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

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