

Analysis on Cyber Attacks in Business Environment

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Abstract

Cyber-attacks hit businesses every day. Former Cisco CEO John Chambers once said, “There are two types of companies: those that have been hacked, and those who don’t yet know they have been hacked.” According to the Cisco Annual Cybersecurity Report, the total volume of events has increased almost fourfold between January 2016 and October 2017. Cybercrime has increased every year as people try to benefit from vulnerable business systems. Often, attackers are looking for ransom: 53 percent of cyber-attacks resulted in damages of \$500,000 or more. Cyberthreats can also be launched with ulterior motives. Some attackers look to obliterate systems and data as a form of “hacktivism”.

Keywords: cyberattacks, denial of service, man in the middle

References

- [1]. <https://becominghuman.ai/cybersecurity-and-types-of-cybersecurity-attacks-b036c6d87256>.
- [2]. <https://www.cisco.com/c/en/us/products/security/email-security/what-is-phishing.html>.
- [3]. <https://www.cisco.com/c/en/us/products/security/what-is-a-ddos-attack.html>.
- [4]. <https://cybersecop.com/news/2019/2/16/phishing-attack-prevention-what-is-phishing>.
- [5]. https://tools.cisco.com/security/center/resources/sql_injection.
- [6]. <https://securebox.comodo.com/ssl-sniffing/man-in-the-middle-attack/>.
- [7]. <https://www.cisco.com/c/en/us/products/security/common-cyberattacks.html#~how-cyber-attacks-work>.
- [8]. <https://securebox.comodo.com/pos-system/zero-day-attack/>.
- [9]. <https://www.hitechnectar.com/blogs/prevent-dns-tunneling/>.
- [10]. <https://www.wired.com/story/facebook-security-breach-50-million-accounts/>.
- [11]. <https://www.zdnet.com/article/predictions-2020-this-time-cyberattacks-get-personal/>.