

Cloud Computing and Security: The Security Mechanism and Pillars of ERPs on Cloud Technology

Sakshi U. Jadhav, Rohini M. Kale, Samiksha S. Shedage, Prof. Trupti Kulkarni

MIT Arts, Commerce, and Science College, Pune, Maharashtra, India

Abstract: *Cloud computing has become widely adopted by numerous organizations as a cost-effective method for securely managing data. Many organizations favour cloud computing due to its reliability in managing organizational information. Despite its benefits, critics have raised concerns about the security of cloud systems, as they are managed by third-party companies. Research has identified vulnerabilities in cloud technology, making it less trustworthy. It has been found that many organizations do not report cybercrimes associated with cloud systems to avoid reputation damage and embarrassment. This paper will examine the security of cloud computing, using ERP systems as a case study for the use of secure cloud systems.*

Keywords: Cloud computing.