

## A CIPHER TEXT MULTI-SHARING CONTROL ON BIG DATA STORAGE

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### ABSTRACT

Nowadays, users those who are accessing social media or health care applications are becoming more day by day. To store large volume data used by a software application, we had implemented secure storage service. “Big-Data” will have the capacity to store huge volume data and very fast data retrieval via services. Simultaneously, we consider privacy, data which gets stored via big-data application. Moreover, the application services share fine grained encrypted information. Data-owners will allow the end-user for sharing cipher-text data among some other third party service providers. In this paper, we had proposed cipher-text multi-sharing mechanism to attain privacy preserving data sharing big-data. The advantages of proxy-re-encryption and anonymous technique are listed below. 1, a cipher-text can be securely and conditionally shared between ‘n’ number of times. 2, without leaking knowledge of underlying message & identity of cipher-text sender or receiver.

**KEYWORDS:** Big Data Secure Storage, Secure Storage Services, Sharing Encrypted Data & Cryptographic Re-Encryption Techniques