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Enabling Public Verifiability for Storage Security In Cloud Computing

UMA K S II year PG Student, Computer Science and Engineering KCG College of Technology Chennai, India. umaskn@gmail.com P M BOOMA ME Assistant Professor, Department of Computer Science and Engineering KCG College of Technology Chennai, India. booma.cse@kcgcollege.com

Abstract: This paper shows however firmly, expeditiously, and flexibly knowledge is often shared with others. To describe new asymmetric cryptosystems that produces constant-size cipher texts such economical delegations of coding rights for any set of cipher texts are potential. The novelty is that one can aggregate any set of secret keys and create them as one key, however encompassing the facility of all the keys being collective. The main concept of this project is how to send the data through receiver in secure way. The sender is termed the data owner. Data owner send the data to server in associate encrypted kind. Here the system acts as a server. A special asymmetric cryptosystem is employed to get a cipher text. The owner decides the cipher text size. Since the cipher text ought to be transferred to the receiver confidentially. The data owner setup the general public system, Key Generation algorithm which generates a public or master secret key. By using this key, user will convert plain text to cipher text. Then user can provide input as master secret key by extract function. The server send key through an email to the receiver. Using this key the receivers download the data. It provides formal security analysis of our schemes within the commonplace model. Particularly, our schemes provide the primary public key secret writing for versatile hierarchy.