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Enhancing the security of cloud data using hybrid encryption algorithm

K. R. Sajay, S. S. Babu, Y. Vijayalakshmi

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Cloud computing is a term which is employed to explain different concepts of computing that includes several PCs linked through a real time network of communication such as internet. Cloud computing is a developing paradigm which has in the recent times attracted lot of researchers because of its capability to decrease the costs related with computing. Due to the rapid growth of cloud computing techniques the rapid raise of services of cloud became outstanding. In today's world data security is a challenging problem. The essential issue related with cloud computing is the security of cloud and the proper cloud implementation over the network. In cloud the models of security namely confidentiality, authentication, accessibility, data recovery and data integrity. It includes services of cloud, model of deployment, security problems and barriers in cloud computing. Nowadays, enhancing security of data in cloud has become a major concern and the solution for this is to apply appropriate encryption techniques while storing the data in the cloud. This study proposes a hybrid algorithm to enhance security of cloud data using encryption algorithm. The main purpose of using encryption algorithms is to secure or store huge amount of information in cloud. This study combines homographic encryption and blowfish encryption to enhance cloud security. It can be concluded that if the security issues are resolved then the future will be the solutions for cloud storage for small as well as large firms. LESS