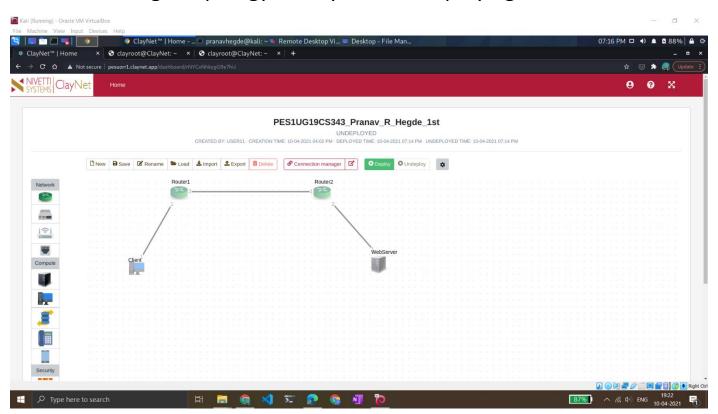
Computer networks laboratory week 8

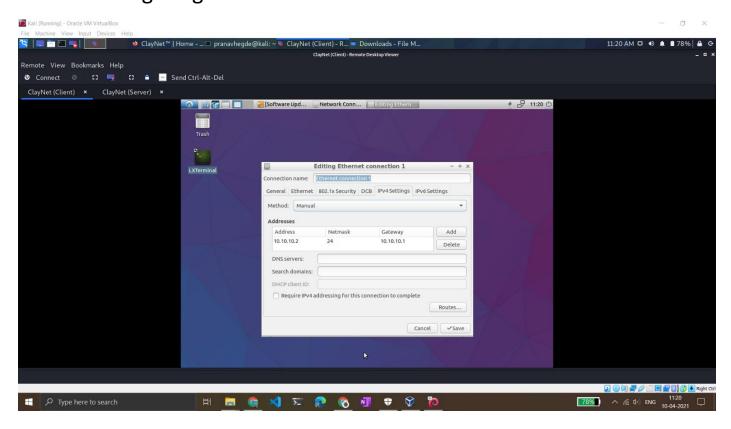
Name: Pranav R. Hegde SRN: PES1UG19CS343 Section: F1

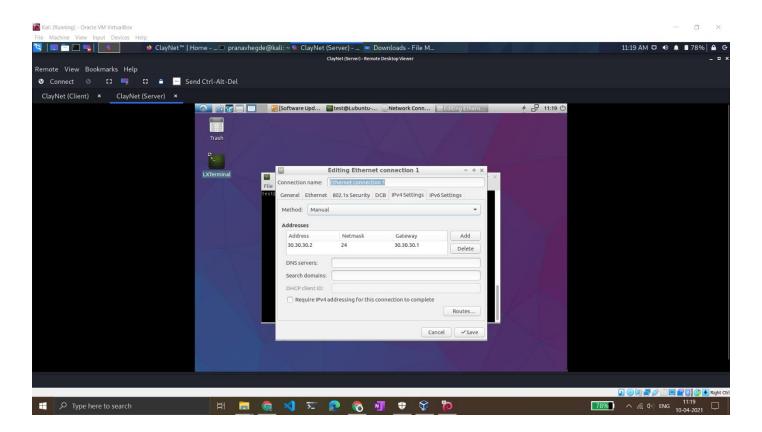
Mandatory: Topology 1

Task 1: Building a topology in Claynet and deploying it.

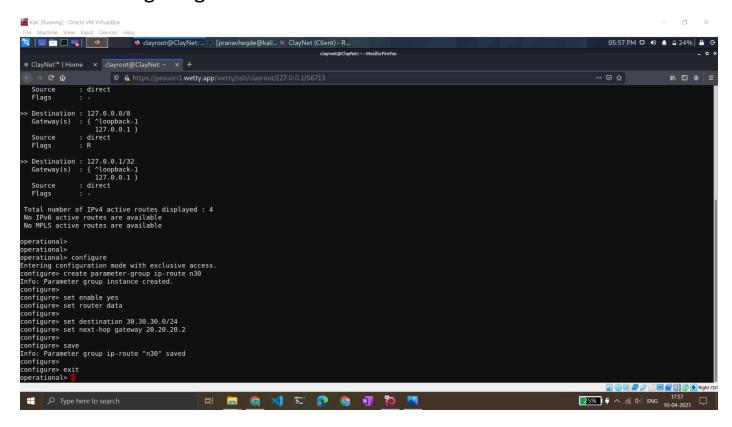


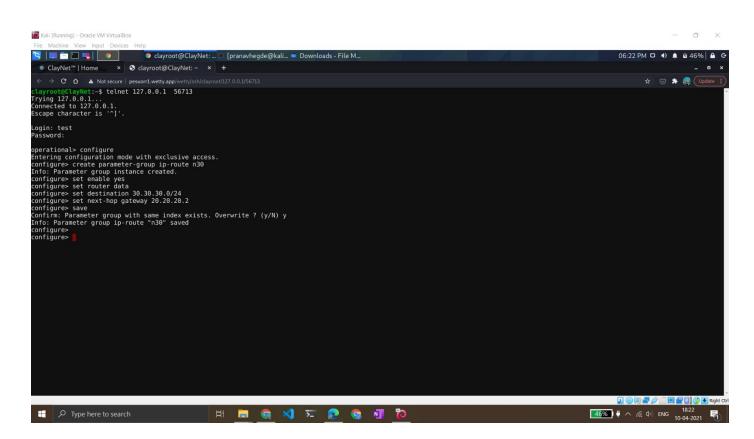
Task 2: Configuring the Client PC and Webserver PC





Task 3: Configuring the router1 and router2 via console access.





Task3: Observe the ping in Wireshark and terminal

```
+ ×
                                      test@Lubuntu-vm: ~
File
       Edit Tabs Help
test@Lubuntu-vm:~$ ping 30.30.30.2
PING 30.30.30.2 (30.30.30.2) 56(84) bytes of data.
64 bytes from 30.30.30.2: icmp_seq=1 ttl=62 time=1.43 ms
64 bytes from 30.30.30.2: icmp_seq=2 ttl=62 time=1.57
64 bytes from 30.30.30.2: icmp_seq=3 ttl=62 time=1.18 ms
64 bytes from 30.30.30.2: icmp_seq=4 ttl=62 time=1.07 ms
64 bytes from 30.30.30.2: icmp_seq=5 ttl=62 time=1.24 ms
   bytes from 30.30.30.2: icmp_seq=6 ttl=62 time=1.34
   bytes from 30.30.30.2: icmp seq=7 ttl=62 time=1.25
64 bytes from 30.30.30.2: icmp_seq=8 ttl=62 time=1.03 ms
   bytes from 30.30.30.2: icmp_seq=9 ttl=62 time=1.26 ms
bytes from 30.30.30.2: icmp_seq=10 ttl=62 time=1.40 ms
bytes from 30.30.30.2: icmp_seq=11 ttl=62 time=1.17 ms
64
   bytes from 30.30.30.2: icmp_seq=12 ttl=62 time=1.11 ms
   bytes from 30.30.30.2: icmp seq=13 ttl=62 time=1.21 ms
    bytes from 30.30.30.2: icmp seq=14 ttl=62 time=1.50 ms
```

• We can observe here that the ttl is 62 because of the two routers used in between.

