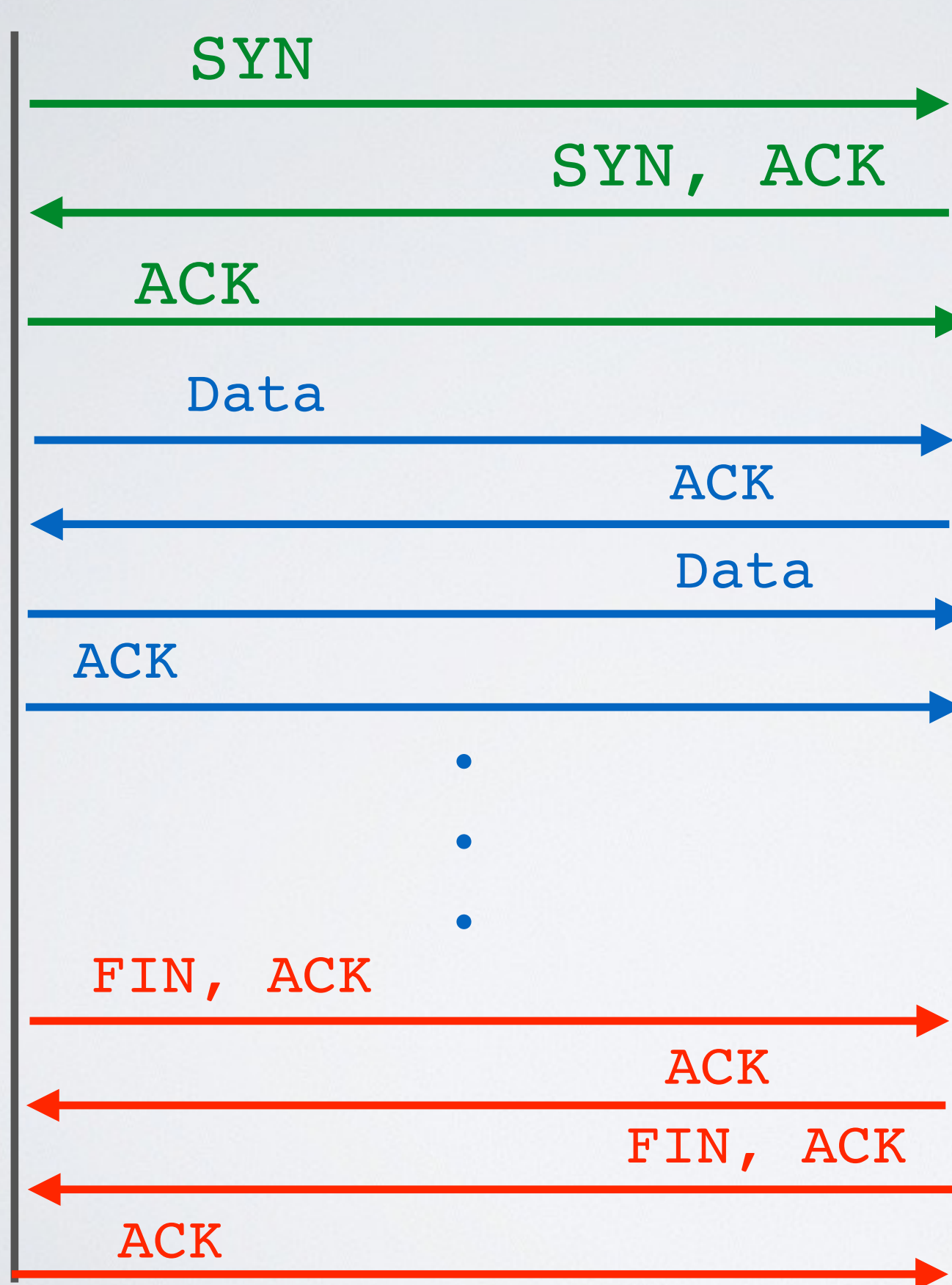


Anatomy of a TCP connection



The server **allocates resources** to handle that connection (thread, buffer and others)

Port scanning

~ confidentiality



- ➔ Using the “3-way” handshake, an attacker can scan for all open ports for a given host

e.g. `nmap`