Abstract

Cloud is almost an inseparable part of human’s life, we are not aware but when we sharing/storing our photographs online in our emails or social sites then we are using cloud services instead of storing them in our computer’s hard drive or sharing them via hard devices. In the official works as well we many times comes into a situation to call a web service rather than themselves creating it in house and invoking, this comes under cloud computing. The workflows in cloud environment can be scheduled as needed based on the user’s requirement as well as the scheduling algorithms concept. Different scheduling algorithm considers different parameters for the scheduling of task workflows and there outputs are also different. Some considers time or deadline as the base parameter and tries to complete the task within the provided deadline, they are also known as hard deadline based algorithms whereas some considers cost as there base parameter where they tries to reduce the cost as much as possible so that it will be economic to the end users. Whereas some are combination of both time and cost where they look after for a solution which can cover the deadlines as well as the solution will not cost much to the end users. There are some traditional scheduling algorithms also which schedules the task workflows like FCFS (First come first serve) and SJF (Shortest job first) which are also helpful in scheduling task as well as performance measurement of new algorithms. In this paper we have studies different and popular
scheduling techniques of Workflows in different cloud models and we will analyze their experimental results.

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