SECURED DATA STORAGE AND RETRIEVAL IN MULTICLOUDING USING SHAMIR'S SECRET SHARING ALGORITHM

JAYASHRI V. BHARAMBE & RICHA K. MAKHIJANI

Department of Computer Science and Engineering, S.S.G.B.C.O.E.T., Bhusawal, Maharashtra, India

ABSTRACT

The use of cloud computing has increased rapidly in many organizations. The end of this decade is marked by a paradigm shift of the industrial information technology towards a pay-per-use service business model known as cloud computing. But ensuring security is considered to be one of the most critical aspects in a cloud computing environment due to the sensitive and important information stored in the cloud for users. Cloud providers should address privacy and security issues as a matter of high and urgent priority. In this paper, we propose a multi-cloud secret sharp model in cloud computing which holds an economical distribution and retrieval of data among the available SPs in the market to provide customers with data availability as well as secure data storage.

General Terms: Security

KEYWORDS: Cloud Computing, Cloud Security, Data Integrity, Service Availability, Multi Cloud