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**7-1 Journal: Consider the Motive for the Attack**

There are various motives for hackers to hack. There are various types of hackers. The 3 types of hackers are black hat hackers, white hat hackers, and grey hat hackers. Black hat hackers are bad hackers that will focus on hacking into networks and systems using malware for monetary gains. White hat hackers are ethical hackers that are hired to check for security flaws. Grey hat hackers are a combination of black hat hackers and white hat hackers. Grey hat hackers won’t ask for permission from others when hacking.

Hackers hack for various reasons such as stealing information, disrupting services, to make a point, for money, and hacks driven by a specific person and beliefs. Understanding these reasons are very important. I would explain to a new developer the same way as above. I would explain the various hackers, and the various reasons they are looking to hack. Hackers will use various ways to hack systems such as phishing. UI redress, denial of service, DNS spoofing, SQL injection, brute force, and man in the middle attack. Hackers will find weaknesses in a system and figure out which strategy is the best strategy to use to hack the system. Once they hack the system, hackers will attempt to retrieve as much data as possible before the hack is recognized and resolved.

There are many examples of hackers who hack with a specific purpose. Target was hacker few years ago. This hacking impacted their customer data, and the hacker stole customer credit card info. Targets reputation took a really bad hit at the time, and it took a very long time for many customers to return and Targets business doing well again.