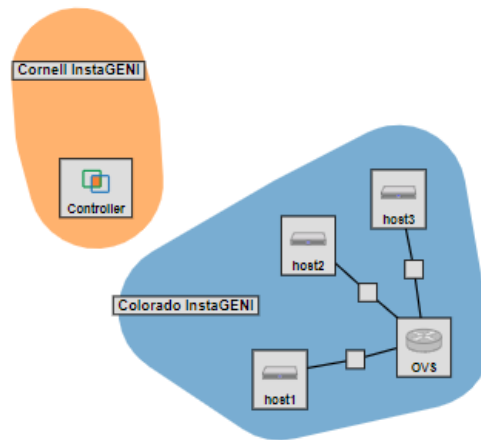


CS 655 Computer Network Lab10 – NAT

Ziqi Tan U 88387934



```
ziqil756@host1:~$ ping 128.128.128.128 -c 5
PING 128.128.128.128 (128.128.128.128) 56(84) bytes of data.
64 bytes from 128.128.128.128: icmp_seq=1 ttl=63 time=83.4 ms
64 bytes from 128.128.128.128: icmp_seq=2 ttl=63 time=82.6 ms
64 bytes from 128.128.128.128: icmp_seq=3 ttl=63 time=81.5 ms
64 bytes from 128.128.128.128: icmp_seq=4 ttl=63 time=81.1 ms
64 bytes from 128.128.128.128: icmp_seq=5 ttl=63 time=81.6 ms

--- 128.128.128.128 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4005ms
rtt min/avg/max/mdev = 81.196/82.106/83.401/0.813 ms
ziqil756@host1:~$
```

```
ziqil756@host2:~$ ping 128.128.128.128 -c 5
PING 128.128.128.128 (128.128.128.128) 56(84) bytes of data.
64 bytes from 128.128.128.128: icmp_seq=1 ttl=63 time=82.2 ms
64 bytes from 128.128.128.128: icmp_seq=2 ttl=63 time=82.0 ms
64 bytes from 128.128.128.128: icmp_seq=3 ttl=63 time=84.7 ms
64 bytes from 128.128.128.128: icmp_seq=4 ttl=63 time=81.8 ms
64 bytes from 128.128.128.128: icmp_seq=5 ttl=63 time=81.7 ms

--- 128.128.128.128 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4006ms
rtt min/avg/max/mdev = 81.797/82.529/84.757/1.166 ms
ziqil756@host2:~$
```

```
ziqil756@host3:~$ sudo tcpdump -i eth1 -n icmp
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode
listening on eth1, link-type EN10MB (Ethernet), capture size 262144 bytes
13:30:50.625638 IP 128.128.128.100 > 128.128.128.128: ICMP echo request, id 1560, seq 1, length 64
13:30:50.625708 IP 128.128.128.128 > 128.128.128.100: ICMP echo reply, id 1560, seq 1, length 64
13:30:51.305147 IP 128.128.128.100 > 128.128.128.128: ICMP echo request, id 1553, seq 1, length 64
13:30:51.305187 IP 128.128.128.128 > 128.128.128.100: ICMP echo reply, id 1553, seq 1, length 64
13:30:51.626292 IP 128.128.128.100 > 128.128.128.128: ICMP echo request, id 1560, seq 2, length 64
13:30:51.626328 IP 128.128.128.128 > 128.128.128.100: ICMP echo reply, id 1560, seq 2, length 64
13:30:52.306609 IP 128.128.128.100 > 128.128.128.128: ICMP echo request, id 1553, seq 2, length 64
13:30:52.306645 IP 128.128.128.128 > 128.128.128.100: ICMP echo reply, id 1553, seq 2, length 64
13:30:52.627250 IP 128.128.128.100 > 128.128.128.128: ICMP echo request, id 1560, seq 3, length 64
13:30:52.627285 IP 128.128.128.128 > 128.128.128.100: ICMP echo reply, id 1560, seq 3, length 64
13:30:53.311142 IP 128.128.128.100 > 128.128.128.128: ICMP echo request, id 1553, seq 3, length 64
13:30:53.311178 IP 128.128.128.128 > 128.128.128.100: ICMP echo reply, id 1553, seq 3, length 64
13:30:53.628049 IP 128.128.128.100 > 128.128.128.128: ICMP echo request, id 1560, seq 4, length 64
13:30:53.628083 IP 128.128.128.128 > 128.128.128.100: ICMP echo reply, id 1560, seq 4, length 64
13:30:54.309450 IP 128.128.128.100 > 128.128.128.128: ICMP echo request, id 1553, seq 4, length 64
13:30:54.309487 IP 128.128.128.128 > 128.128.128.100: ICMP echo reply, id 1553, seq 4, length 64
13:30:54.630149 IP 128.128.128.100 > 128.128.128.128: ICMP echo request, id 1560, seq 5, length 64
13:30:54.630184 IP 128.128.128.128 > 128.128.128.100: ICMP echo reply, id 1560, seq 5, length 64
13:30:55.310852 IP 128.128.128.100 > 128.128.128.128: ICMP echo request, id 1553, seq 5, length 64
13:30:55.310900 IP 128.128.128.128 > 128.128.128.100: ICMP echo reply, id 1553, seq 5, length 64
^C
20 packets captured
20 packets received by filter
0 packets dropped by kernel
ziqil756@host3:~$
```

