Abstract

Nowadays due to advancement of storage technology and computer technology, larger fraction of data is being maintained in digitized form. The same data is stored over and over again, consuming unnecessary storage space on the disc. Deduplication is ideal for highly redundant operations like backup, which requires repeatedly coping and storing the same data. Data deduplication is one of the most alive topics in storage because it enables companies to save a lot of money on storage costs. For cloud providers it is very helpful because you can deduplicate what you store. Due to reduction in cost it is becoming more popular. This paper will briefly describe Data Deduplication and give a comprehensive survey.

References

2. Nesrine Kaaniche, Maryline Laurent “A Secure Client Side Deduplication Scheme in

3. Chun-I Fan, Shi-Yuan Huang, and Wen-Che Hsuz” Hybrid Data Deduplication in Cloud Environment.” 978-1-4673-2588-2/12/$31.00 © 2012 IEEE

4. Waraporn Leesakul, Paul Townend, Jie Xu” Dynamic Data Deduplication in Cloud Storage.” 2014 IEEE 8th International Symposium on Service Oriented System Engineering


**Index Terms**

Computer Science  
Databases

**Keywords**

Data Deduplication, Cloud Computing, Cloud Storage, Data Security