COMPUTER NETWORKS

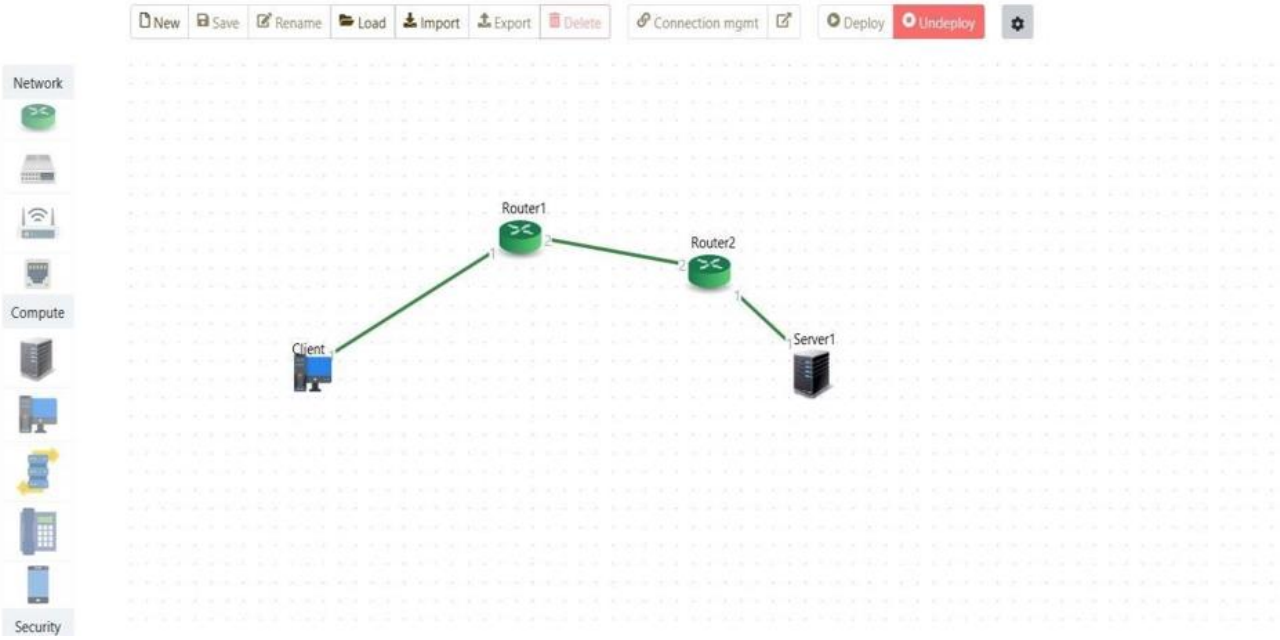
WEEK 8

PES1UG19CS545

TUSHAR Y S – I1

Claynet – IPv4 Static Addressing and routing

The following topology is created and deployed in claynet.



Configurations of End systems :

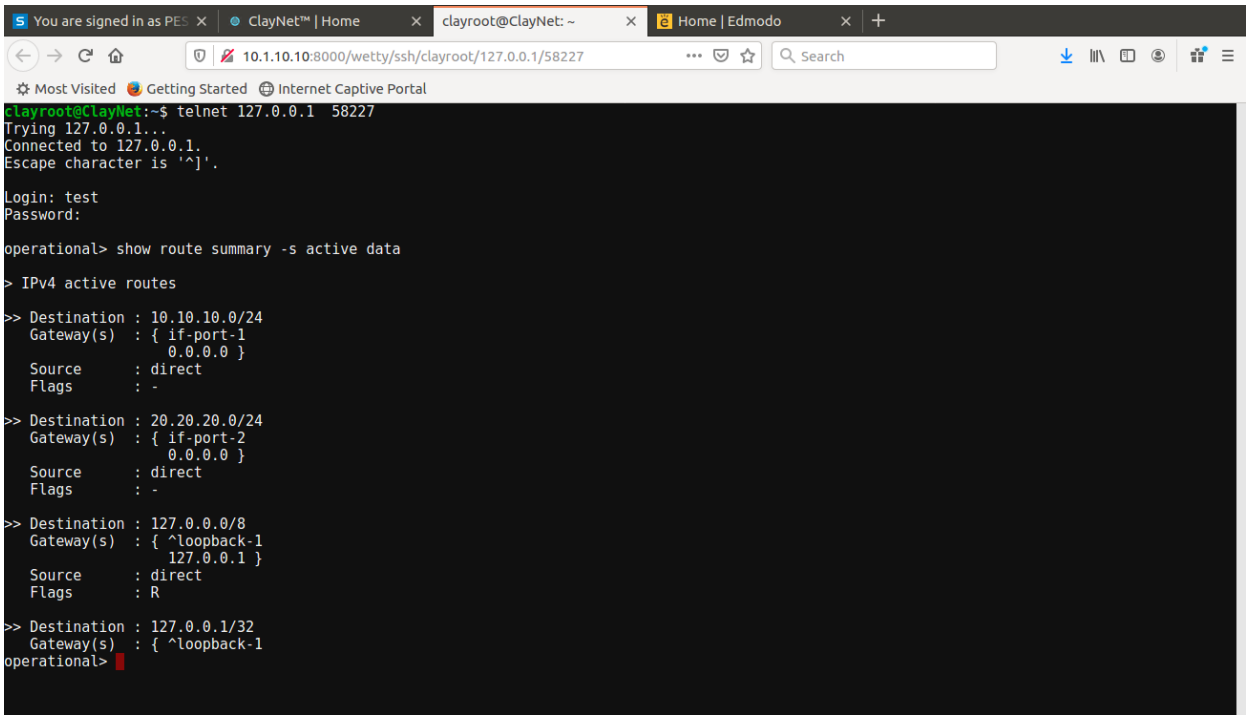
End System	IP Address	Gateway
Client	10.10.10.2/24	10.10.10.1
Server	30.30.30.2/24	30.30.30.1

Routers Configuration:

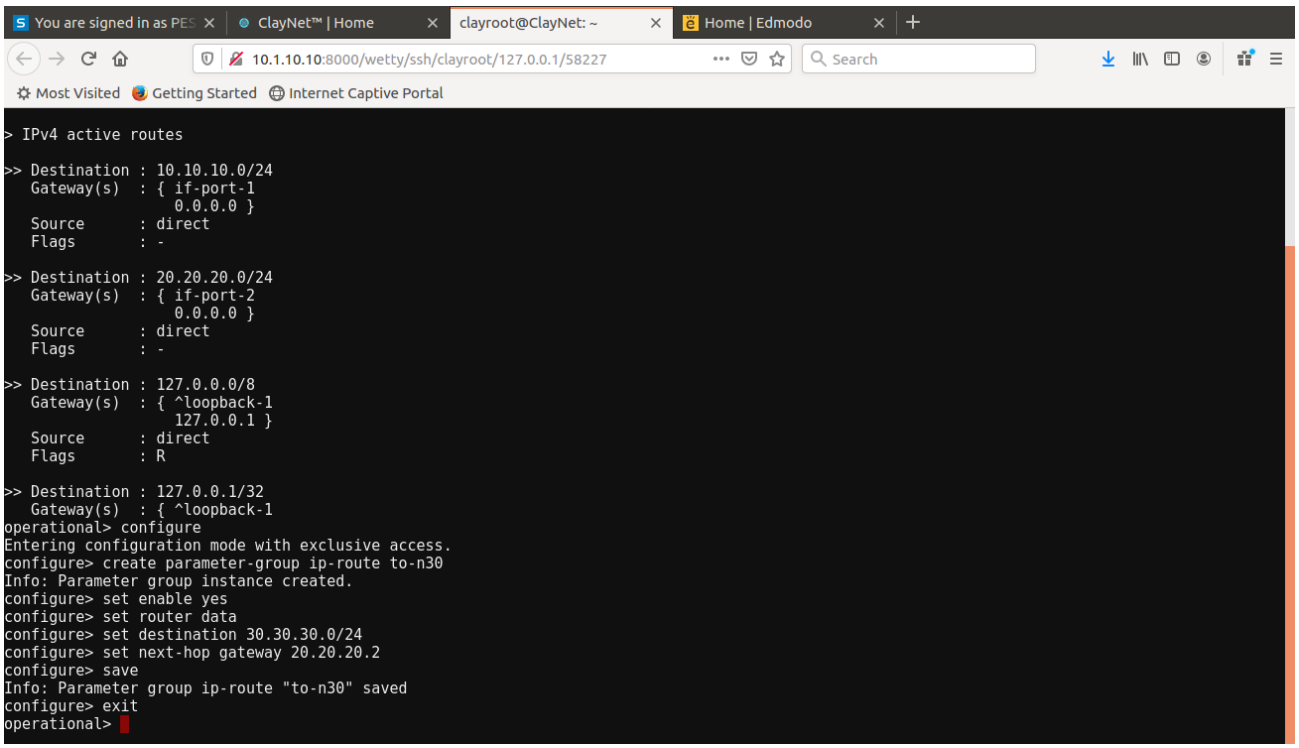
Router	Interface Number(port)	IP Address
Router1	1	10.10.10.1/24
Router1	2	20.20.20.1/24
Router2	1	30.30.30.1/24
Router2	2	20.20.20.2/24

Configuring Routing Table entries

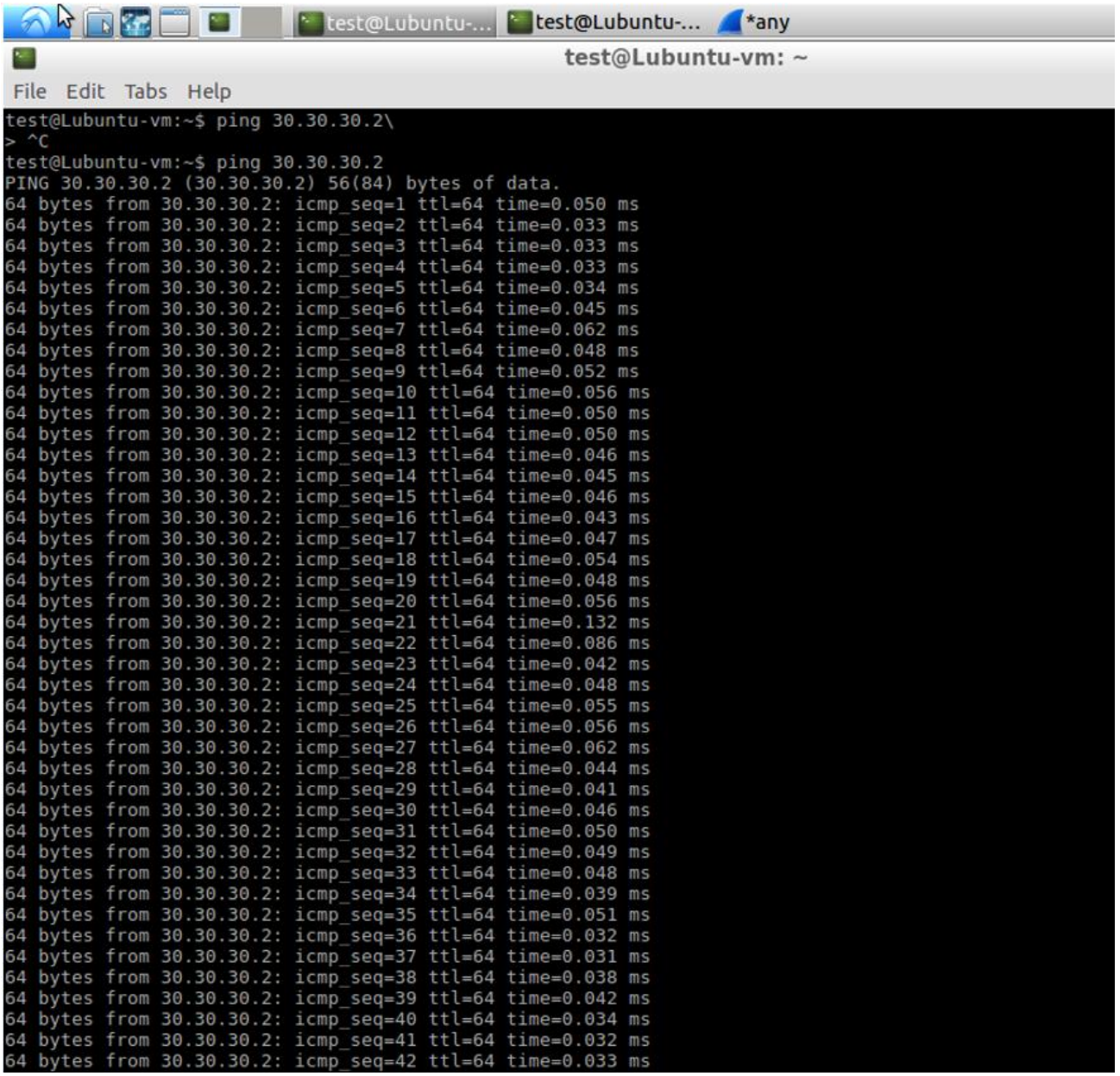
Router 1:



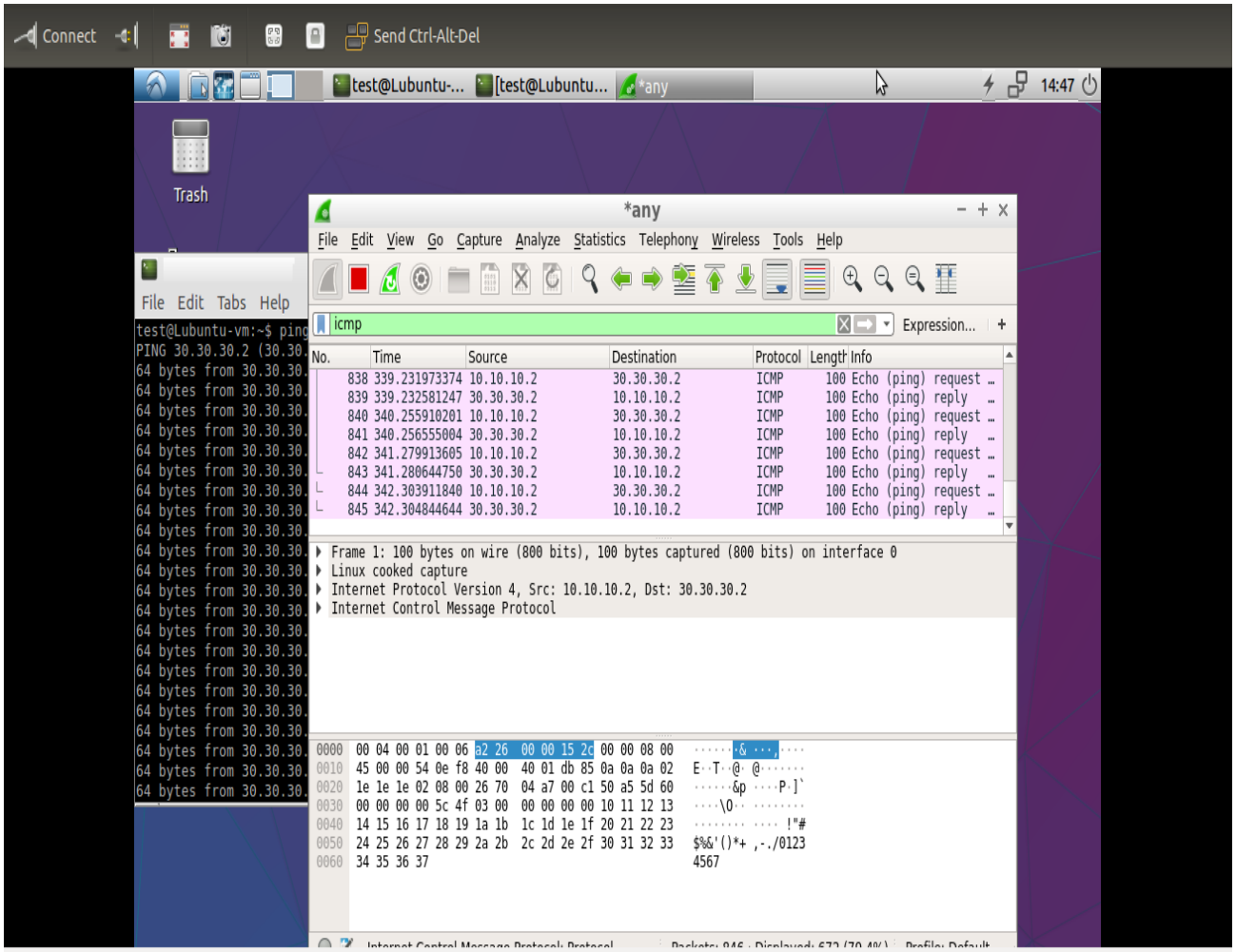
Router 2:



Client and server are now reachable. We can verify that by using the ping command.



Wireshark packet capture:



Using tracepath command: