# 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?  **An incident is an event that compromises the CIA Triad of an information asset. Whereas, a breach is an incident that results in “confirmed Disclosure - not just potential exposure of data to an unauthorized party”(Verizon Report, Incident vs breaches)**
2. What percentage of breaches were perpetrated by outside actors? What percentage were perpetrated by internal actors?   
   **69% were perpetrated by outsiders while 34% was perpetrated by internal actors**
3. What percentage of breaches were perpetrated by organized criminal groups?   
   **39% of breaches were conducted by organized criminal groups**
4. What percentage of breaches were financially motivated?   
   **71% of breaches were financially motivated**
5. Define the following:   
     
   Denial of Service: **An attack that compromises the availability of a network and systems. This attack is designed to overload the systems and network with traffic which results in poor performance and in most cases loss of service.**   
   Command and Control: **is a compromised computer used by the attacker to send commands to systems that have been compromised by malware to obtain stolen data from the targeted network .**  
   Backdoor: **Usually implemented by developers to access an application or OS for troubleshooting and other purposes. It is used by cyberattackers to gain unauthorized access by bypassing normal security measures.**Keylogger: **Monitoring software that captures and records a victims keystrokes/input**
6. 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**
7. When it comes to phishing, which industry has the highest click rates?  
     
   **Education industry had the highest click rate**