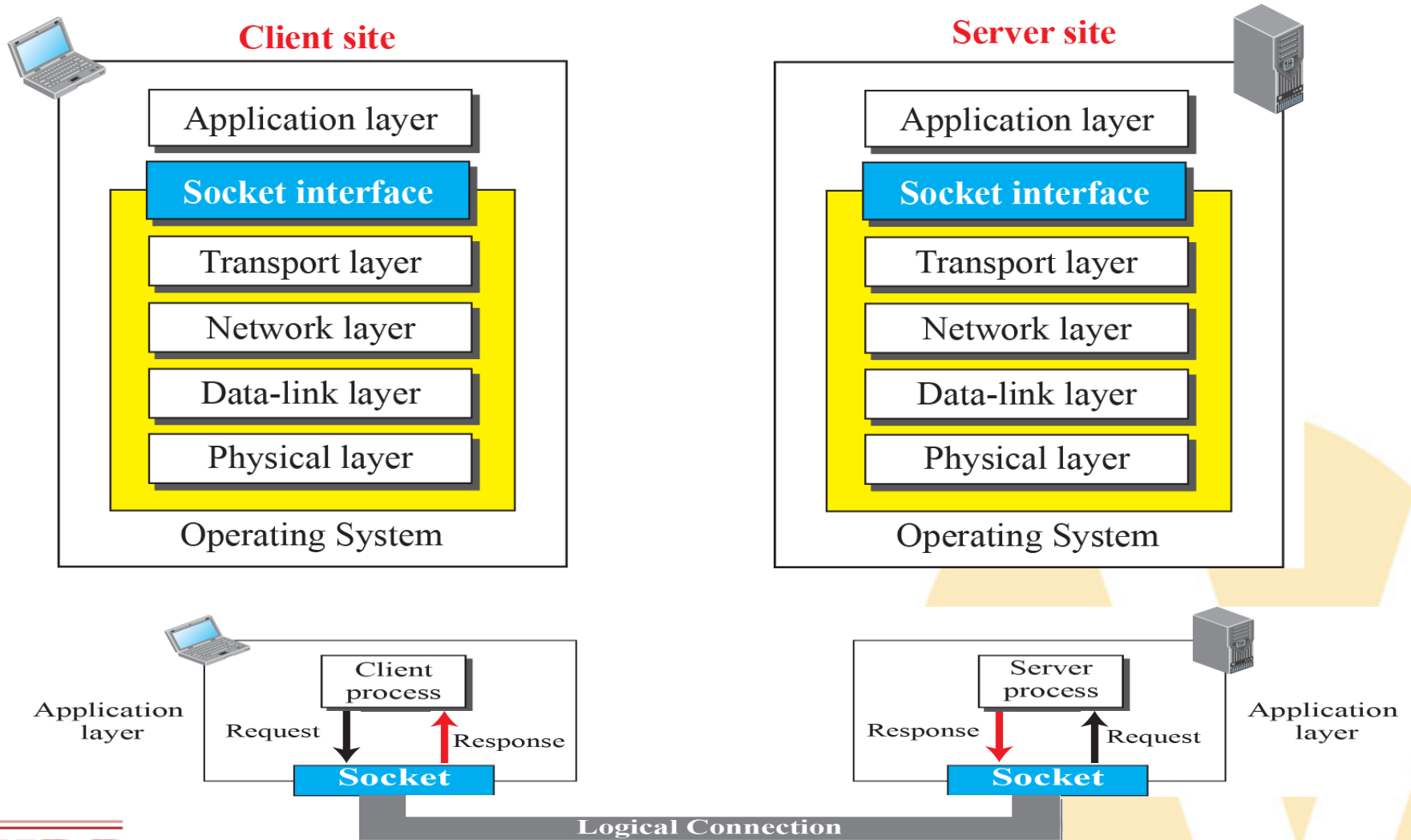


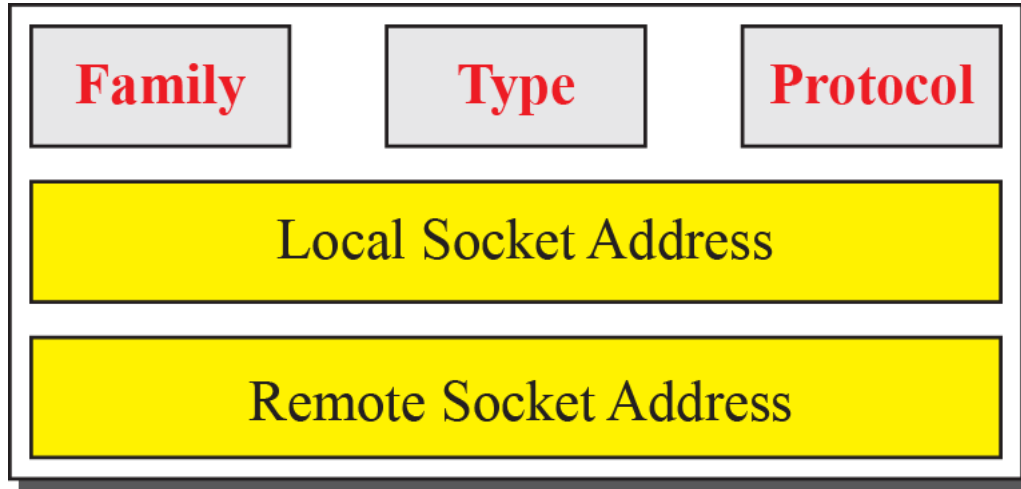
Additional Charts on Sockets

EE450: Computer Networks
University of Southern California
Professor: A. Zahid

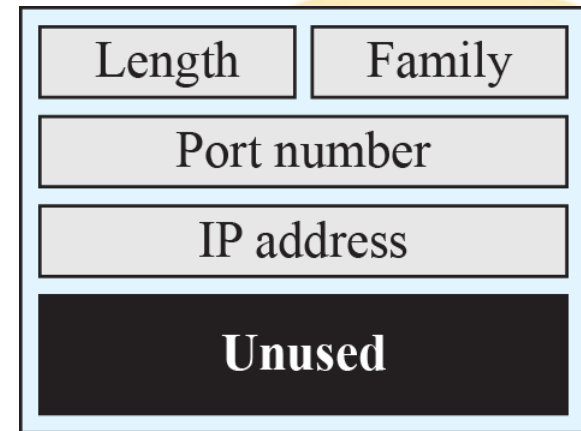
Concept of Sockets



Socket Structure and Address

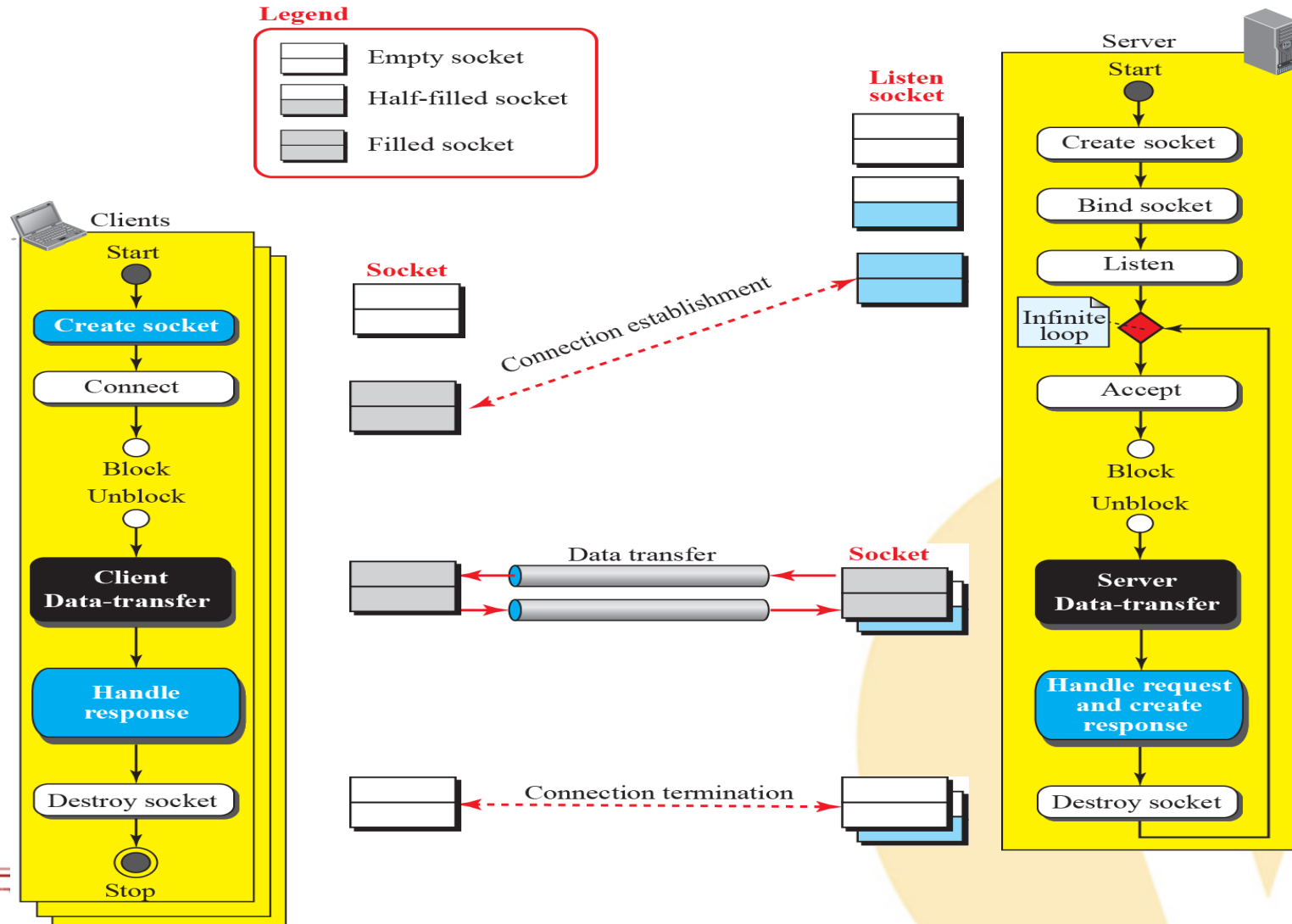


Socket

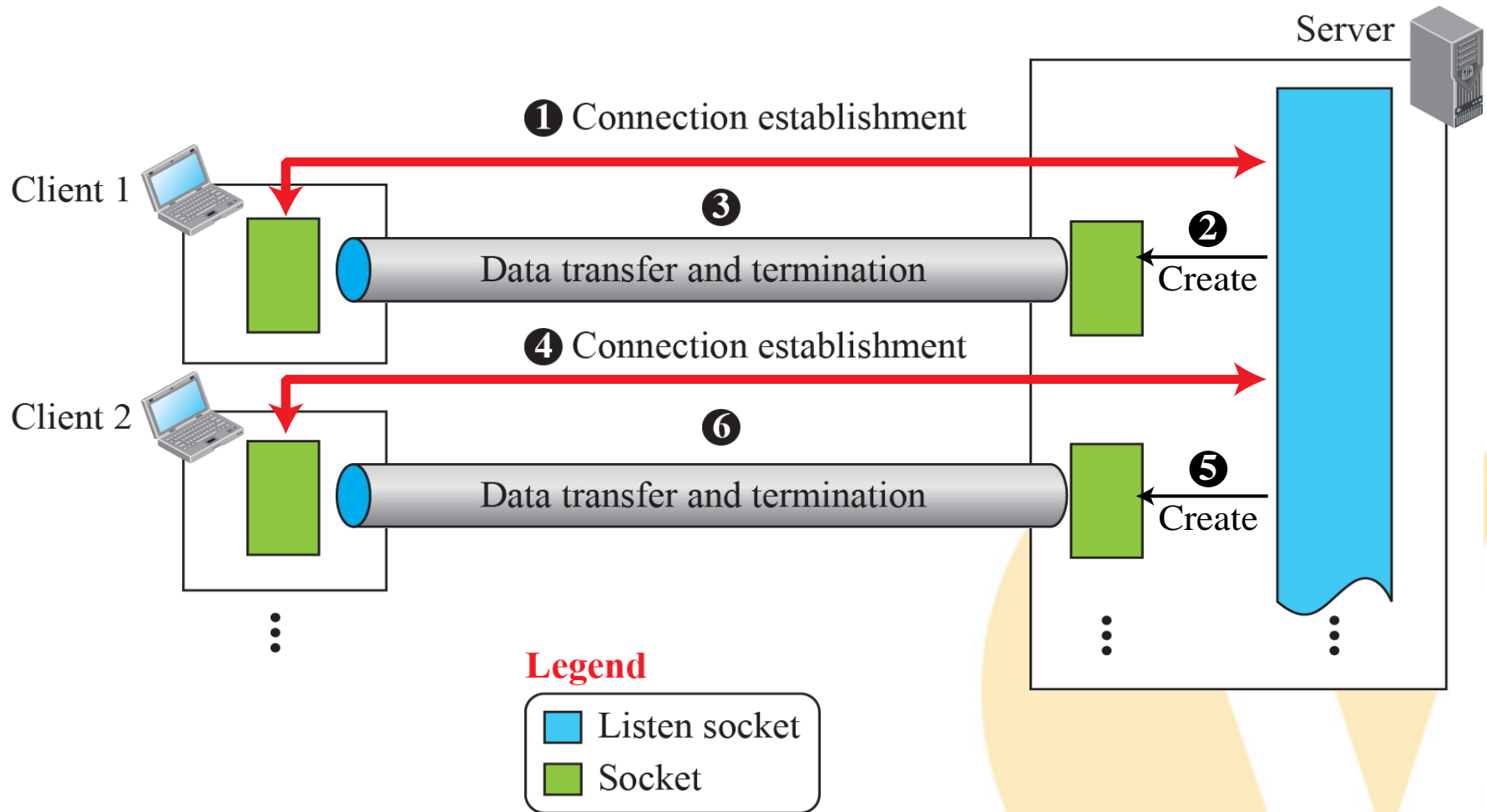


Socket address

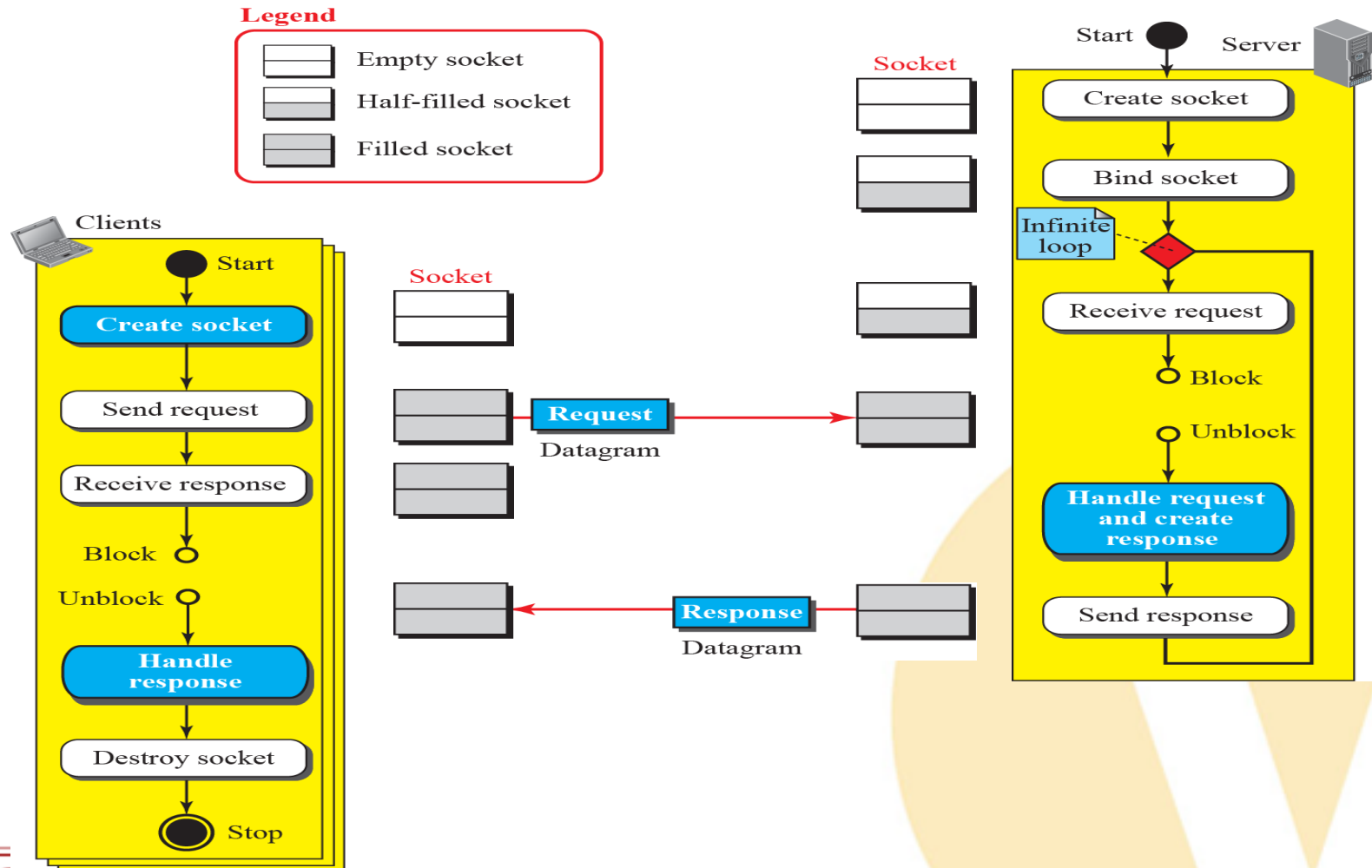
TCP Sockets (Stream Sockets)



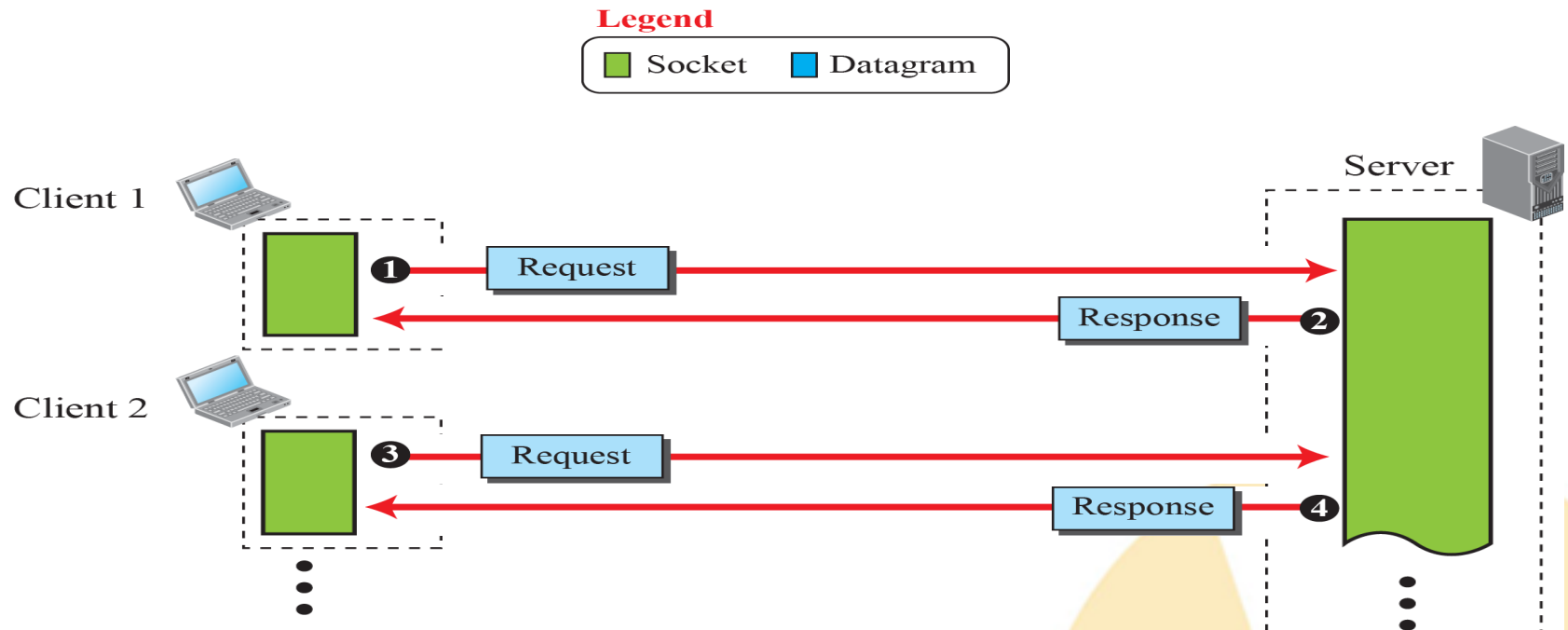
TCP Sockets (Concurrent)



UDP (Iterative) Datagram Sockets



UDP Datagram Sockets (Iterative)



An iterative server can process one client request at a time; it receives a request, processes it, and sends the response to the requestor before handling another request. When the server is handling the request from a client, the requests from other clients, and even other requests from the same client, need to be queued at the server site and wait for the server to be freed.