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CLOUD DATA SECURITY USING ENCRYPTED DIGITAL SIGNATURE
& 3D FRAMEWORK

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ABSTRACT

Cloud Computing is emerging technology which consist of existing techniques combined with new technology paradigms. In this new technology shared resources like software's, hardware's and information is provided to its users and other peoples on internet whenever demanded.

Today's world relies on cloud computing to store their public as well as some personal information which is needed by the user itself or some other persons. Cloud service is any service offered to its users by cloud. As cloud computing comes in service there are some drawbacks such as privacy of user's data, security of user data is very important aspects.

In this paper we are focusing to enhance the data security in cloud computing using 3D framework and digital signature with RSA Encryption algorithm. In 3D frameworks, at client side user select the parameters reactively between Confidentiality, Integrity & Availability and before actual storing the data in cloud a digital signature is created using MD 5 Algorithm and then RSA Encryption algorithm is applied then it stored on cloud.

KEYWORDS: Cloud Computing, 3D Framework, Digital Signature, RSA Encryption, MD5 Hashing Algorithm, OTP