# 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 report indicates that an incident is a security event that impacts integrity, confidentiality, or availability of an asset. Whereas a breach is an incident that results in the exposure to an unauthorized party.
2. What percentage of breaches were perpetrated by outside actors? What percentage were perpetrated by internal actors?   
   69% and 34%
3. What percentage of breaches were perpetrated by organized criminal groups?   
   *39%*
4. What percentage of breaches were financially motivated?   
   *71%*
5. Define the following:   
   Denial of Service:   
   *Attack that is intended to negatively impact the availability of network or system. These attacks overwhelm systems causing performance impacts and interruption.*Command and Control   
   *Communication between malware infected systems and the hosts systems in order to receive further instructions on what to do.*Backdoor:Allows a access into a system that has been compromised. It is a code has been implemented into the system by a hacker. This assists with repeated access.Keylogger: User input capture by utilizing keystrokes on a computer.
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*

1. When it comes to phishing, which industry has the highest click rates?  
   *Education*