportionate manner amongst the servers. Load balancing may decrease the via energy through eschew over interplay between the nodes and vm providing desirable resource utilization. When a system failure, high costs are inflict on server and customer, thus load balancing algorithm requirements good defect tolerance. There are different techniques to increment defect endurance. In this paper task repeat technique was used. To do so ANFIS with an method to fault tolerance for tasks prioritization, virtual prioritization and ANFIS as a target for task repeat were designed. ANFIS approach was selected because the query environment is uncertain and the parameters designation which is carried out by ANFIS approach . In the proposed method by tasks and virtual priority, we could provide a suitable work load repartition. The aim of this paper was to present a method to better load balancing for increasing defect tolerance and reducing energy consumption via ranking the tasks in cloud computing by ANFIS approach.

کلمات کلیدی:

;component; load balancing; defect tolerance; Energy consumption; Anfis method

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