IJARSCT
ISSN (Online) 2581-9429
International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
Impact Factor: 7.301
Volume 3, Issue 15, May 2023

Detecting Password Brute Force Attack and Protecting the Cloud Data with AES Encryption Algorithm

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Abstract: *Brute-force attacks are common, and as network throughput and encryption grow, and high-speed networks become ubiquitous, brute-force attacks at the network stage will become increasingly difficult to detect. Despite progress in research in this area, there are still many undiscovered threats. Because no security solution can guarantee that attackers will not succeed in time, access detection technology must be used todetect divergent behavior early and reduce the impact of intruders on network operations. This work presents a method to identify nodes (servers) monitoring traffic in the network and collect important statistics using a monitoring software application. By analyzing and comparing traffic statistics, administrators will be able to determine if an attack has occurred.*

Keywords: brute force, attack, security, cloud

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