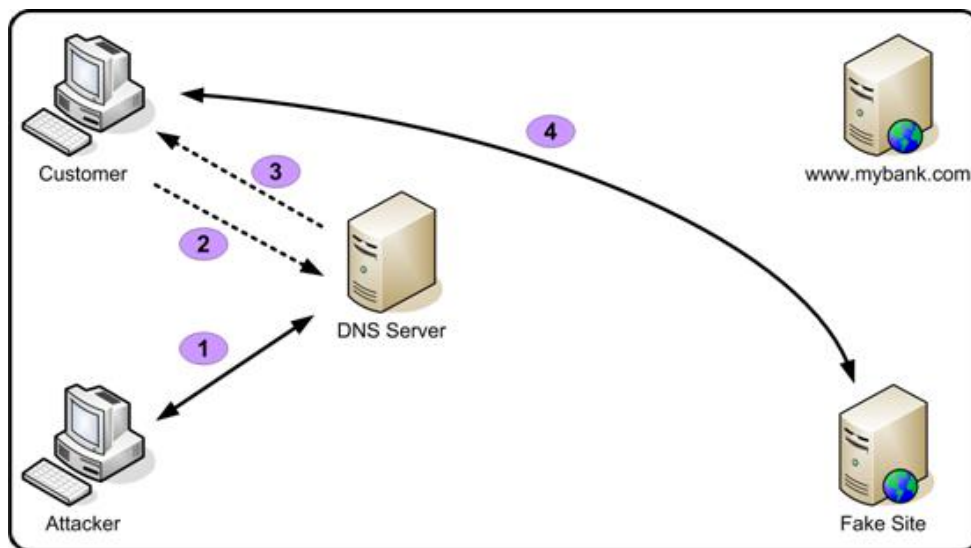


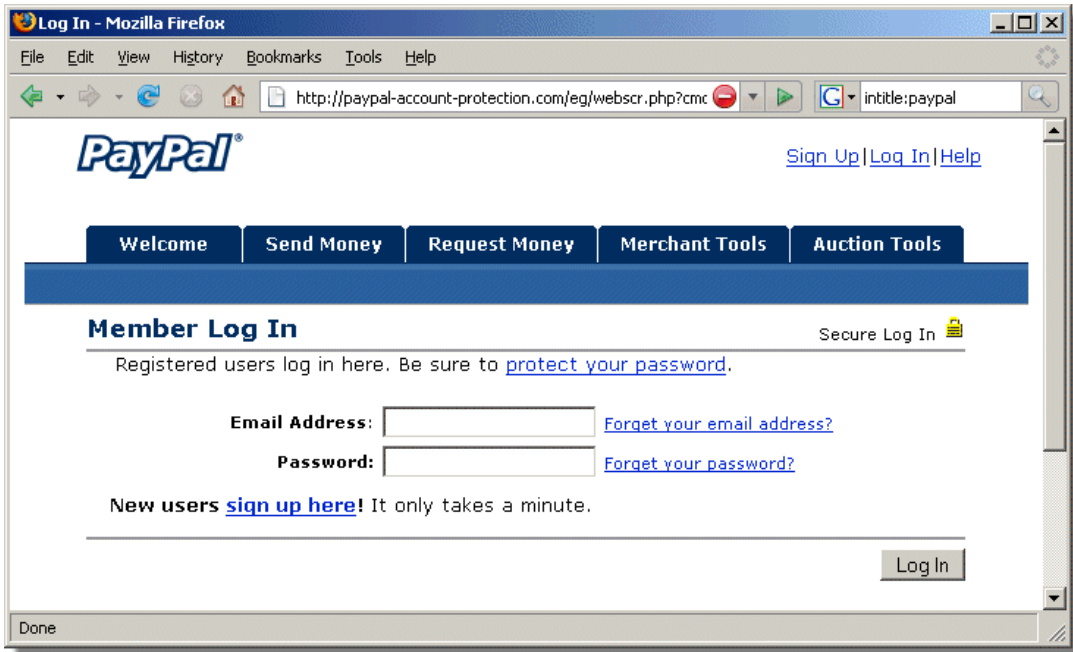
# Security



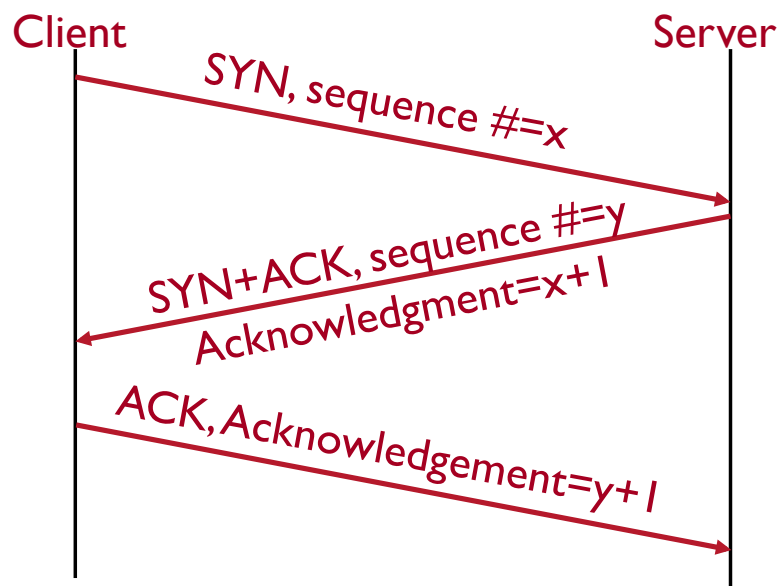
# DNS Spoofing



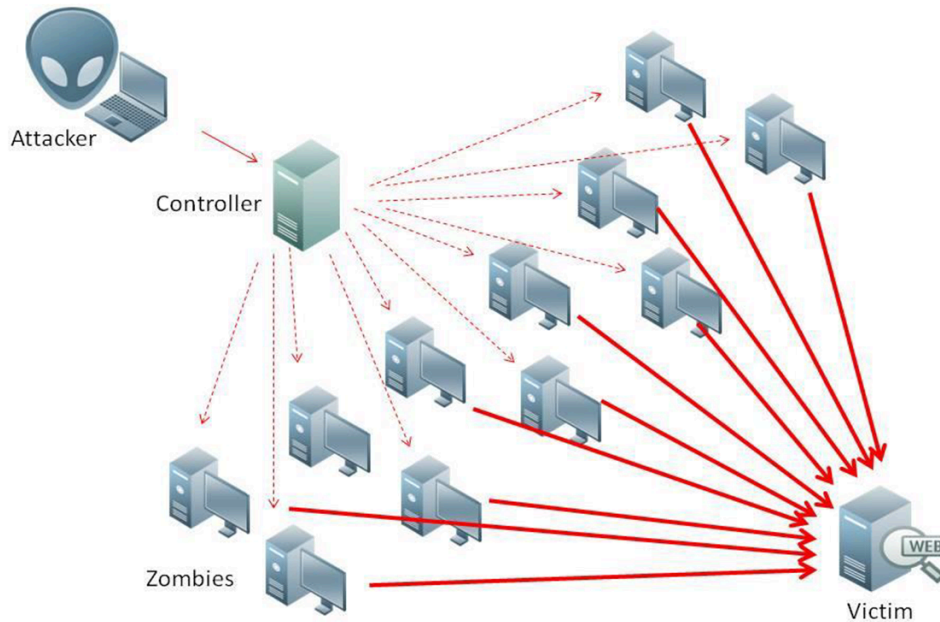
# Phishing



# TCP Three-Way Handshake



# Distributed Denial of Service (DDoS)

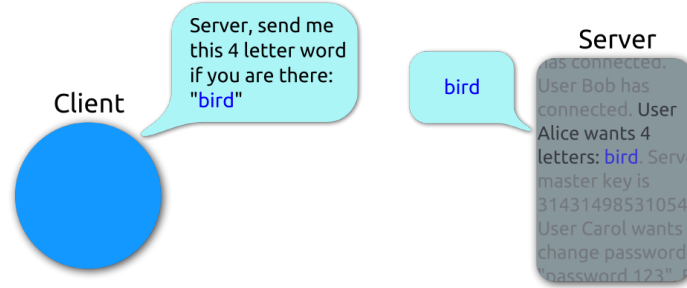


# Botnet Resource Consumption

Attack	Resource Threshold	Requests/Bot	Bots needed to exhaust
Static HTTP GET	60,000/sec	93 requests/sec at 250 bytes/request	645
Dynamic HTTP GET	3,000/sec	93 requests/sec at 250 bytes/request	40
SSL Handshake	600/sec	10 requests/sec	60

# Heartbleed (2014)

## ♥ Heartbeat – Normal usage



## ♥ Heartbeat – Malicious usage

