A Review: Cloud Computing using Various Task Scheduling Algorithms

International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

Volume 142
Number 7

Year of Publication: 2016

Authors:
Pirtpal Singh, Navpreet Kaur Walia

10.5120/ijca2016909931

Abstract

Cloud Computing discusses to the use of computing, infra-structure, software, as a service. It’s a procedure of utility computing where the consumer need not own the essential infrastructure and pay for only what they use. Computing resources are transported as virtual machines. Proficient task scheduling apparatus can meet users’ necessities, and advance the resource utilization, thereby improving the overall performance of the cloud computing environment. The role of task level scheduling in power organisation on multicore multiple voltage embedded systems. Task scheduling algorithms play an imperative role where the aim is to schedule the tasks efficiently so as to condense the improvement time and advance resource utilization. This paper represents two scheduling algorithms for scheduling tasks taking into attention their computational complexity and computing capacity of processing basics. Prior’s comparison studies have recurrently operated with shortening assumptions, such as independent tasks, affectedly generated difficulties or the assumption of zero communication delay.

References
A Review: Cloud Computing using Various Task Scheduling Algorithms


Index Terms

Computer Science

Algorithms

Keywords

Cloud Computing, Task Scheduling, Infra-Structure, Software as-a- service and Scheduling
Algorithms.