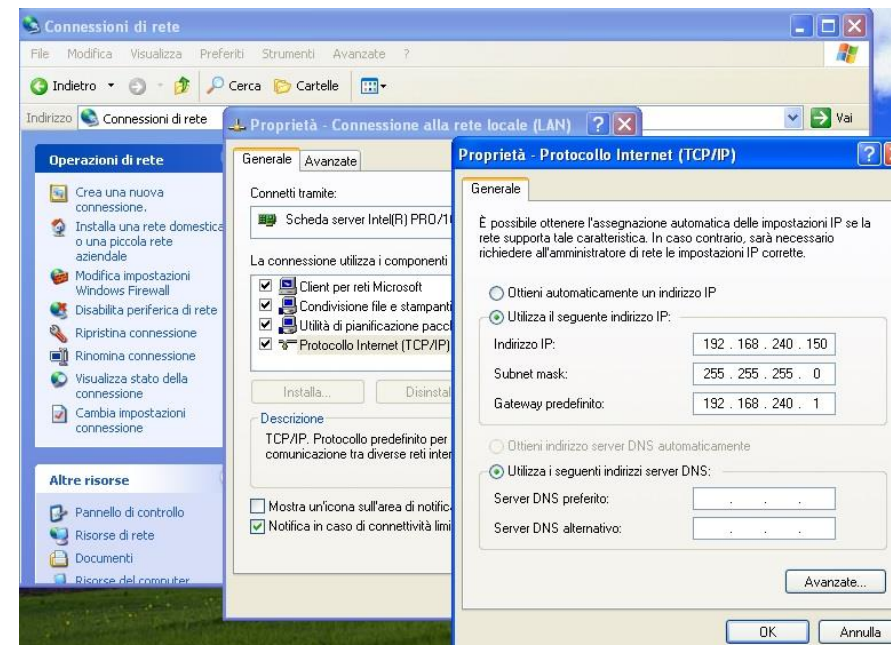
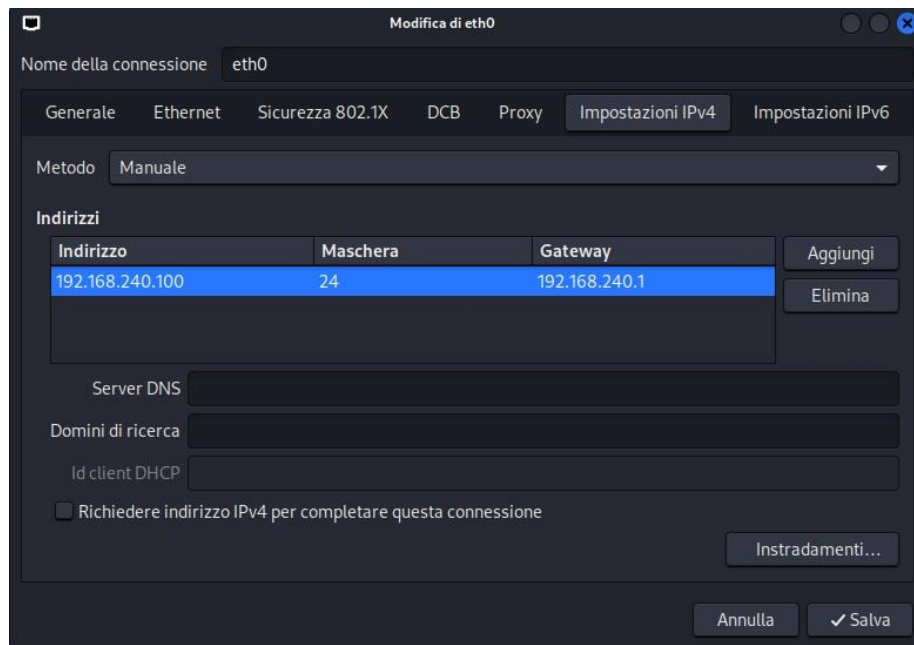


Security Operation

azioni preventive



```

kali@kali: ~
File Azioni Modifica Visualizza Aiuto

(kali@kali)~$ ping -c 3 192.168.11.112
PING 192.168.11.112 (192.168.11.112) 56(84) bytes of data:
64 bytes from 192.168.11.112: icmp_seq=1 ttl=64 time=0.793 ms
64 bytes from 192.168.11.112: icmp_seq=2 ttl=64 time=0.645 ms
64 bytes from 192.168.11.112: icmp_seq=3 ttl=64 time=0.672 ms

— 192.168.11.112 ping statistics —
3 packets transmitted, 3 received, 0% packet loss, time 2042ms
rtt min/avg/max/mdev = 0.645/0.703/0.793/0.064 ms

(kali@kali)~$

```

Security Operation

Ai fini della dimostrazione si configura la VM Kali con il seguente IP: 192.168.240.100 e, la VM Windows XP, con il seguente IP: 192.168.240.150 .

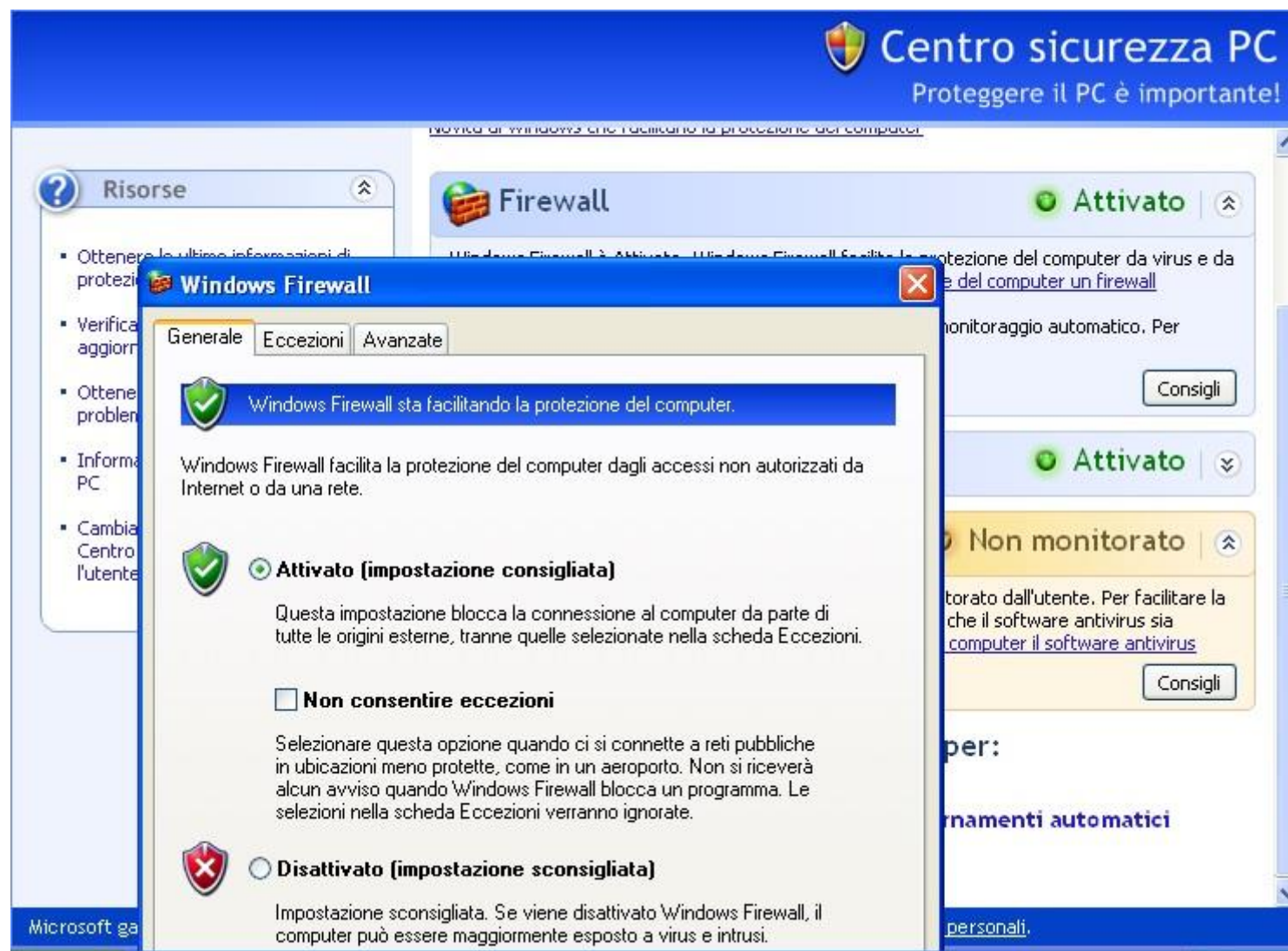
Dalla VM Kali, digitando nel terminale il comando: *ping -c 3 192.168.240.150*, si verifica lo stato della connessione tra la VM Kali e la VM Windows XP.

```
kali@kali: ~  
File Azioni Modifica Visualizza Aiuto  
  
(kali@kali)-[~]  
$ nmap -sV 192.168.240.150 -o report1  
Starting Nmap 7.93 ( https://nmap.org ) at 2022-12-19 14:38 CET  
Nmap scan report for 192.168.240.150  
Host is up (0.00089s latency).  
Not shown: 997 closed tcp ports (conn-refused)  
PORT      STATE SERVICE      VERSION  
135/tcp   open  msrpc        Microsoft Windows RPC  
139/tcp   open  netbios-ssn  Microsoft Windows netbios-ssn  
445/tcp   open  microsoft-ds Microsoft Windows XP microsoft-ds  
Service Info: OSs: Windows, Windows XP; CPE: cpe:/o:microsoft:windows, cpe:/o:microsoft:windows_xp  
  
Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .  
Nmap done: 1 IP address (1 host up) scanned in 21.72 seconds  
  
(kali@kali)-[~]  
$
```

```
~/report1 - Mousepad  
File Modifica Cerca Visualizza Documento Aiuto  
  
1 # Nmap 7.93 scan initiated Mon Dec 19 14:38:17 2022 as: nmap -sV -o report1 192.168.240.150  
2 Nmap scan report for 192.168.240.150  
3 Host is up (0.00089s latency).  
4 Not shown: 997 closed tcp ports (conn-refused)  
5 PORT      STATE SERVICE      VERSION  
6 135/tcp   open  msrpc        Microsoft Windows RPC  
7 139/tcp   open  netbios-ssn  Microsoft Windows netbios-ssn  
8 445/tcp   open  microsoft-ds Microsoft Windows XP microsoft-ds  
9 Service Info: OSs: Windows, Windows XP; CPE: cpe:/o:microsoft:windows, cpe:/o:microsoft:windows_xp  
10  
11 Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .  
12 # Nmap done at Mon Dec 19 14:38:39 2022 -- 1 IP address (1 host up) scanned in 21.72 seconds  
13
```

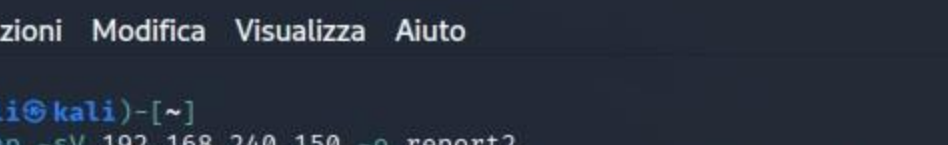
Security Operation

Dalla VM Kali, digitando nel terminale il comando: `nmap -sV 192.168.240.150 -o report1`, si effettua una scansione sulla VM Windows XP (con il Firewall disabilitato), con il salvataggio nel file `report1`, l'output, mostrando i servizi e le relative porte aperte.



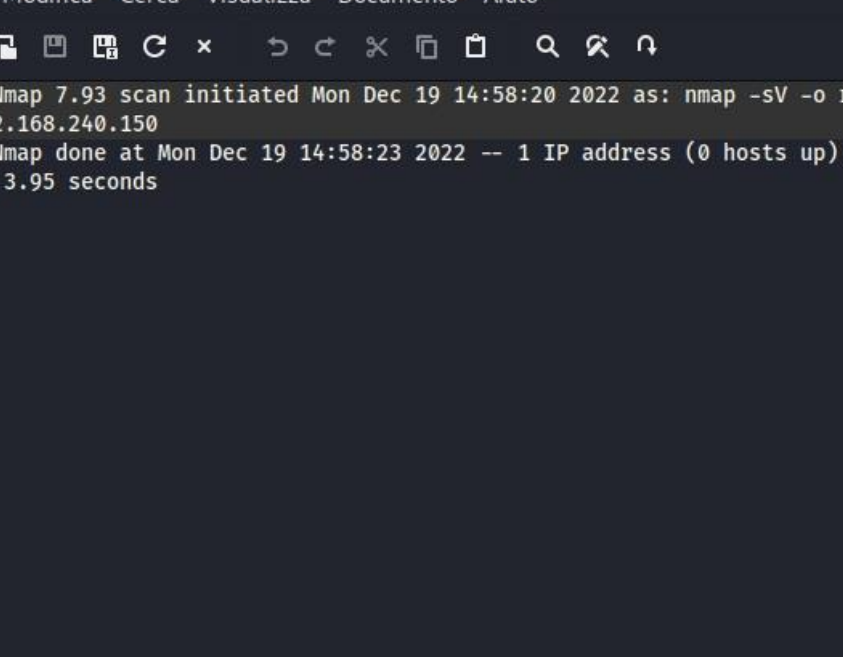
Security Operation

Dalla VM Windows XP, dal Centro sicurezza PC, nel pannello di Controllo, si abilita il Firewall.



The screenshot shows a Kali Linux terminal window with the title bar "kali@kali: ~". The menu bar includes "File", "Azioni", "Modifica", "Visualizza", and "Aiuto". The terminal content shows a user prompt "(kali@kali)-[~]" followed by the command "\$ nmap -sV 192.168.240.150 -o report2". The output indicates that Nmap 7.93 is running at 2022-12-19 14:58 CET, notes that the host seems down, and reports that 1 IP address was scanned in 3.95 seconds. The prompt returns to "(kali@kali)-[~]" with a new "\$" prompt.

```
kali@kali: ~  
File Azioni Modifica Visualizza Aiuto  
  
(kali@kali)-[~]  
$ nmap -sV 192.168.240.150 -o report2  
Starting Nmap 7.93 ( https://nmap.org ) at 2022-12-19 14:58 CET  
Note: Host seems down. If it is really up, but blocking our ping probes,  
try -Pn  
Nmap done: 1 IP address (0 hosts up) scanned in 3.95 seconds  
  
(kali@kali)-[~]  
$
```



The screenshot shows a terminal window with a dark background. The title bar at the top reads "~/.report2 - Mousepad". The menu bar includes "File", "Modifica", "Cerca", "Visualizza", "Documento", and "Aiuto". The toolbar contains icons for file operations (new, open, save, print, etc.) and editing (undo, redo, cut, copy, paste, find, etc.). The terminal output is as follows:

```
1 # Nmap 7.93 scan initiated Mon Dec 19 14:58:20 2022 as: nmap -sV -o report2
192.168.240.150
2 # Nmap done at Mon Dec 19 14:58:23 2022 -- 1 IP address (0 hosts up) scanned
in 3.95 seconds
3
```

Security Operation

Dalla VM Kali, digitando nel terminale il comando: `nmap -sV 192.168.240.150 -o report2`, si effettua una scansione sulla VM Windows XP (con il Firewall abilitato), con il salvataggio nel file report2, l'output, privo di servizi e relative porte, a causa del blocco del Firewall.