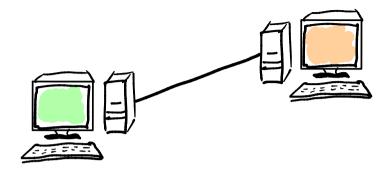
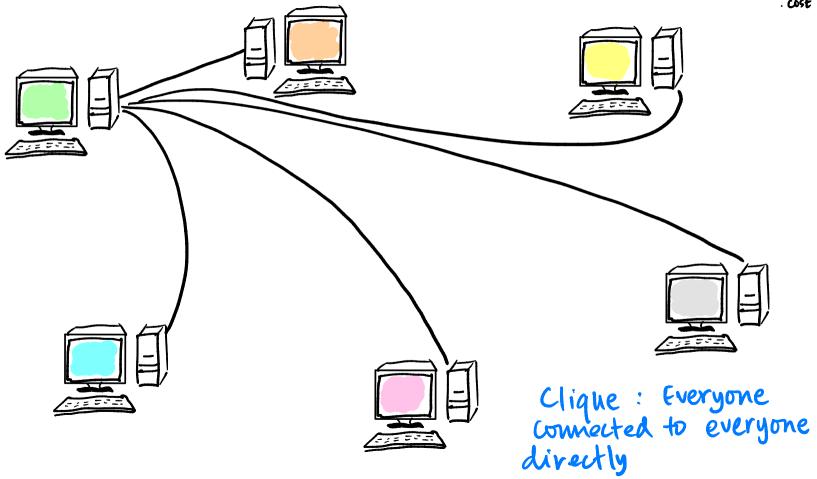


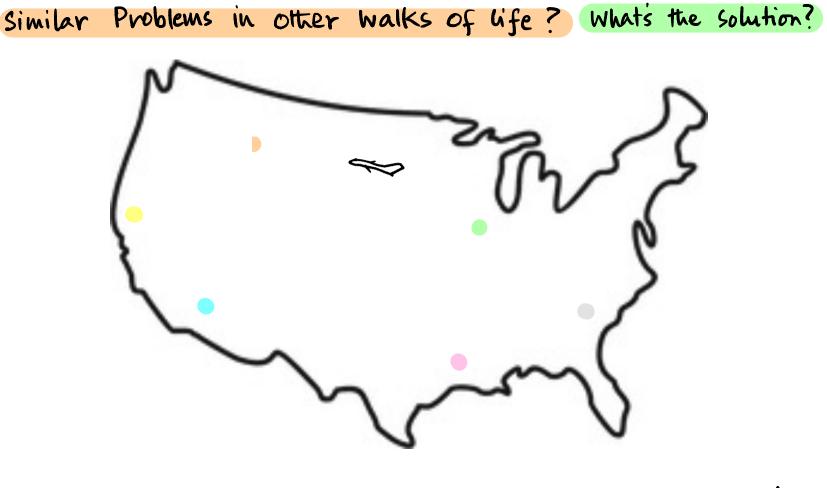
From computing to communication (connecting you and me)



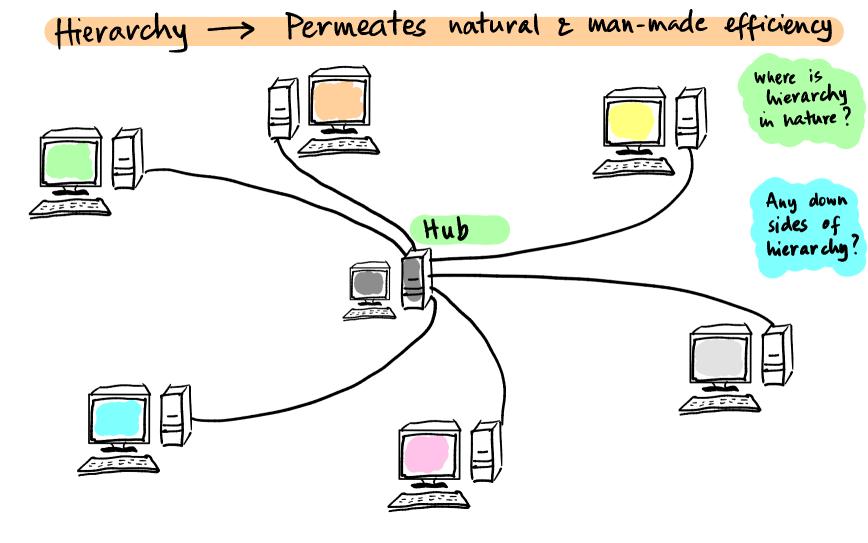
### But connecting everyone -> how many connections ?

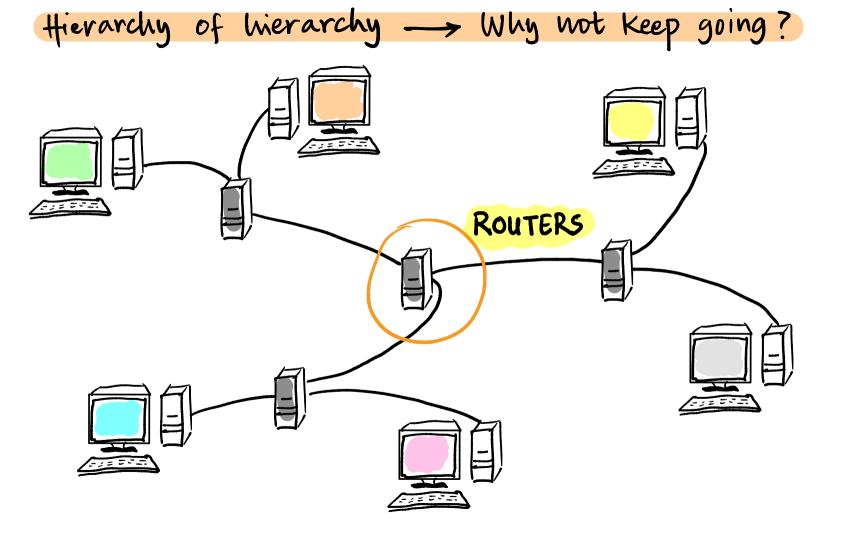


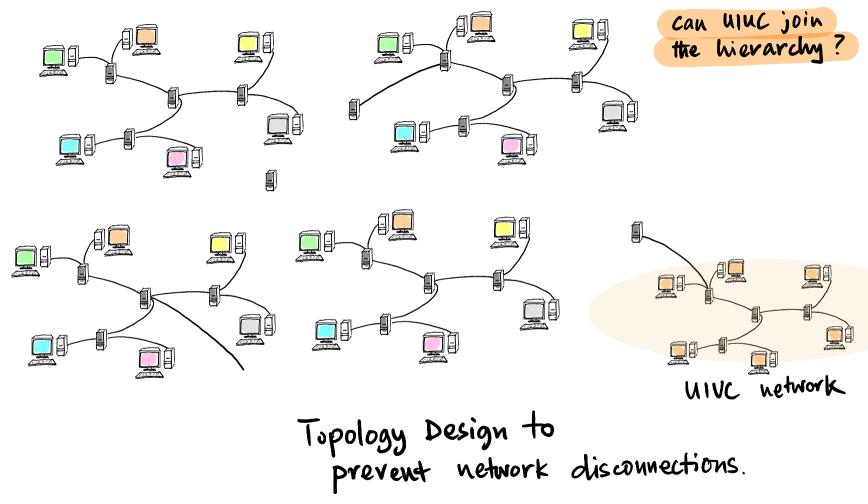




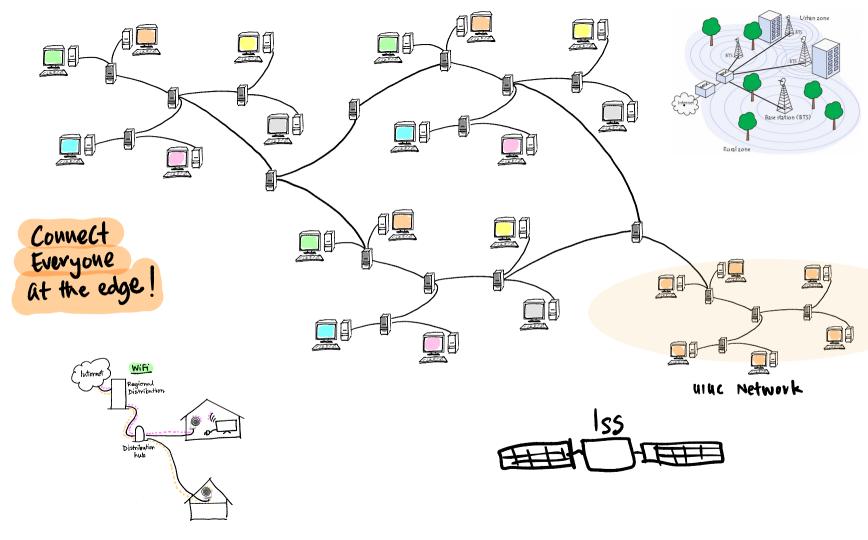




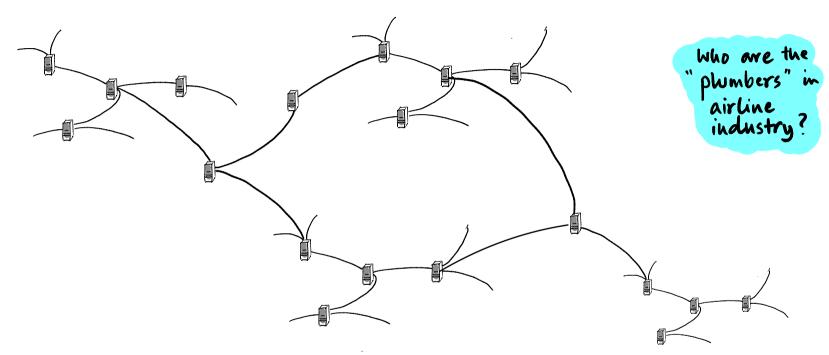






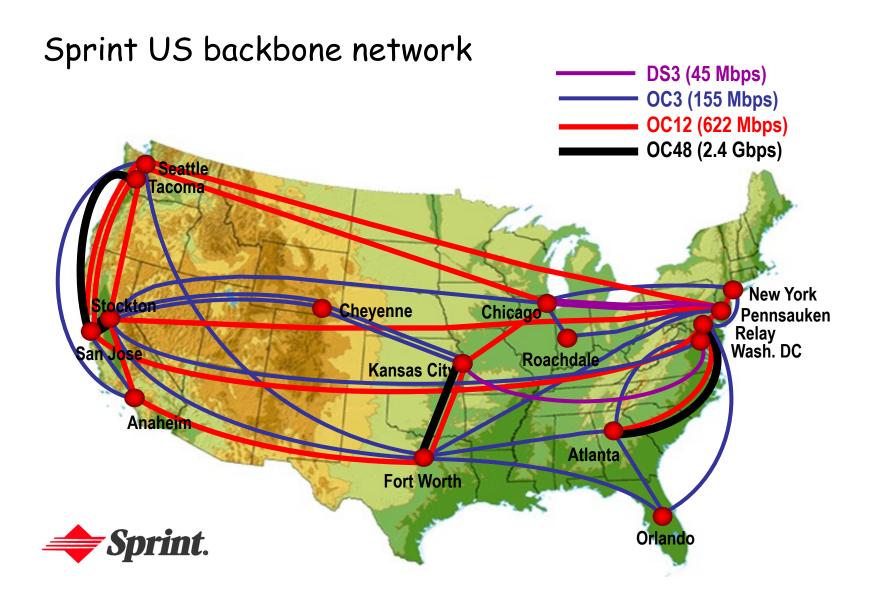


who is doing the "plumbing", maintaining, managing? ISPs Who owns vouters?

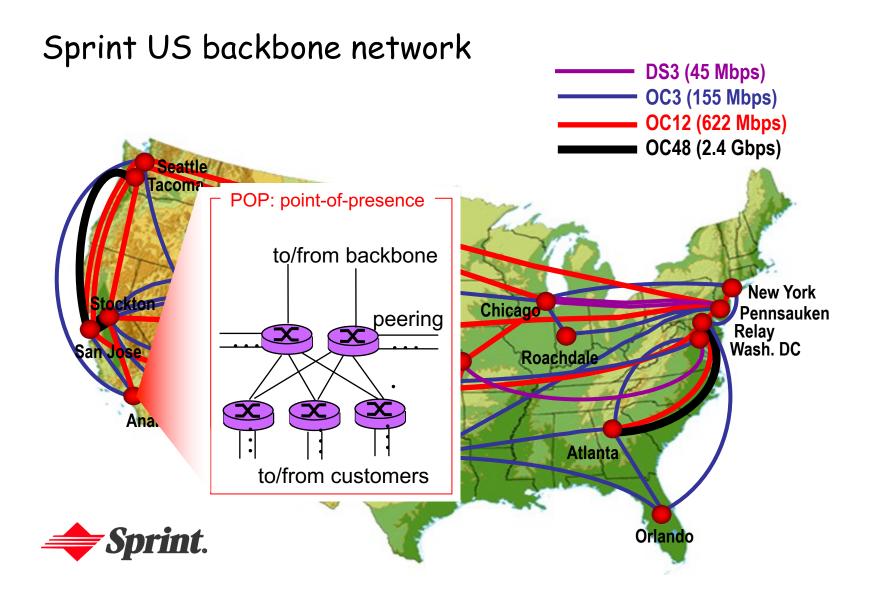


can 1 ISP cover the Whole world?

# Tier-1 ISP: e.g., Sprint



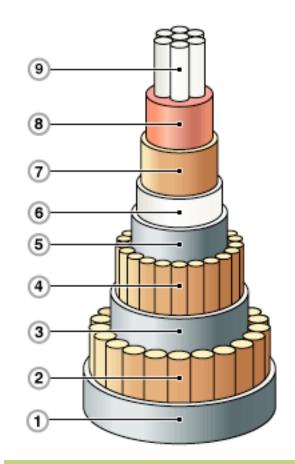
# Tier-1 ISP: e.g., Sprint



## Cables Laid Out in the Oceans

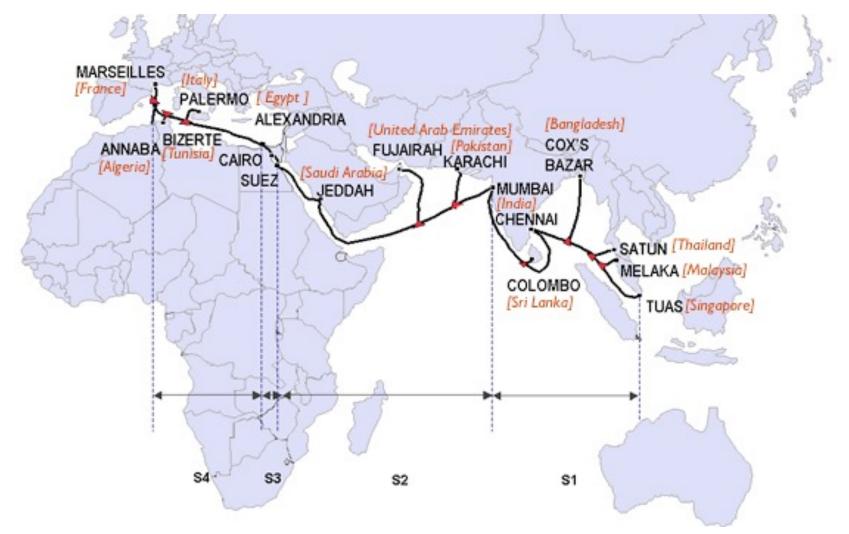


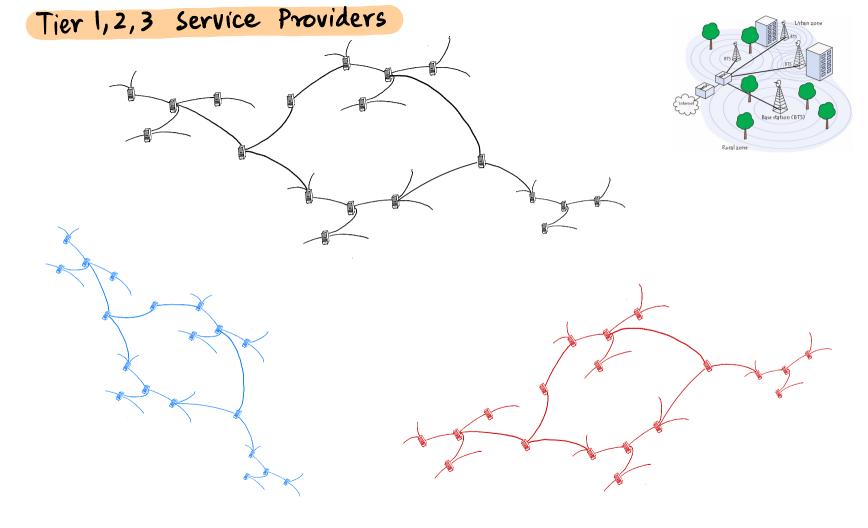




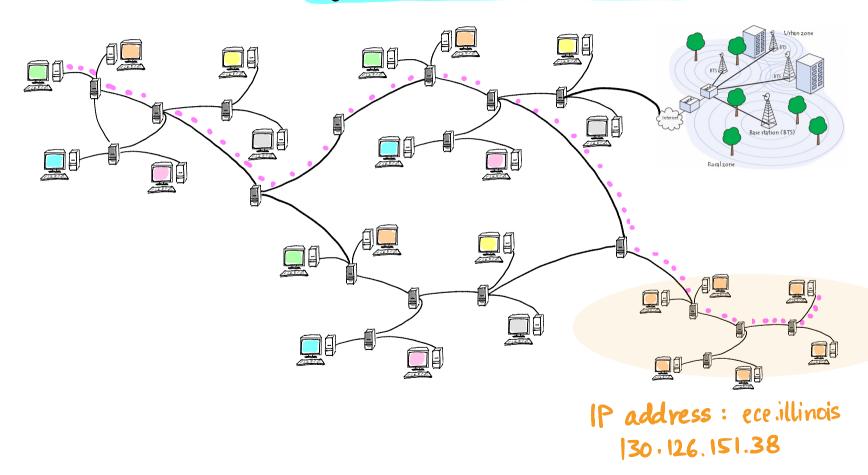
Optical Fiber cross-section

# Cable Connections carry 95% traffic (rest?)

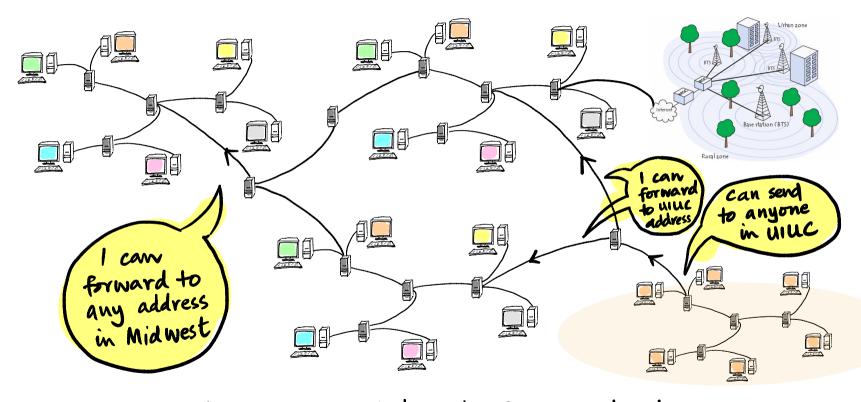




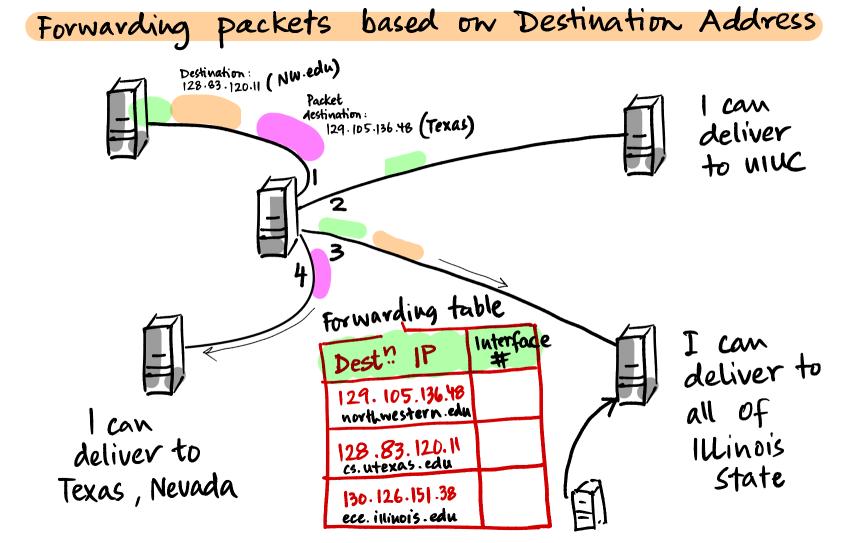
#### Infrastructure Ready !! Now communicate ... but wait ! To whom? which address?

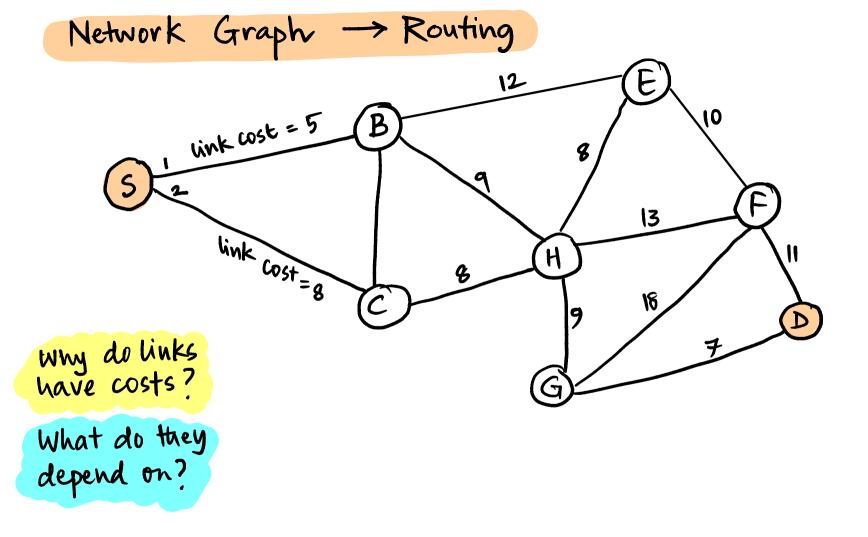


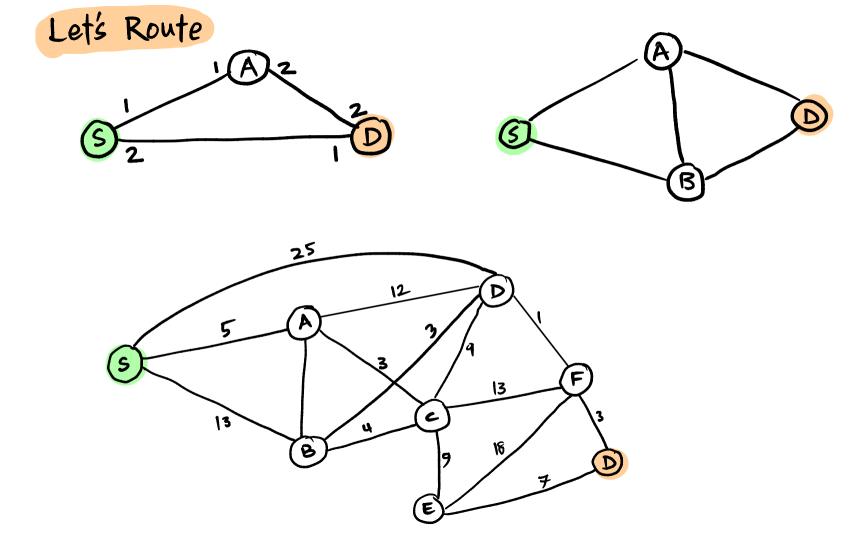
## Advertising: who can deliver to which address

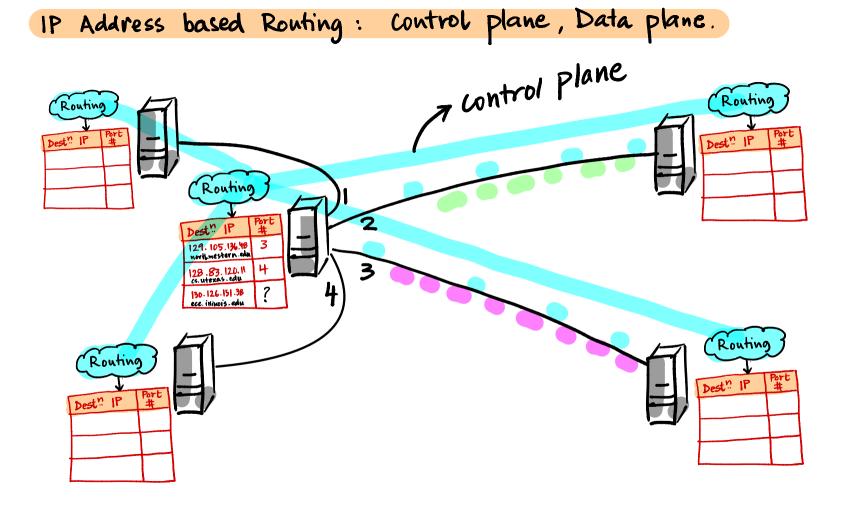


As if Ronters are gossiping to figure ont who can forward to whom.



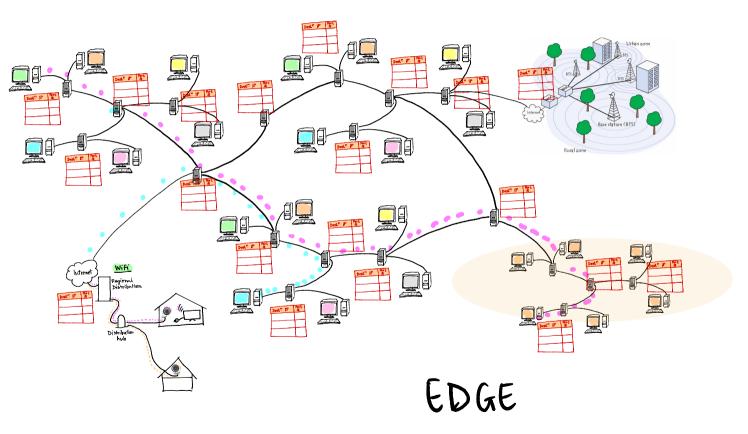








CORE



And YOU are here

Questions?





