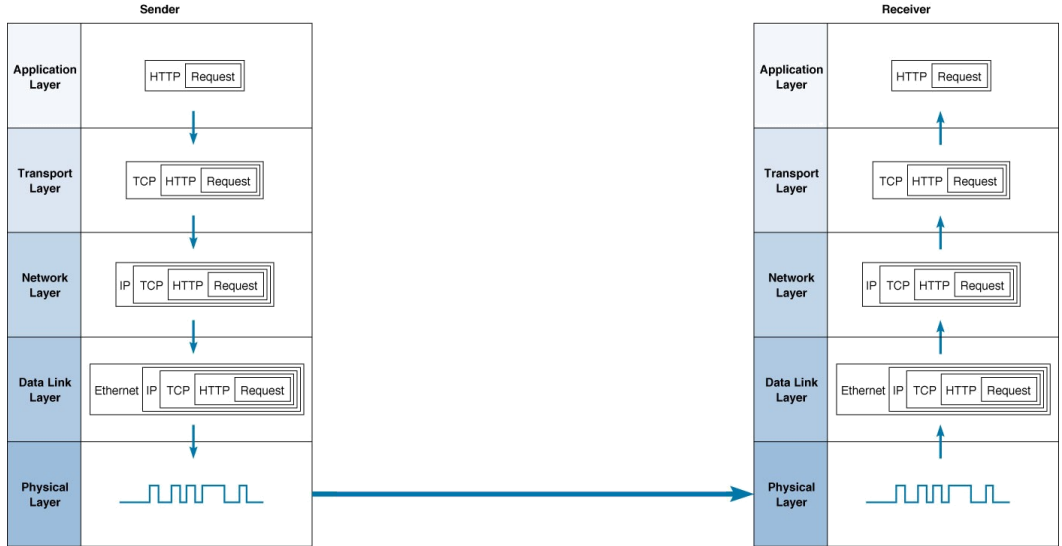# Computer Networks
Protocol Stack and Security

Irfan Kanat
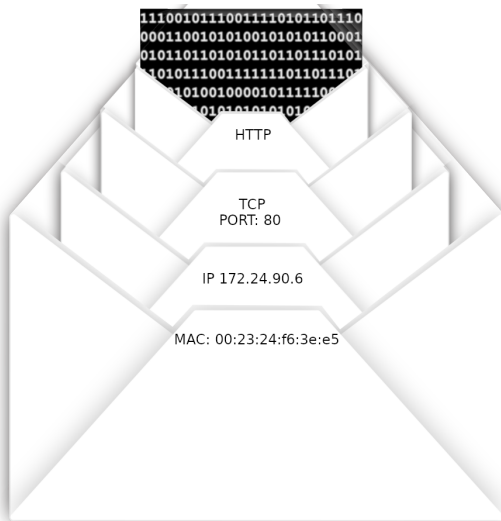
Department of Digitization
Copenhagen Business School

February 21, 2022

Envelopes within envelopes...

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HTTP

TCP
PORT: 80

IP 172.24.90.6

MAC: 00:23:24:f6:3e:e5

Least Functionality

Allow traffic that fits function

Firewall

HTTP server: Allow TCP and UDP on Ports 80 and 443.

SSH connection: Allow TCP port 22.

The machine is a client? Do not allow incoming TCP SYN requests.

The machine is a local server? Only allow traffic from local network.

Connection is wired? Deny traffic on wlan interface . . .

UFW Firewall

Spoofing