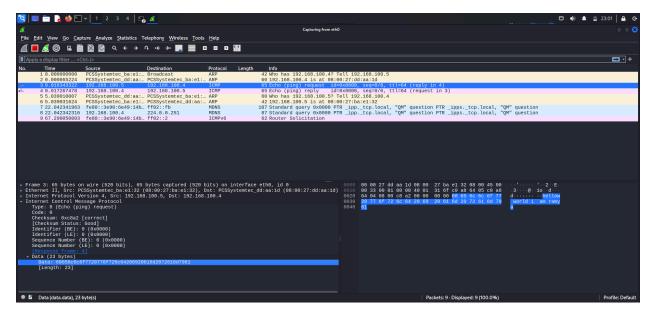
## BakkaRamyasree

## Create Traceroute using ICMP

SteP1:trying with one packet

- Start scapy
- Given a code which traceroute using ICMP with src addr 192.168.100.5
- And dst addr: 192.168.100.4 including a raw msg "hello world i am ramya"
- After running that i can see the packets are sent from wireshark



## • step2:entered the code given

- Before running the code we need to check the firewall setting in ubuntu to me disable
- After executing the code i got an output saying that

\_

- 25. Unexpected reply type 0 from 192.168.100.4
- Full reply: IP / ICMP 192.168.100.4 > 192.168.100.5 echo-reply 0 / Padding

- Output is telling reply type 0 that means Type 0 (Echo Reply): This is the reply to an ICMP Echo Request (ping). It means that the target is reachable.
- Some common ICMP types
- Type 3 (Destination Unreachable): Indicates that the destination is unreachable. This can have various codes indicating the reason (e.g., network unreachable, host unreachable).
- Type 11 (Time Exceeded): This type is used when a packet's TTL (Time To Live) has expired, which usually happens in the context of traceroute. It indicates that a router has dropped the packet because it couldn't be delivered in time.
- Type 8 (Echo Request): This is the request type used in ping operations.

