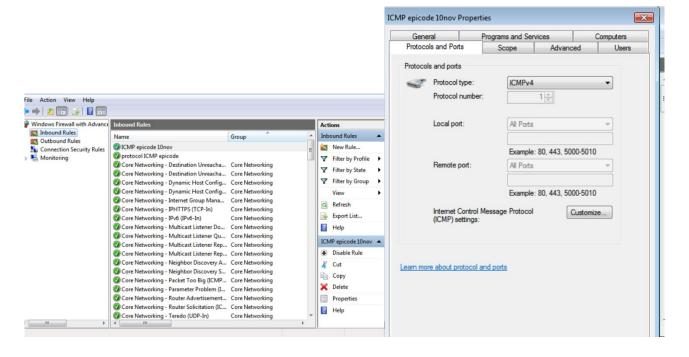
## Prima consegna



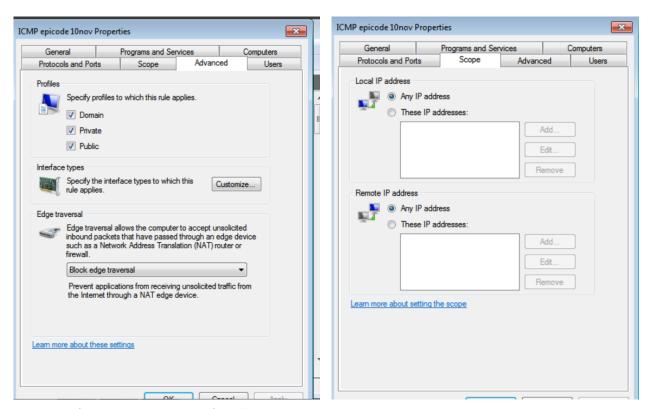


Figura 1: configurazione policy ICMP nel firewall di Windows 7.

```
😽 | 🔙 🛅 🍃 🝪 🔄 🗸 | 1 2 3 4 | 🐞 🗈 🙍
File Actions Edit View Help
 GNU nano 7.2
 quotd_udp, chargen_tcp, chargen_udp, finger,
#start_service dns
#start_service http
start_service https
#start_service smtp
#start_service smtps
#start_service pop3
#start_service pop3s
#start_service ftp
#start_service ftps
#start_service tftp
#start_service irc
#start_service finger
#start_service ident
#start_service echo_tcp
#start_service echo_udp
#start_service discard_tcp
#start_service discard_udp
#start_service quotd_tcp
#start_service quotd_udp
#start_service chargen_tcp
#start_service chargen_udp
#start_service dummy_tcp
#start_service dummy_udp
# service_bind_address
IP address to bind services to
service_bind_address 127.0.0.1
```

Figura 2: configurazione INetSim su Kali Linux.

```
File Actions Edit View Help
INetSim 1.3.2 (2020-05-19) by Matthias Eckert & Thomas Hungenberg
Using log directory: /var/log/inetsim/
Using data directory: /var/lib/inetsim/
Using report directory: /var/log/inetsim/report/
Using configuration file: /etc/inetsim/inetsim.conf
Parsing configuration file.
Parsing configuration file.

Configuration file parsed successfully.

Inversity Inversity Inverses the successfully.

Session ID: 11060
Listening on: 127.0.0.1

Real Date/Time: 2023-11-11 02:36:31

Fake Date/Time: 2023-11-11 02:36:31 (Delta: 0 seconds)
 Forking services...

* https_443_tcp - started (PID 11062)
Simulation running.
 `C * https_443_tcp - stopped (PID 11062)
* https_443_tcp - stopped (PID 11062)
 Simulation stopped.
Report written to '/var/log/inetsim/report/report.11060.txt' (30 lines)
INetSim main process stopped (PID 11060)
  —(kali®kali)-[/etc/inetsim]
—$ <u>sudo</u> nano inetsim.conf
 [sudo] password for kali:
   -(kali⊗kali)-[/etc/inetsim]
$ <u>sudo</u> inetsim
INetSim 1.3.2 (2020-05-19) by Matthias Eckert & Thomas Hungenberg
                                            /var/log/inetsim/
/var/lib/inetsim/
Using log directory:
Using data directory:
Using report directory: /var/log/inetsim/report/
Using configuration file: /etc/inetsim/inetsim.conf
 Parsing configuration file.
Configuration file parsed successfully.

Inversity in the parsed successfully.

Inversity in the parsed successfully.

Session ID: 47893
Listening on: 127.0.0.1

Real Date/Time: 2023-11-11 03:54:58
 ake Date/Time: 2023-11-11 03:54:58 (Delta: 0 seconds)
 Forking services ...
  * https_443_tcp - started (PID 47903)
done.
Simulation running.
```

Figura 3: avvio simulazione INetSim su Kali Linux.

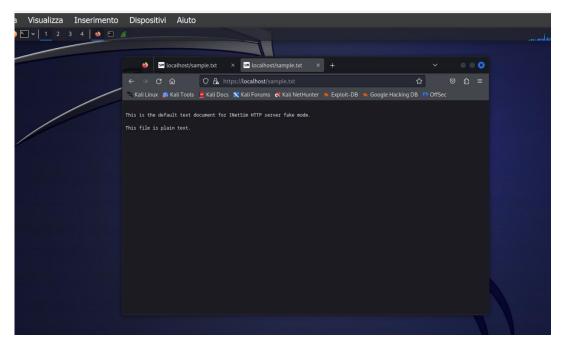


Figura 4: emulazione servizi internet su Kali Linux.

## Terza consegna

## Protocolli https

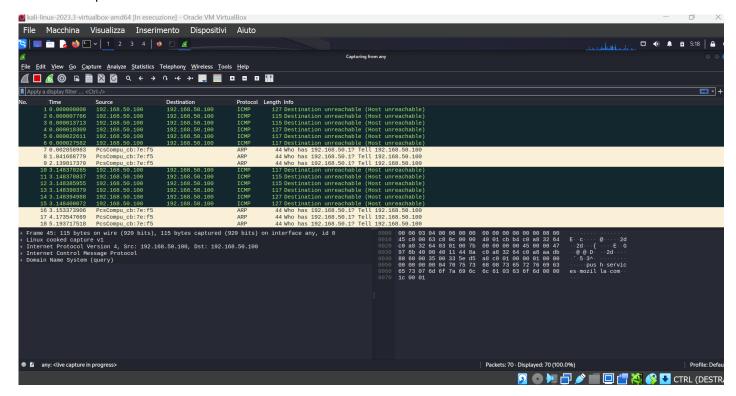


Figura 5: Cattura pacchetti su Wireshark in https, utilizzando la porta "Any".

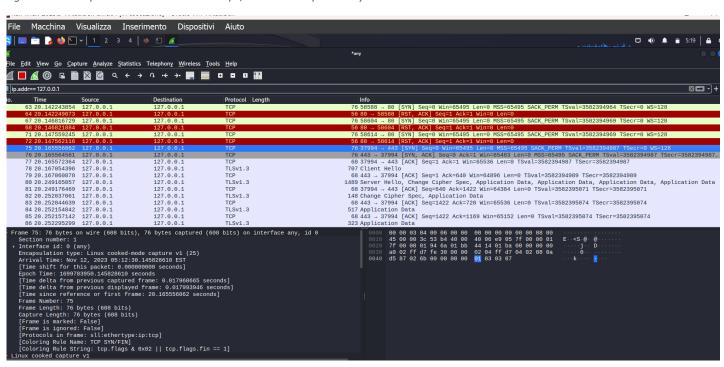


Figura 6: scambio di pacchetti con three-hand-shake in https dopo aver applicato il filtro "ip.addr == 127.0.0.1".

## Protocolli http

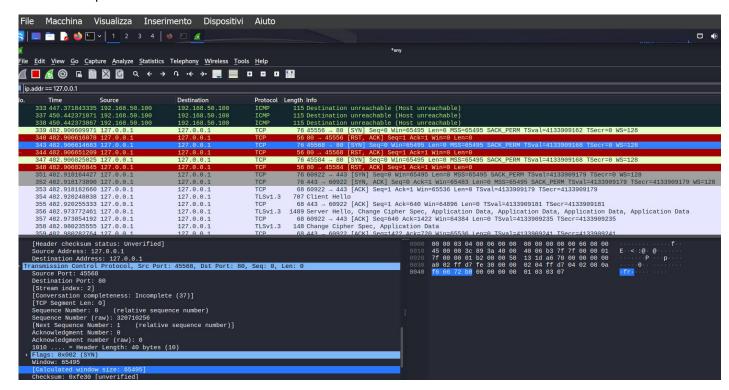


Figura 7: scambio di pacchetti in http dopo aver applicato il filtro "ip.addr == 127.0.0.1".