A Review in Scheduling Issues in Cloud Computing

Abstract

Cloud computing has become very popular in recent years. Cloud computing deals with
different kinds of virtualized resources, hence scheduling play significant part in cloud computing. Though the large amount of resources is available, but is must to schedule the resources in such a manner that each job can receive the resources for completing it. So the scheduling algorithms are needed by a cloud to arrange resources for executing jobs. There are various algorithms available that can used to schedule the resources for job execution. Thus the comprehensive way of dissimilar case of scheduling algorithms in cloud computing have been thoroughly covered in this review paper and related issues and challenges have been highlighted.

References

- Deepak Pooa, Kotagiri Ramamohanarao, and Rajkumar Buyya "Fault-Tolerant Workflow Scheduling Using Spot Instances on Clouds", ICCS 2014. 14th International
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Index Terms

Computer Science
Distributed Systems

Keywords
Cloud Computing  Compromised-time-cost Scheduling Algorithm  Hybrid Energy Efficient Scheduling Algorithm
Optimized Resource Scheduling Algorithm
Ant Colony Algorithm
Energy Efficient Algorithm Uses Migration
Improved Differential Evolution Algorithm
Sheft Workflow Scheduling Algorithm
Cloud-dls: Dynamic Level Scheduling Algorithm
Improved Cost Based Scheduling Algorithm.