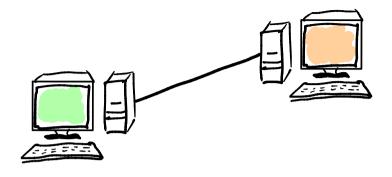
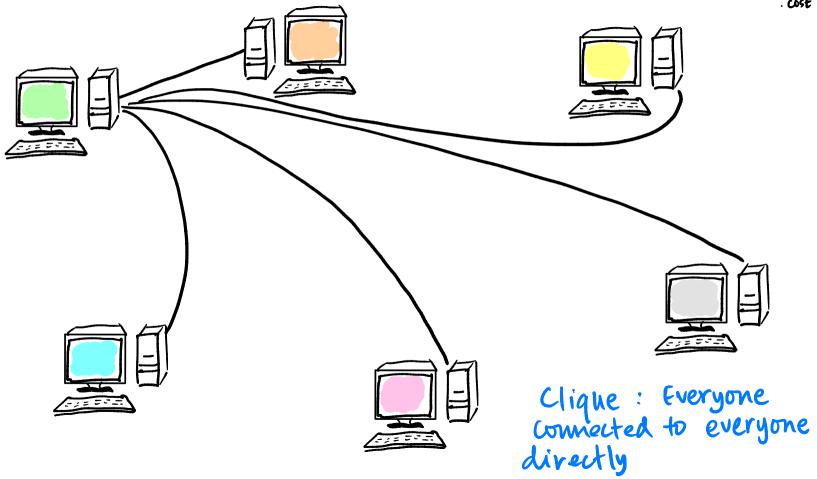


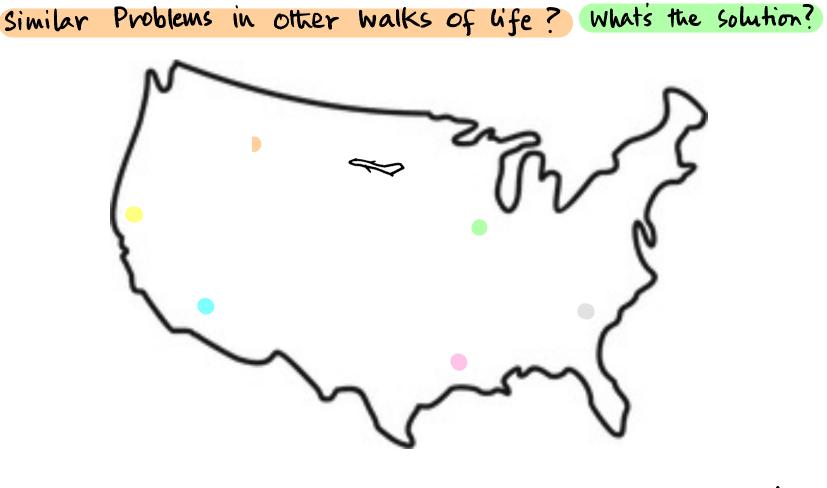
From computing to communication (connecting you and me)



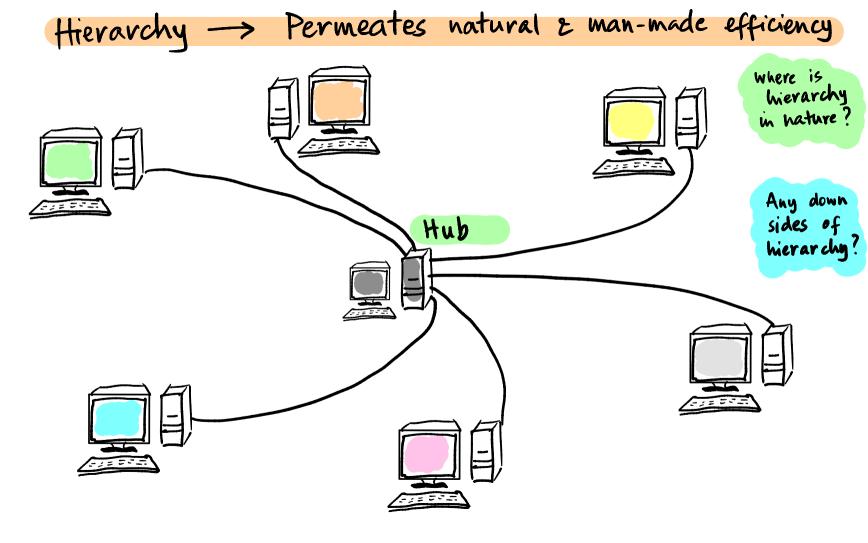
But connecting everyone -> how many connections ?

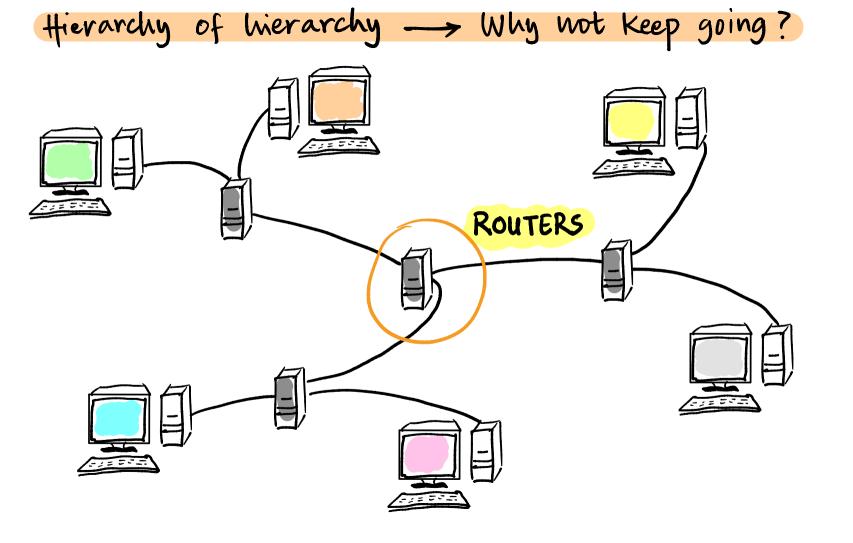


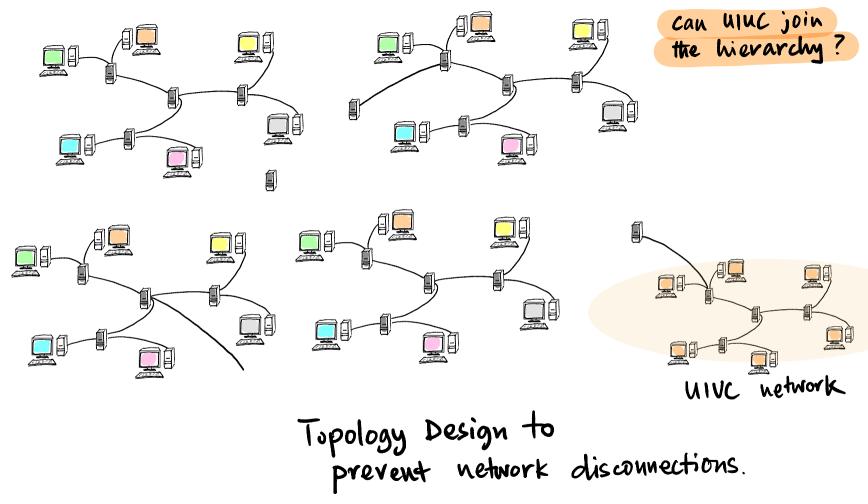




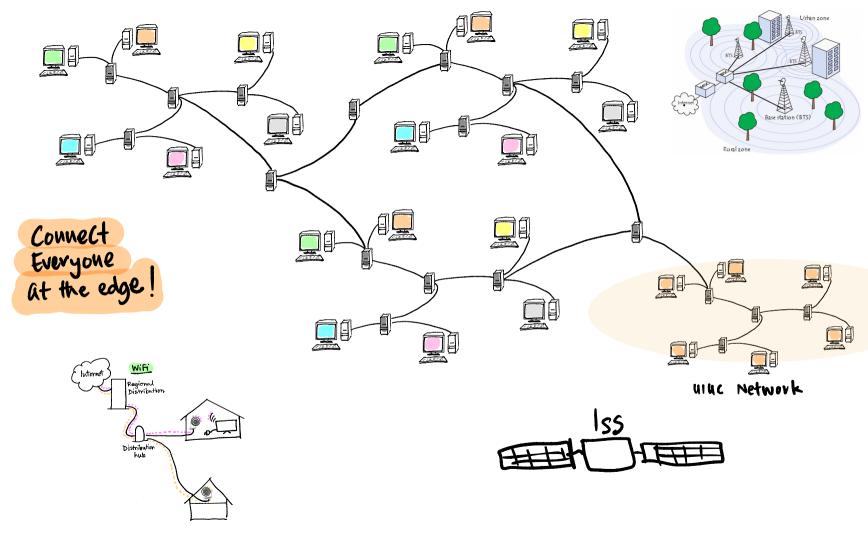




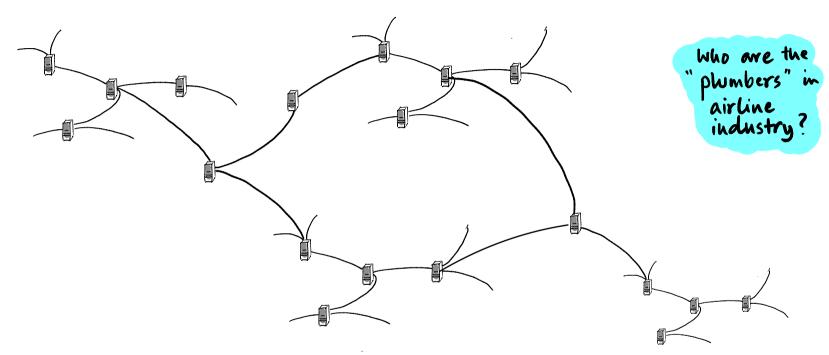






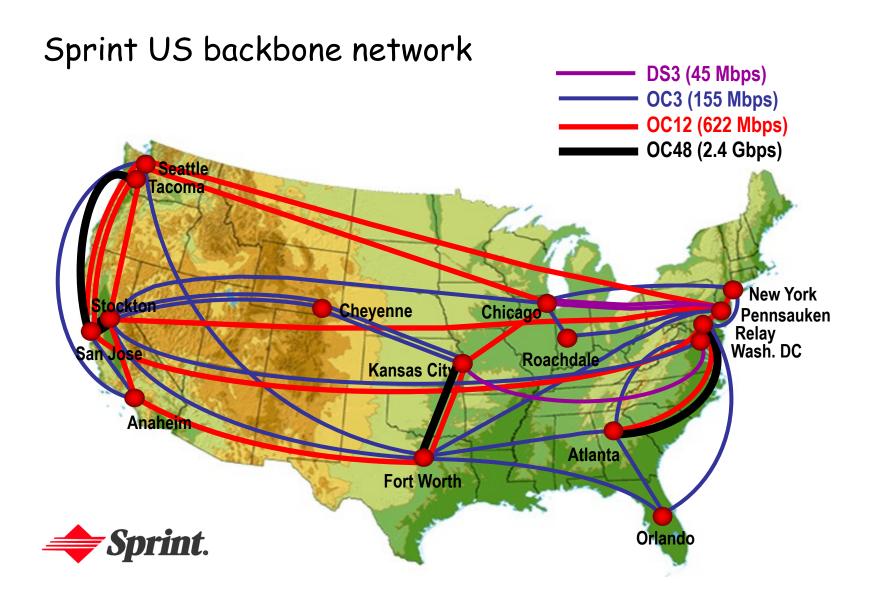


who is doing the "plumbing", maintaining, managing? ISPs Who owns vouters?

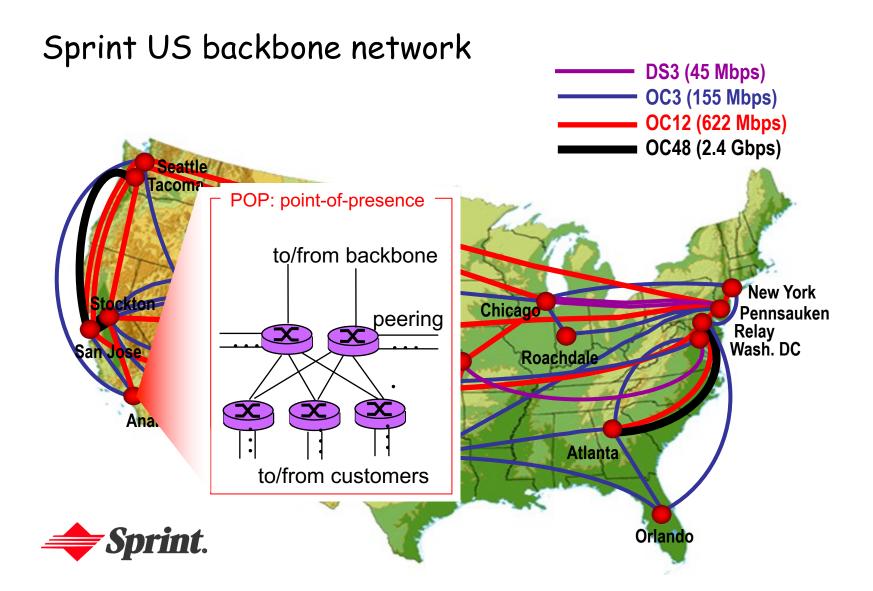


can 1 ISP cover the Whole world?

Tier-1 ISP: e.g., Sprint



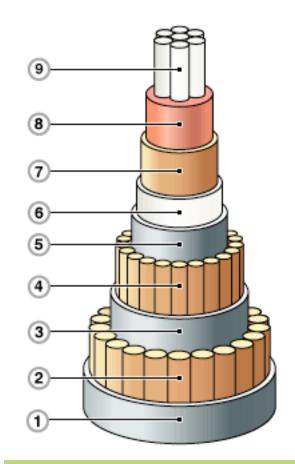
Tier-1 ISP: e.g., Sprint



Cables Laid Out in the Oceans

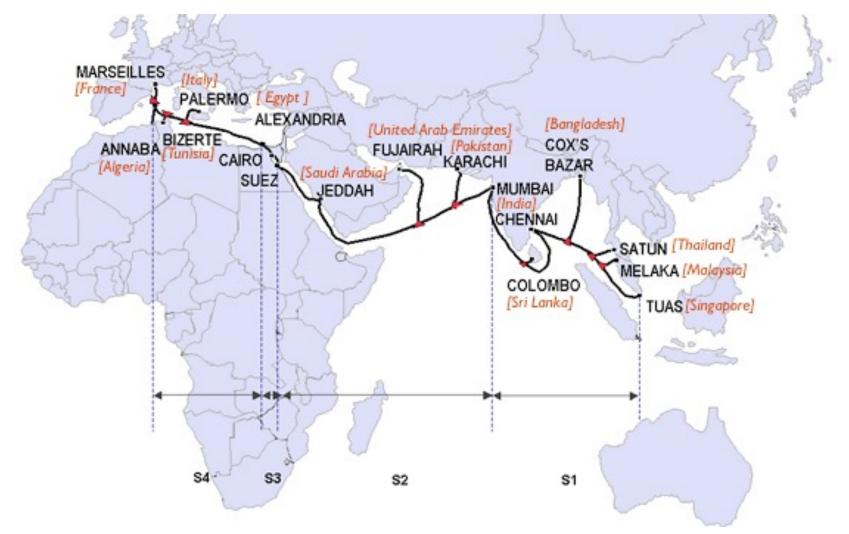


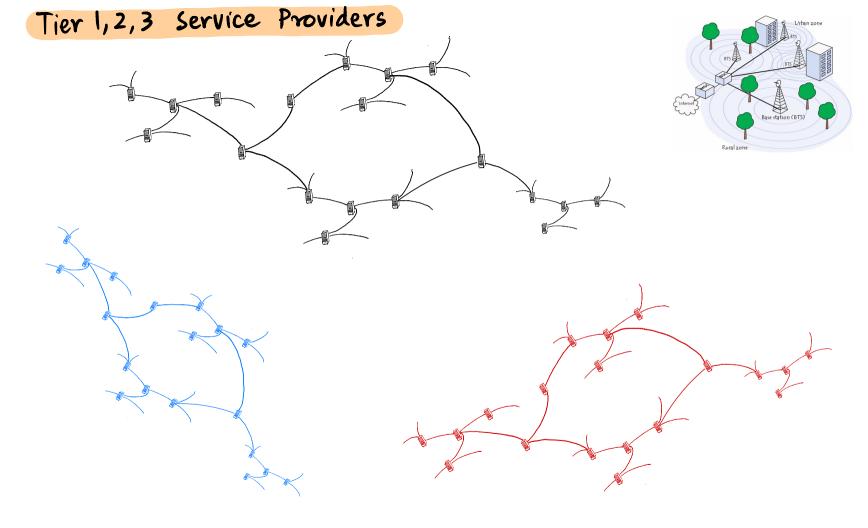




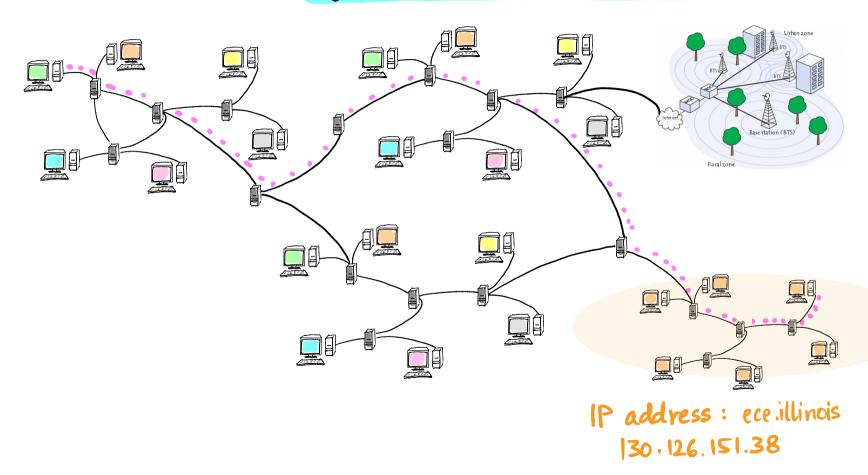
Optical Fiber cross-section

Cable Connections carry 95% traffic (rest?)

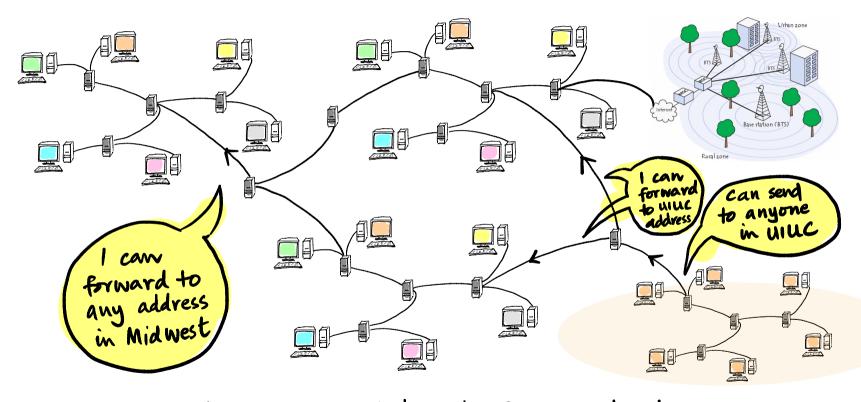




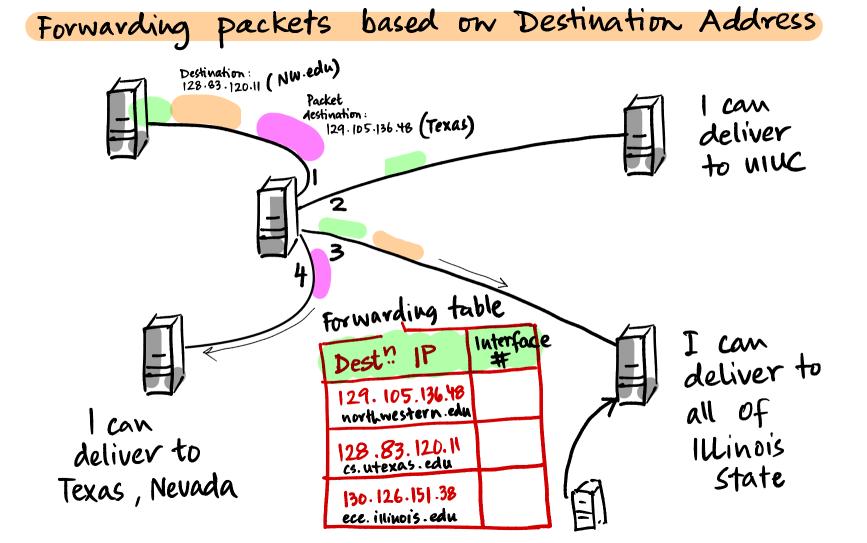
Infrastructure Ready !! Now communicate ... but wait ! To whom? which address?

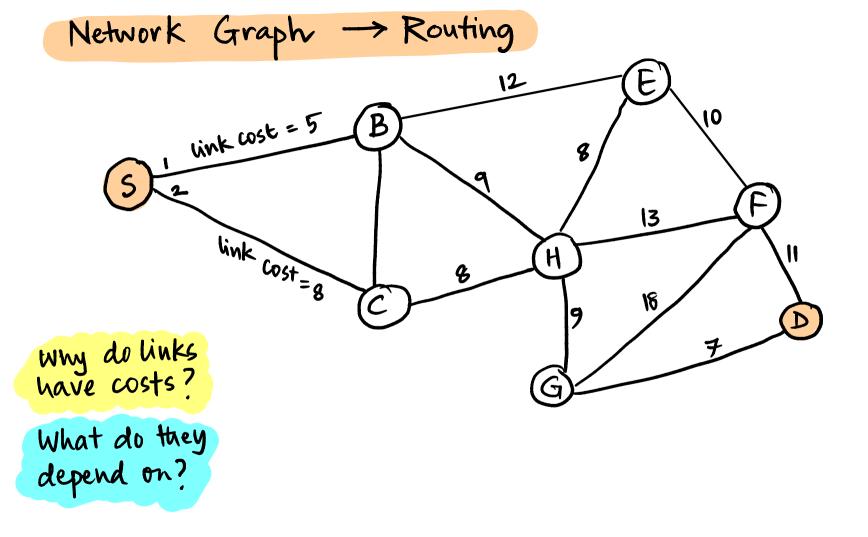


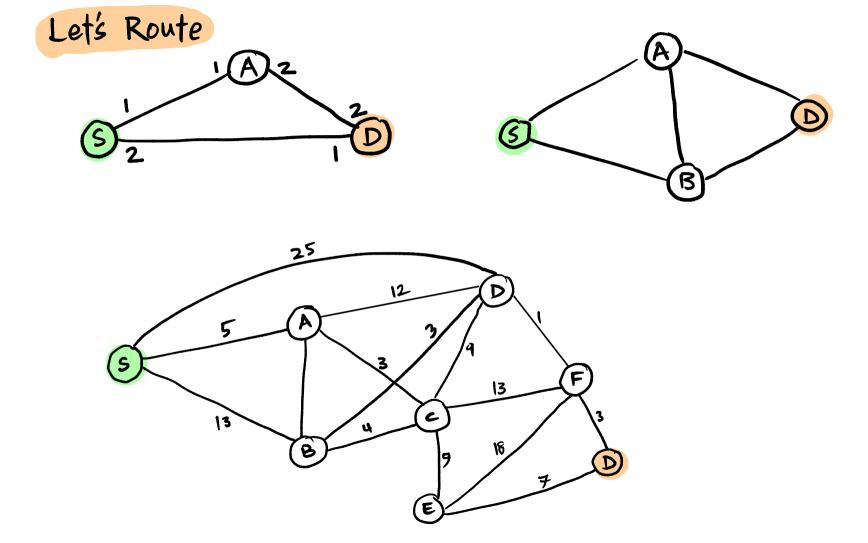
Advertising: who can deliver to which address

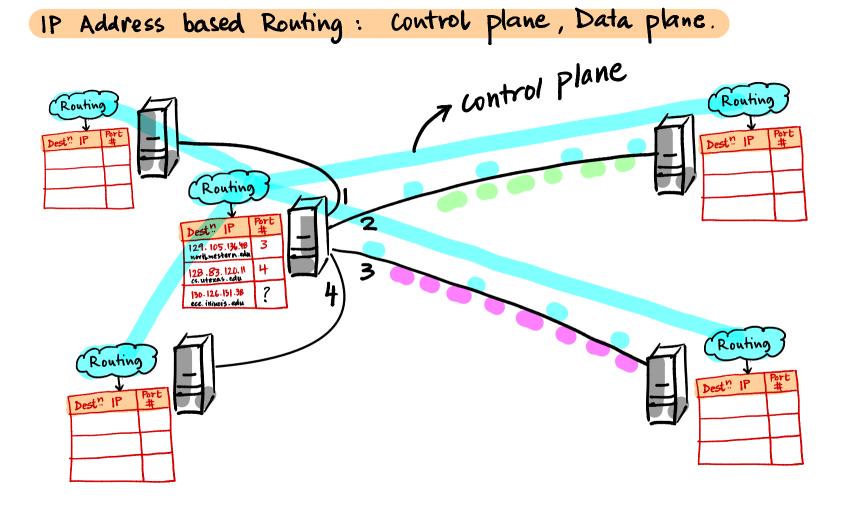


As if Ronters are gossiping to figure ont who can forward to whom.



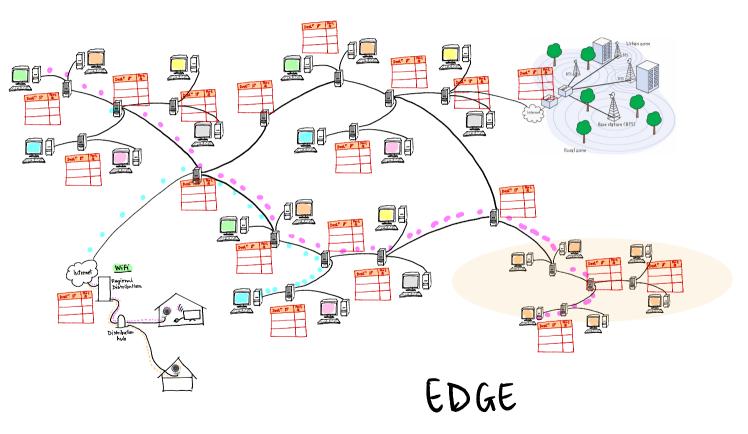








CORE



And YOU are here

Questions?





