

Kali Linux [In esecuzione] - Oracle VM VirtualBox

File Macchina Visualizza Inserimento Dispositivi Aiuto

1 2 3 4

mattiadesimec@kali: ~

GNU nano 6.4 /etc/network/interfaces

This file describes the network interfaces available on your system
and how to activate them. For more information, see interfaces(5).

source /etc/network/interfaces.d/*

The loopback network interface

auto lo

iface lo inet loopback

auto eth0

iface eth0 inet static

address 192.168.32.100/24

gateway 192.168.32.1

^G Help ^O Salva ^W Cerca ^K Cut ^T Execute ^G Location M-U Annulla M-A Set Mark M-J Parentesi M-C Precedente
^X Esci ^R Inserisci ^\ Sostituisci ^U Paste ^_ Giustifica ^/ Vai a riga M-E Ripeti M-b Copy ^q Cerca Ind. M-W Successiva

mattiadesimej@kali: ~

File Azioni Modifica Visualizza Aiuto

(mattiadesimej@kali)~

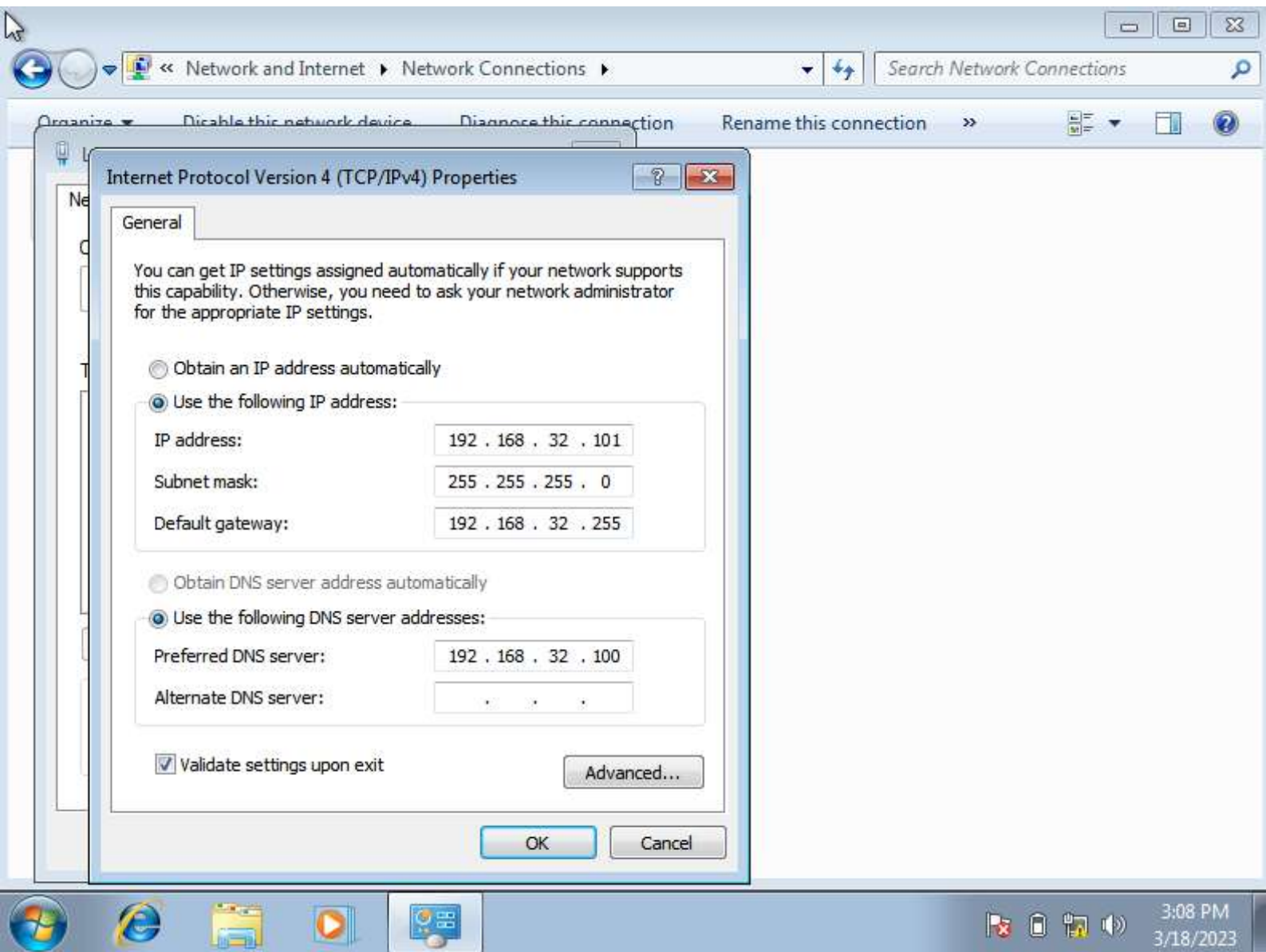
\$ ifconfig

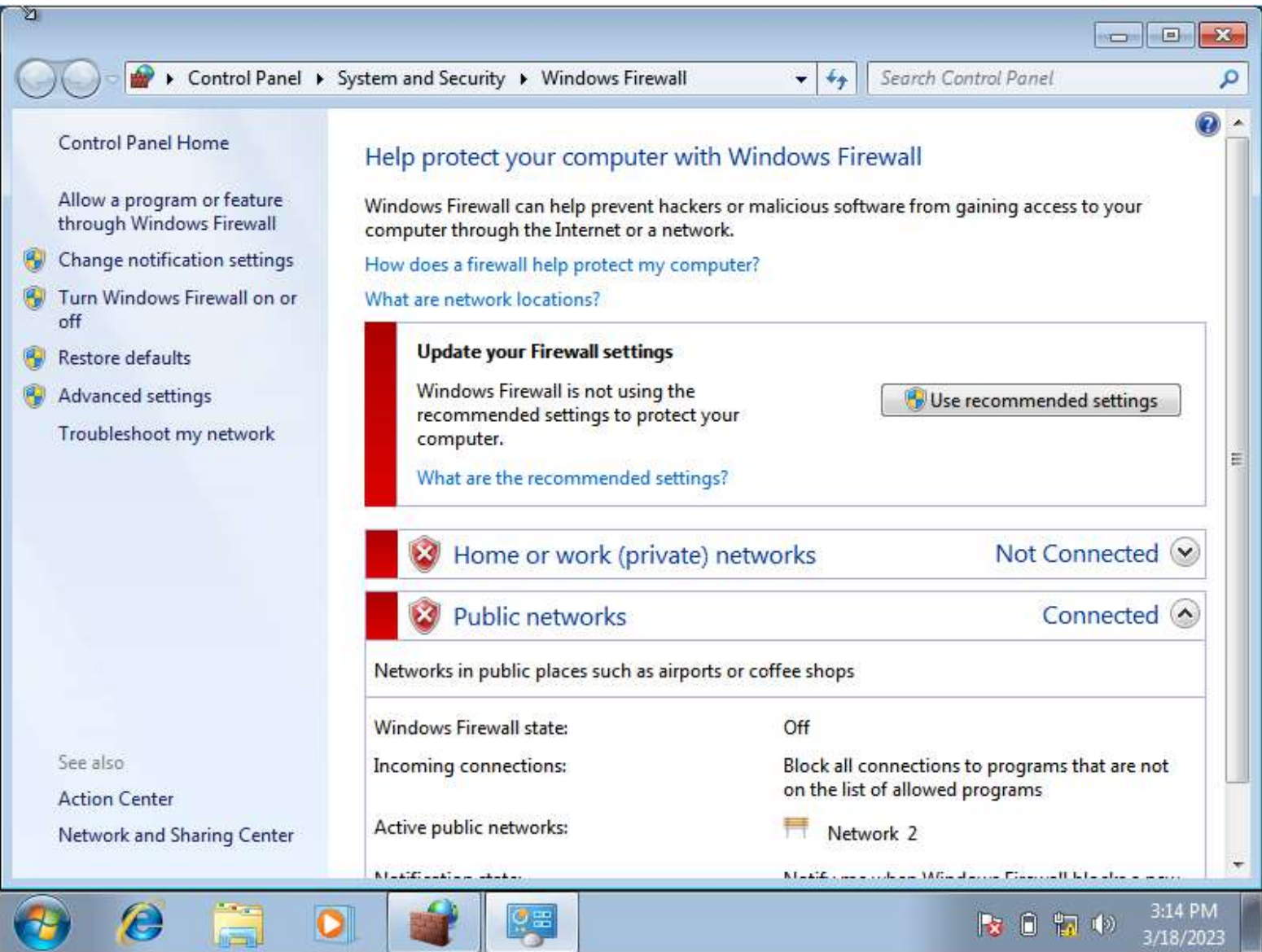
```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.32.100 netmask 255.255.255.0 broadcast 192.168.32.255
    inet6 fe80::a00:27ff:fe71:7ed1 prefixlen 64 scopeid 0<link>
    ether 08:00:27:71:7e:d1 txqueuelen 1000 (Ethernet)
    RX packets 21 bytes 1642 (1.6 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 31 bytes 4146 (4.0 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

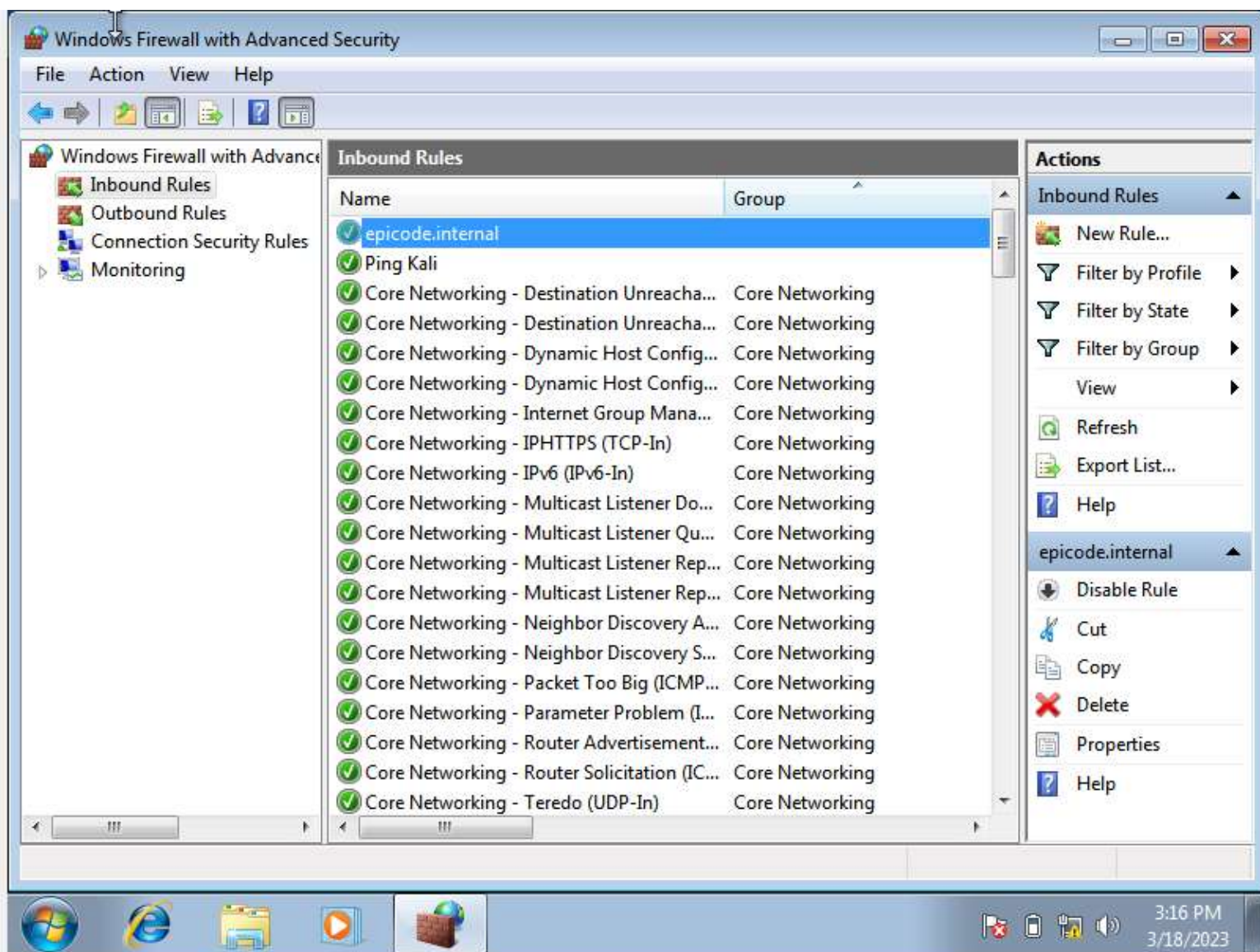
```
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 4 bytes 240 (240.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 4 bytes 240 (240.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

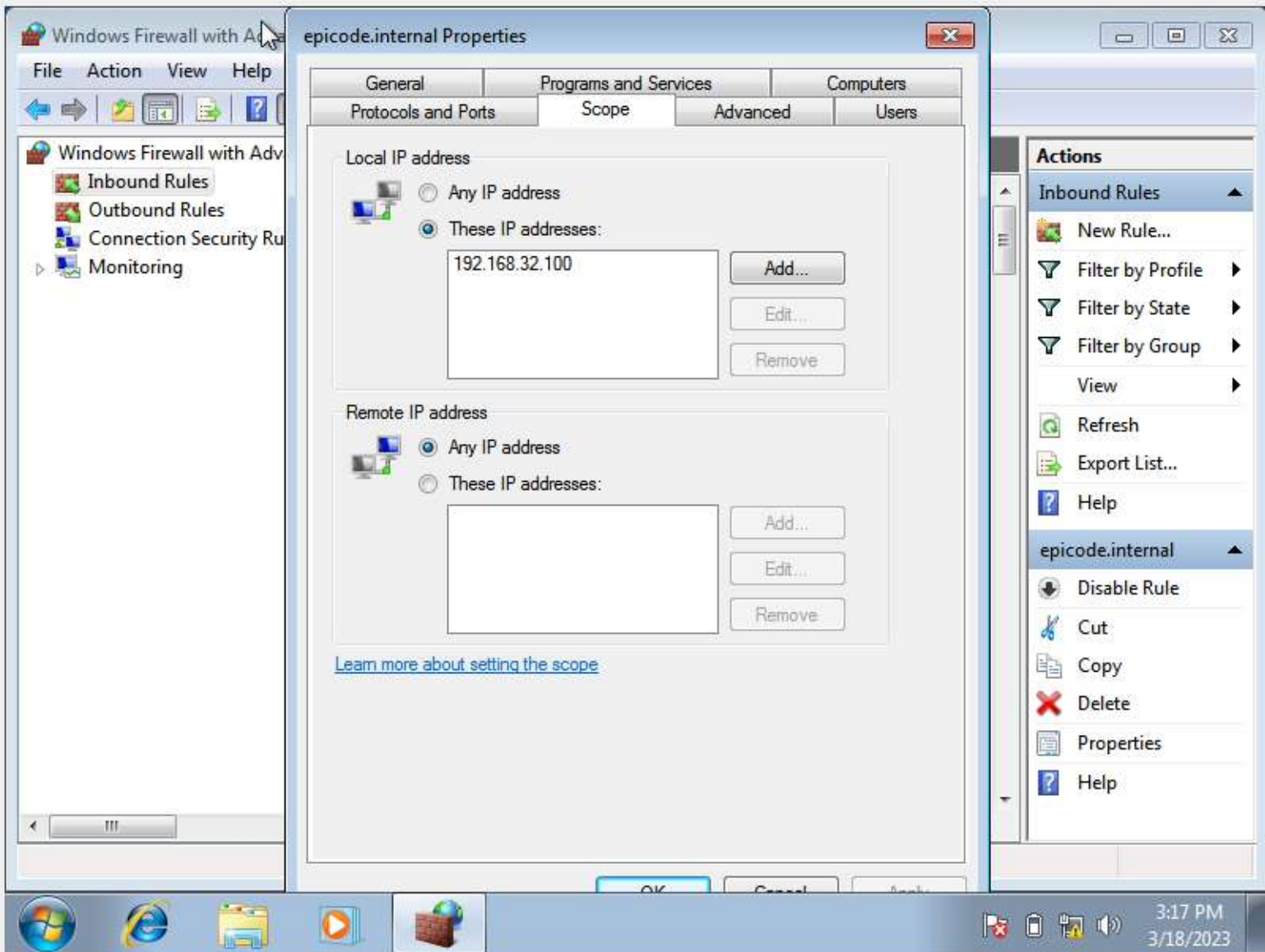
(mattiadesimej@kali)~

\$









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File Macchina Visualizza Inserimento Dispositivi Aiuto

1 2 3 4

mattiadesimej@kali: ~

File Azioni Modifica Visualizza Aiuto

GNU nano 6.4 /etc/inetsim/inetsim.conf

```
#####
#####
# Main configuration
#####

#####
# start_service
#
# The services to start
#
# Syntax: start_service <service name>
#
# Default: none
#
# Available service names are:
# dns, http, smtp, pop3, tftp, ftp, ntp, time_tcp,
# time_udp, daytime_tcp, daytime_udp, echo_tcp,
# echo_udp, discard_tcp, discard_udp, quotd_tcp,
# quotd_udp, chargen_tcp, chargen_udp, finger,
# ident, syslog, dummy_tcp, dummy_udp, smtps, pop3s,
# ftps, irc, https
#
start_service dns
start_service http
start_service https
#start_service smtp
#start_service smtps
#start_service pop3
#start_service pop3s
```

^G Help ^O Salva ^W Cerca ^K Cut ^T Execute ^C Location M-U Annulla M-A Set Mark M-I Parentesi M-Q Precedente
^X Esci ^R Inserisci ^N Sostituisci ^U Paste ^J Giustifica ^_ Val a riga M-E Ripeti M-6 Copy ^Q Cerca Ind. M-W Successiva

CTRL (DESTRA)

Kali Linux [In esecuzione] - Oracle VM VirtualBox

File Macchina Visualizza Inserimento Dispositivi Aiuto

1 2 3 4

15:23

mattiadesimej@kali: ~

File Azioni Modifica Visualizza Aiuto

GNU nano 6.4 /etc/inetsim/inetsim.conf

```
#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
#
# Syntax: service_bind_address <IP address>
#
# Default: 127.0.0.1
#
Service_bind_address 192.168.32.100

#####
# service_run_as_user
#
# User to run services
#
# Syntax: service_run_as_user <username>
#
# Default: inetsim
#
#service_run_as_user nobody

#####

^G Help      ^C Salva     ^W Cerca     ^K Cut       ^T Execute   ^C Location  M-U Annulla  M-A Set Mark  M-] Parentesi  M-Q Precedente
^X Esci      ^R Inserisci ^N Sostituisci ^U Paste     ^D Giustifica ^/ Vai a riga M-E Ripeti   M-B Copy      ^Q Cerca Ind.  M-W Successiva
```

CTRL (DESTRA)

Kali Linux [In esecuzione] - Oracle VM VirtualBox

File Macchina Visualizza Inserimento Dispositivi Aiuto

1 2 3 4

mattiadesimej@kali: ~

File Azioni Modifica Visualizza Aiuto

GNU nano 6.4 /etc/inetsim/inetsim.conf

```
# Default: 53
#
#dns_bind_port 53

#####
# dns_default_ip
#
# Default IP address to return with DNS replies
#
# Syntax: dns_default_ip <IP address>
#
# Default: 127.0.0.1
#
dns_default_ip 192.168.32.100

#####
# dns_default_hostname
#
# Default hostname to return with DNS replies
#
# Syntax: dns_default_hostname <hostname>
#
# Default: www
#
#dns_default_hostname somehost
#
```

Help Esci Salva Inserisci Cerca Sostituisci Cut Paste Execute Giustifica Location Vai a riga Annulla Ripeti Set Mark Copy Parentesi Cerca Ind. Precedente Successiva

```
Kali Linux [In esecuzione] - Oracle VM VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto
1 2 3 4
mattiadesimei@kali: ~
File Azioni Modifica Visualizza Aiuto
(mattiadesimei@kali)~$ sudo inetsim
[sudo] password di mattiadesimei:
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.
Configuration file parsed successfully.
== InetSim main process started (PID 1620) ==
Session ID: 1620
Listening on: 192.168.32.100
Real Date/Time: 2023-03-18 15:33:35
Fake Date/Time: 2023-03-18 15:33:35 (Delta: 0 seconds)
Forking services ...
* dns_53_tcp_udp - started (PID 1662)
* http_80_tcp - started (PID 1663)
* https_443_tcp - started (PID 1664)
done.
Simulation running.
```



Recycle Bin

CA: Command Prompt

Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\vboxuser>ping 192.168.32.100

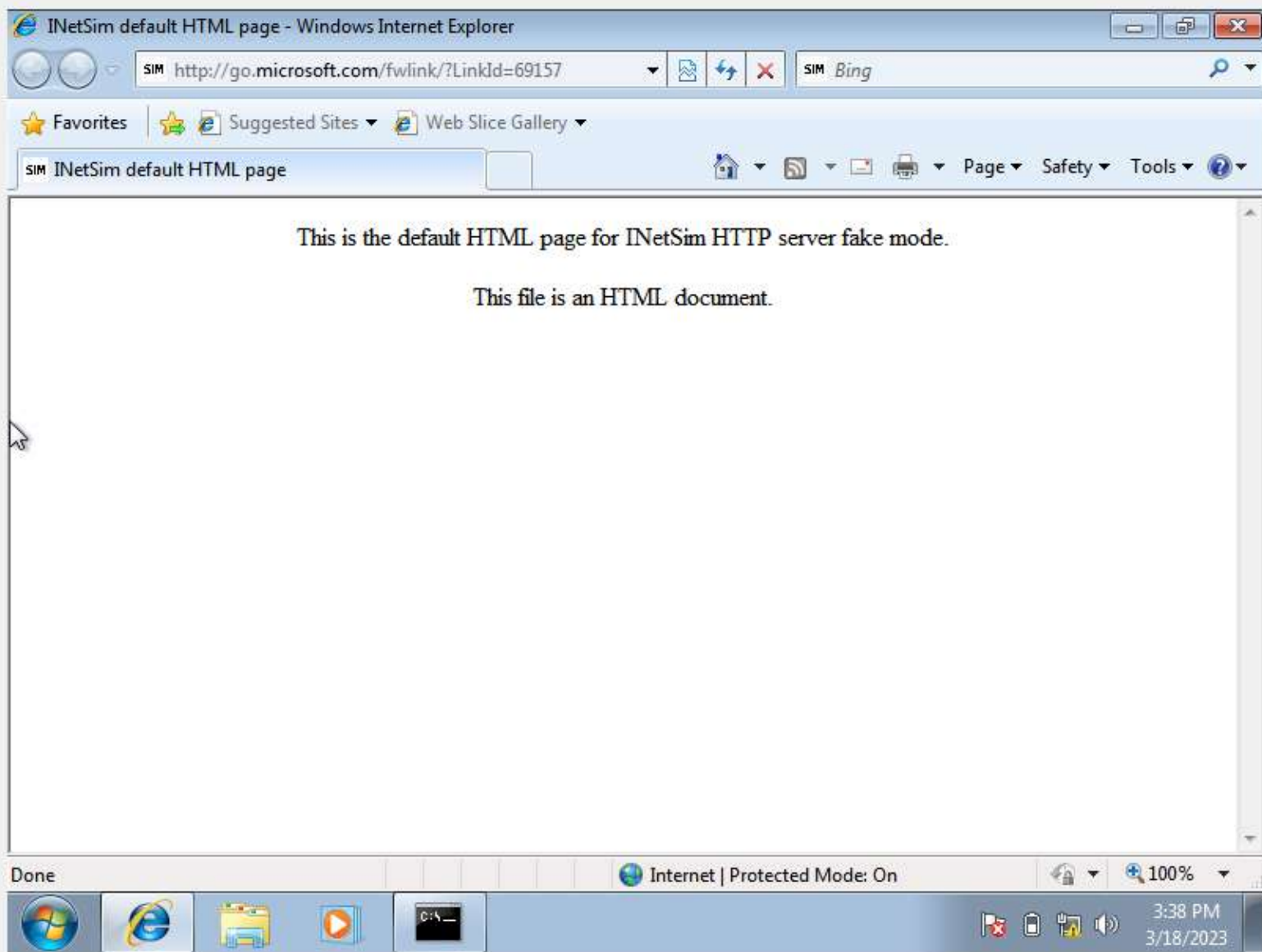
Pinging 192.168.32.100 with 32 bytes of data:
Reply from 192.168.32.100: bytes=32 time=1ms TTL=64
Reply from 192.168.32.100: bytes=32 time=1ms TTL=64
Reply from 192.168.32.100: bytes=32 time=1ms TTL=64
Reply from 192.168.32.100: bytes=32 time<1ms TTL=64

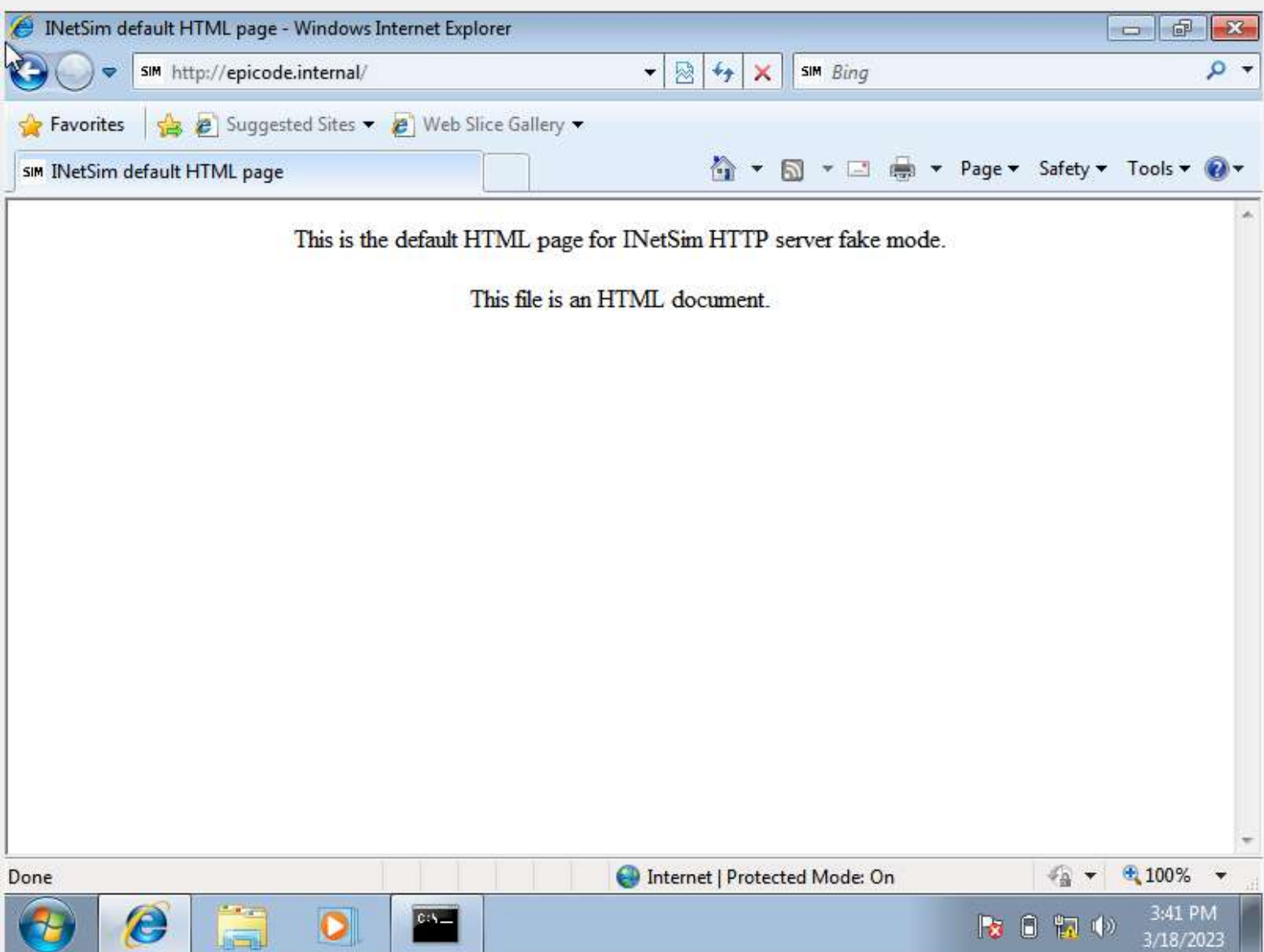
Ping statistics for 192.168.32.100:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\Users\vboxuser>



3:37 PM
3/18/2023





Kali Linux [In esecuzione] - Oracle VM VirtualBox

File Macchina Visualizza Inserimento Dispositivi Auto

Cattura da eth0

File Modifica Visualizza Vai Cattura Analizza Statistiche Telefonj Wireless Strumenti Aiuto

Applica un filtro di visualizzazione ... <Ctrl-/>

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000000	PcsCompu_b3:25:96	Broadcast	ARP	60	who has 192.168.32.100? Tell 192.168.32.101
2	0.000018600	PcsCompu_71:7e:d1	PcsCompu_b3:25:96	ARP	42	192.168.32.100 is at 08:00:27:71:7e:d1
3	0.000407256	192.168.32.101	192.168.32.100	TCP	66	49159 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM
4	0.000438919	192.168.32.100	192.168.32.101	TCP	60	80 → 49159 [SYN, ACK] Seq=0 Ack=1 Win=64240 Len=0 MSS=1460 SACK_PERM...
5	0.001036246	192.168.32.101	192.168.32.100	TCP	60	49159 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0
6	0.001493627	192.168.32.101	192.168.32.100	HTTP	360	GET /fwlink/?LinkId=69157 HTTP/1.1
7	0.001590720	192.168.32.100	192.168.32.101	TCP	54	80 → 49159 [ACK] Seq=1 Ack=307 Win=64128 Len=0
8	0.037480235	192.168.32.100	192.168.32.101	TCP	204	80 → 49159 [PSH, ACK] Seq=1 Ack=307 Win=64128 Len=150 [TCP segment o...
9	0.043809869	192.168.32.100	192.168.32.101	HTTP	312	HTTP/1.1 200 OK (text/html)
10	0.045483941	192.168.32.101	192.168.32.100	TCP	60	49159 → 80 [ACK] Seq=307 Ack=410 Win=65292 Len=0
11	0.047426607	192.168.32.101	192.168.32.100	TCP	60	49159 → 80 [FIN, ACK] Seq=307 Ack=410 Win=65292 Len=0
12	0.047454851	192.168.32.100	192.168.32.101	TCP	54	80 → 49159 [ACK] Seq=410 Ack=308 Win=64128 Len=0

Frame 1: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0
Ethernet II, Src: PcsCompu_b3:25:96 (08:00:27:b3:25:96), Dst: Broadcast
Address Resolution Protocol (request)

eth0: <live capture in progress>

Pacchetti: 119 - visualizzati: 119 (100.0%) Profilo: Default

Kali Linux [in esecuzione] - Oracle VM VirtualBox

File Macchina Visualizza Inserimento Dispositivi Aiuto

Cattura da eth0

Emulatore di terminale
Usa la linea di comando

File Modifica Visualizza Statistiche Telefonica Wireless Strumenti Aiuto

Applica un filtro di visualizzazione ... <Ctrl-/>

No.	Time	Source	Destination	Protocol	Length	Info
124	159.895749403	192.168.32.100	192.168.32.101	TCP	66	80 → 49165 [SYN, ACK] Seq=0 Ack=1 Win=64240 Len=0 MSS=1460 SACK_PERM...
125	159.896096514	192.168.32.101	192.168.32.100	TCP	60	49165 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0
126	159.896096730	192.168.32.101	192.168.32.100	HTTP	360	GET /fwlink/?LinkId=69157 HTTP/1.1
127	159.896142170	192.168.32.100	192.168.32.101	TCP	54	80 → 49165 [ACK] Seq=1 Ack=307 Win=64128 Len=0
128	159.895272775	192.168.32.100	192.168.32.101	TCP	204	80 → 49165 [PSH, ACK] Seq=1 Ack=307 Win=64128 Len=150 [TCP segment o...
129	159.941854819	192.168.32.100	192.168.32.101	HTTP	312	HTTP/1.1 200 OK (text/html)
130	159.942168415	192.168.32.101	192.168.32.100	TCP	60	49165 → 80 [ACK] Seq=307 Ack=410 Win=65292 Len=0
131	159.968991949	192.168.32.101	192.168.32.100	TCP	60	49165 → 80 [FIN, ACK] Seq=307 Ack=410 Win=65292 Len=0
132	159.969014294	192.168.32.100	192.168.32.101	TCP	54	80 → 49165 [ACK] Seq=410 Ack=308 Win=64128 Len=0
133	164.990944356	PcsCompu_71:7e:d1	PcsCompu_b3:25:96	ARP	42	Who has 192.168.32.101? Tell 192.168.32.100
134	164.991239134	PcsCompu_b3:25:96	PcsCompu_71:7e:d1	ARP	60	192.168.32.101 is at 08:00:27:b3:25:96

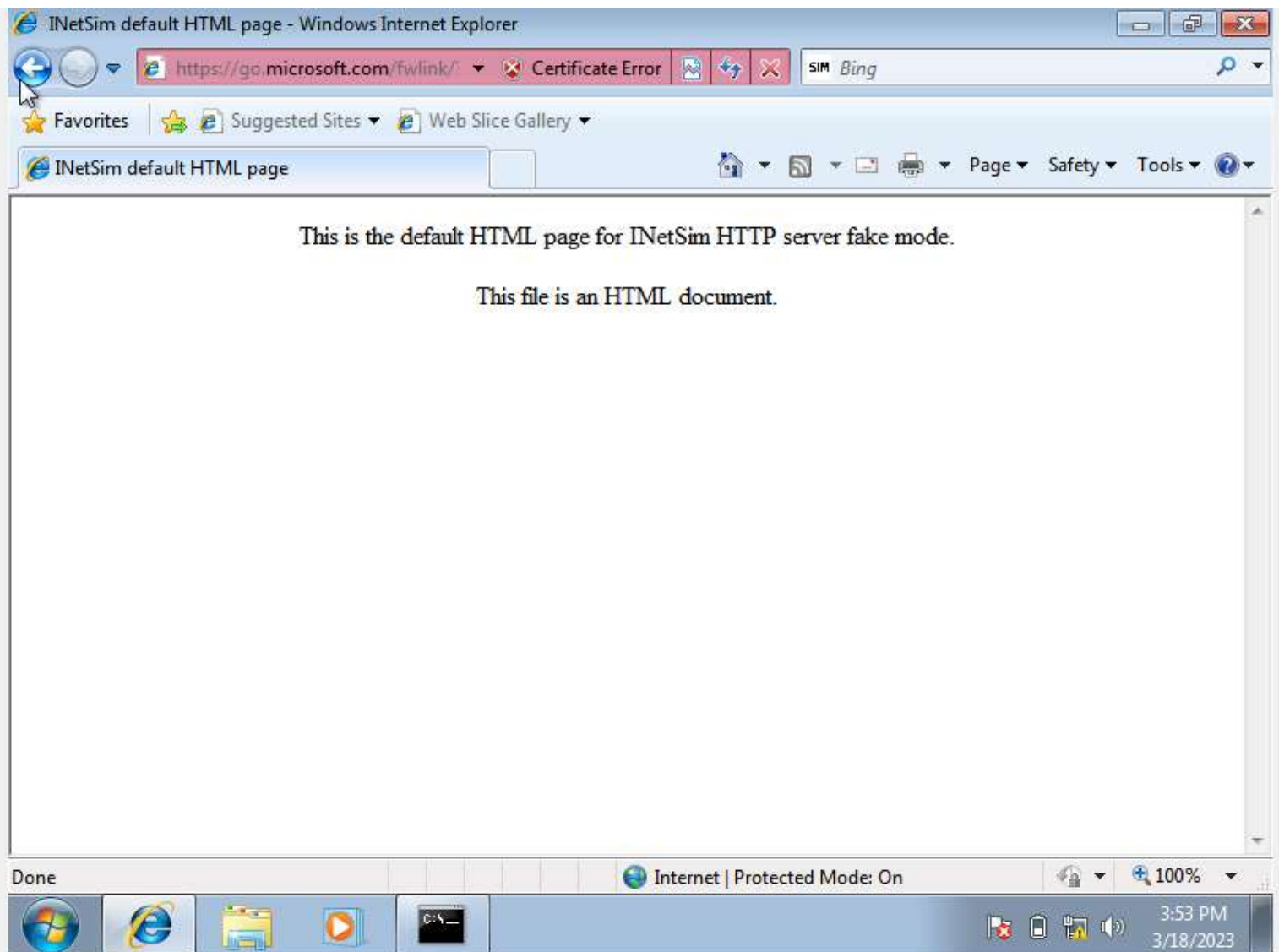
Frame 1: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface eth0
Ethernet II, Src: PcsCompu_b3:25:96 (08:00:27:b3:25:96), Dst: Broadcast
Address Resolution Protocol (request)

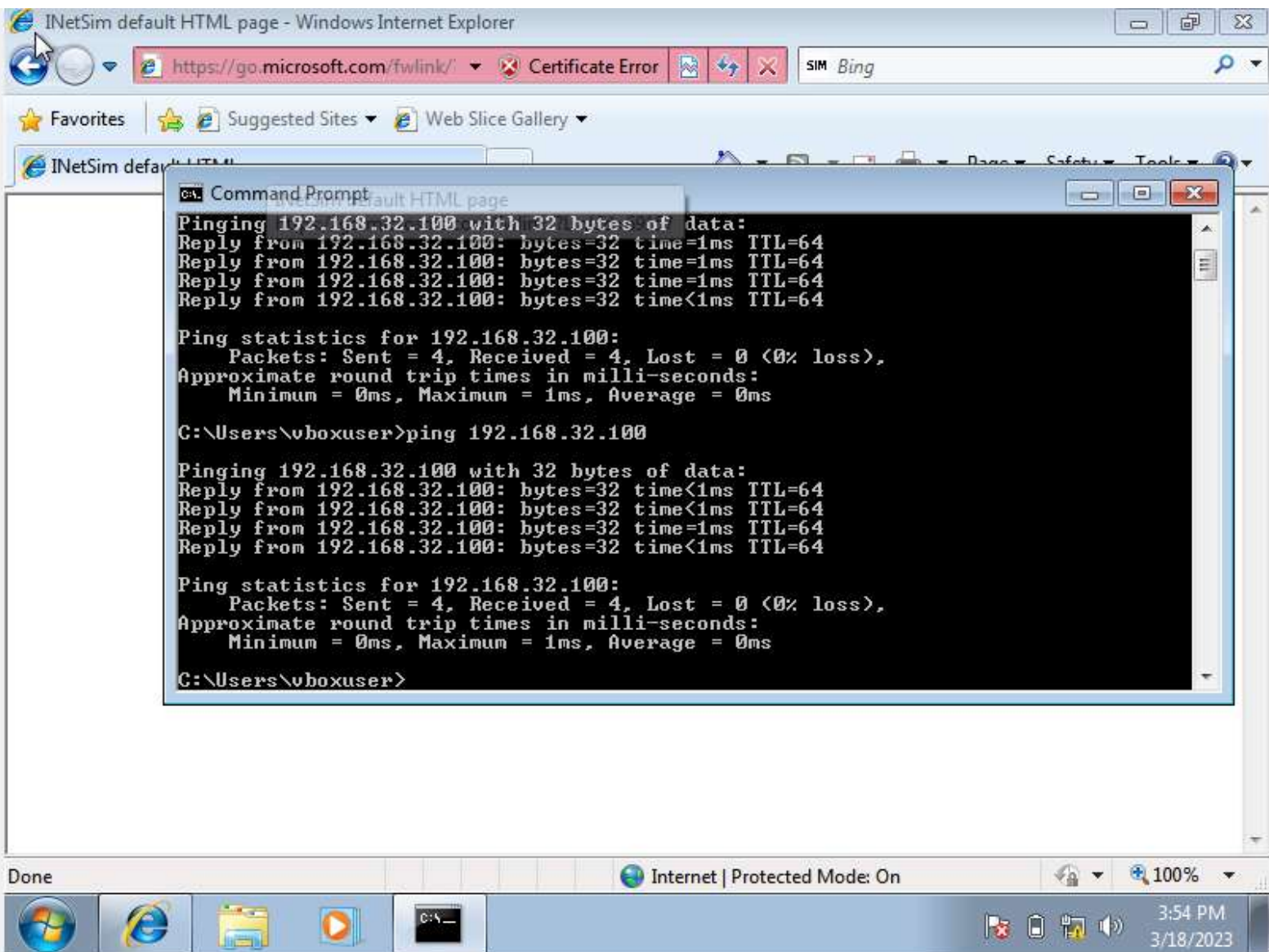
eth0: <live capture in progress>

Pacchetti: 134 - visualizzati: 134 (100.0%)

Profilo: Default

CTRL (DESTRA)





Kali Linux [In esecuzione] - Oracle VM VirtualBox

File Macchina Visualizza Inserimento Dispositivi Aiuto

Cattura da eth0

File Modifica Visualizza Vai Cattura Analizza Statistiche Telefonia Wireless Strumenti Aiuto

Applica un filtro di visualizzazione ... <Ctrl-/>

No.	Time	Source	Destination	Protocol	Length	Info
267	57.089007487	192.168.32.100	192.168.32.101	TLSv1	235	Application Data
268	57.101938777	192.168.32.100	192.168.32.101	TLSv1	384	Application Data, Encrypted Alert
269	57.102845668	192.168.32.101	192.168.32.100	TCP	60	49192 → 443 [ACK] Seq=749 Ack=1891 Win=65700 Len=0
270	57.103377573	192.168.32.101	192.168.32.100	TCP	60	49192 → 443 [FIN, ACK] Seq=749 Ack=1891 Win=65700 Len=0
271	57.103423665	192.168.32.100	192.168.32.101	TCP	54	443 → 49192 [ACK] Seq=1891 Ack=750 Win=64128 Len=0
272	63.337737050	fe80::b8a7:265c:dc5...	ff02::1:2	DHCPv6	150	Solicit XID: 0x122a4f CID: 000100012b8b3d12080027b32596
273	64.331003273	fe80::b8a7:265c:dc5...	ff02::1:2	DHCPv6	150	Solicit XID: 0x122a4f CID: 000100012b8b3d12080027b32596
274	66.332258676	fe80::b8a7:265c:dc5...	ff02::1:2	DHCPv6	150	Solicit XID: 0x122a4f CID: 000100012b8b3d12080027b32596
275	70.335213771	fe80::b8a7:265c:dc5...	ff02::1:2	DHCPv6	150	Solicit XID: 0x122a4f CID: 000100012b8b3d12080027b32596
276	78.341826134	fe80::b8a7:265c:dc5...	ff02::1:2	DHCPv6	150	Solicit XID: 0x122a4f CID: 000100012b8b3d12080027b32596
277	94.346504272	fe80::b8a7:265c:dc5...	ff02::1:2	DHCPv6	150	Solicit XID: 0x122a4f CID: 000100012b8b3d12080027b32596

Frame 1: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface eth0

Ethernet II, Src: PcsCompu_b3:25:96 (08:00:27:b3:25:96), Dst: PcsCompu_7:...

Internet Protocol Version 4, Src: 192.168.32.101, Dst: 192.168.32.100

Transmission Control Protocol, Src Port: 49183, Dst Port: 80, Seq: 0, Len: 0

0000 08 00 27 71 7e d1 08 00 27 b3 25 96 08 00 45 00 ...q...%...E

0010 00 34 01 d1 40 00 80 66 36 d9 c0 a8 20 65 c0 a8 ...4...6...e

0020 20 64 c0 1f 00 50 77 c4 e1 af 00 00 00 00 80 02 ...d...Pw...e

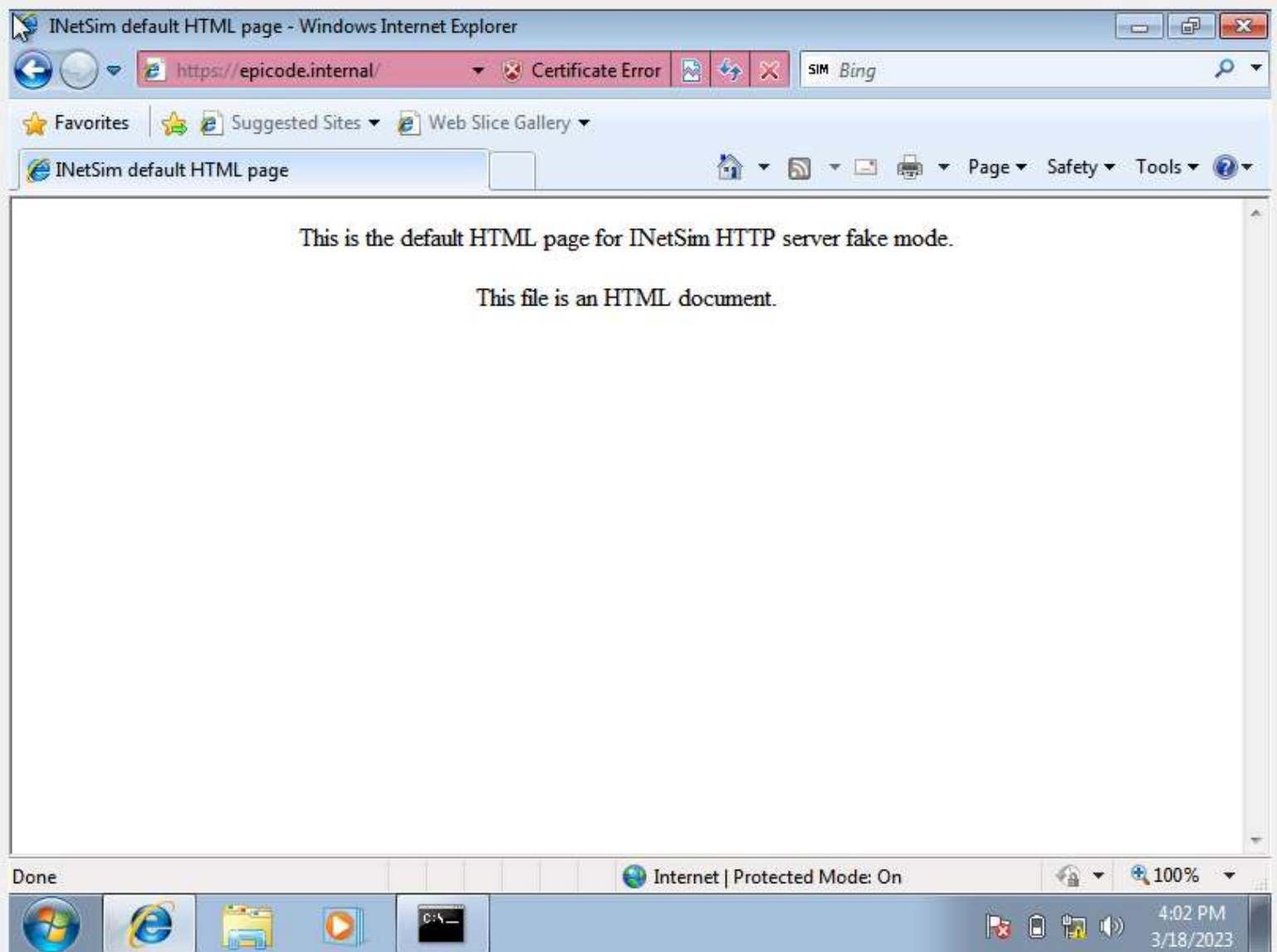
0030 20 00 73 18 00 00 02 64 05 b4 01 03 03 02 01 01 ...s... ..

0040 04 02

eth0: <live capture in progress>

Pacchetti: 277 - visualizzati: 277 (100.0%)

Profilo: Default



Kali Linux [in esecuzione] - Oracle VM VirtualBox

File Macchina Visualizza Inserimento Dispositivi Aiuto

Cattura da eth0

File Modifica Visualizza Vai Cattura Analizza Statistiche Telefonja Wireless Strumenti Aiuto

Applica un filtro di visualizzazione ... <Ctrl-/>

No.	Time	Source	Destination	Protocol	Length	Info
339	69.932038871	192.168.32.100	192.168.32.101	TCP	54	80 → 49211 [ACK] Seq=1 Ack=218 Win=64128 Len=0
340	69.978977902	192.168.32.100	192.168.32.101	TCP	204	80 → 49211 [PSH, ACK] Seq=1 Ack=218 Win=64128 Len=150 [TCP segment o...
341	69.985774990	192.168.32.100	192.168.32.101	HTTP	312	HTTP/1.1 200 OK (text/html)
342	69.986265244	192.168.32.101	192.168.32.100	TCP	60	49211 → 80 [ACK] Seq=218 Ack=410 Win=65280 Len=0
343	69.986434809	192.168.32.101	192.168.32.100	TCP	60	49211 → 80 [FIN, ACK] Seq=218 Ack=410 Win=65280 Len=0
344	69.986458279	192.168.32.100	192.168.32.101	TCP	54	80 → 49211 [ACK] Seq=410 Ack=219 Win=64128 Len=0
345	69.995423432	192.168.32.101	192.168.32.100	TCP	60	49208 → 443 [FIN, ACK] Seq=264 Ack=1379 Win=64320 Len=0
346	69.995564827	192.168.32.100	192.168.32.101	TLSv1	91	Encrypted Alert
347	69.996176807	192.168.32.101	192.168.32.100	TCP	60	49208 → 443 [RST, ACK] Seq=265 Ack=1416 Win=0 Len=0
348	132.497342339	fe80::b8a7:265c:dc5...	ff02::1:2	DHCPv6	150	Solicit XID: 0x661e47 CID: 000100012b8b3d12080027b32596
349	133.492892249	fe80::b8a7:265c:dc5...	ff02::1:2	DHCPv6	150	Solicit XID: 0x661e47 CID: 000100012b8b3d12080027b32596

Frame 1: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on in
Ethernet II, Src: PcsCompu_b3:25:96 (08:00:27:b3:25:96), Dst: Broadcast
Address Resolution Protocol (request)

eth0: <live capture in progress>

Pacchetti: 349 - visualizzati: 349 (100.0%)

Profilo: Default