# 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 a security event that compromises the CIA of an information asset. Breach is an incident that results in the confirmed disclosure of data to an authorized party.
2. What percentage of breaches were perpetrated by outside actors? What percentage were perpetrated by internal actors?   
   Percentage of breaches perpetrated by outside actors is 69% while the percentage of breaches perpetrated by internal actors is 34%.
3. What percentage of breaches were perpetrated by organized criminal groups?   
   Percentage of breaches perpetrated by organized criminal groups is 39%.
4. What percentage of breaches were financially motivated?   
   Percentage of breaches that were financially motivated is 71%.
5. Define the following:   
     
   Denial of Service:   
   Any attack intended to compromise the availability of networks and systems.

Command and Control   
Command-and-control servers (or C2) are used by attackers to maintain communications with compromised system within a target network.

Backdoor:Backdoor is a malware type that negates normal authentication procedures to acces a system.Keylogger:Keylogger is a type of monitoring software that logs every keystroke made by the user.

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?   
   The time from an attacker’s first action to the initial compromise of an asset is typically measured in minutes.
2. When it comes to phishing, which industry has the highest click rates?  
   The industry with the highest click rate in phishing tests is Education.