Common Types of Cyber-Attacks

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Abstract
    To protect the information stored in computer systems, it is important to take security measures to reduce system vulnerabilities and prevent malicious cyber-attacks. The constant increase in the number and impact of cyber-attacks leads to the need for users to understand and apply new ways to prevent these attacks. Understanding how cyber attackers act and the measures that can be taken to reduce their chances of success are essential to improving these security measures. The purpose of this paper is to inform about the importance of identifying and taking measures to prevent cyber-attacks. This paper presents the impact of cyber-attacks on end users and different methodologies for preventing such attacks.

Keywords: cyber-attacks, malware impact, security measures

References

[1]. Cisco 2018 annual security report: https://www.cisco.com/c/en/us/products/security/security-reports.html.
[2]. Types of Attacks: http://www.personal.psu.edu/users/j/m/jms6423/Engproj/Types%20of%20Attacks.xhtml.
[3]. Cybercrooks use DDoS attacks to mask theft of banks' millions: http://www.cnet.com/news/cybercrooks-use-ddos-attacks-to-mask-theftof-banks-millions.
[4]. 5 ways to prevent a personal cyber-attack, http://hereandnow.wbur.org/2014/12/26/cybersecurity-sony.
[5]. Encryption Basics: How It Works & Why You Need It: https://www.upwork.com/hiring/development/introduction-to-encryption-data-security/.