Digital Signature based Improved SECO Environment to Enhance Data Security in Cloud Computing

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Authors:
Swaranjeet Kaur, Amritpal Kaur

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Abstract

Cloud computing itself is as a Service Model which means that everything is available on-demand over the internet. Every type of resources such as hardware and software resources can be accessed from anywhere by just connecting any network device to the internet. As it is based on internet services, security becomes major issue in this. Number of algorithms has been introduced to make secure user’s outsourced data on cloud. To solve this security issue, a secure and efficient data collaboration scheme SECO was introduced in cloud computing. This scheme resolves the security issue at a large extent but security needs to be enhanced more as security in itself is a vast area for research. In this paper, a Secure SECO Technique is proposed. The purpose of this technique is to enhance security by implementing digital signatures scheme in SECO scheme. This proposed technique helps to maximize the security of user’s outsourced data on cloud.

References


Index Terms

Computer Science    Security

Keywords
Cloud Computing, SECO environment, Secure SECO environment, Certification Authority, Digital Certificates and Security Analysis.