

EX NO: 116

DATE 08.10.24

RIP

Aim:

→ To simulate RIP using Cisco Packet Tracer

Procedure

- 1) Create network using 3 PCs & 4 routers
- 2) Assign IP address to each PC & router
- 3) Click on routers

Config → RIP → Enter network → Add

4) Now to ~~do~~ same for Router 2, 1 & 4

Router 2 → Config → RIP

→ 20.0.0.0 - add

172.1.0.0 - add

200.1.1.0 - add

Similarly add for other routers

5. Now to display the routing table
Click on router (say router 1)

→ then on CLI & type the command

#exit

#exit

#show ip route

OUTPUT

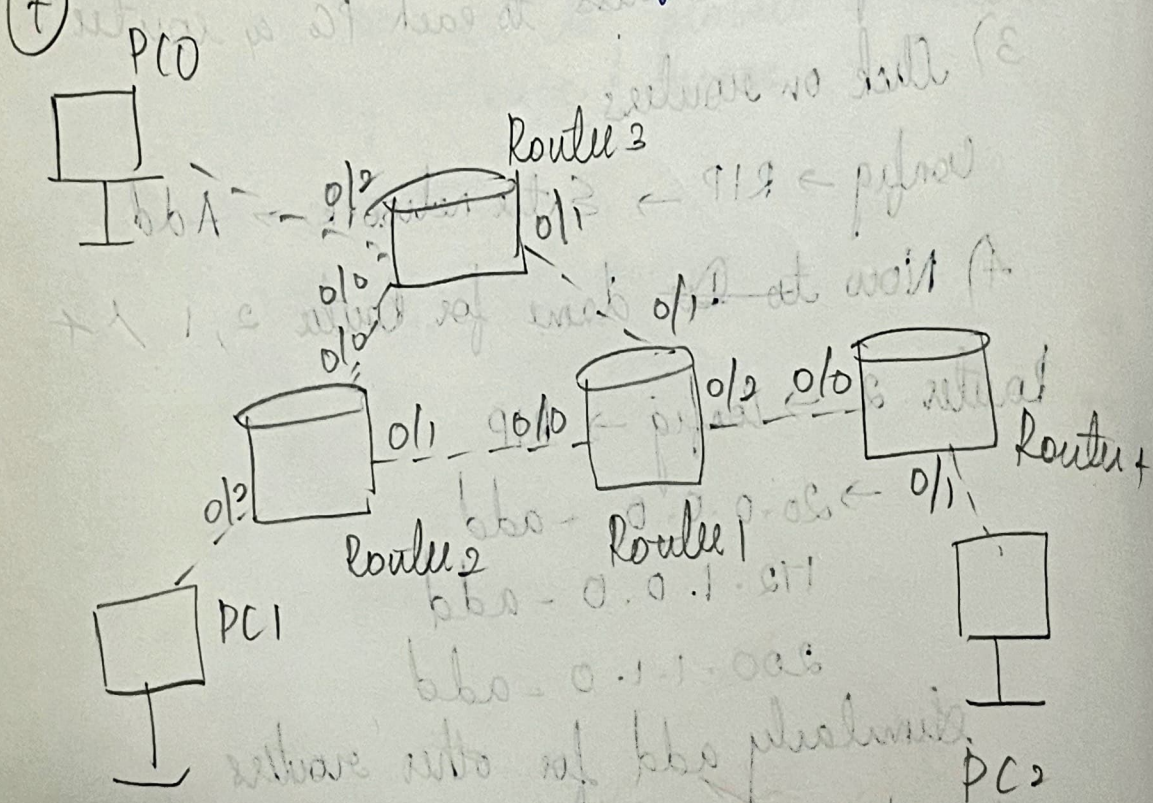
R. 10.0.0.0/8 via 192.168.1.1 gig 0/0

R. 20.0.0.0/8 via 192.168.1.1 gig 0/0

R. 172.1.0.0/16 is variable connected 2
sub subnet 2 mask

C. 172.1.0.0/16 is directly connected gig 0/1

④ - 172.1.1.2/32 is directly connected gig 0/1



RESULT

Thus RIP is simulated using ascopack
tracer successfully