# 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 a potential exposure whereas breach is a confirmed disclosure of information to unauthorised.
2. What percentage of breaches were perpetrated by outside actors? What percentage were perpetrated by internal actors?   
   69% of breaches were perpetrated by outside actors and 34% by internal actors according to the report and I am not sure how the total could be more than 100% indicating an overlap..
3. What percentage of breaches were perpetrated by organized criminal groups?   
   39% of breaches were perpetrated by organised criminal groups.
4. What percentage of breaches were financially motivated?   
   71% of breaches are financially motivated
5. Define the following:   
     
   Denial of Service: DoS is an attack that renders the resource unavailable for the intended service. Usually this happens by degrading the resource performance or interrupting its function.  
   Command and Control: A Command and Control is an infected machine which acts as a server to send further instructions to the botnet. These are also called as C&C or C2.  
   Backdoor:Backdoor is basically an access to a system without following the conventional/expected process usually without the expected authentication process. Backdoor attack is accessing the system without going through the authentication process.Keylogger: Keylogger is software/method used to capture the user 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?   
   The time from an attacker’s first action to the initial compromise of an asset is typically measured in minutes.
7. When it comes to phishing, which industry has the highest click rates?  
   Education industry have the highest click rates during phishing attacks.