Improved resource scheduling algorithm for assigning tasks cloud computing

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Abstract Scheduling management is one the biggest problem that Cloud Computing has been facing with .However these days according to the recent research, it's no surprise the planning policy and algorithms will impress the cloud computing directly. In this research, in compare with algorithms which have been proposed in the past, it is accomplished for exploring best parameters. In order to improve the use of cloud computing and keep the load balancing a cloud computing resource planning algorithms will be announced. In this algorithm, the idea of reducing energy consumption and better allocation algorithm fully used. This efficiency even improves better energy in data centers for cloud infrastructures. In this thesis, the solution provided by a simulation tool that can determine the value of the work even for future achievements. Furthermore so as to develop and improve the parameters of development service, runtime optimization, resource allocation, optimization, flexibility, interoperability and computing resource a lot of research is required. Schedule algorithm can play a key role in developing and improving of this. Finally, the analysis is conducted to simulate performance of algorithms. The proposed scheduling algorithm improves the optimization parameters such as cloud, Share and increase profits in the development of cloud computing has been influenced by the scheduling algorithm.

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