Abstract

The promising benefit of cloud computing is outsourcing of data service, by which the data owners store their data in the public data centers by economically saving their capital investment towards data management. Cloud Storage provides users with abundant storage space and makes it user friendly for immediate acquiring of data, which is the foundation of all kinds of cloud applications. Data outsourcing in the commercial public cloud also raise the problem for unauthorized data access and the cloud storage does not make sense if the outsourced data is not effectively utilized. The practical challenge is on how to make effective data access in the public cloud storage aiming at improvement of various searching techniques for increasing the data utilization. In this paper, an attempt is made to survey various searching techniques towards effective data utilization in cloud storage and is discussed in detail.

References

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**Index Terms**

Computer Science

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**Keywords**

Cloud computing, data outsourcing, cloud storage, data utilization.