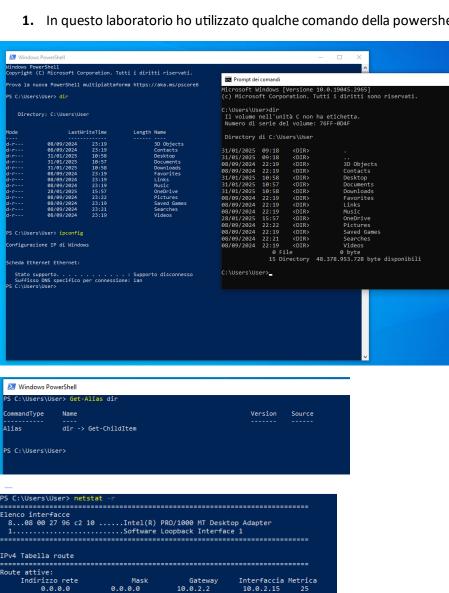
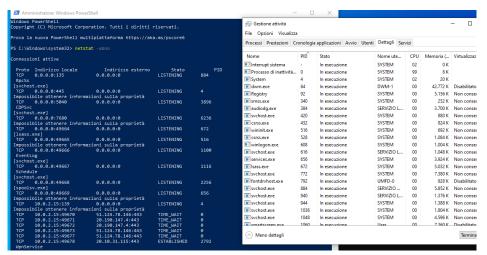
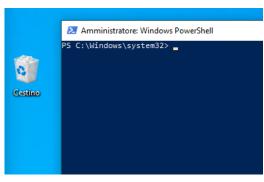
# **Progetto S11L5**

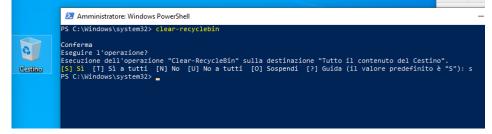
1. In questo laboratorio ho utilizzato qualche comando della powershell di windows



```
Gateway
10.0.2.2
On-link
On-link
On-link
On-link
On-link
On-link
On-link
On-link
On-link
                                                                                                                                                                     25
281
281
281
331
331
331
331
281
281
 IPv6 Tabella route
                                            .....
   oute attive:
Interf Metrica Rete Destinazione
          erf Metrica Rete Destinazione Gatew
281 ::/0 fe80::2
331 ::1/128 On-link
281 fd00::/64 On-link
281 fd00::7525:4ee4:9c1a:bbf4/128
On-link
281 fd00::f1b3:4604:1737:425e/128
On-link
281 fe80::/64 On-link
281 fe80::/64 On-link
381 fe80::7de5:ce64:b266:fed3/128
On-link
331 ff00::/8 On-link
281 ff80::/8 On-link
                                                                                           Gateway
  Route permanenti:
Nessuna
PS C:\Users\User> _
```

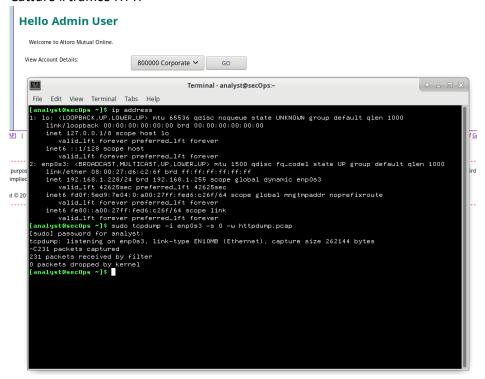




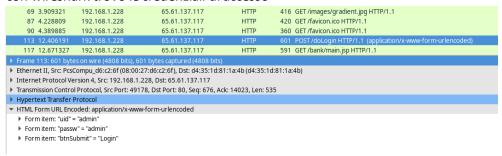


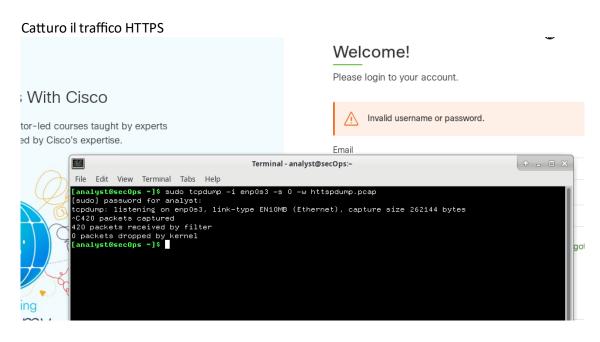
2. In questo laboratorio catturo il traffico di rete con wireshark per un sito http ed uno HTTPS

#### Catturo il traffico HTTP

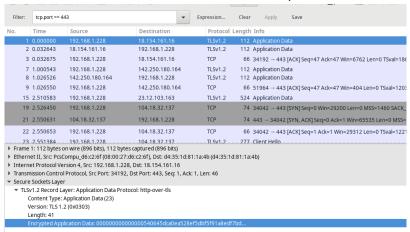


#### con wireshark trovo le credenziali di accesso





# Con wireshark vediamo che la connessione è criptata



0040 39 70 17 03 03 00 29 00 00 00 00 00 00 00 05 40 9p...) ... 0050 64 5d ca 0e a5 28 ef 5d bf 5f 91 a8 ed f7 bd f6 d]...(.] .\_..... 3. In questo laboratorio lavoriamo con nmap

# Apro il manuale di nmap

```
Terminal-analyst@secOps:-

File Edit View Terminal Tabs Help

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 Nnap scan

# nnap -A -T4 scanne.nnap.org

Nnap scan report for scanne.nmap.org (74.207.244.221)

Host is up (0.029s latency).

rONS record for 74.207.244.221: li86-221.members.linode.com

Not shown: 995 closed ports

PORT STATE SERVICE VERSION

22/top open ssh OpenSSH 5.391 Debian 3ubuntu7 (protocol 2.0)

Lashpostaver 10.24 824.660.151.2-ccas b7.381.90.657.54.901.69.401.99.404 (DSA)
```

# scansiono la mia macchina e trovo delle porte aperte

## Con questo comando scansiono l'intera rete

```
[analyst@secOps | 7

[analyst@secOps ~]$ nmap -A -T4 192.168.1.0/24

Starting Nmap 7.70 ( https://nmap.org ) at 2025-01-31 05:57 EST

Nmap scan report for 192.168.1.1

Host is up (0.0049s latency).
```

### Con nmap possiamo scansionare anche siti web

```
[analyst@secOps 7]$ nmap -A -T4 scanme.nmap.org
Starting Nmap 7.70 ( https://nmap.org ) at 2028-01-31 06:07 EST
Nmap scan report for scanme.nmap.org (48.33.32.156)
Host is up (0.173 latency).
Other addresses for scanme.nmap.org (not scanned): 2600:3c01::f03c:91ff:fe18:bb2f
Not shown: 984 closed ports
PORT STATE SERVICE VERSION
9/tcp filtered discard
22/tcp open ssh OpenSSH 6.6.1p1 Ubuntu 2ubuntu2.13 (Ubuntu Linux; protocol 2.0)
1 sah-hostkey:
1 1024 ac:00:a0:ta:82:ff:cc:55:99:dc:67:2b:34:97:bb:75 (DSA)
2 2048 20:3d:22:44:62:2a:b0:fsa:9d:bb:30:51:41:26:b2 (PSA)
1 256 96:02:bb:5e:57:54:1c:4e:45:2f:56:4c:4a:24:b2:57 (ECDSA)
1 256 33:fa:91:0f:e0:e1:7b:1f:6d:05:a2:b0:f1:54:41:56 (ED25519)
80/tcp open http:
548/tcp filtered arp
1104/tcp filtered xrl
1164/ftcp filtered iom_unless_lan
2382/tcp filtered mes-olap3
5440/tcp filtered unknown
8082/tcp filtered unknown
8082/tcp filtered unknown
2031/tcp filtered unknown
8082/tcp filtered unknown
8082/tcp
```