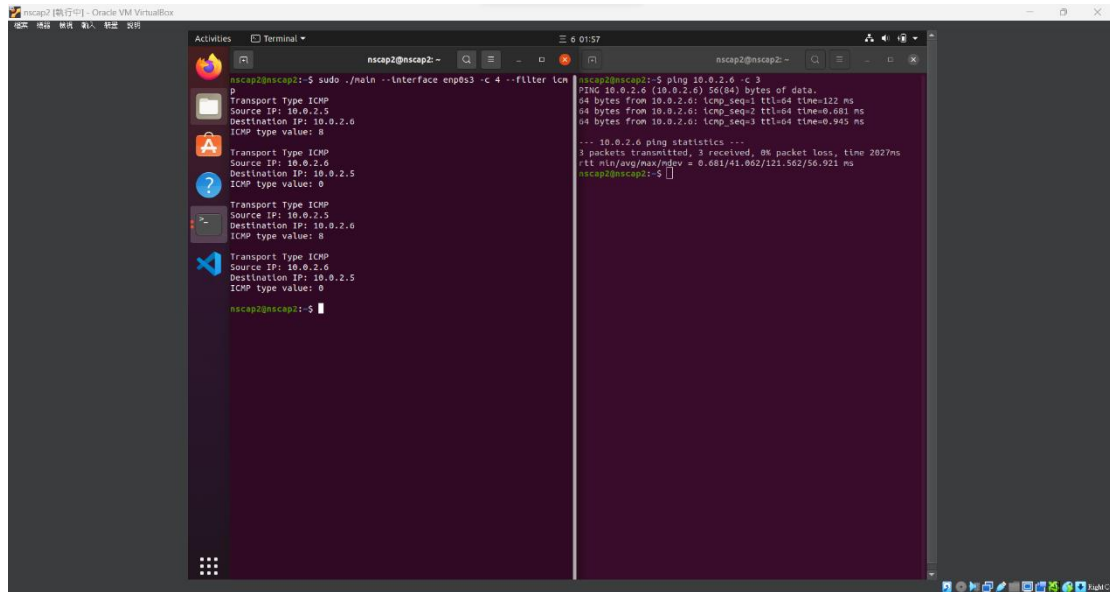


Case 1 : Run -filter icmp



The screenshot shows a terminal window with two panes. The left pane displays the output of the command `sudo ./nmap --interface ens3 -c 4 --filter icmp`, showing four ICMP transport type entries. The right pane shows the output of `ping 10.0.2.6 -c 3`, displaying three successful ping responses with 64 bytes of data and a time of 0.681ms. The terminal window is titled "nmap2 [執行中] - Oracle VM VirtualBox" and shows the system time as 6:01:57.

```
nmap2@nmap2:~$ sudo ./nmap --interface ens3 -c 4 --filter icmp
P
Transport Type ICMP
Source IP: 10.0.2.5
Destination IP: 10.0.2.6
ICMP type value: 8

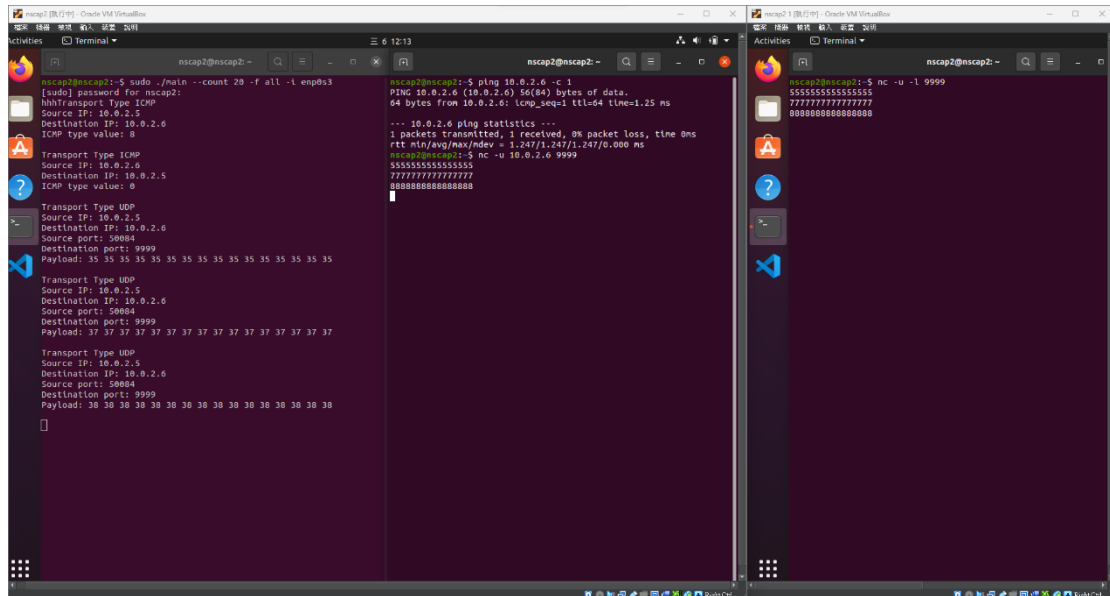
Transport Type ICMP
Source IP: 10.0.2.5
Destination IP: 10.0.2.6
ICMP type value: 8

Transport Type ICMP
Source IP: 10.0.2.5
Destination IP: 10.0.2.6
ICMP type value: 8

nmap2@nmap2:~$ ping 10.0.2.6 -c 3
PING 10.0.2.6 (10.0.2.6) 56(84) bytes of data:
64 bytes from 10.0.2.6: icmp_seq=1 ttl=64 time=0.681 ms
64 bytes from 10.0.2.6: icmp_seq=2 ttl=64 time=0.681 ms
64 bytes from 10.0.2.6: icmp_seq=3 ttl=64 time=0.681 ms

--- 10.0.2.6 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 202ms
rtt min/avg/max/mdev = 0.681/41.002/121.562/56.921 ms
nmap2@nmap2:~$
```

Case 2: Run -filter all (ping & UDP)



The screenshot shows a terminal window with two panes. The left pane displays the output of the command `sudo ./nmap --count 20 -f all -l ens3`, showing three transport type entries: ICMP, UDP, and UDP. The right pane shows the output of `ping 10.0.2.6 -c 1`, displaying one successful ping response with 64 bytes of data and a time of 1.25ms. The terminal window is titled "nmap2 [執行中] - Oracle VM VirtualBox" and shows the system time as 6:12:13.

```
nmap2@nmap2:~$ sudo ./nmap --count 20 -f all -l ens3
[sudo] password for nmap2:
nmap2@nmap2:~$ Transport Type ICMP
Source IP: 10.0.2.5
Destination IP: 10.0.2.6
ICMP type value: 8

Transport Type ICMP
Source IP: 10.0.2.5
Destination IP: 10.0.2.6
ICMP type value: 8

Transport Type UDP
Source IP: 10.0.2.5
Destination IP: 10.0.2.6
Source port: 50084
Destination port: 9999
Payload: 35 35 35 35 35 35 35 35 35 35 35 35 35 35 35 35 35 35 35 35

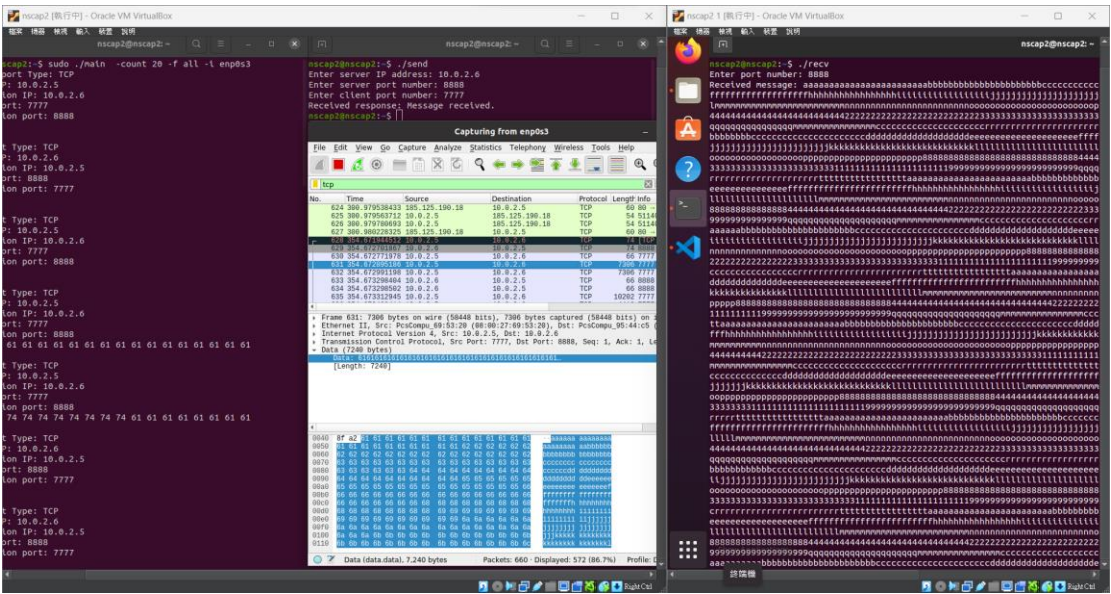
Transport Type UDP
Source IP: 10.0.2.5
Destination IP: 10.0.2.6
Source port: 50084
Destination port: 9999
Payload: 37 37 37 37 37 37 37 37 37 37 37 37 37 37 37 37 37 37 37 37

Transport Type UDP
Source IP: 10.0.2.5
Destination IP: 10.0.2.6
Source port: 50084
Destination port: 9999
Payload: 38 38 38 38 38 38 38 38 38 38 38 38 38 38 38 38 38 38 38 38

nmap2@nmap2:~$ ping 10.0.2.6 -c 1
PING 10.0.2.6 (10.0.2.6) 56(84) bytes of data:
64 bytes from 10.0.2.6: icmp_seq=1 ttl=64 time=1.25 ms

--- 10.0.2.6 ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 1.247/1.247/1.247/0.000 ms
nmap2@nmap2:~$ nc -u 10.0.2.6 9999
SSSSSSSSSSSSSSSSSSSS
TTTTTTTTTTTTTTTTTT
00000000000000000000
nmap2@nmap2:~$
```

Run TCP pkt1



Run TCP pkt1

