

## **Brute force Attack Investigation:**

A brute force attack is a method used by attackers to gain unauthorized access to accounts, systems, or networks by systematically attempting all possible combinations of passwords, login credentials, or encryption keys until the correct one is found. This type of attack relies on the sheer computational power to try numerous possibilities rapidly, often using automated tools and scripts. Implementing strong passwords, multi-factor authentication, and account lockout policies are essential measures to protect against brute force attacks.