Proposing DEM Model for Improving the Security of Data in Cloud Environment

Abstract

Cloud computing, which is the most developing fields of computer science. Apart from many services of cloud computing like software, hardware, infrastructure, desktop as a service and database also available as a service. But along with these, issues regarding security of data or database are of most fear concerns. As cloud users are reluctant to save data on cloud servers, which can be hindrance to this super crucial field of computers. Now the need of the hour is to develop an understanding that storing data on cloud servers is safer and also develop some mechanisms to improve the security of data. New researches are coming up with innovative approaches to provide more safety to data. In this paper, a DEM [Data Encryption Model] Model is introduced with a new approach for data security mechanism. The field base encryption method is used in this model.

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