An Advanced Data Management Scheme for Secure De-duplication

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Abstract

Data De-duplication is one of the effective ways now a days employed in the cloud computing. Energy consumption ratio of IT companies is increasing day by day and reason for it is storing redundant copy of data. Data De-duplication is a cutting edge technology that is used to remove redundant copies of data and store only unique copy of data. It reduces network bandwidth and storage space as well. There are many Data De-duplication methods used however in proposed work main focus is on block level Data De-duplication along with security. In Block level Data De-duplication redundancy would be checked based on blocks of data.

References

2. Nesrine Kaaniche, Maryline Laurent “A Secure Client Side Deduplication Scheme in Cloud Storage Environments” IEEE Transactions on Mobility and Security (NTMS) in Cloud
Computer Science

Security

Cloud Storage; Security; Block-level Data De-duplication