Abstract

Cloud computing has become very popular in recent years. Cloud computing deals with
A Review in Scheduling Issues in Cloud Computing

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
- Baomin Xu, Chunyan Zhao, Enzhao Hua, Bin Hu, Job Scheduling Algorithm Based on Berger Model in Cloud Environment, Elsevier publications, March 2011.

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.