

# File Storage using Cloud and Cryptography Technologies

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**Abstract:** *In this era cloud computing is employed in various fields like industry, military, college, etc. for various services and storage of big amount of information. Data stored during this cloud will be accessed or retrieved on the users request without direct access to the server computer. But the foremost concern regarding storage of knowledge online that's on the cloud is that the Security of the information. Many different approaches have also been proposed to produce data protection within the cloud, like AES, BlowFish, and RC6, but Existing systems often fail when only a specific type of encoding is utilised, either AES or RC6 reckoning on a consumer requirement. As when there are encrypted the keys are leaked thus making the info to be accessed by anyone. So we've proposed hybrid cryptography because the solution for this problem. So when the user uploads the info, it is divided into three sections, the primary is encrypted with AES, the second is completed with DES and eventually the third section is completed with RSA.*

**Keywords:** Cloud, Security, AES, DES, RSA

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