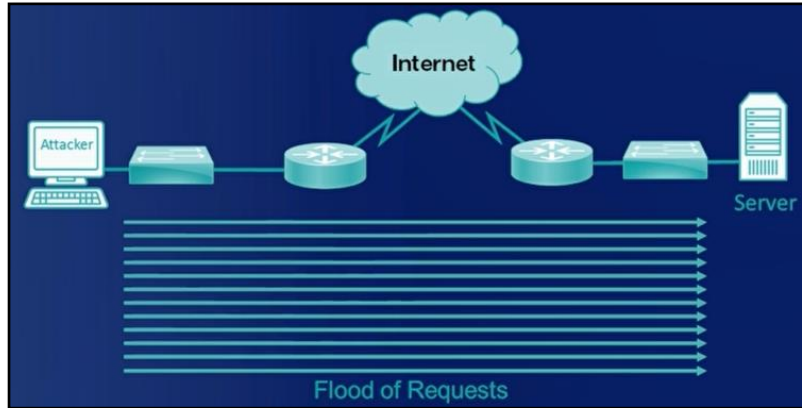




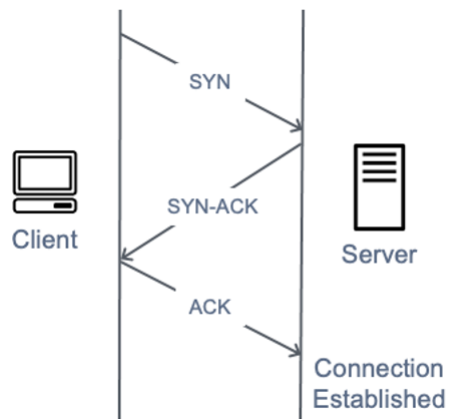
آموزش نتورک پلاس

Network Attacks

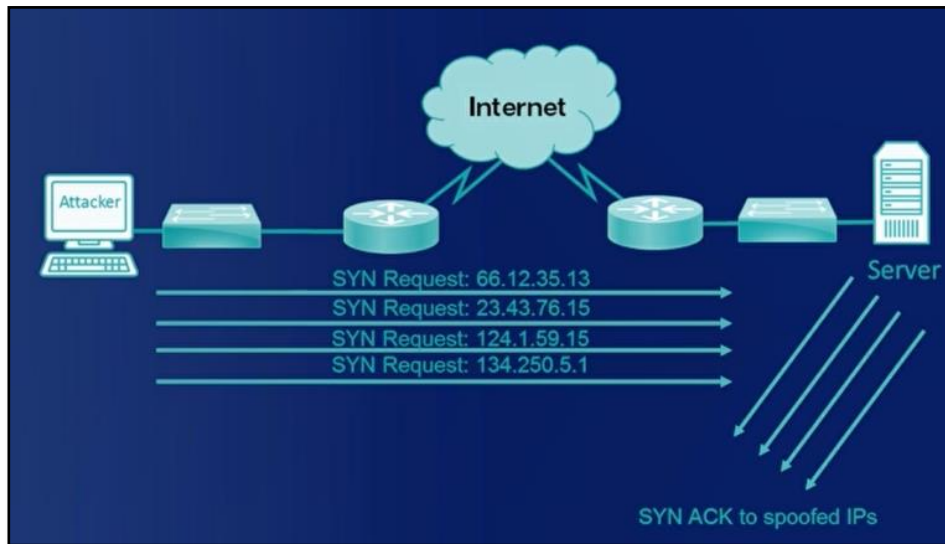
Denial Of Service (DOS) Attacks



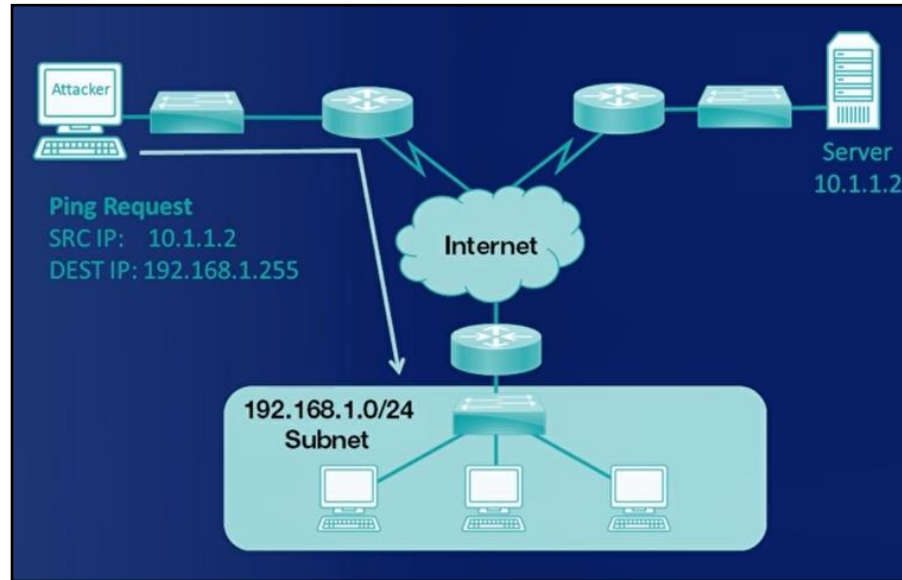
TCP SYN Flood



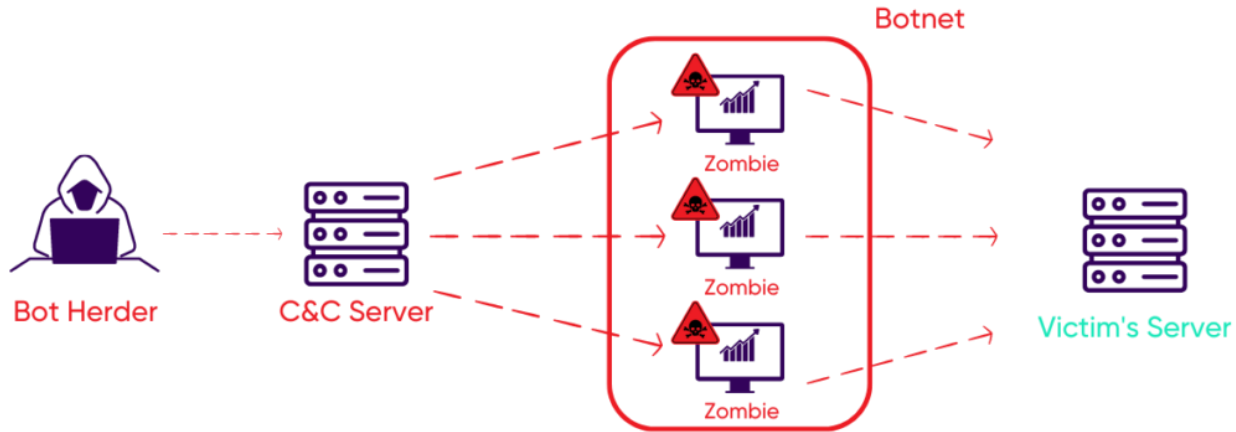
3-Way Handshake



Smurf Attack (ICMP Flood)



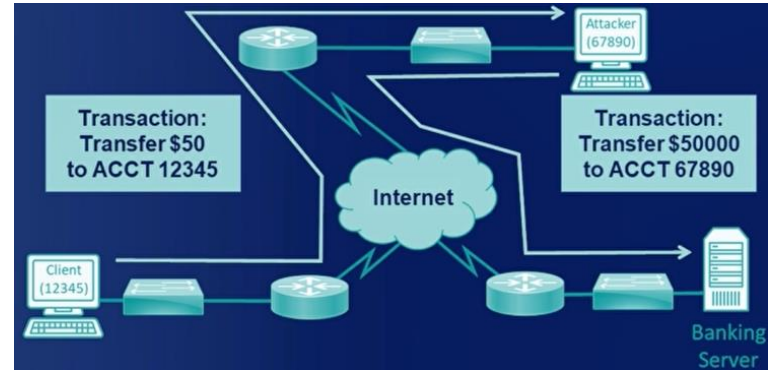
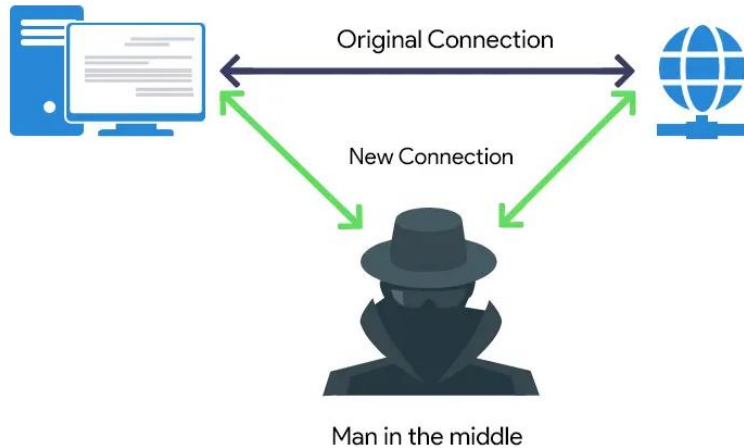
Distributed Denial Of Service (DDOS) Attack



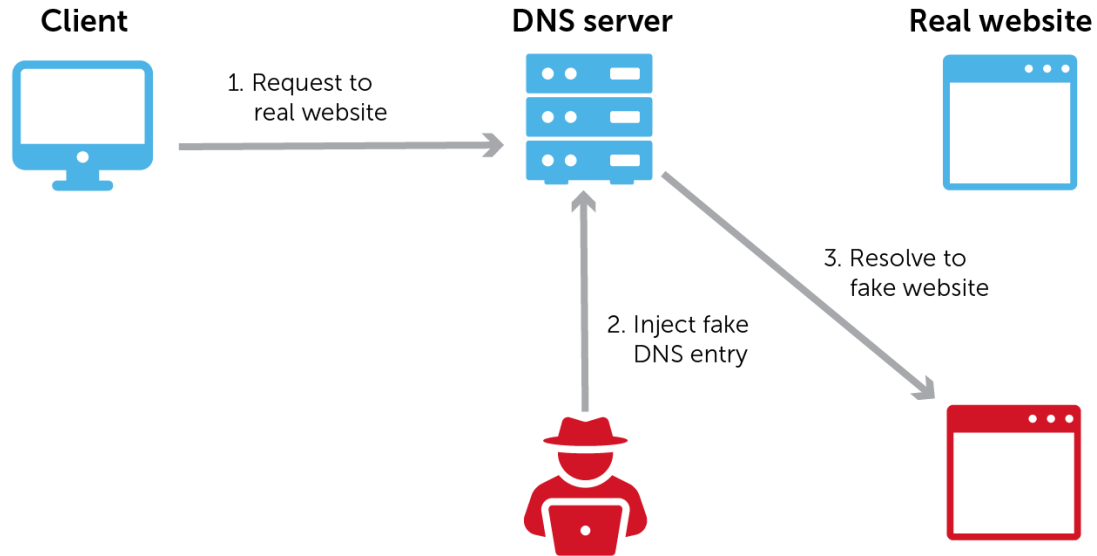
General Network Attacks



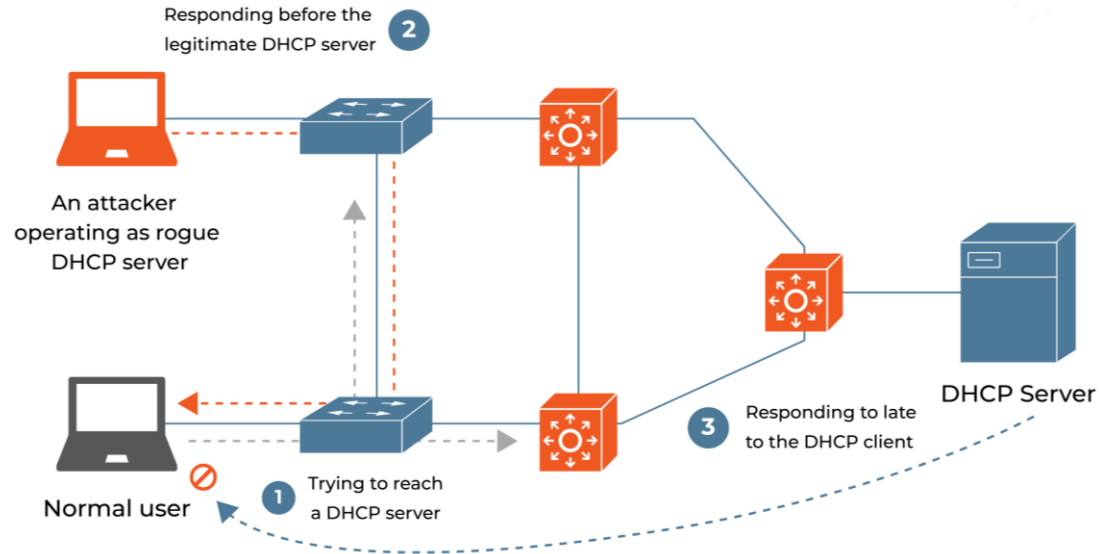
On-Path / Man-in-the-Middle (MITM) Attack



DNS Poisoning



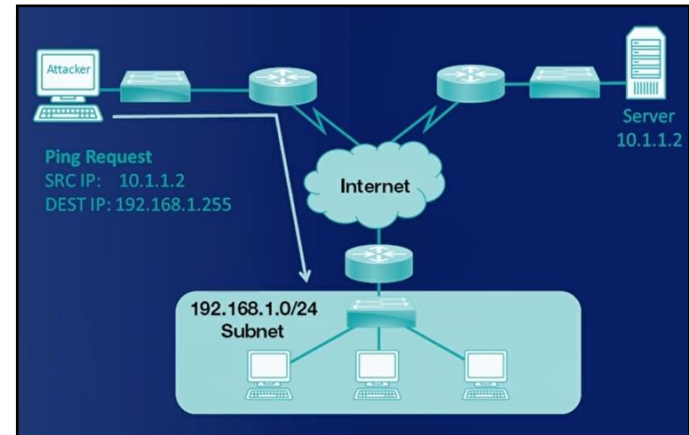
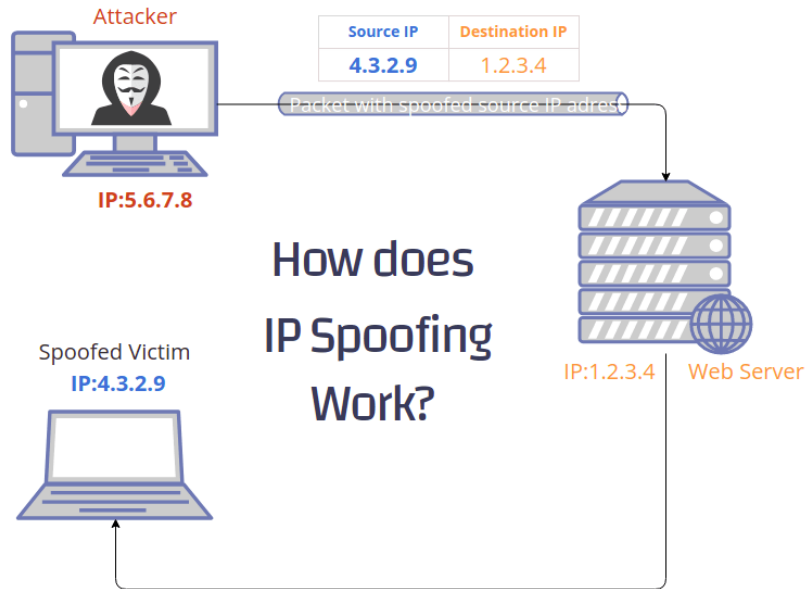
Rogue DHCP Server



Spoofing Attacks

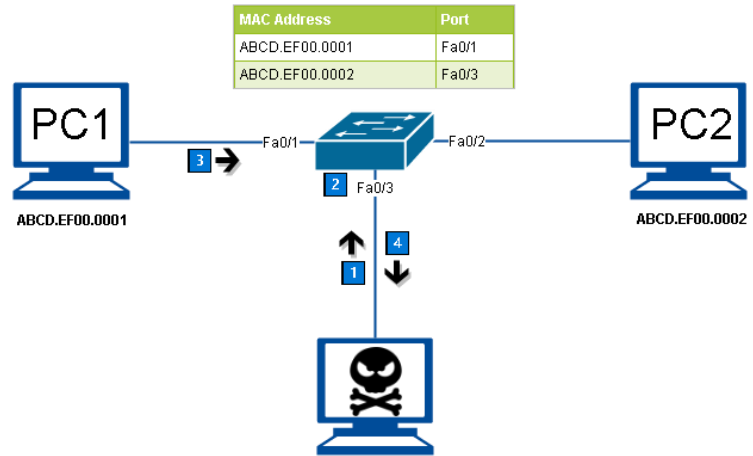


IP Spoofing

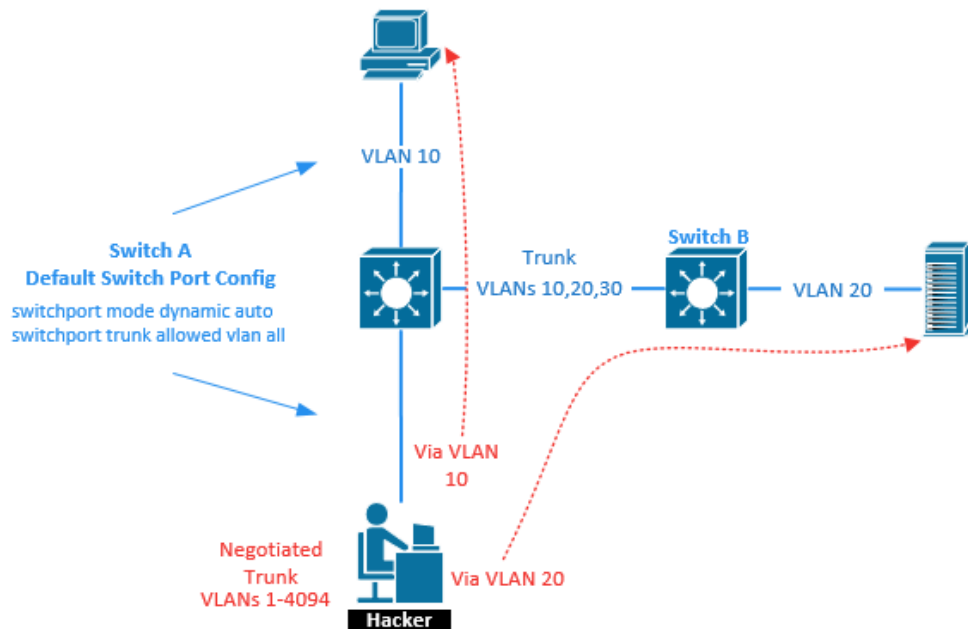


MAC Spoofing

- ARP Spoofing / Poisoning



Switch spoofing



Malware (Malicious Software)

- » Virus
- » Worm
- » Trojan horse
- » Ransomware
- » Spyware
- » Rootkit



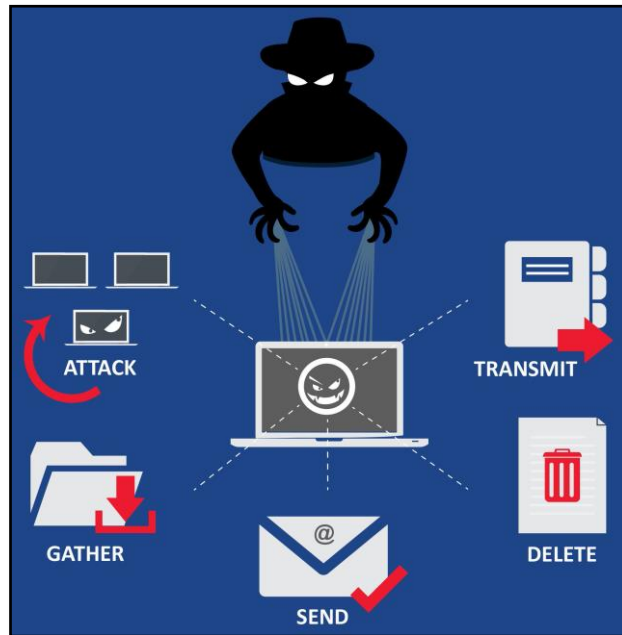
Virus vs Worm



Trojan horse



Remote Access Trojan (RAT)



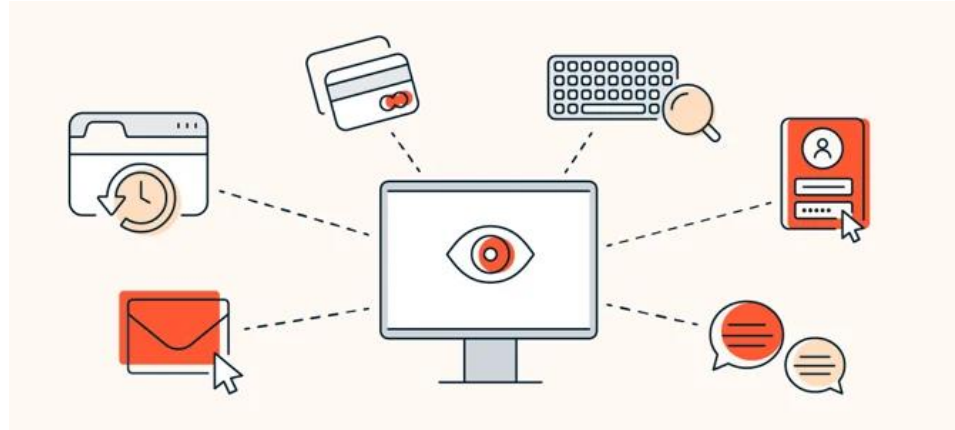
Ransomware



Spyware



Key Logger



Rootkit

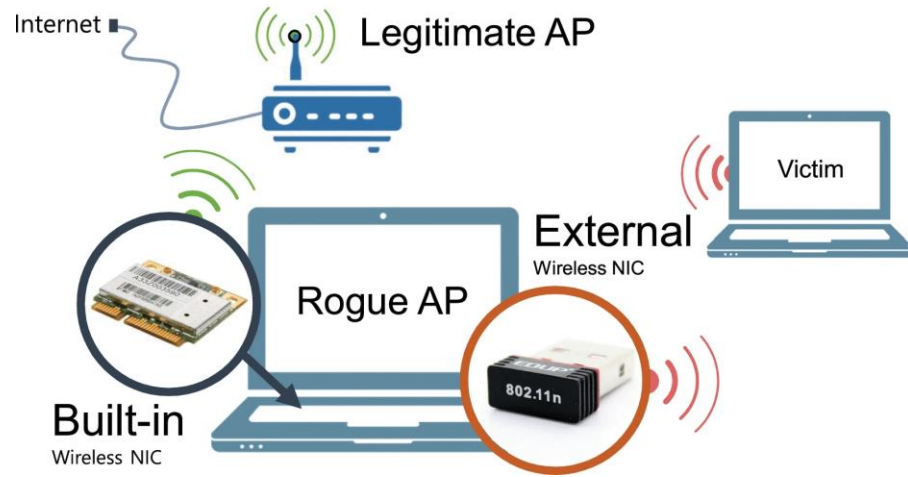


Wireless Attacks

- » Rogue access point
- » Evil twin
- » Deauthentication
- » Password attack
- » Wireless interception



Rogue access point

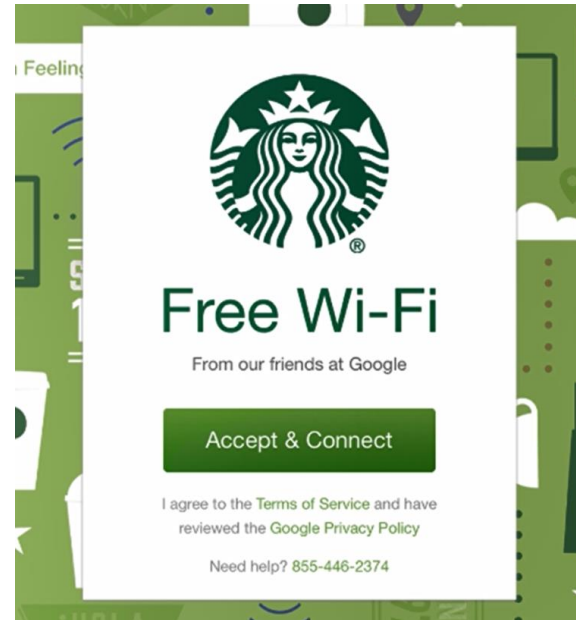
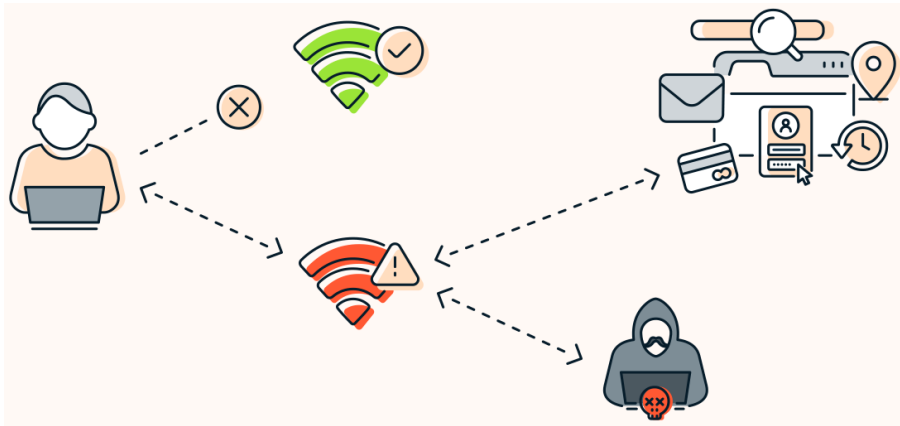


Shadow IT

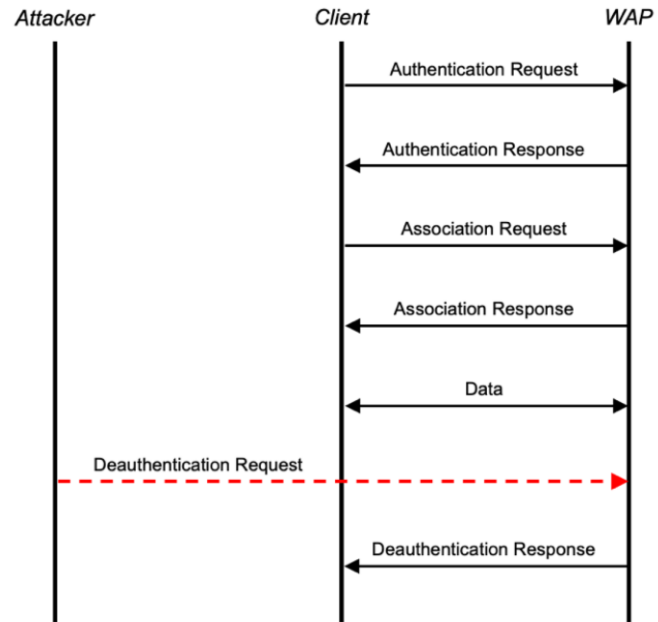
- » Use of IT systems, devices, software, applications, or services without the explicit approval of the IT department.



Evil Twin



Deauthentication

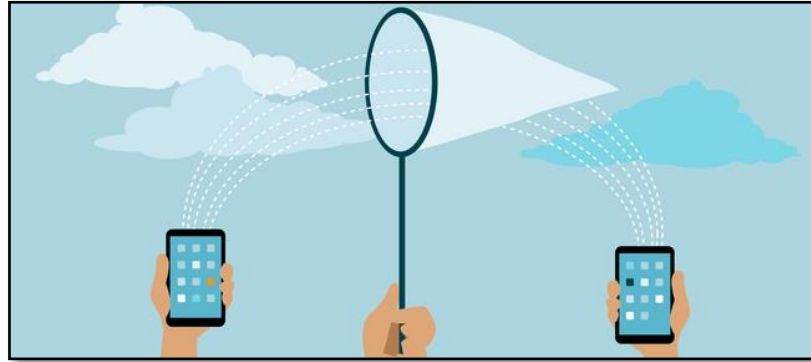


Password attack

- » Dictionary Attack
- » Brute Force Attack
- » Hybrid Attack

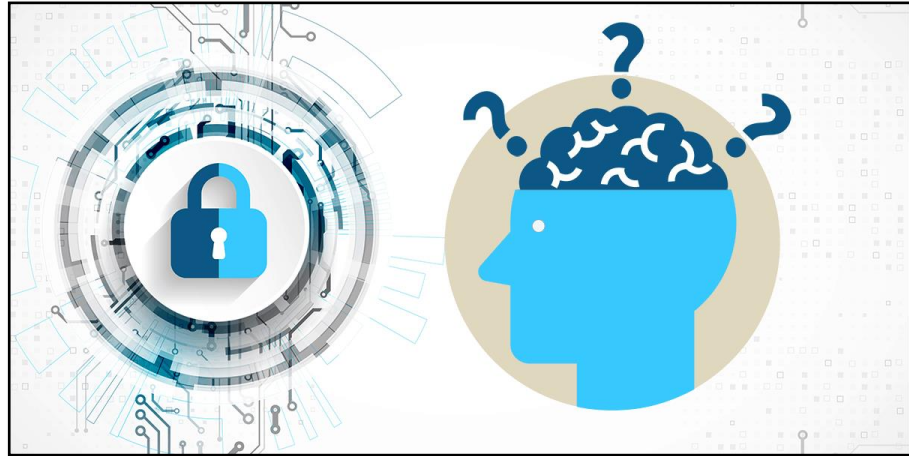


Wireless Interception



Social Engineering Attack

- » Phishing
- » Tailgating
- » Piggybacking
- » Shoulder surfing
- » Eavesdropping
- » Dumpster diving



Phishing



Email, Voice, SMS, IM, . . .

PayPal

Your access has been limited

Dear Client,

Our technical support and customer department has recently suspected activities in your account.

Your Paypal account has been limited because we've noticed significant changes in your account activity. As Your payment processor, we need to understand these change better.

We're always concerned about our customers security so please help us recover your account by following the link below.

[Restore Payment To PayPal](#)

60-70% response rate

Phishing

Phishing

A broader term that covers any type of attack that tries to fool a victim into taking some action. Does not have a specific target.



Spear phishing

A type of phishing that targets individuals

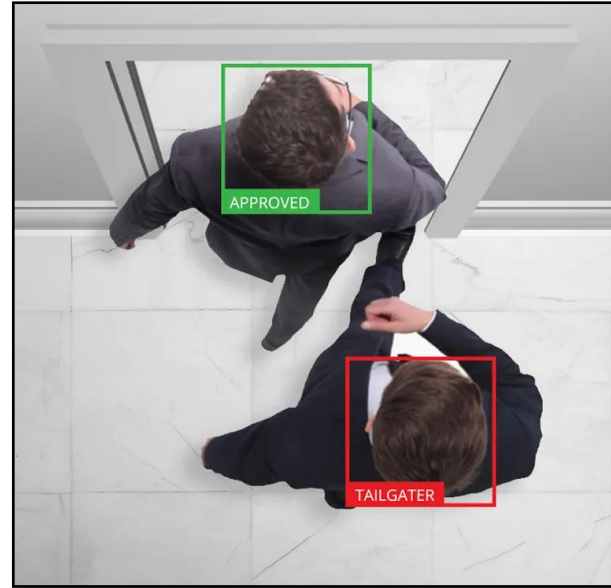
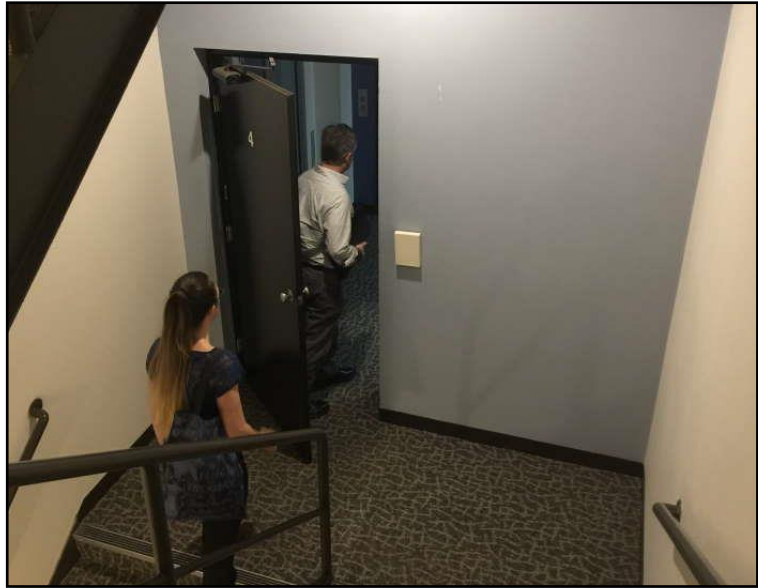


Whaling

A form of spear phishing that targets high-ranking victims within a company.



Tailgating



Piggybacking



Shoulder Surfing



Eavesdropping



Dumpster Diving



Insider Threat



Logic bomb





عباس ولی زاده

مدرس دوره های شبکه و امنیت