

RESULTADOS-INFORMES-TECNICOS: red del hogar

Primero hacemos un ifconfig para saber las diferentes IP de auditor y difucion y la mascara de sub red:

```
(kali㉿kali)-[~]
$ ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
      inet 192.168.0.1 brd 192.168.0.255 netmask 255.255.255.0
        broadcast 192.168.0.255
      inet6 fe80::421:1ff%eth0 brd fe80::ff:fe1%eth0 prefixlen 64 scopeid 0x20<link>
        link-layer: 00:0c:27:62:b1:05 brd ff:ff:ff:ff:ff:ff
```

direccion-ip-auditor: 192.168.0.1

mascara-de-subred: 255.255.255.0

direccion-ip-difucion: 192.168.0.1

Luego hacemos el calculo de los binarios para obtener el resultado de:

ROUTER, IP DE RED, PREFIJO DE RED CANTIDAD DE IP TOTALES Y ASIGNABLES Y CANTIDAD DE IP ACTIVAS.

router: 10.0.0.1

ip-id-red: 192.168.0.0

prefijo-red: /24

cantidad-ip-totales: 256 totales

cantidad-ip-asignables: 247 ip asignables

cantidad-ip-activas: 7

Ahora hacemos un sudo nmap -p- --open -vvv 10.0.0.0/24 para saber cuáles están vulnerables:

```
Session Actions Edit View Help
└─$ sudo nmap -p- --open -vvv 10.0.0.0/24
Starting Nmap 7.98 ( https://nmap.org ) at 2026-02-02 21:37 -0500
Initiating Ping Scan at 21:37
Scanning 256 hosts [4 ports/host]
Completed Ping Scan at 21:37, 6.08s elapsed (256 total hosts)
Initiating Parallel DNS resolution of 1 host. at 21:37
Completed Parallel DNS resolution of 1 host. at 21:37, 0.50s elapsed
DNS resolution of 1 IPs took 0.50s. Mode: Async [#: 2, OK: 0, NX: 1, DR: 0, S
F: 0, TR: 1, CN: 0]
Initiating SYN Stealth Scan at 21:37
Scanning 10.0.0.1 [65535 ports]
Stats: 0:00:32 elapsed; 255 hosts completed (1 up), 1 undergoing SYN Stealth
Scan
SYN Stealth Scan Timing: About 13.06% done; ETC: 21:41 (0:02:53 remaining)
Stats: 0:00:32 elapsed; 255 hosts completed (1 up), 1 undergoing SYN Stealth
Scan
SYN Stealth Scan Timing: About 13.62% done; ETC: 21:41 (0:02:45 remaining)
Stats: 0:00:46 elapsed; 255 hosts completed (1 up), 1 undergoing SYN Stealth
Scan
SYN Stealth Scan Timing: About 19.68% done; ETC: 21:41 (0:02:43 remaining)
SYN Stealth Scan Timing: About 34.37% done; ETC: 21:41 (0:02:25 remaining)
SYN Stealth Scan Timing: About 47.26% done; ETC: 21:41 (0:01:58 remaining)
SYN Stealth Scan Timing: About 59.43% done; ETC: 21:41 (0:01:33 remaining)
SYN Stealth Scan Timing: About 73.71% done; ETC: 21:41 (0:00:59 remaining)
Completed SYN Stealth Scan at 21:41, 220.51s elapsed (65535 total ports)
Read data files from: /usr/share/nmap
Nmap done: 256 IP addresses (1 host up) scanned in 227.23 seconds
  Raw packets sent: 132614 (5.823MB) | Rcvd: 1393 (55.672KB)
```

cantidad-ip-vulnerables: 1

cantidad-puertos-abiertos: 1

cantidad-servicios-vulnerables: 0

listado-ip-vulnerables:

1.

listado-puertos-abiertos:

1.

listado-servicios-vulnerables

1.