Implementation of Two Level Scheduler in Cloud Computing Environment

Abstract

Cloud computing focuses on delivery of reliable, fault-tolerant and scalable infrastructure for hosting Internet based application services. Scheduling in cloud computing is responsible for selection of best suitable resources for task execution. Efficient task scheduling method can fulfill user’s requirements, QoS, and improves the resource utilization; this increases the overall performance of the cloud computing environment. In two level scheduling first scheduler deals with virtual machine to host allocation and second scheduler deals with task to virtual machine.

References


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**Index Terms**

Computer Science  
Distributed Computing

**Keywords**

Cloud Computing, Task Scheduling, Backfilling, Virtual Machine