

1. Al escanear la maquina debian con nmap <IP_debian> obtenemos el siguiente resultado:

```
(kali㉿kali)-[~/scan-with-nmap-practice]
$ nmap 10.0.2.15
Starting Nmap 7.95 ( https://nmap.org ) at 2025-03-21 23:16 EDT
Nmap scan report for 10.0.2.15
Host is up (0.00088s latency).
Not shown: 997 filtered tcp ports (no-response)
PORT      STATE SERVICE
22/tcp    closed ssh
80/tcp    open  http
443/tcp   closed https
MAC Address: 08:00:27:D1:65:C7 (PCS Systemtechnik/Oracle VirtualBox virtual NIC)

Nmap done: 1 IP address (1 host up) scanned in 5.15 seconds
```

2. Al escanear la maquina debian con nmap -sV <IP_debian>:

```
(kali㉿kali)-[~/scan-with-nmap-practice]
$ nmap -sV 10.0.2.15
Starting Nmap 7.95 ( https://nmap.org ) at 2025-03-21 23:17 EDT
Nmap scan report for 10.0.2.15
Host is up (0.0011s latency).
Not shown: 997 filtered tcp ports (no-response)
PORT      STATE SERVICE VERSION
22/tcp    closed ssh
80/tcp    open  http      Apache httpd 2.4.62 ((Debian))
443/tcp   closed https
MAC Address: 08:00:27:D1:65:C7 (PCS Systemtechnik/Oracle VirtualBox virtual NIC)

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 11.35 seconds
```

3. Nmap -sV --script=vuln <IP_debian>:

```
(kali㉿kali)-[~/scan-with-nmap-practice]
$ nmap -sV --script=vuln 10.0.2.15
Starting Nmap 7.95 ( https://nmap.org ) at 2025-03-21 23:20 EDT
Nmap scan report for 10.0.2.15
Host is up (0.00088s latency).
Not shown: 997 filtered tcp ports (no-response)
PORT      STATE SERVICE VERSION
22/tcp    closed ssh
80/tcp    open  http      Apache httpd 2.4.62 ((Debian))
|_ http-dombased-xss: Couldn't find any DOM based XSS.
|_ http-server-header: Apache/2.4.62 (Debian)
|_ http-csrf: Couldn't find any CSRF vulnerabilities.
|_ http-stored-xss: Couldn't find any stored XSS vulnerabilities.
|_ http-enum:
|   /wordpress/: Blog
|   /wordpress/wp-login.php: Wordpress login page.
443/tcp   closed https
MAC Address: 08:00:27:D1:65:C7 (PCS Systemtechnik/Oracle VirtualBox virtual NIC)

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 43.00 seconds
```

Análisis

Los puertos 443 y 22 se encuentran cerrados.

El puerto 80 se encuentra abierto y es el utilizado para correr el servidor Apache, en HTTP (sin cifrado).

La versión de apache que esta corriendo es 2.4.62 para Debian.

Se buscan en distintas bases de datos públicas de vulnerabilidades:

- NVD (National Vulnerability Database): <https://nvd.nist.gov/>
- CVE Details: <https://www.cvedetails.com/>
- Exploit Database: <https://www.exploit-db.com/>
- Vulners: <https://vulners.com/>

En ninguna de las búsquedas se encontraron datos sobre vulnerabilidades documentadas para esta versión de Apache.