Chapter 18

Tunneling **Data Packets-Theory**

Protocol Data Unit:

Transferred between level N and level N-1.

Includes headers

Send: adds headers and trailers and pass to the next level down.

Receive: remove headers and trailers and pass it to the next level up.

Data Packets - Actual

Packet size at some levels may be smaller.

header	header	data		trailer
N-1	N	N		N-1
header	ــاــ	ta	trailer	trailer

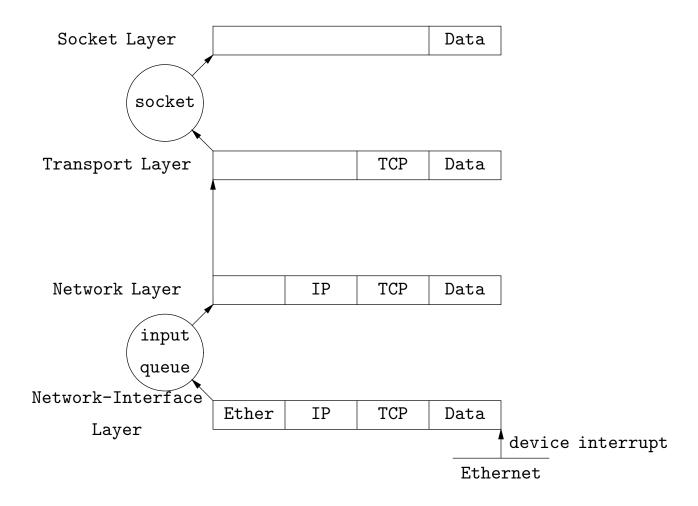
Ν

N-1

N-1

N

Unix-TCP/IP Implementation



Tunneling: Sending one protocol using another.

Send internet using ethernet (almost).

Tunneling Example

VPN client (CSULB) to server (CSUF)

