Abstract

Cloud computing is a rapidly growing internet based computing that endeavors to be dynamic, reliable and available with guaranteed quality of service. This has become a sophisticated computing platform or technology for customers as well as organizations for its availability of resources such as software, storage and network with minimum cost. Using the business model like Software as a Service (SaaS), Platform as a Service (PaaS) and Infrastructure as a service (IaaS) this environment have increased distribute computing capacity. Preserving confidentiality, integrity and availability are the vexing issues in cloud computing environment. This paper highlights cloud computing threats and proposes a distributed and efficient encryption algorithm to enhance the data security in cloud.


Index Terms

Computer Science

Security

Keywords