# Cybersecurity Threat Landscape (Part 3 - Verizon)

In this part, you should primarily use the *Verizon Data Breaches Investigation Report* plus independent research to answer the below questions.

1. What is the difference between an incident and a breach?  **Incident is when security even that compromises the integrity, confidentiality, or availability of an information asset**

**Breach is an incident that results in the confirmation disclosure - not just potential exposure - of data to an unauthorized party.**

1. What percentage of breaches were perpetrated by outside actors? What percentage were perpetrated by internal actors?

**Outsiders were 69% and internal 34%**

1. What percentage of breaches were perpetrated by organized criminal groups?   
   **39%**
2. What percentage of breaches were financially motivated?   
   71%
3. Define the following:   
   Denial of Service: **Any attack intended to compromise the availability of networks and systems. This includes both network and app attacks designed to overwhelm systems, resulting in performance degradation or interruption of service.**Command and Control:   
   **Set of organizational and technical attributes and process. Employs human, physical and information resources to solve problems**Backdoor: **Malware type. Ignores normal authentications procedures that would normally be there to be able to access the systems.**

Keylogger:  **A computer program that records every keystroke made by a computer user, in order to be able to gain access fraudulently to passwords or other info.**

1. The time from an attacker’s first action to the initial compromise of an asset is typically measured in which one? Seconds, minutes, hours, days?   
   **Minutes**
2. When it comes to phishing, which industry has the highest click rates?  
   **Education**