Abstract

Cloud Computing is an awesome technology. It has to go-ahead and annexes the computing world. The development of cloud computing embed its sprouting continually in the recent era. Cloud Computing have contrived clan very lavish comfortable to perform their chore. As it's fundamental definition says that As You Pay As You Go. In this delving work we talk about the cloud standards and some standard parameters to enhance the cloud request scheduling. We have used rough set theory to generate the mathematical model. The algorithm deals with the scheduling of the requests on the basis of some parameters that we have identified to achieve the best optimal paths or cloud service provider allotment to the users. The algorithm is implemented in the cloud simulator CLOUDSIM in which cloudlets, datacenters, cloud brokers are created to perform the algorithms. Finally, we created a GUI for the user convenience so that both Cloud Service Provider and users can themselves analyze each others performance. We have reused some inbuilt packages of CLOUDSIM net beans to simulate the process.
A Novel Approach for Selection of Appropriate Software as a Service in Cloud Computing

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Index Terms

Computer Science

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Keywords

Cloud Computing??Cloud Service Providers??Rough Set Theory

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CLOUDSIM