

## **226 SECURED DATA SHARING IN CLOUD USING CRYPTOGRAPHY AND STEGNOGRAPHY**

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In cloud computing, sharing of data is considered as a challenging security problem. The sharing of the user's critical data on a third party cloud server does not guarantee the promised level of security and there is a threat to compromise user data. Any unexpected privilege escalation will expose all data, so ensure privacy is necessary for an authentication. And in order to safeguard the data and improve the security measures in the consumer side, cryptographic encryption technique is used where aggregate key and steganography concepts are implemented. To further increase the security level an idea of multiple encryption is introduced. This project aspires to provide secured data sharing in cloud storage with the help of steganography concepts in addition with the sharing of aggregate keys between data owners and data users. Thereby it ensures a concealment, boosted security and uprightness of the data.

Keywords- Cloud storage, data sharing, aggregate key encryption, steganography.

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