CN LAB WEEK-9(IPV4 ADDRESSING USING CLAYNET)

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SECTION-D

SRN-PES2UG19CS203

(NOTE: SCREENSHOT COMMAND WAS NOT WORKING AFTER OPENING VNC VIEWER, HENCE HAD TO TAKE PHOTOS MANUALLY)

ping 10.10.10.1

ping 10.10.10.2

```
test@Lubuntu-vm: ~ - + ×

File Edit Tabs Help

test@Lubuntu-vm:~$ ping 10.10.10.1

PING 10.10.10.1 (10.10.10.1) 56(84) bytes of data.
64 bytes from 10.10.10.1: icmp_seq=1 ttl=64 time=1.29 ms
64 bytes from 10.10.10.1: icmp_seq=2 ttl=64 time=0.320 ms
64 bytes from 10.10.10.1: icmp_seq=3 ttl=64 time=0.501 ms

^C

--- 10.10.10.1 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2007ms
rtt min/avg/max/mdev = 0.320/0.705/1.296/0.425 ms
test@Lubuntu-vm:~$ ping 10.10.10.2

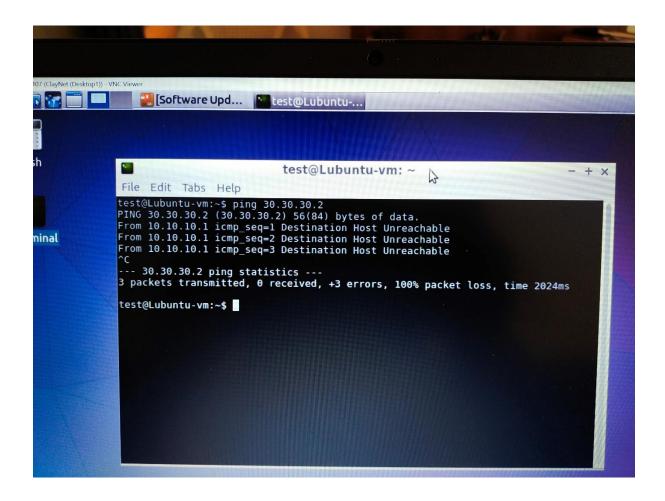
PING 10.10.10.2 (10.10.2) 56(84) bytes of data.
64 bytes from 10.10.10.2: icmp_seq=1 ttl=64 time=0.033 ms
64 bytes from 10.10.10.2: icmp_seq=2 ttl=64 time=0.143 ms

^C

--- 10.10.10.2 ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1003ms
rtt min/avg/max/mdev = 0.033/0.008/0.143/0.055 ms
test@Lubuntu-vm:~$
```

ping 30.30.30.2

BEFORE SETTING UP ROUTING TABLE.

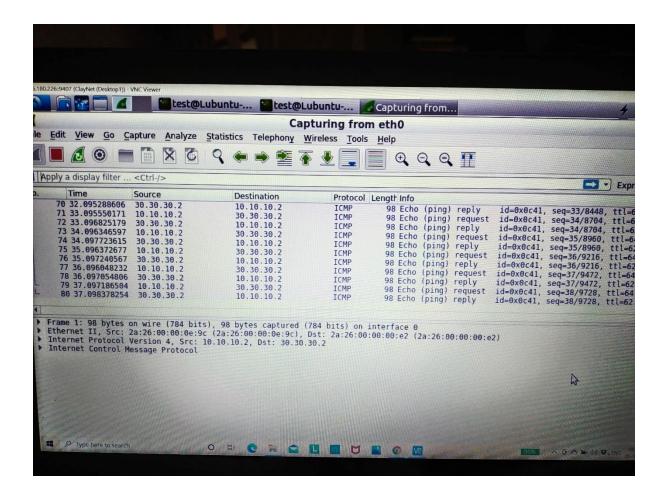


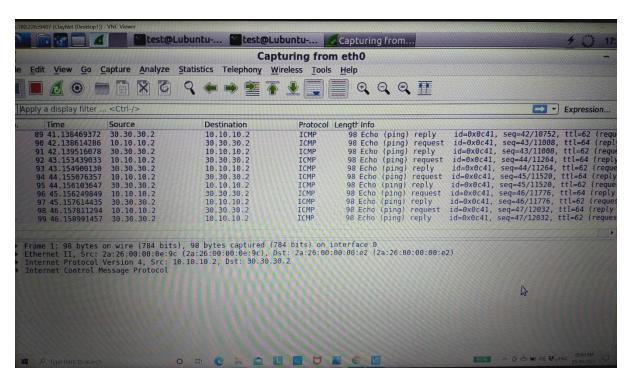
ping 30.30.30.2

AFTER SETTING UP ROUTING TABLE.

```
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  est@Lubuntu-vm:~S 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=1.44 ms 64 bytes from 30.30.30.2: icmp_seq=2 ttl=62 time=1.60 ms 64 bytes from 30.30.30.2: icmp_seq=3 ttl=62 time=4.10 ms
   64 bytes from 30.30.30.2: icmp_seq=4 ttl=62 time=1.32 ms
   64 bytes from 30.30.30.2: icmp_seq=4 ttt=62 time=1.32 ms
64 bytes from 30.30.30.2: icmp_seq=6 ttt=62 time=1.14 ms
64 bytes from 30.30.30.2: icmp_seq=7 ttt=62 time=1.25 ms
    64 bytes from 30.30.30.2: icmp_seq=7 ttl=62 time=1.25 ms
64 bytes from 30.30.30.2: icmp_seq=8 ttl=62 time=1.30 ms
64 bytes from 30.30.30.2: icmp_seq=9 ttl=62 time=1.15 ms
64 bytes from 30.30.30.2: icmp_seq=10 ttl=62 time=1.11 ms
64 bytes from 30.30.30.2: icmp_seq=11 ttl=62 time=1.46 ms
64 bytes from 30.30.30.2: icmp_seq=12 ttl=62 time=1.10 ms
64 bytes from 30.30.30.2: icmp_seq=13 ttl=62 time=0.982 ms
64 bytes from 30.30.30.2: icmp_seq=14 ttl=62 time=1.11 ms
64 bytes from 30.30.30.2: icmp_seq=15 ttl=62 time=44.4 ms
64 bytes from 30.30.30.2: icmp_seq=16 ttl=62 time=44.4 ms
64 bytes from 30.30.30.2: icmp_seq=16 ttl=62 time=1.39 ms
64 bytes from 30.30.30.2: icmp_seq=16 ttl=62 time=1.39 ms
                                                                                                                                                                           time=0.982 ms
                                                                                                                                                ttl=62
ttl=62
ttl=62
ttl=62
ttl=62
ttl=62
ttl=62
           64 bytes from 30.30.30.2: icmp_seq=16
64 bytes from 30.30.30.2: icmp_seq=17
64 bytes from 30.30.30.2: icmp_seq=17
64 bytes from 30.30.30.2: icmp_seq=18
64 bytes from 30.30.30.2: icmp_seq=20
64 bytes from 30.30.30.2: icmp_seq=21
64 bytes from 30.30.30.2: icmp_seq=22
64 bytes from 30.30.30.2: icmp_seq=22
64 bytes from 30.30.30.2: icmp_seq=22
                                                                                                                                                                        time=1.19 ms
time=1.27 ms
                                                                                                                                                                        time=0.992 ms
time=0.914 ms
                                                                                                                                                                         time=1.57 ms
                                                                                                                                                                         time=1.19
                                                                                                                                                                                                           ms
                                                                                                        icmp_seq=22
icmp_seq=23
icmp_seq=24
icmp_seq=25
icmp_seq=26
icmp_seq=27
                         bytes from 30.30.30.2:
bytes from 30.30.30.2:
                                                                                                                                                   ttl=62
                                                                                                                                                                          time=1.00
                          bytes from 30.30.30.2:
                                                                                                                                                 ttl=62
ttl=62
                                                                                                                                                                        time=1.40 ms
time=1.11 ms
time=1.13 ms
                 64
                  64
                    64
                        15
```

WIRESHARK CAPTURE





TRACEPATH

