Abstract

Cloud Computing is the use of computing resources in a new and technologically more advanced manner. It is a fine blend of service oriented characteristics and utility based computing. The growth rate of data in cloud environment is reaching an exponential rate. Therefore there is a need to manage this huge heterogeneous data which can be both unstructured and structured in nature. This data can be managed at different levels in cloud i.e. at the end user level, cloud service provider level and data center level. The proposed approach defines how k medians clustering can be used as an efficient technique for management of data in cloud. The number of data centers is taken as the value of k in the
Data Management in Cloud Based Environment using k-Median Clustering Technique

proposed technique. This approach also takes into account the advantage of Cloud data base management system (CDBMS) and applies it to various distributed data centers.

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**Index Terms**

Computer Science  
Distributed System

**Keywords**

Cdbms  Map Reduce  Big Table  K-median Clustering  Data Management