Abstract

Web taxonomy is used for better web searches. Web Supported Query taxonomy classifier produces better searching result. In order to achieve this goal with more advance methodology, big data technology with Service Level Agreement (SLA) is combined and discussed as a paradigm in this paper. The queries are directed to the cloud categorization of big data for improved result using SLA matching that enables automatic selection of most favorable services. Big data, which is a collection of huge data, enhance the performance of web searching in a united pool of resources. For the regularity of controlled vocabularies and immediacy and relevancy of collaborative tagging, it provides a suitable method for managing the flow of information over the network.

This paper is organized as follows: In the first part, SLA and Big Data is introduced. Associated work of SLA and big data is discussed in section 2. WSQ methodology and later SLA structure is defined in later sections. The paper is ended with the discussion on proposed model with the conclusion and future direction.
References


Index Terms

Computer Science Distributed Systems

Keywords
Service Level Agreement, SLA, Big Data, Cloud computing, Web supported query taxonomies, SLA matching and SLA management.