2017-1-62-022

Md Fahimul Islam

Ann to the Qv no Part A

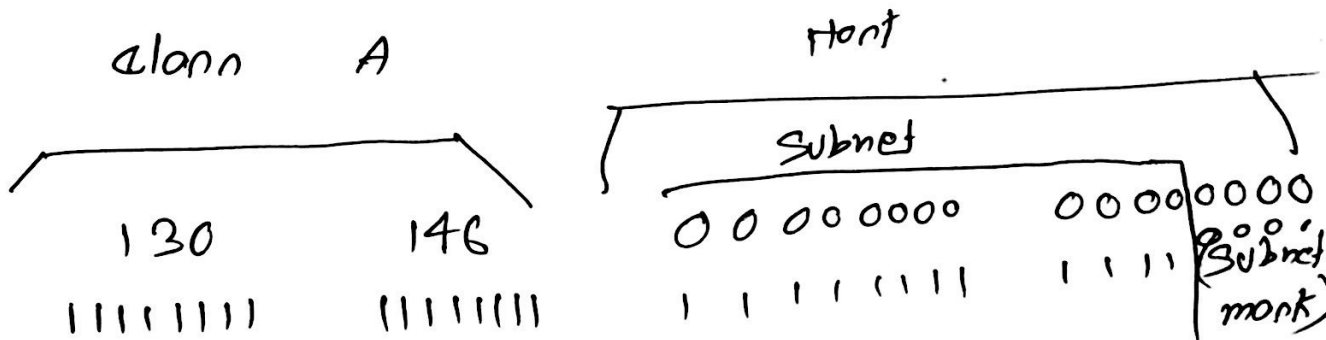1| When two computer connect together without the intervening hub, the cable will connecte the input to input and output to output. Cross over cable will flip the trommit and receive wire pairs from one end to next.

2| ARP packet are generated the link addr and mac addres. The addres. protocol (ARP) feature fer perform a require function in IP routing. finds the hardwore

address, Media Accern control Addrer. ob a hont knon IP addrer

3] TTL in until Lenn becovne DNS won 86400 Second which in 24 hounn TTL limito the lidre poan on lide time ob dota in a computer network. The TTL fieldn in set by the Senden ob a datagran and lee by cvers router on the route to itn dertination

4)

class A ⟍‾‾‾‾‾‾‾‾‾‾⟋   Host ⟍‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾‾⟋
                            Subnet ⟍‾‾‾‾‾‾‾‾‾‾⟋

130   146   0 0 0 0 0 0 0 0   0 0 0 0 0 0 0 0
||||||||| |||||||| | | | | | | | | | | | | Subnet mask

here network: ip: 130. 146. 0. 0

Subnet mask   255. 255. 255. 240

5)

	mask value	255	255	255	255
given subnet mask		255	224	0	0
		0	31	225	255

So wild card mask: 0. 31. 255. 255

port B 1

(a) IP 192.168.20.120   Maa: 46:FC:2D:10:
                                  36:C0

(b) IP 120.136.36.127   Mac FC:26:12:10:DO:FO

192.168.10.0

192.168.15.0

R₃

192.168.30.0

192.168.25.0

192.168.35.0   R₄

192.168.20.0

199.168. Rₙ
40.0

R₁
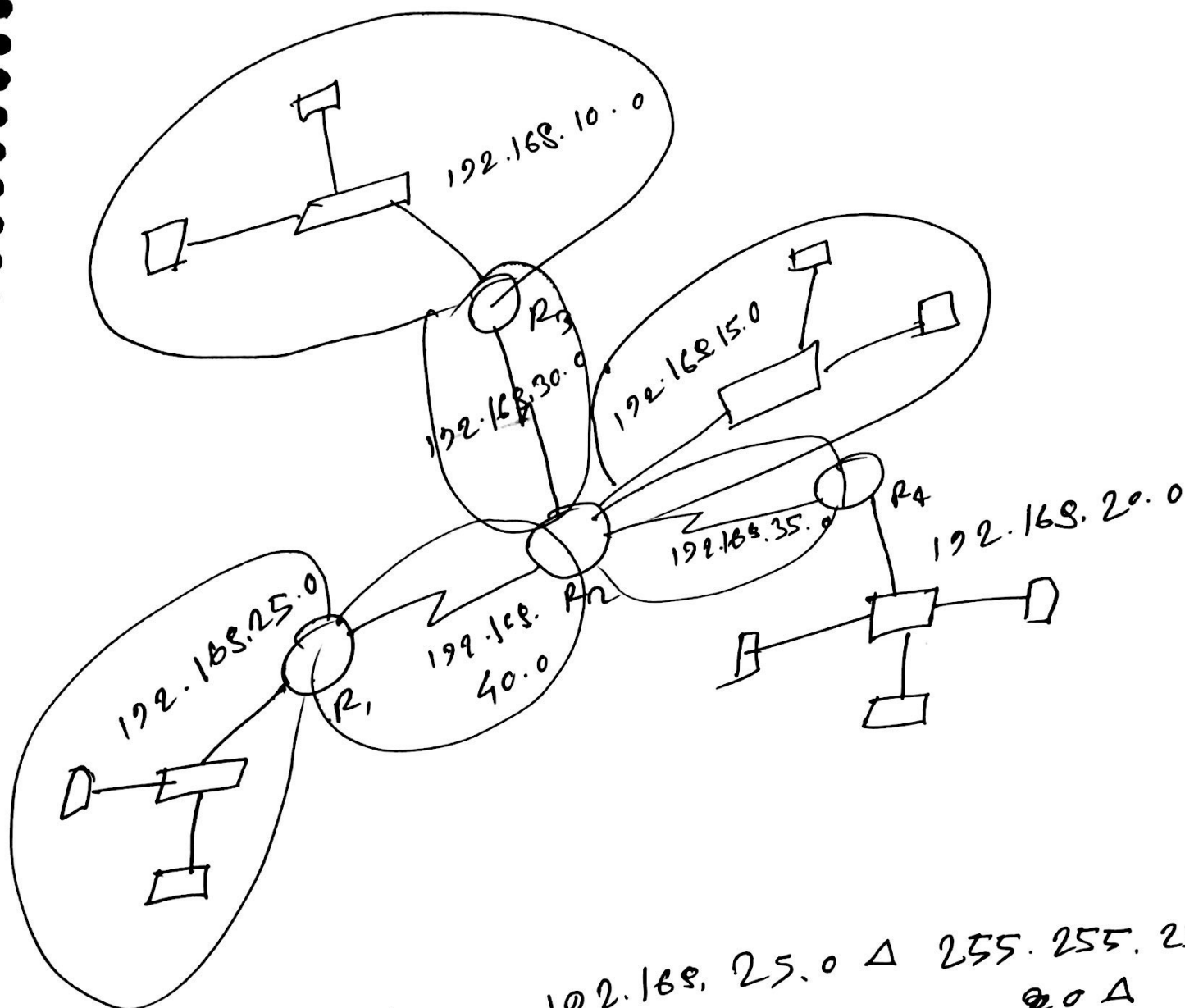
① ip route   192.168. 25.0 Δ 255.255.255.
                                    20 Δ

192.168.40.0

② router   ospf 2
   network   192.168. 4..0   0.0.0.255
                                    area 1

Network 192.168.35.0   0.0.0.255   opea 1
Network 192.168.30.0   0.0.0.255   opea 1