# 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? The difference between a breach and incident is that the incident is when the possible breach is being attempted and a breach is when the incident has been confirmed to be successful.
2. What percentage of breaches were perpetrated by outside actors? What percentage were perpetrated by internal actors? The percentage for how many outside breaches were at 69%. The percentage of breaches of internal actors was at 34%.
3. What percentage of breaches were perpetrated by organized criminal groups? The percentage of organized crime groups were 39%.
4. What percentage of breaches were financially motivated? The percentage of breaches that were financially motivated were at a high of 71%.
5. Define the following:   
     
   Denial of Service: This is an attack that would be attacking the availability of one's servers.  
   Command and Control This is an attack that was successful in taking over one's entire computer.   
   Backdoor: The backdoor attack is when malware has made its way into one computer and has given the attacker the ability to remotely type commands. Keylogger: This is a well known spyware that records sensitive information you may have typed to perform a breach.
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?   
   This is usually measured in minutes due to the need to be quick about the compromise of the information or asset.
7. When it comes to phishing, which industry has the highest click rates? The industry that has the highest click rate is in education at 4.93%.