



**RESEARCH ARTICLE**

# Cloud Computing Security from Single to Multi-Clouds

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**Abstract—** *Cloud computing, in now days it is been playing a crucial role in terms of data storing and reducing the overall cost to entrepreneurs. But most of them worried about security; mostly they used to keep the data in single cloud. In this case if the data is lost or hacked in the sense entire data will be loose. To avoid these kinds of vulnerabilities and to achieve better security we are proposing of multicolour where the data will be stored in different databases means clouds. This paper surveys recent research related to single and multi-cloud security and addresses possible solutions. It is found that the research into the use of multicolour providers to maintain security has received less attention from the research community than has the use of single clouds. This work aims to promote the use of multi-clouds due to its ability to reduce security risks. In cloud data is been changing dynamically from user side in this case hacker may have a chance to hack the data through the network or attacking on the database.*

**Keywords:** *-Security; Distributing Data; Storing Data in Cloud multi-clouds; Single-Cloud; Data Integrity; Data Intrusion; service availability*

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