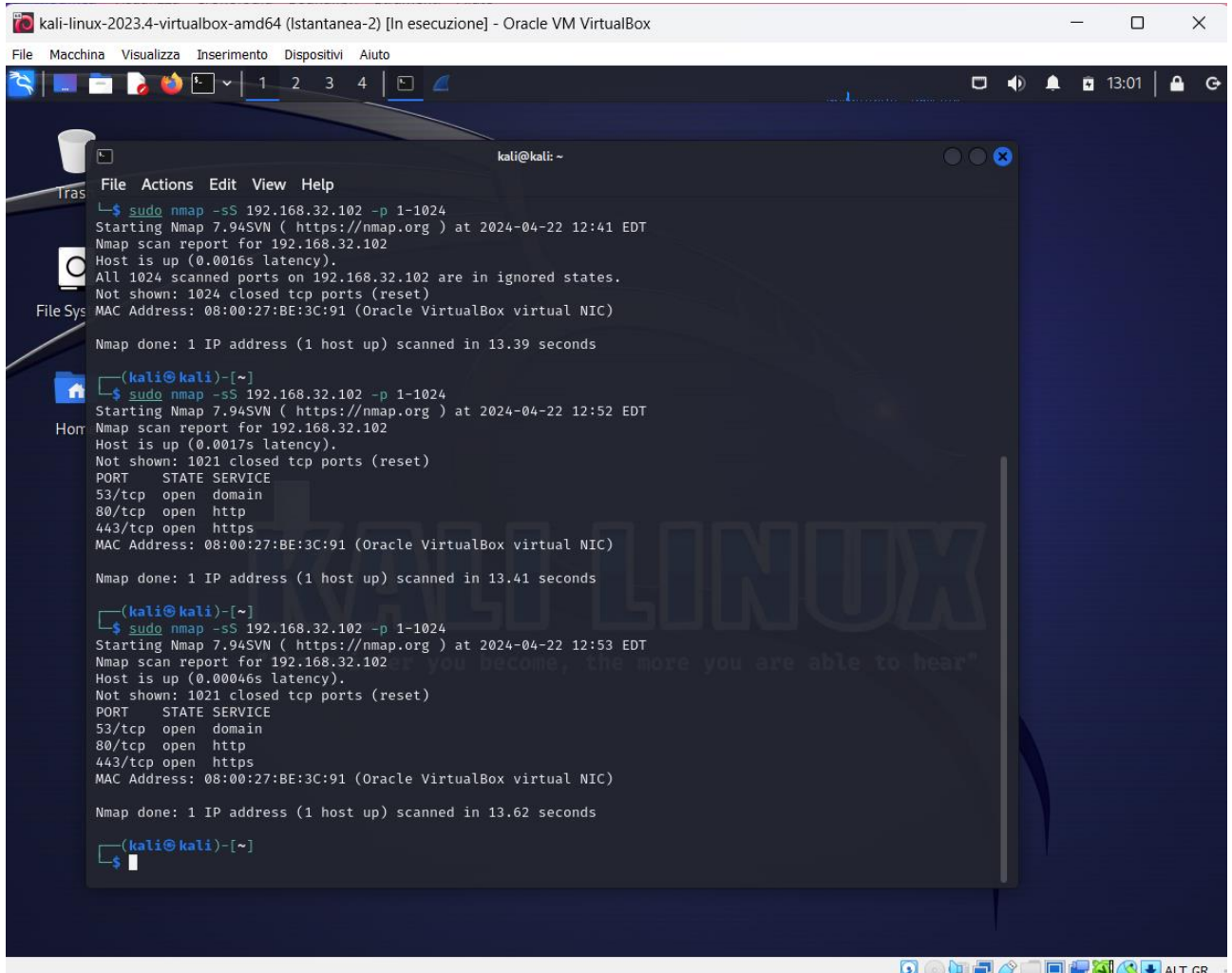


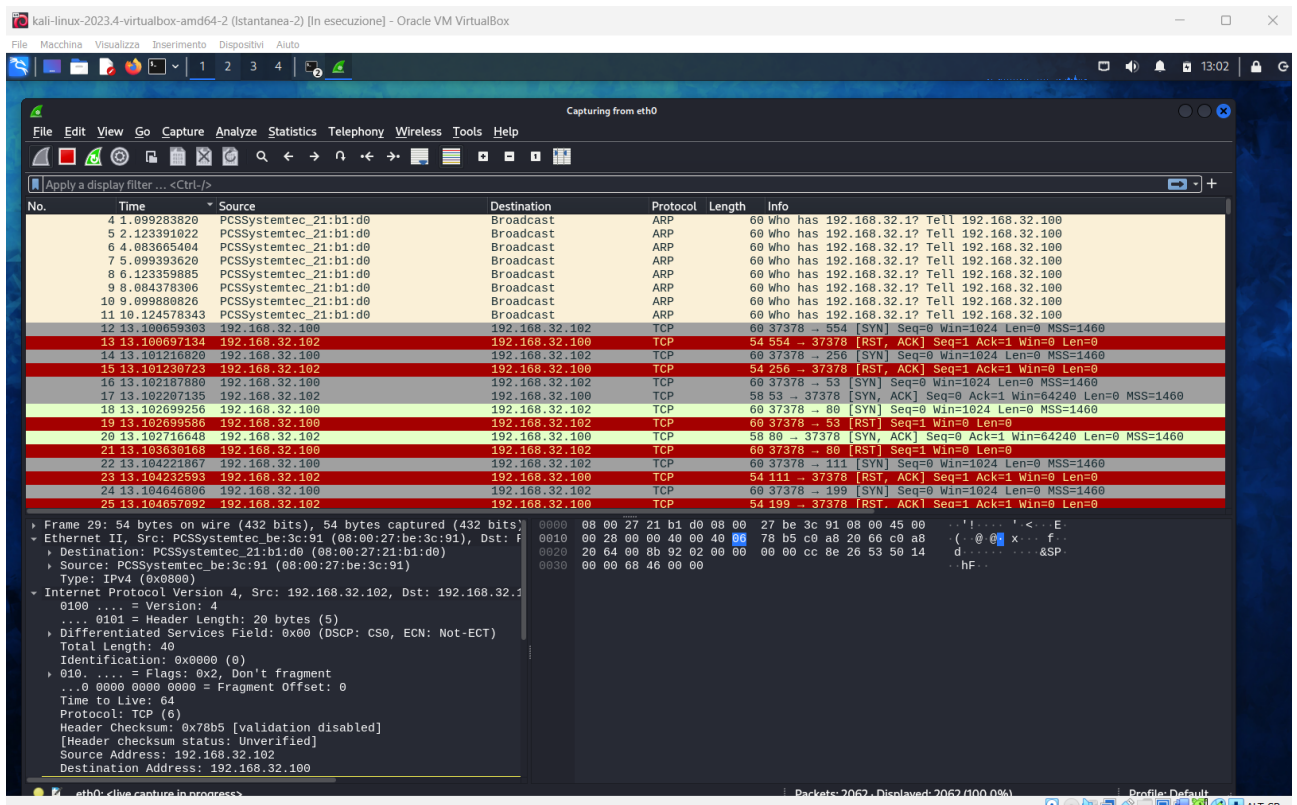
ESERCIZIO 2 WEEK 9 D1 – Orazio Ciccozzi

Nell'esercizio utilizzo 2 kali, su uno lancio nmap e sull'altro ho avviato inetsim e raccolto informazioni su Wireshark



```
kali@kali: ~  
File Actions Edit View Help  
$ sudo nmap -sS 192.168.32.102 -p 1-1024  
Starting Nmap 7.94SVN ( https://nmap.org ) at 2024-04-22 12:41 EDT  
Nmap scan report for 192.168.32.102  
Host is up (0.0016s latency).  
All 1024 scanned ports on 192.168.32.102 are in ignored states.  
Not shown: 1024 closed tcp ports (reset)  
MAC Address: 08:00:27:BE:3C:91 (Oracle VirtualBox virtual NIC)  
Nmap done: 1 IP address (1 host up) scanned in 13.39 seconds  
  
$ sudo nmap -sS 192.168.32.102 -p 1-1024  
Starting Nmap 7.94SVN ( https://nmap.org ) at 2024-04-22 12:52 EDT  
Nmap scan report for 192.168.32.102  
Host is up (0.0017s latency).  
Not shown: 1021 closed tcp ports (reset)  
PORT      STATE SERVICE  
53/tcp    open  domain  
80/tcp    open  http  
443/tcp   open  https  
MAC Address: 08:00:27:BE:3C:91 (Oracle VirtualBox virtual NIC)  
Nmap done: 1 IP address (1 host up) scanned in 13.41 seconds  
  
$ sudo nmap -sS 192.168.32.102 -p 1-1024  
Starting Nmap 7.94SVN ( https://nmap.org ) at 2024-04-22 12:53 EDT  
Nmap scan report for 192.168.32.102  
Host is up (0.00046s latency).  
Not shown: 1021 closed tcp ports (reset)  
PORT      STATE SERVICE  
53/tcp    open  domain  
80/tcp    open  http  
443/tcp   open  https  
MAC Address: 08:00:27:BE:3C:91 (Oracle VirtualBox virtual NIC)  
Nmap done: 1 IP address (1 host up) scanned in 13.62 seconds  
  
$
```

Sul server su cui lancio la scansione con nmap con il comando “sudo nmap -sS 192.168.32.102 -p 1-1024” si evince che sul server scansionato sono aperte le porte TCP 53, 80 e 443



Sul server scansionato tramite wireshark si evince che le porte aperte rispondono con SYN e ACK, le richieste inviate da nmap con lo switch `-sS` sono richieste dove il TCP handshake non viene concluso, ma viene inviato solamente il pacchetto SYN. Laddove la macchina target risponde con un [RST,ACK] ci conferma che la porta è chiusa, e non ci sono servizi attivi.