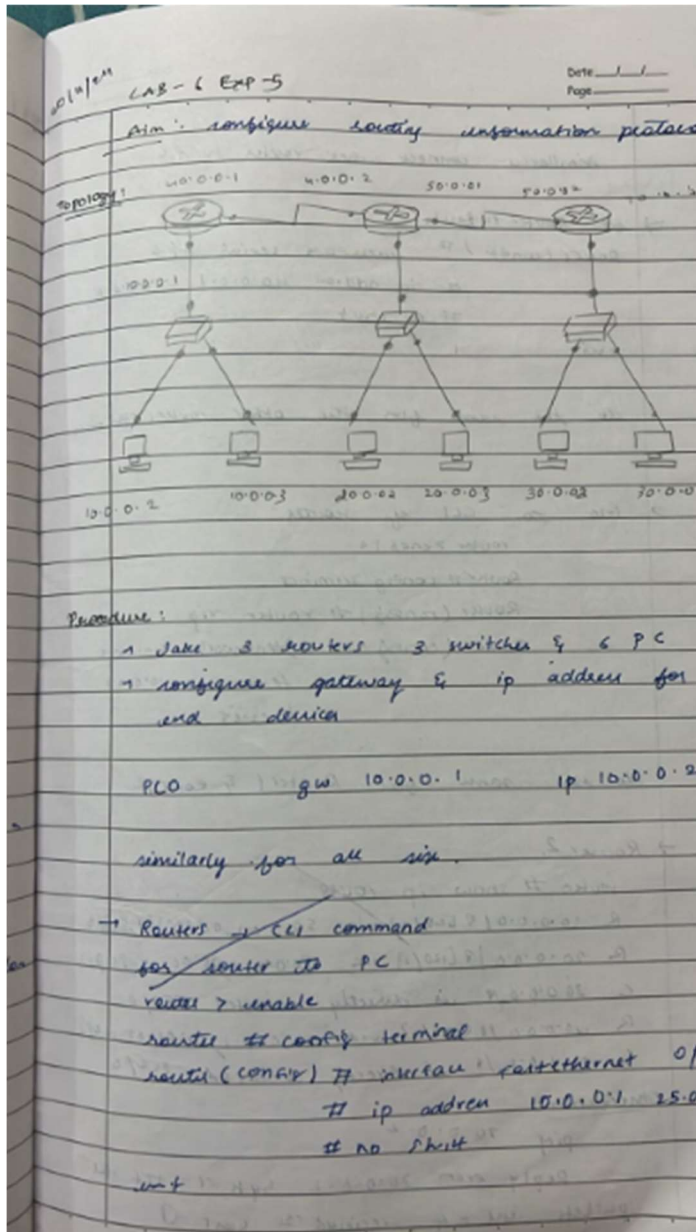


LAB - 6

EXP-5



Date: / /
Page:

similarly connect other router to PC

→ for Router to Router -
 Router (config) # interface serial 2/0
 # ip address 40.0.0.1 255.0.0.0
 # no shut
 exit

do the same for the other router as well

→ Go to CLI of Router -
 Router > enable
 Router # config-terminal
 Router (config) # router rip
 Router (config-router) # network 40.0.0.0
 # network 10.0.0.0
 # exit

do the same for Router 1 & Router 2

→ Router 2
 Router # show ip route
 R 10.0.0.0/8 [90/0] via 50.0.0.1, 00:00:09, S02/0
 R 20.0.0.0/8 [90/0] via 50.0.0.1, 00:00:09, S02/0
 C 30.0.0.0/8 is directly connected FE0/0
 R 40.0.0.0/8 [90/0] via 50.0.0.1, 00:00:09, S02/0
 C 50.0.0.0/8 is directly connected S02/0

Observation:
 ping 70.0.0.2
 Reply from 70.0.0.2: bytes=32 ttl=64
 packet sent = 4, received = 4

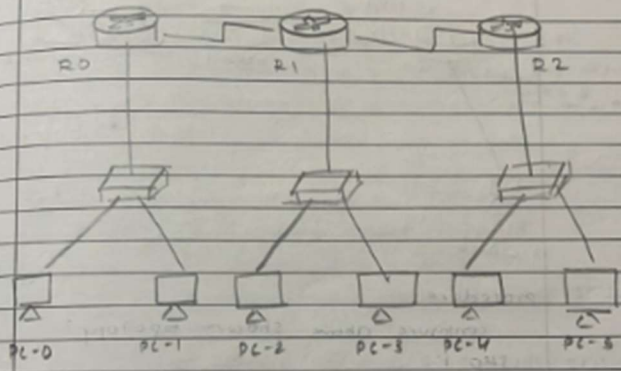
EXP 7

Exp-6

Aim: 1

Demonstrate the TTL or life of a packet

Topology:



Procedure:

- configure as shown above
- In simulation layout, we select simple PDU

Ans
20/11/24

- Select a PE source PC & destination PC

Observation:

- when the packet arrived at Router 0, TTL = 255
- when packet arrives at Router 1, TTL = 254
- when the packet arrives at R2, TTL = 253
- So from each router, TTL reduces by 1.

