

EFFICIENT VIRTUAL MACHINES MIGRATION IN CLOUD COMPUTING

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ABSTRACT

Cloud Computing means Internet computing where virtual servers provides platform, software, infrastructure to clients on utility basis. Virtualization is the component of cloud computing. Virtualization is a wide term and it means to create virtual version of something. It may be software environment, hardware, network or storage. Virtual machine migration means to move the virtual machine running on one physical host to another. When the original virtual machine is running and the migration process of that virtual machine is in progress, is known as live migration. This paper focus on maximize the cloud profit and efficiency by efficient placement of virtual machines. The target of proposed algorithm is to maximize the service providers in the case of current resources are not enough to process all the requests on time. In this work, the ranking of request is done on the basis of the profits they can bring. Simulation results show the efficiency of our framework.

KEYWORDS: Efficiency, Migration, Response Time, Cloud Service Providers (CSPs)