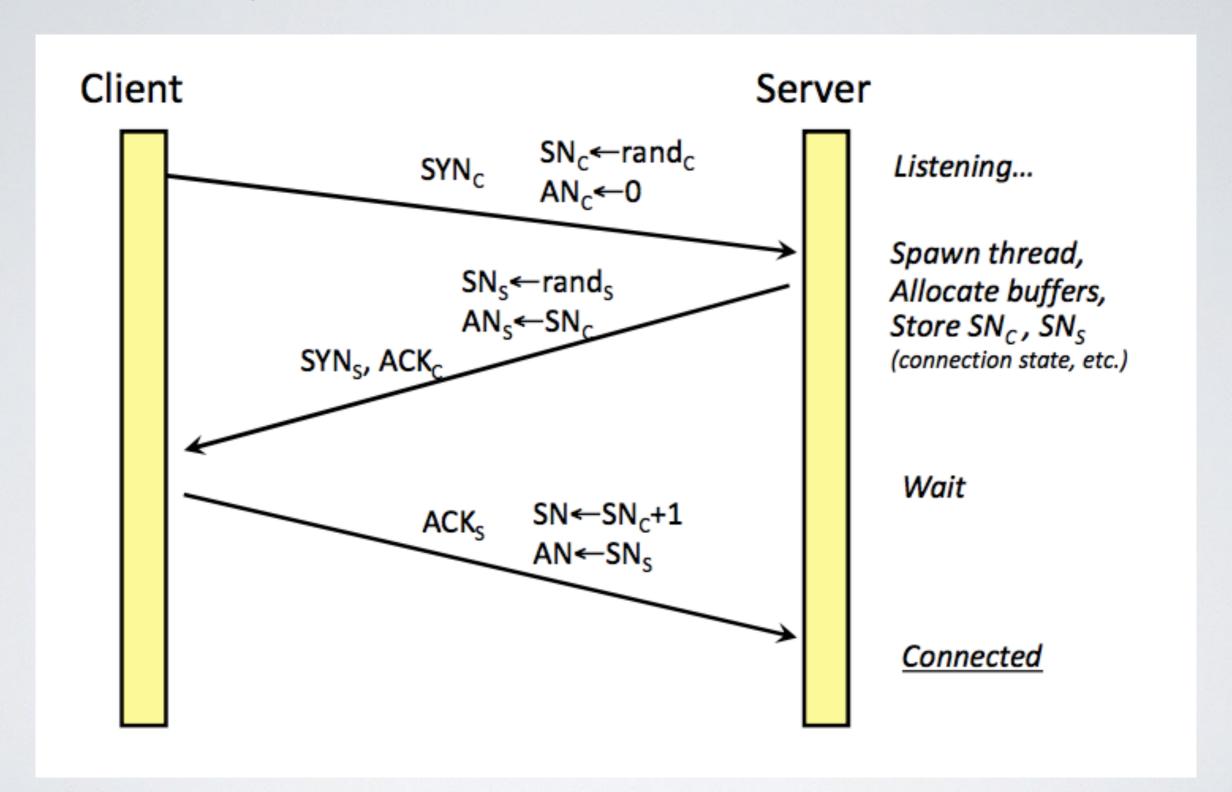
TCP "3-way" handshake





Port scanning

→ Using the "3-way" handshake, an attacker can scan for all open ports for a given host

e.g. nmap

... 549.4... 192.168.2... 192.168.2... TCP 66 51467 → 8001 [SYN] Seq=0 Win=64240 Len=0 MSS=... 549.4... 192.168.2... 192.168.2... TCP 54 8001 → 51467 [RST, ACK] Seq=1 Ack=1 Win=0 Len...