Security 101 Homework: Cybersecurity Threat Landscape

Part 3: *Verizon Data Breaches Investigation Report*

In this part, use the *Verizon Data Breaches Investigation Report* plus independent research to answer the below questions.

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* **What is the difference between an incident and a breach?**

A breach is a subset of an incident where it has been confirmed an unauthorized party has had access to data.

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

Nearly 80%

3. **What percentage of breaches were perpetrated by organized crime?**

Around 80%

4. **What percentage of breaches were financially motivated?**

90+%

5. **Define the following (Additional research may be required outside of the report):   
  
Denial of Service:**

An attack that shuts down a network or machine for it's intended users.   
 **Command and Control:**

Where a hacker takes control over a system and is able to implement commands and instructions.  
 **Backdoor:**

A backdoor is a way to bypass the authentication processes and remotely enter into a computer, network or application.   
 **Keylogger:**

A covert piece of software that tracks what the user inputs into the keyboard.

**6. What remains one of the most sought-after data types for hackers?**

Credentials are one of the most sought after types of data.

**7. What was the percentage of breaches involving phishing?**

A little under 40%