To Analyze Power Consumption and Quality of Service using Map Reduce on Hadoop: A Survey

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Authors:
Sandeep Rai, Aishwarya Namdev

Abstract

Data is growing at a rate which cannot be handled by the traditional methods of computing. To store and process such data new data analysis and storage techniques have emerged over the last few years. Hadoop is one such parallel processing open source framework which provides distributed storage and processing of Big data. Big Data analytics has emerged as an attractive domain of research these days. For handling big data cloud computing has been used and back end of the technology is cluster of resources. Cluster of resources can be formed using a framework like Apache Hadoop. In this paper a survey is performed on big data analysis using Apache Hadoop and other utility tools. For better performance of cloud Quality of service and power consumption should be optimal. So in this survey is discuss revolves around Quality of Service and energy consumption.

References

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Index Terms

Computer Science

Information Sciences

Keywords

Big Data, Cloud computing, Quality of service (Qos), Power consumption, Hadoop