

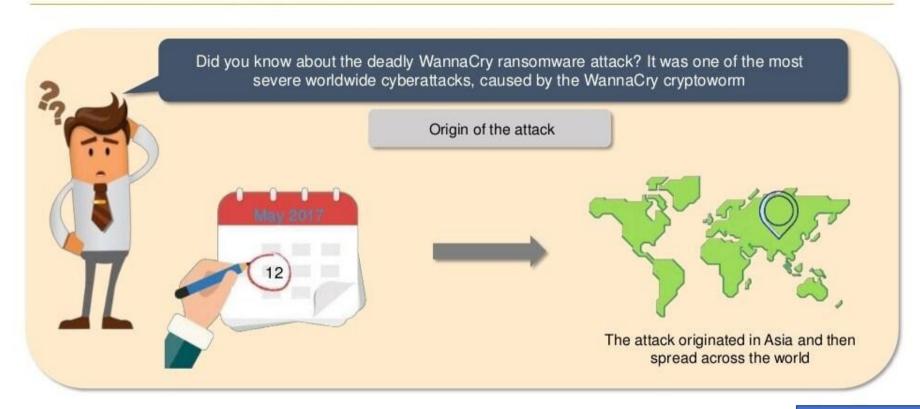
- 1. The Rise of Cybercrimes
- 2. Different types of Cyberattacks
- 3. Reasons for Cyberattacks
- 4. What is Cyber Security?
- 5. Basic Network Terminologies
- 6. Cyber Security Goals
- Tackling Cybercrime
- 8. Demo Metasploit Attack







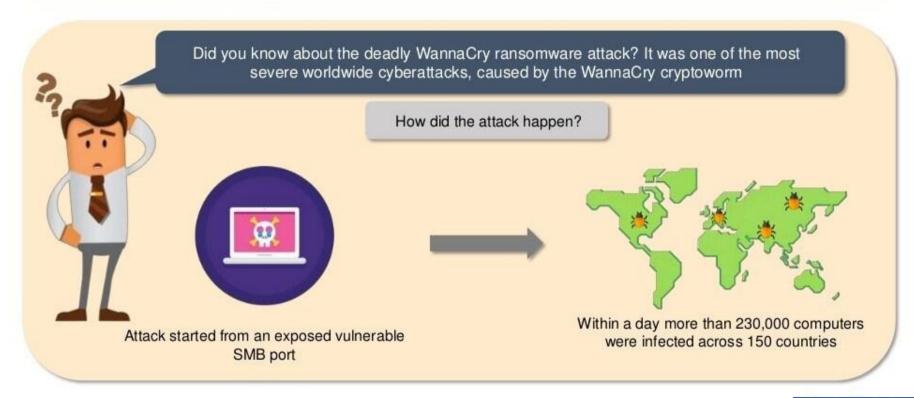
Did you know about the deadly WannaCry ransomware attack? It was one of the most severe worldwide cyberattacks, caused by the WannaCry cryptoworm



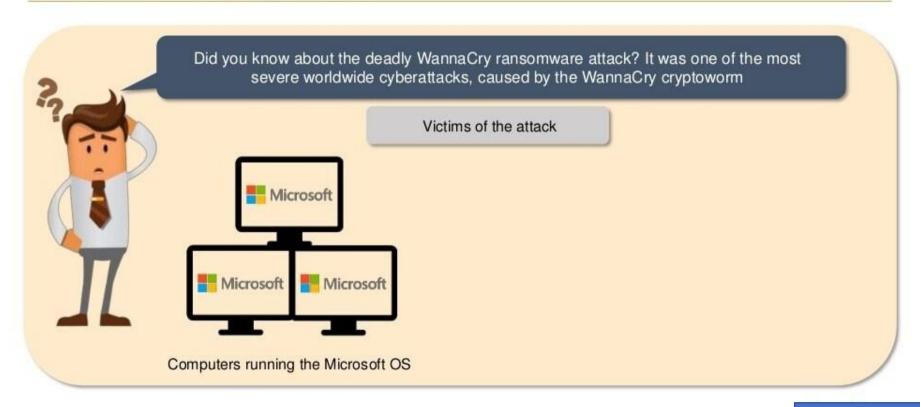




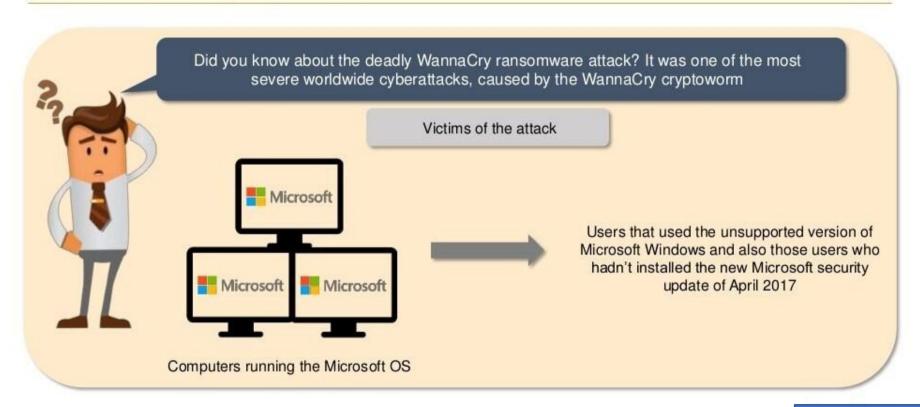














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Description of the attack

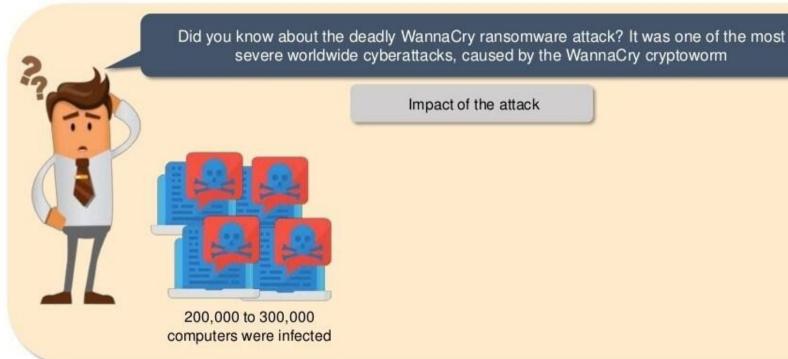


WannaCry cryptoworm encrypted the data and locked the users out of the target systems



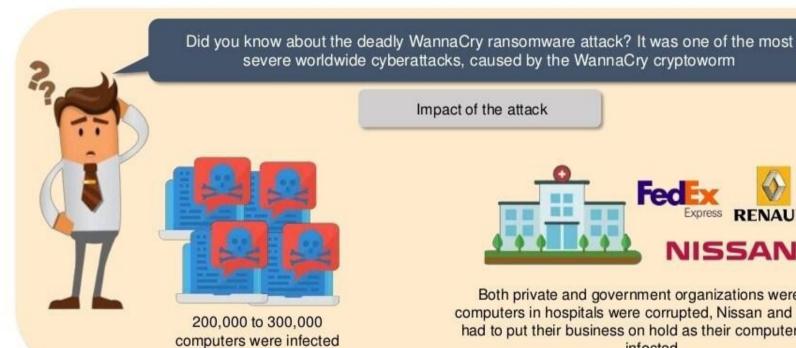
In return, the users were asked for a ransom of \$300 - \$600 which has to be paid via bitcoin





Impact of the attack





severe worldwide cyberattacks, caused by the WannaCry cryptoworm

Impact of the attack



Both private and government organizations were hit, computers in hospitals were corrupted, Nissan and Renault had to put their business on hold as their computers were infected



In February 2019, Dunkin' Donuts announced that the users of their rewards program were targeted by a credential stuffing attack. In such an attack, users' credentials are stolen



DUNKIN' DONUTS.



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Hacker



The user's first and last name, and email ID's were stolen



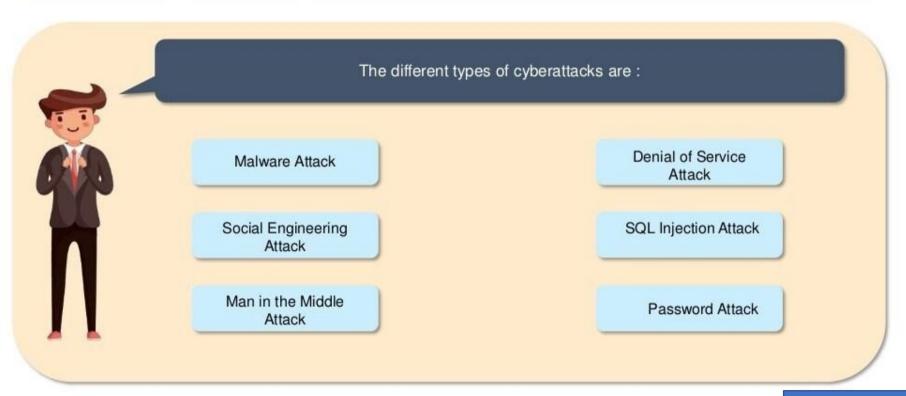








Different Types of Cyberattacks



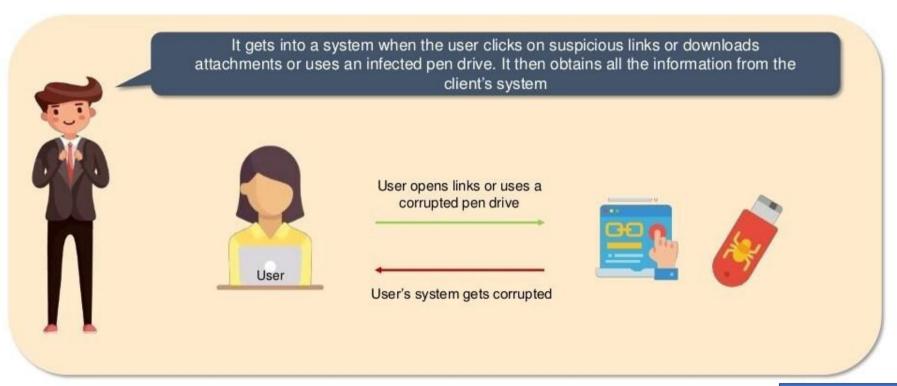


Malware Attack





Malware Attack





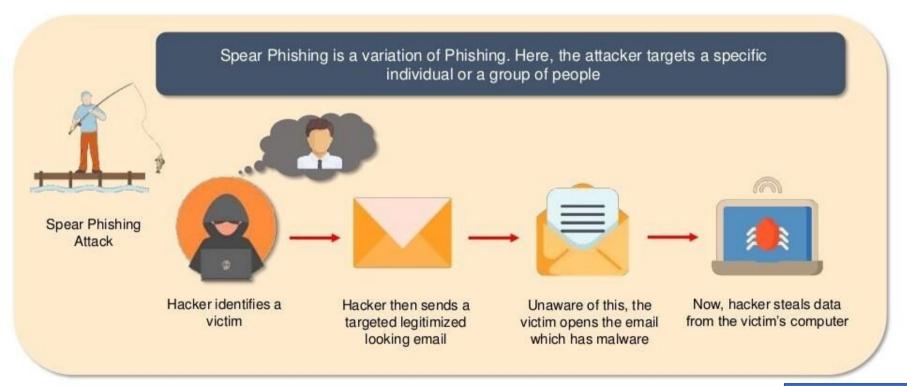


It is the art of manipulating people so that they end up giving their confidential information. It is broken down into 3 categories:

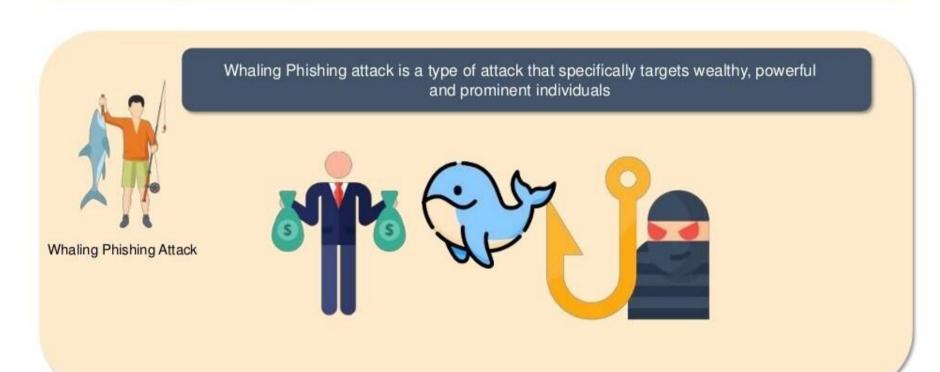




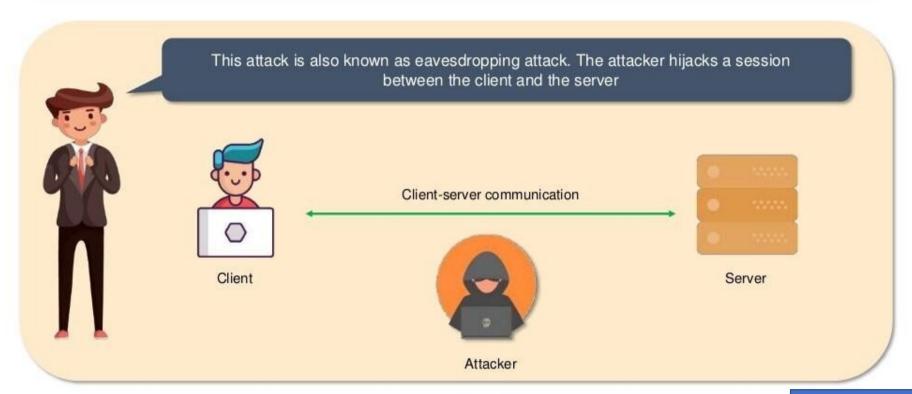






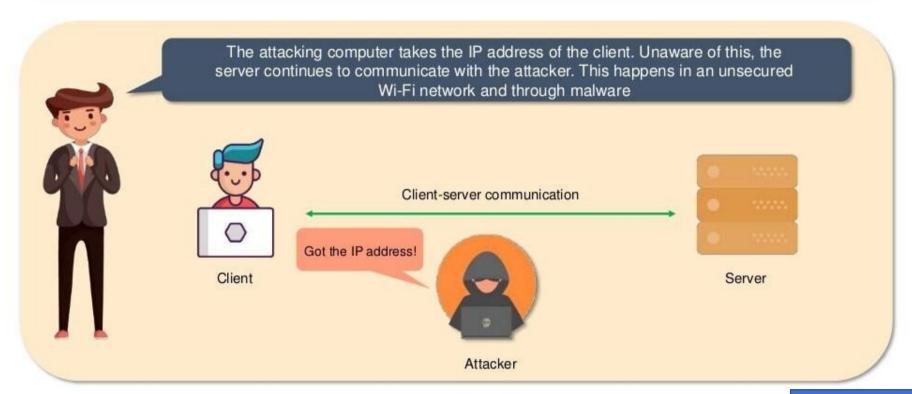


Man in the Middle Attack



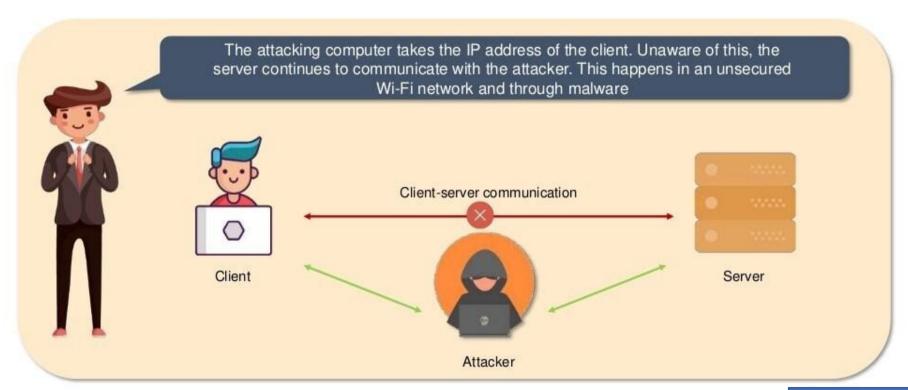


Man in the Middle Attack





Man in the Middle Attack





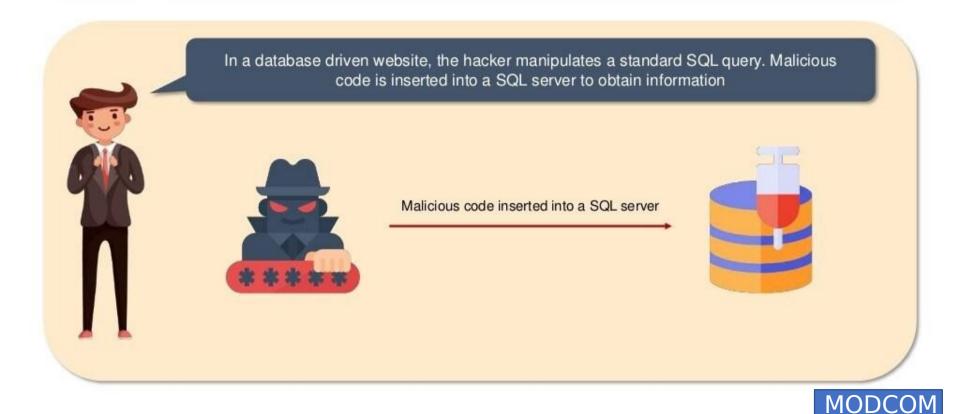
Denial of Service Attack



Denial of Service Attack



SQL Injection Attack



SQL Injection Attack



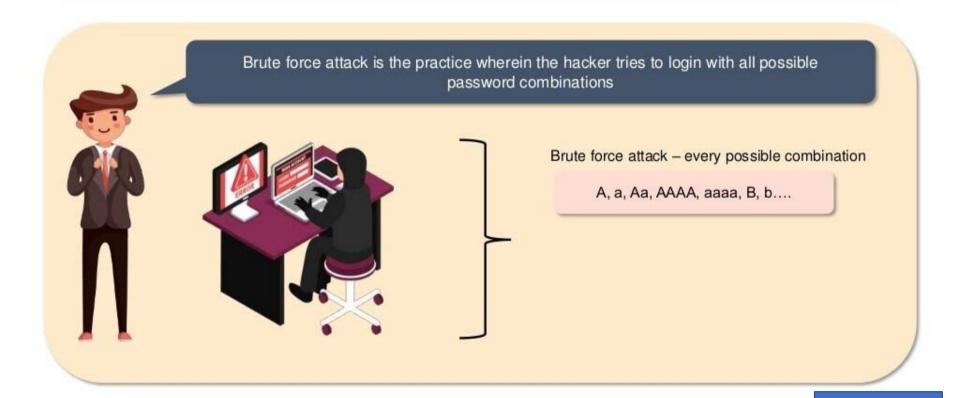


Password Attack

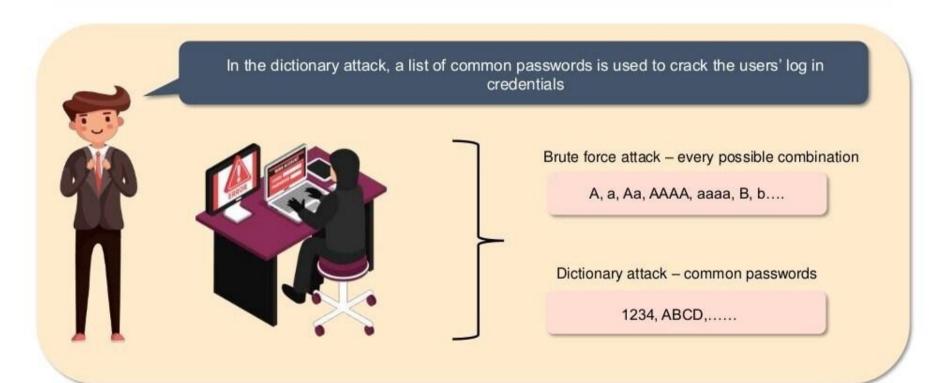




Password Attack



Password Attack



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Malware Attack , Password Attacks, SQL Injection, Denial of Service, Phishing Attacks

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Malicious Software

