Abstract

Cloud computing gives an enormous service to the customer in order to reduce the cost of investment on infrastructure development. The CSU (Cloud service User) can get all services from CSP (Cloud Service Provider) for satisfying their business needs. There are huge number of services are offered by the CSP for satisfying the customer's request. The performance of the cloud computing depends on various factors which provides the reliability over internet to the customer. One of the main factor need to be concentrates on reliability is network traffic because the service delay makes the customer dissatisfaction. The CSP may provide uneven traffic rate to CSU in order to manage the peak demand of their request. The fluctuation in the traffic may lead to the problem in retaining the customer i.e., the customer may feel difficult to access the service. This problem can be overcome by using the common deployment framework which gives the smooth traffic to the customer. The proposed work fully based on the traffic analyze and shaping the cloud services whenever the uneven traffic condition occurs. The traffic shaping has many features especially it is to handle the traffic rate. Cloud Analyst simulator can be used to analyze the cloud traffic with various parameters. The efficiency may be improved by introducing some new techniques on cloud service are the further work.

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**Index Terms**

Computer Science
Distributed Computing
Keywords
Cloud Computing  Interoperability  Cloud Analyst  Cloud Service