1. Find all TCP ports on your target. Submit the total number of found TCP ports as the answer.

```bash

┌─[eu-academy-5]─[10.10.14.223]─[htb-ac-1522420@htb-muk1cve8f5]─[~]

└──╼ [★]$ nmap -p- 10.129.211.152

Starting Nmap 7.94SVN ( https://nmap.org ) at 2025-01-17 10:28 CST

Stats: 0:00:02 elapsed; 0 hosts completed (1 up), 1 undergoing SYN Stealth Scan

Nmap scan report for 10.129.211.152

Host is up (0.24s latency).

Not shown: 65528 closed tcp ports (reset)

PORT STATE SERVICE

22/tcp open ssh

80/tcp open http

110/tcp open pop3

139/tcp open netbios-ssn

143/tcp open imap

445/tcp open microsoft-ds

31337/tcp open Elite

```

Có 7 dịch vụ tcp

P/s:7

1. Enumerate the hostname of your target and submit it as the answer. (case-sensitive)

```bash

─[eu-academy-5]─[10.10.14.223]─[htb-ac-1522420@htb-muk1cve8f5]─[~]

└──╼ [★]$ nmap -sC -sV 10.129.211.152

Starting Nmap 7.94SVN ( https://nmap.org ) at 2025-01-17 10:40 CST

Stats: 0:01:01 elapsed; 0 hosts completed (1 up), 1 undergoing Service Scan

Nmap scan report for 10.129.211.152

Host is up (0.24s latency).

Not shown: 993 closed tcp ports (reset)

PORT STATE SERVICE VERSION

22/tcp open ssh OpenSSH 7.6p1 Ubuntu 4ubuntu0.7 (Ubuntu Linux; protocol 2.0)

| ssh-hostkey:

| 2048 71:c1:89:90:7f:fd:4f:60:e0:54:f3:85:e6:35:6c:2b (RSA)

| 256 e1:8e:53:18:42:af:2a:de:c0:12:1e:2e:54:06:4f:70 (ECDSA)

|\_ 256 1a:cc:ac:d4:94:5c:d6:1d:71:e7:39:de:14:27:3c:3c (ED25519)

80/tcp open http Apache httpd 2.4.29 ((Ubuntu))

|\_http-title: Apache2 Ubuntu Default Page: It works

|\_http-server-header: Apache/2.4.29 (Ubuntu)

110/tcp open pop3 Dovecot pop3d

|\_pop3-capabilities: AUTH-RESP-CODE PIPELINING RESP-CODES CAPA SASL TOP UIDL

139/tcp open netbios-ssn Samba smbd 3.X - 4.X (workgroup: WORKGROUP)

143/tcp open imap Dovecot imapd (Ubuntu)

|\_imap-capabilities: LOGIN-REFERRALS ENABLE IDLE more listed capabilities have LOGINDISABLEDA0001 post-login IMAP4rev1 ID OK SASL-IR Pre-login LITERAL+

445/tcp open netbios-ssn Samba smbd 4.7.6-Ubuntu (workgroup: WORKGROUP)

31337/tcp open ftp ProFTPD

Service Info: Host: NIX-NMAP-DEFAULT; OS: Linux; CPE: cpe:/o:linux:linux\_kernel

Host script results:

|\_clock-skew: mean: -20m00s, deviation: 34m37s, median: -1s

|\_nbstat: NetBIOS name: NIX-NMAP-DEFAUL, NetBIOS user: <unknown>, NetBIOS MAC: <unknown> (unknown)

| smb2-security-mode:

| 3:1:1:

|\_ Message signing enabled but not required

| smb2-time:

| date: 2025-01-17T16:41:56

|\_ start\_date: N/A

| smb-security-mode:

| account\_used: guest

| authentication\_level: user

| challenge\_response: supported

|\_ message\_signing: disabled (dangerous, but default)

| smb-os-discovery:

| OS: Windows 6.1 (Samba 4.7.6-Ubuntu)

| Computer name: nix-nmap-default

| NetBIOS computer name: NIX-NMAP-DEFAULT\x00

| Domain name: \x00

| FQDN: nix-nmap-default

|\_ System time: 2025-01-17T17:41:56+01:00

```

P/s : NIX-NMAP-DEFAULT