

1. Per prima cosa abilitiamo il ping sul nostro FireWall.

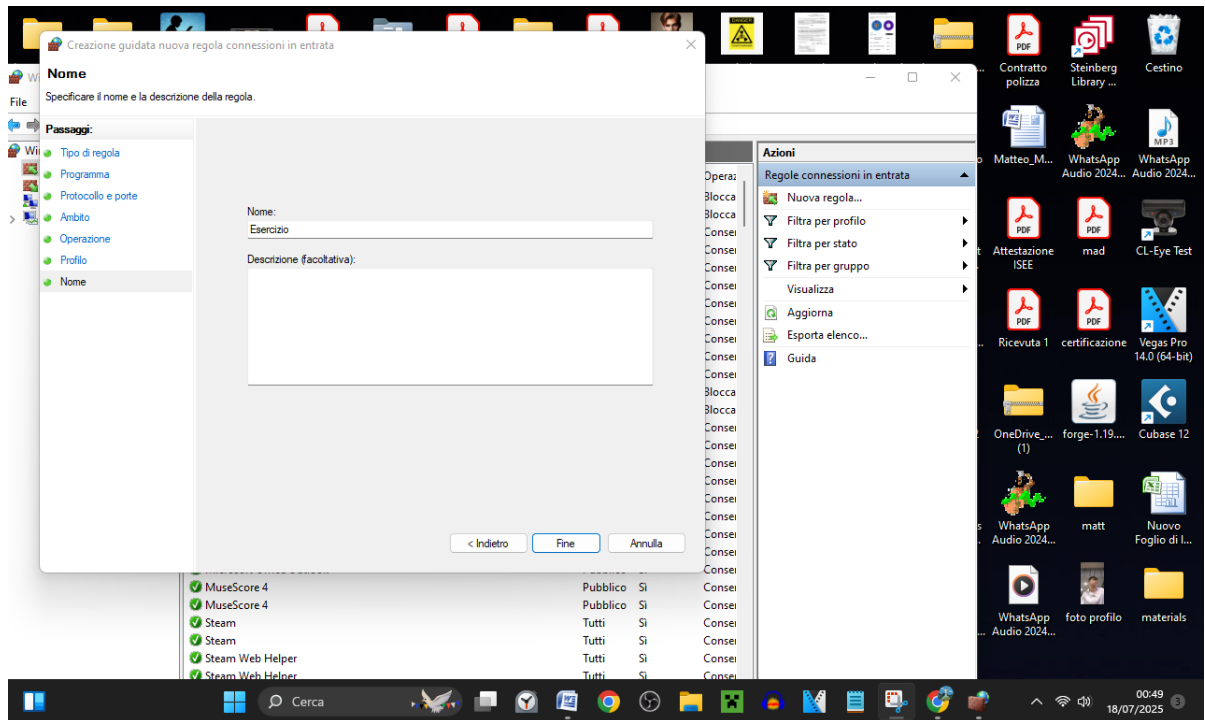
-Apriamo Windows Defender Firewall (tramite Pannello di Controllo)

-Click su “Regole di connessioni in entrata”

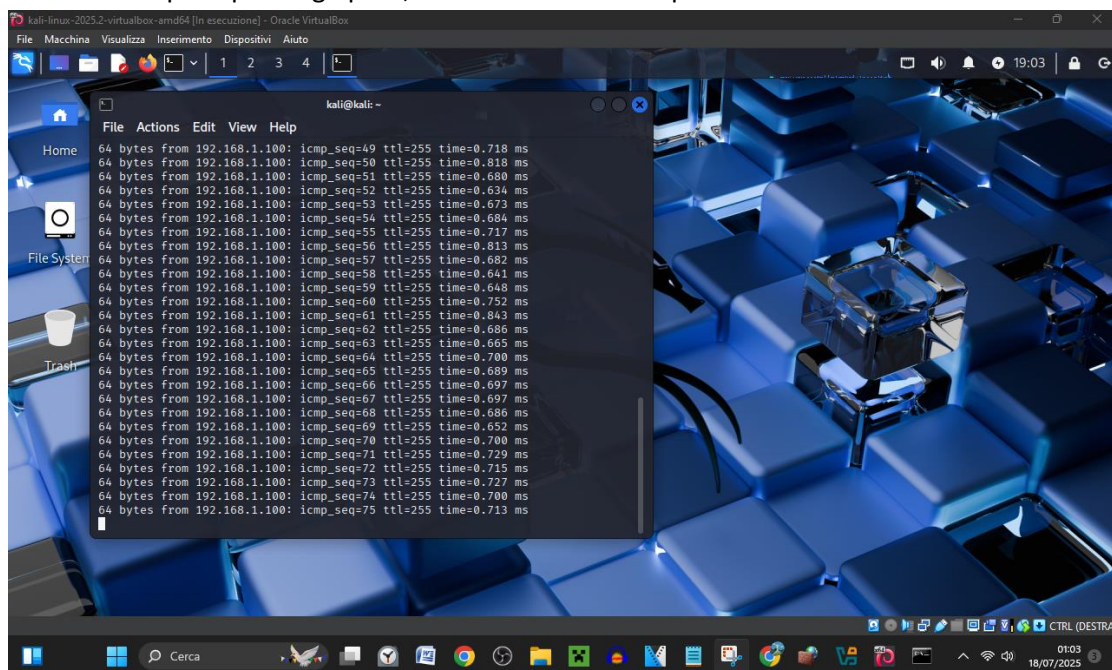
-Creiamo una nuova regola personalizzata (è possibile restringere la regola solo all’IP della macchina Linux, ma noi metteremo “qualsiasi indirizzo IP), sul protocollo ICMP.

-Consentiamo alla connessione e alle tre applicazioni (dominio, pubblico, privato)

-Diamo un nome (es: Esercizio)

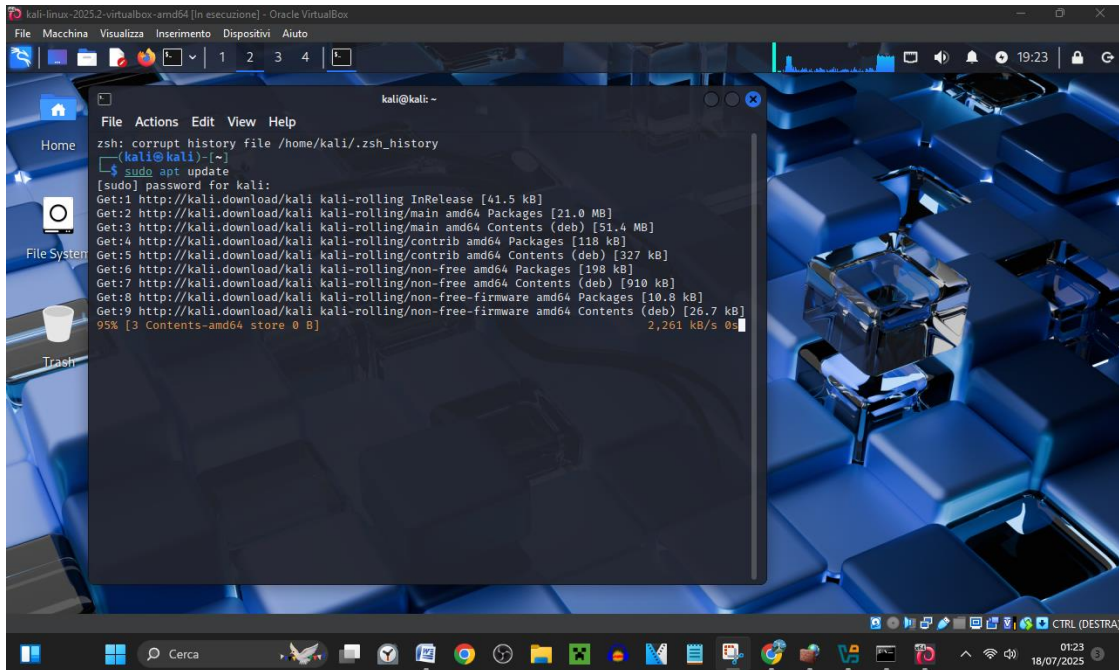


-Dopo esserci procurati l’IPv4 (tramite Ipconfig) apriamo Kali e testiamo direttamente dal Linux, scrivendo sul prompt “Ping+Ipv4”, e verifichiamo che risponda.



## 2. Configuriamo Inetsim.

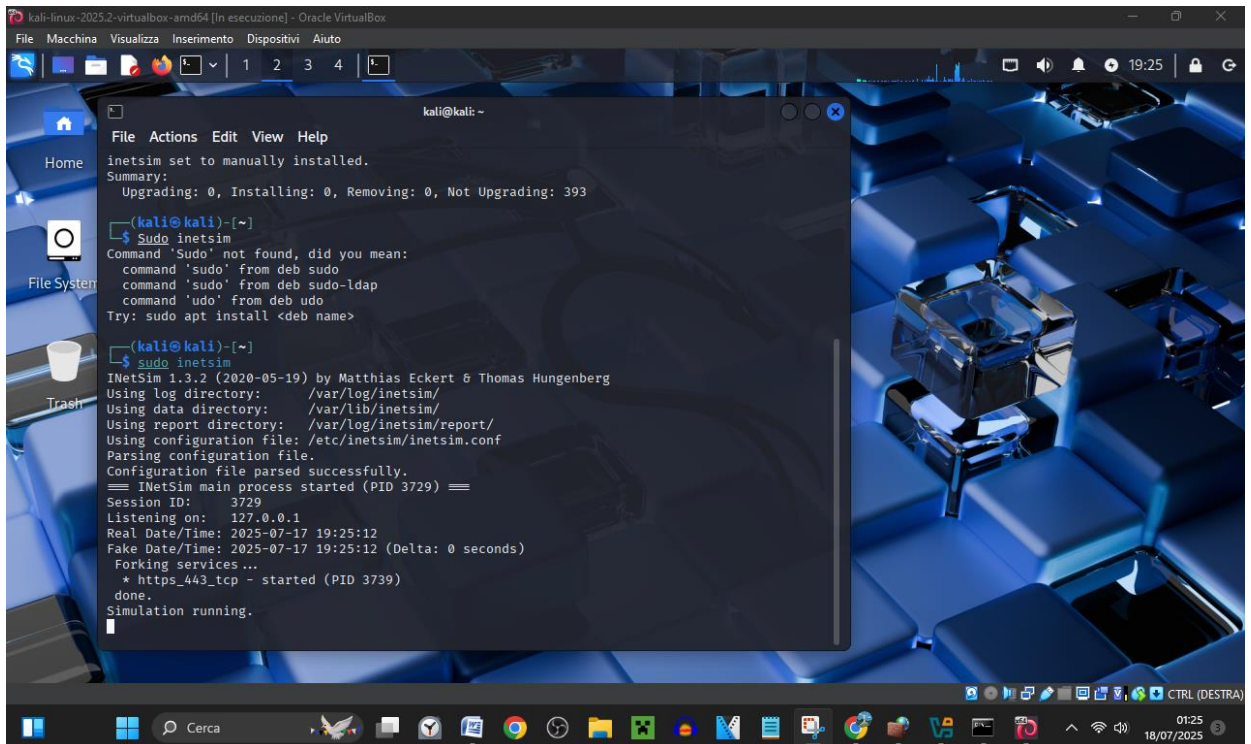
-“Sudo apt update” come primo comando da eseguire, per scaricare i pacchetti.



```
kali@kali: ~  
zsh: corrupt history file /home/kali/.zsh_history  
[kali@kali]~  
$ sudo apt update  
[sudo] password for kali:  
Get:1 http://kali.download/kali kali-rolling InRelease [41.5 kB]  
Get:2 http://kali.download/kali kali-rolling/main amd64 Packages [21.0 MB]  
Get:3 http://kali.download/kali kali-rolling/main amd64 Contents (deb) [51.4 MB]  
Get:4 http://kali.download/kali kali-rolling/contrib amd64 Packages [118 kB]  
Get:5 http://kali.download/kali kali-rolling/contrib amd64 Contents (deb) [327 kB]  
Get:6 http://kali.download/kali kali-rolling/non-free amd64 Packages [198 kB]  
Get:7 http://kali.download/kali kali-rolling/non-free amd64 Contents (deb) [910 kB]  
Get:8 http://kali.download/kali kali-rolling/non-free-firmware amd64 Packages [10.8 kB]  
Get:9 http://kali.download/kali kali-rolling/non-free-firmware amd64 Contents (deb) [26.7 kB]  
95% [3 Contents-amd64 store 0 B] 2,261 kB/s 0s
```

-“Sudo apt install inetsim” (nel mio caso era già installato)

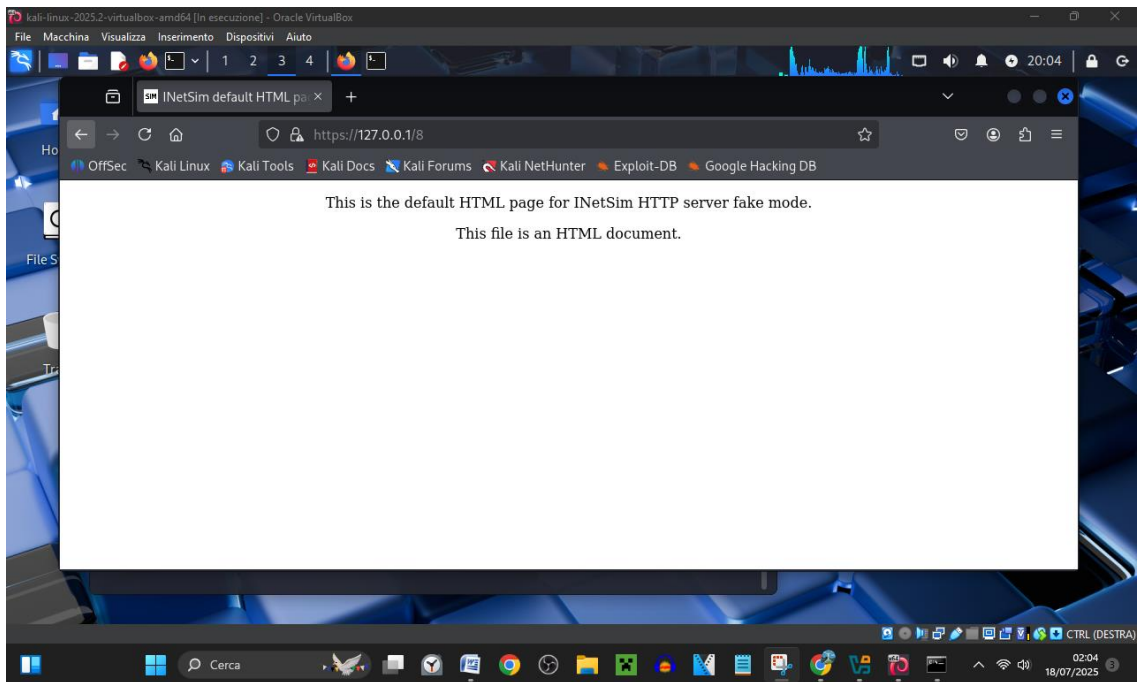
-Dopo di ch  lo avviamo (semplicemente con “Sudo inetsim”).



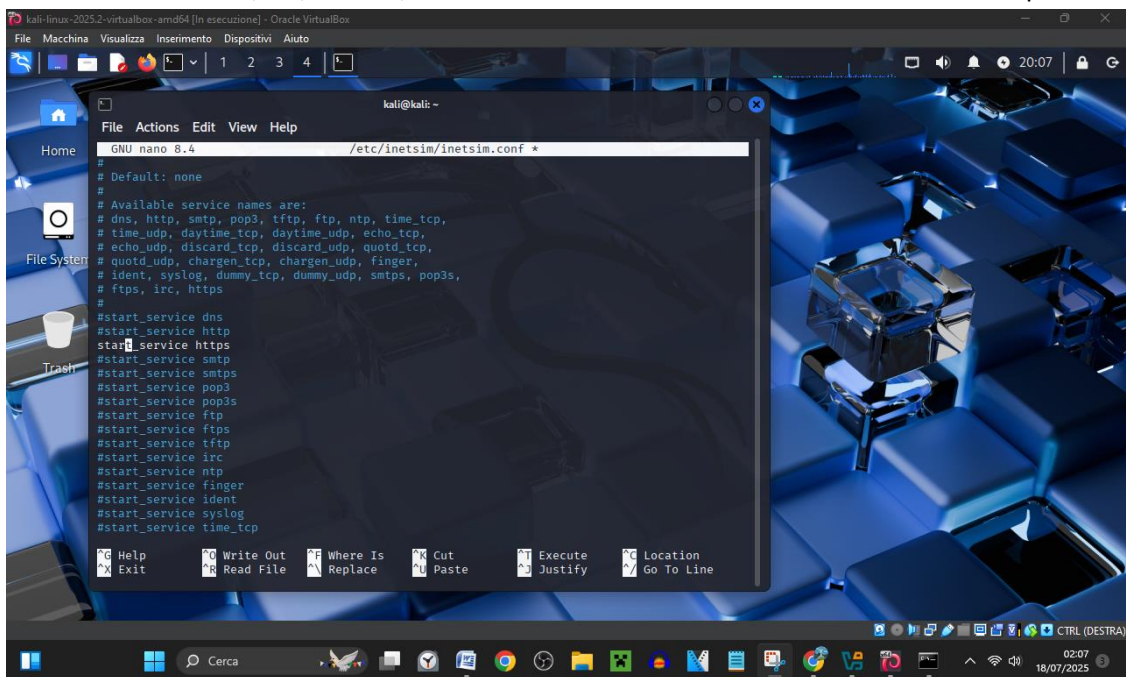
```
kali@kali: ~  
inetsim set to manually installed.  
Summary:  
Upgrading: 0, Installing: 0, Removing: 0, Not Upgrading: 393  
[kali@kali]~  
$ sudo inetsim  
Command 'sudo' not found, did you mean:  
  command 'sudo' from deb sudo  
  command 'sudo' from deb sudo-ldap  
  command 'udo' from deb udo  
Try: sudo apt install <deb name>  
[kali@kali]~  
$ sudo inetsim  
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  
Configuration file parsed successfully.  
== INetSim main process started (PID 3729) ==  
Session ID: 3729  
Listening on: 127.0.0.1  
Real Date/Time: 2025-07-17 19:25:12  
Fake Date/Time: 2025-07-17 19:25:12 (Delta: 0 seconds)  
Forking services...  
  * https_443_tcp - started (PID 3739)  
done.  
Simulation running.
```

### 3. Troviamo l'IP della VM.

- Il comando è "Ip a", accanto alla voce "Inet", e proviamo a scriverlo sul browser.

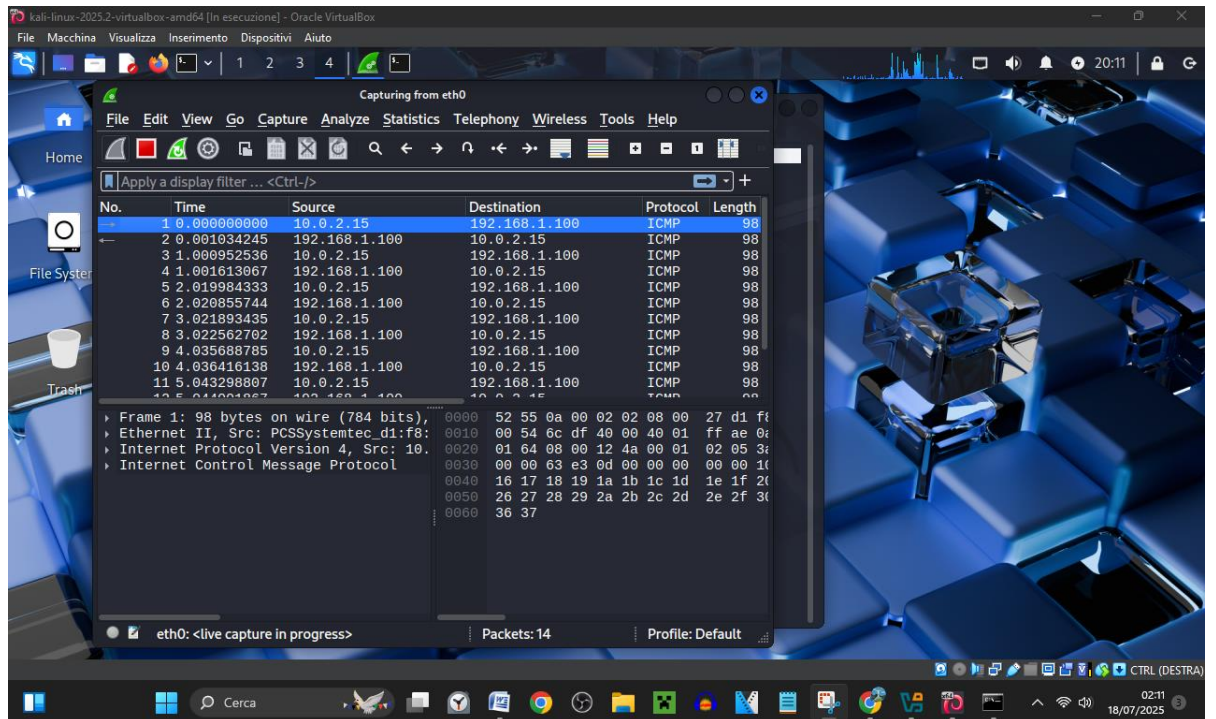


- Tramite il comando `"/etc/inetsim/inetsim.conf"` Modifichiamo tutti i servizi tranne http





-4 apriamo WireShark e procediamo alla cattura dei pacchetti



-Per fermarci, premiamo il quadrato rosso.