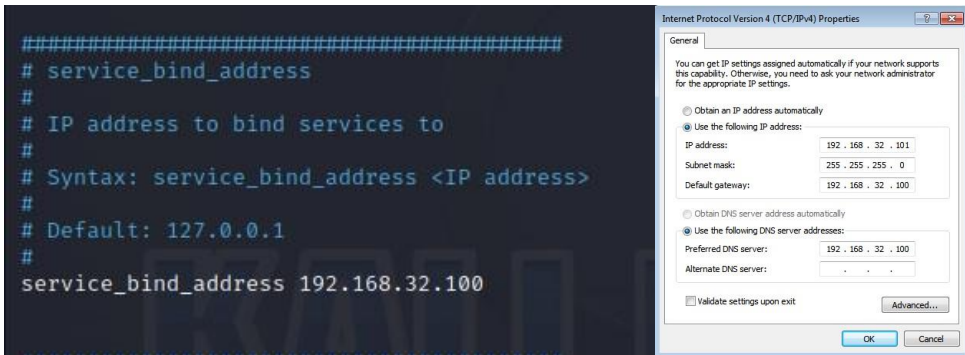


## Tartaglia Simone

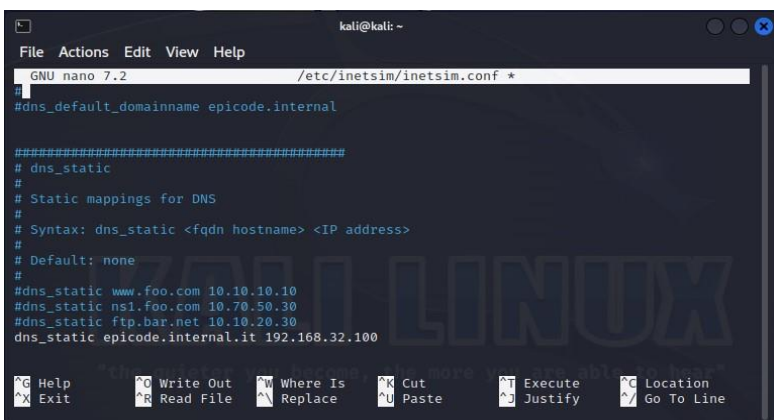
### Progetto 1

Come prima cosa ho iniziato configurando gli indirizzi ip su kali e su windows 7, kali 192.168.32.100, windows 7 192.168.32.101, inserendo anche le subnet mask.



Configuro il server dns con lo stesso indirizzo di kali configurando INetSim tramite il comando

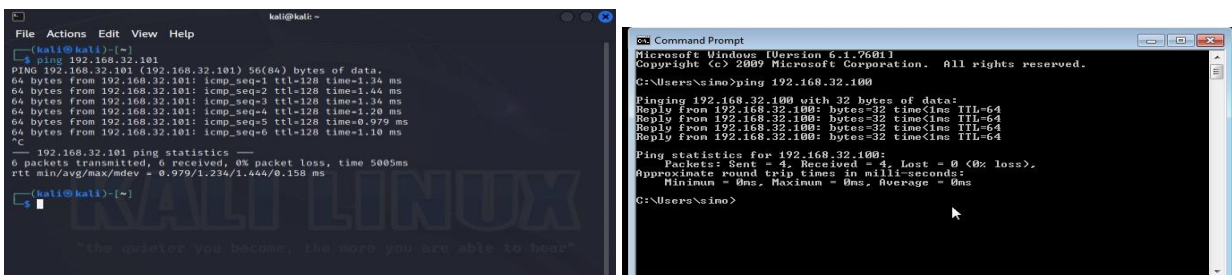
`sudo /etc/inetsim/inetsim.conf`



Dopo aver configurato la rete, utilizzando INetSim ho avviato la rete virtuale e fatto il ping tra le due macchine in modo da avere la certezza che fossero connesse tra loro.

ping 192.168.32.101 da kali verso windows

ping 192.168.32.100 da windows verso kali



Essendoci la connessione ho fatto la richiesta tramite browser e catturato i pacchetti che si sono scambiati tra di loro tramite Wireshark.

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000000	PcsCompu_d5:fc:42	Broadcast	ARP	60	Who has 192.168.32.100? Tell 192.168.32.101
2	0.000081027	PcsCompu_c7:e1:36	PcsCompu_d5:fc:42	ARP	42	192.168.32.100 is at 08:00:27:c7:e1:36
3	0.000111624	192.168.32.101	192.168.32.100	TCP	66	49199 → http(80) [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=256 SACK_PERM
4	0.000677728	192.168.32.100	192.168.32.101	TCP	66	http(80) → 49199 [SYN, ACK] Seq=0 Ack=1 Win=64240 Len=0 MSS=1460 SAC...
5	0.001545995	192.168.32.101	192.168.32.100	TCP	60	49199 → http(80) [ACK] Seq=1 Ack=1 Win=65536 Len=0
6	0.001804184	192.168.32.101	192.168.32.100	HTTP	151	GET /res.txt HTTP/1.1
7	0.001831080	192.168.32.100	192.168.32.101	TCP	54	http(80) → 49199 [ACK] Seq=1 Ack=98 Win=64256 Len=0
8	0.032834426	192.168.32.100	192.168.32.101	TCP	284	http(80) → 49199 [PSH, ACK] Seq=1 Ack=98 Win=64256 Len=150 [TCP segm...
9	0.036842398	192.168.32.100	192.168.32.101	HTTP	151	HTTP/1.1 200 OK (text/plain)
10	0.037173754	192.168.32.101	192.168.32.100	TCP	60	49199 → http(80) [ACK] Seq=98 Ack=249 Win=65280 Len=0
11	0.038196905	192.168.32.101	192.168.32.100	TCP	60	49199 → http(80) [FIN, ACK] Seq=98 Ack=249 Win=65280 Len=0
12	0.038223992	192.168.32.100	192.168.32.101	TCP	54	http(80) → 49199 [ACK] Seq=240 Ack=98 Win=64256 Len=0
13	0.071565923	PcsCompu_c7:e1:36	PcsCompu_d5:fc:42	ARP	42	Who has 192.168.32.101? Tell 192.168.32.100
14	0.172755472	PcsCompu_d5:fc:42	PcsCompu_c7:e1:36	ARP	60	192.168.32.101 is at 08:00:27:d5:fc:42
15	0.097265547	192.168.56.1	255.255.255.255	DB-ISP	176	Dnrobbix LAN sync Discovery Protocol, JavaScript Object Notation
Frame 12: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface Ethernet II, Src: PcsCompu_c7:e1:36 (08:00:27:c7:e1:36), Dst: PcsCompu_d5:fc:42 Internet Protocol Version 4, Src: 192.168.32.100 (192.168.32.100), Dst: 192 Transmission Control Protocol, Src Port: http(80), Dst Port: 49199 (49199)						

eth0: <live capture in progress>

Packets: 32 - Displayed: 32 (100.0%)

Profile: Default