

LAB 10

Demonstrate the TTL/ Life of a Packet.

OBSERVATION:

LAB - 08E3

Aim - Demonstrate the TTL / Life of a packet.

Topology -

```
graph LR; PC0[PC-PT PC0] -.- R1((R1-PT R1-0/0)); R1 --- R2((R2-PT R2-0/0)); R2 --- R3((R3-PT R3-0/0)); R3 -.- PC1[PC-PT PC1]
```

Procedure

- Create a topology as shown above and configure the PCs and routers as shown above. Static routing is done here.
- Go to simulation mode.
- Send simple PDU from PC0 to PC1.
- Click on capture / forward button to run it from one node to other.
- View the inbound and outbound PDU details and on in each step by clicking on PDU.

Observation

- The TTL is reduced by one when the packet crosses every router.
- If TTL becomes 0, packet will be dropped.





