# 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: A security event that compromises the integrity, confidentiality or availability of an information asset.**

**Breach: An incident that results in the confirmed disclosure—not just potential exposure—of data to an unauthorized party.**

1. What percentage of breaches were perpetrated by outside actors? What percentage were perpetrated by internal actors?

69% outside

34% Inside

1. What percentage of breaches were perpetrated by organized criminal groups?

**39%**

1. What percentage of breaches were financially motivated?

10%

1. Define the following:   
     
   Denial of Service:   
   Denial of Service: Any attack intended to compromise the availability of networks and systems. This includes both network and application attacks designed to overwhelm systems, resulting in performance degradation or interruption of service.Command and Control A **command-and-control** [C&C] server is a computer controlled by an attacker or cybercriminal which is used to send **commands** to systems compromised by **malware** and receive stolen data from a target network. ... It can be used to disseminate **commands** that can steal data, spread **malware**, disrupt web services, and mor  
   Backdoor: a [backdoor](https://blog.malwarebytes.com/glossary/backdoor/) refers to any method by which authorized and unauthorized users are able to get around normal security measures and gain high level user access (aka [root access](https://en.wikipedia.org/wiki/Superuser)) on a computer system, network, or software application. Once they're in, cybercriminals can use a backdoor to steal personal and financial data, install additional malware, and hijack devices.Keylogger: Keyloggers are a type of monitoring software designed to record keystrokes made by a user. One of the oldest forms of cyber threat, these keystroke loggers record the information you type into a website or application and send to back to a third party.
2. 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