**How to Hack a website: Step-by-Step Website Hacking Guide**

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**Introduction**

The phrase "hacking" has become increasingly popular and fascinating in the constantly changing world of technology. Hacking, which is frequently depicted in popular culture as a sinister and covert activity, is really just a general phrase that covers a wide range of abilities and methods. While some people might only think of hacking as being connected to harmful activity, it's important to understand that, when done properly and responsibly, hacking can really be quite beneficial to enhancing and securing our digital environment. By examining its many dimensions, from ethical hacking techniques that support cybersecurity to the murky underbelly of illegal actions that pose serious concerns, this introduction seeks to shed light on the complex nature of hacking.

Fundamentally, hacking is the art of investigating and comprehending software, networks, and computer systems in order to find flaws and vulnerabilities. Penetration testing, another name for ethical hacking, is the authorized, lawful investigation of systems to find and fix possible security flaws. Protecting digital security by bolstering defenses against cyberattacks is the role of ethical hackers. However, the phrase can also refer to dishonest people who try to take advantage of weaknesses for their own gain or to cause trouble. The significance of moral standards and responsible behavior in the hacking community is highlighted by this contradiction.

This exploration aims to dispel misconceptions and promote a deeper understanding of this potent and dynamic field as we navigate the complex terrain of hacking. This voyage seeks to shed light on the motivations, strategies, and outcomes related to hacking, whether exploring the world of white-hat hackers committed to strengthening digital defenses or examining the intentions of those on the darker side. By adopting a well-rounded viewpoint, we may recognize the ethical need to utilize hacking's potential for the advancement of our globalized society while also appreciating the part it has played in defining the digital era.

**Agenda**

The execution of a hacking mission involves a meticulous process comprising three fundamental stages: the Kick-off meeting, Engagement plan, and Attack plan. Prior to the initiation of the mission, a comprehensive understanding of its purpose, the profile of the intended target, and the requisite tools for conducting the hacking endeavor is imperative. This strategic approach ensures a methodical and informed commencement, promoting efficiency and precision throughout the mission's execution. By delineating these key steps, practitioners of ethical hacking establish a structured framework that facilitates the responsible and lawful exploration of digital environments, emphasizing the importance of preparation and purposeful planning in the realm of cybersecurity.

**Kick-off Meeting**

During the inaugural meeting, comprehensive discussions pertaining to the mission's details will take place. This encompasses:

1. Objectives;

* Find, exploit and report as many vulnerabilities as possible.
* Get root on the server.

1. Scope;

* Web application hosted on the internet.
* Server hosting the web application.

1. Rules of Engagement;

* Black-box testing approach.
* No to get user accounts.
* Any other assets are strictly out of scope. No Denial of Service,
* Don't edit or remove any data.

1. Time frames; and

* Duration of the attack
* Schedule of report delivery

1. Pre-requisites

* URL of the web application