Abstract

Cloud computing is a boon for almost every sector as it reduces the overall expenditure by making I.T. infrastructure, services and platform on “on-demand” basis. The “pay as you go” policy of cloud technology enables the users to use and pay for the services and computing infrastructure only when they need it without worrying about the installation and underlying hardware or software infrastructure. Data centers are located at different locations and provide services to the users in their closest proximity. As the user has to pay for the service utilization, so selection of data center plays an important role for maximum resource utilization at minimum expenditure and best response time. An important feature in cloud is that according to user location and demand, the closest and the cheapest data center is assigned in that region. In this paper, the authors have analyzed the existing service broker policies i.e., Closest Data center, optimize response time, and reconfigure dynamically load, in data center selection.

References

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