

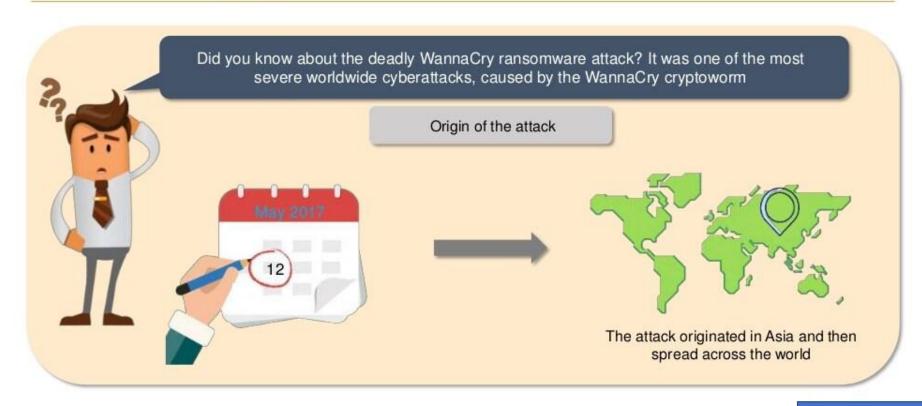
- 1. The Rise of Cybercrimes
- 2. Different types of Cyberattacks
- 3. Reasons for Cyberattacks
- 4. What is Cyber Security?
- 5. Basic Network Terminologies
- 6. Cyber Security Goals
- 7. Tackling Cybercrime
- 8. Demo Metasploit Attack



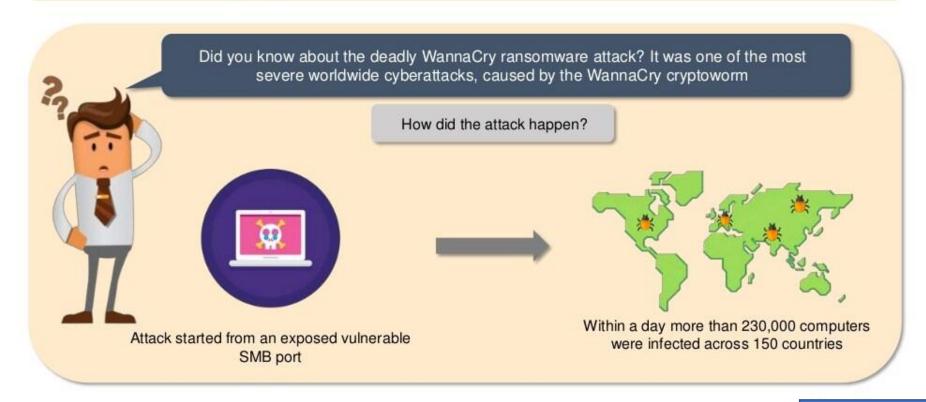


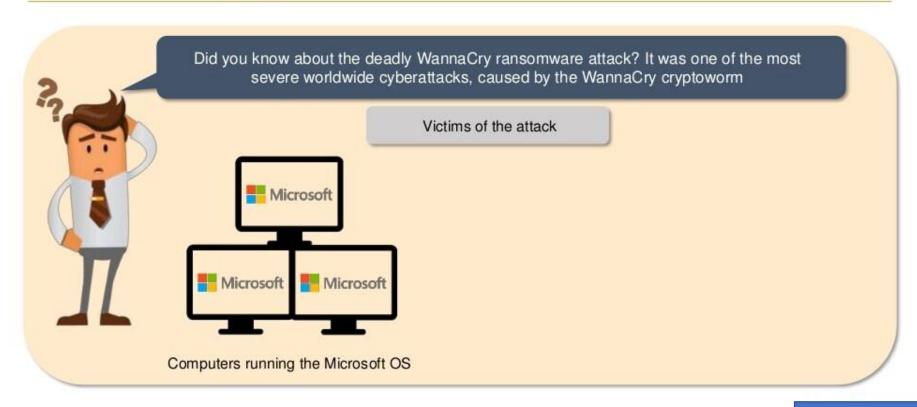


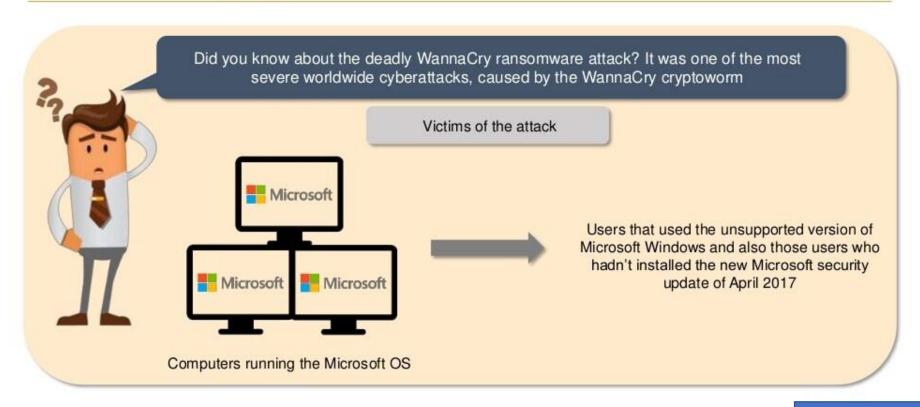
Did you know about the deadly WannaCry ransomware attack? It was one of the most severe worldwide cyberattacks, caused by the WannaCry cryptoworm











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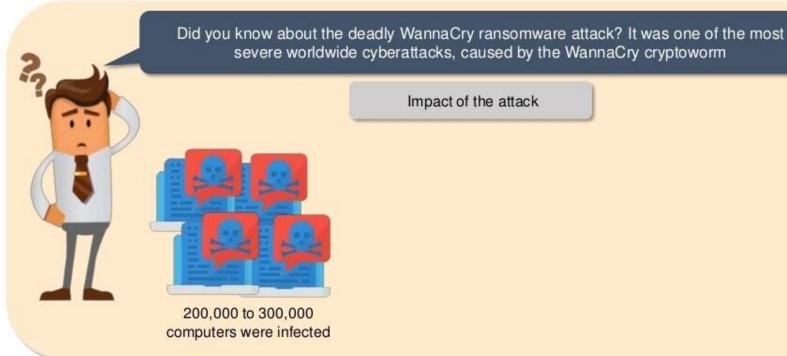
Description of the attack



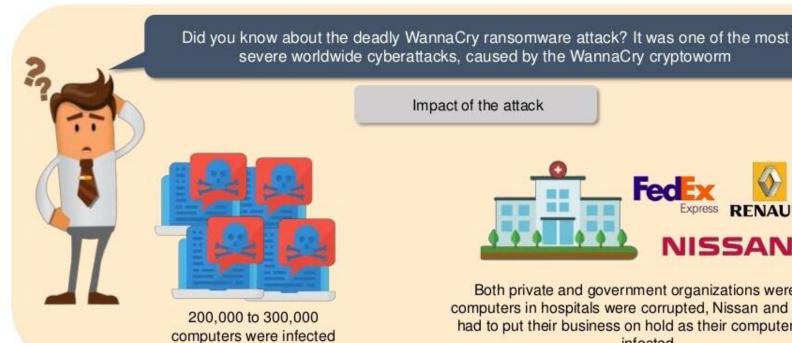
WannaCry cryptoworm encrypted the data and locked the users out of the target systems



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



Impact of the attack

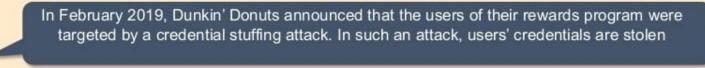


severe worldwide cyberattacks, caused by the WannaCry cryptoworm

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



Hacker



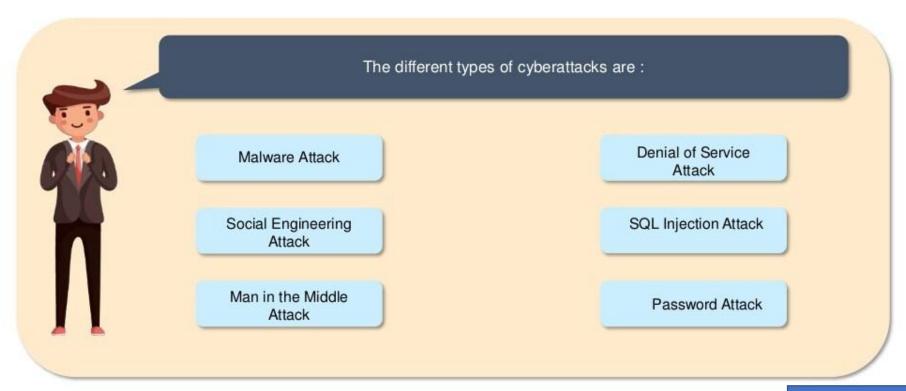
The user's first and last name, and email ID's were stolen







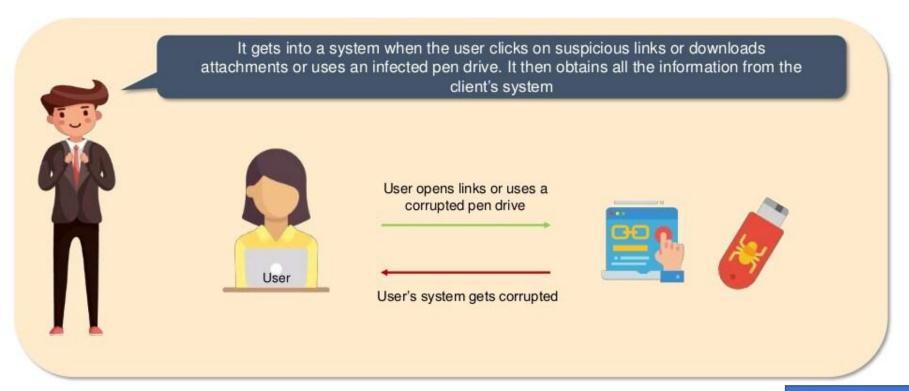
Different Types of Cyberattacks



Malware Attack



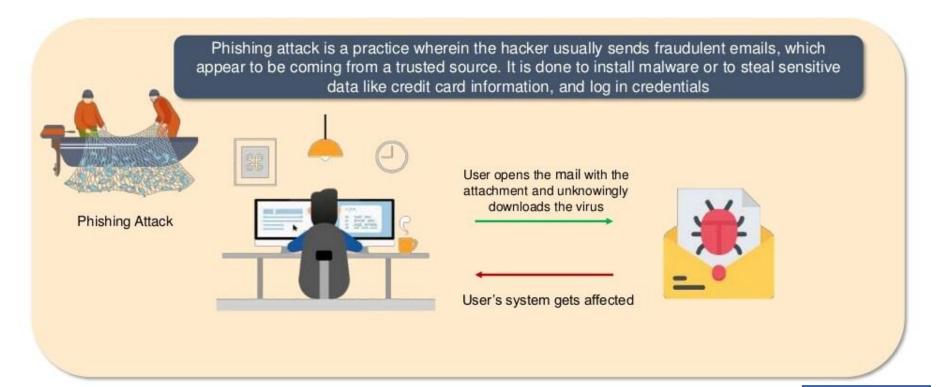
Malware Attack



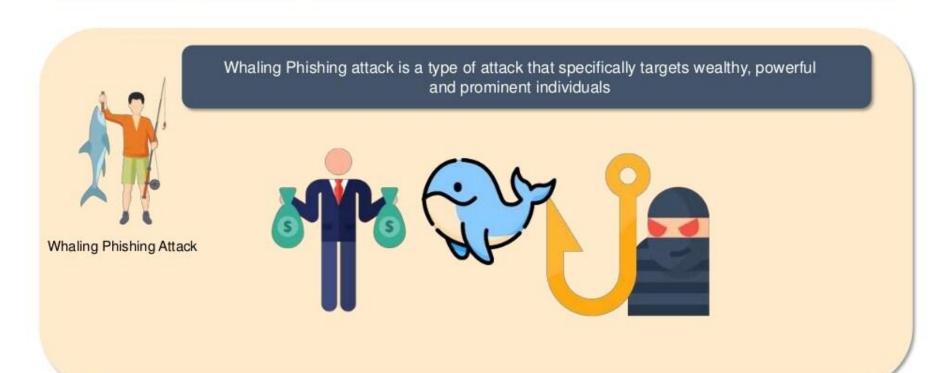


It is the art of manipulating people so that they end up giving their confidential information. It is broken down into 3 categories:

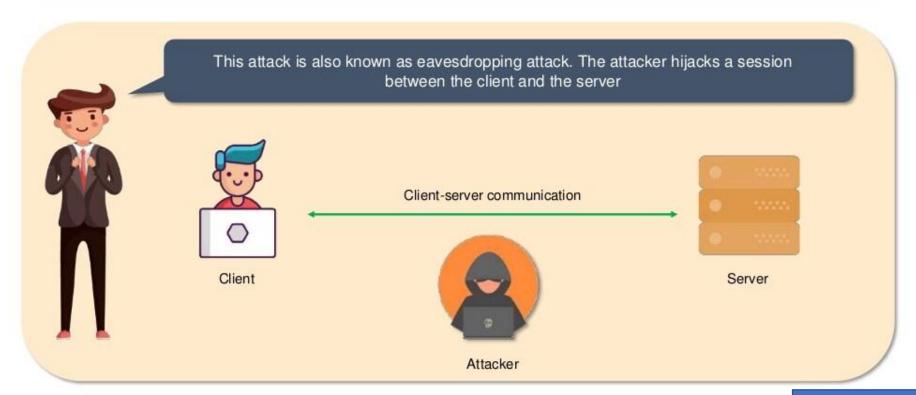




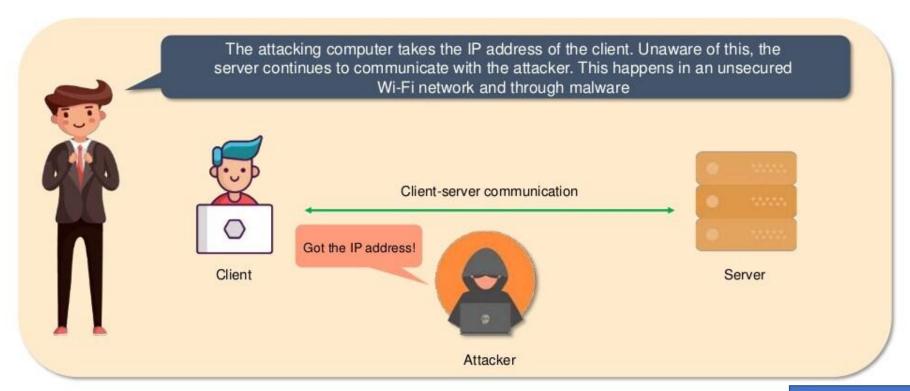




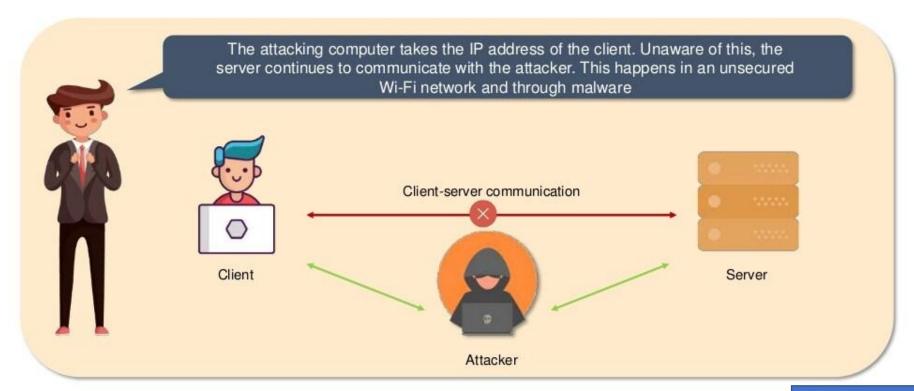
Man in the Middle Attack



Man in the Middle Attack



Man in the Middle Attack



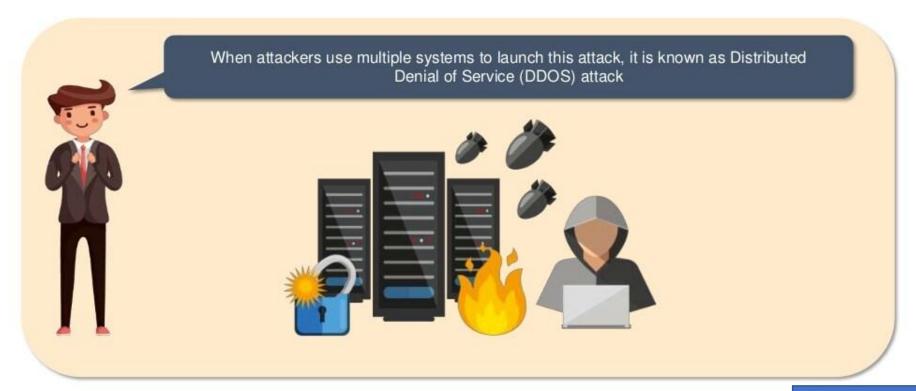
Denial of Service Attack



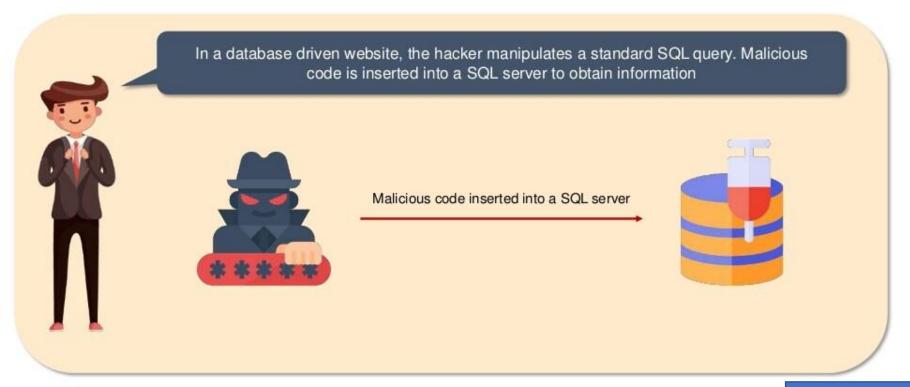
A Denial of Service attacks' motive is to flood systems and networks with traffic to exhaust its resources and bandwidth. By doing so, it is unable to cater to legitimate service requests



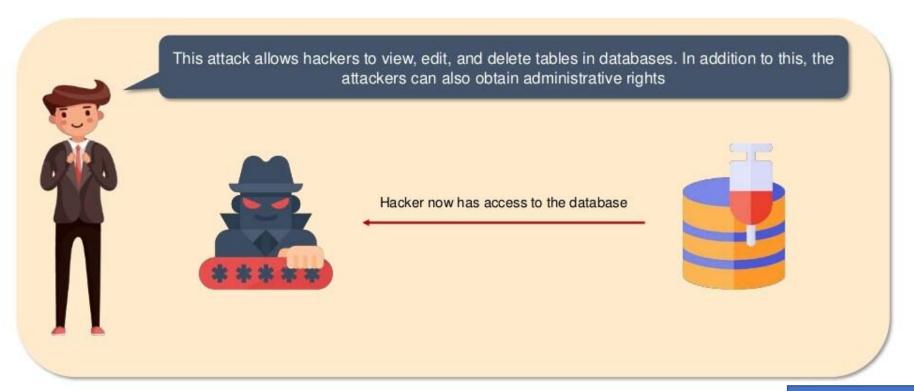
Denial of Service Attack



SQL Injection Attack



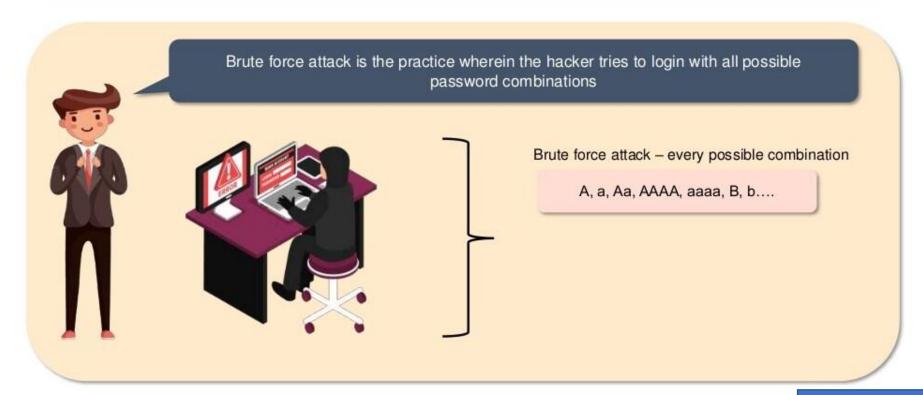
SQL Injection Attack



Password Attack



Password Attack



Password Attack

