

## portScanner

```
(root@kali)-[~]
# sudo systemctl start ssh.service

(root@kali)-[~]
# sudo systemctl status ssh.service
● ssh.service - OpenBSD Secure Shell server
   Loaded: loaded (/lib/systemd/system/ssh.service; enabled; vendor preset: disabled)
   Active: active (running) since Tue 2021-08-31 13:51:37 CDT; 7s ago
     Docs: man:sshd(8)
           man:sshd_config(5)
   Process: 2355 ExecStartPre=/usr/sbin/sshd -t (code=exited, status=0/SUCCESS)
    Main PID: 2356 (sshd)
      Tasks: 1 (limit: 2295)
     Memory: 1.1M
        CPU: 28ms
    CGroup: /system.slice/ssh.service
           └─2356 sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups

ago 31 13:51:37 kali systemd[1]: Starting OpenBSD Secure Shell server ...
ago 31 13:51:37 kali sshd[2356]: Server listening on 0.0.0.0 port 22.
ago 31 13:51:37 kali sshd[2356]: Server listening on :: port 22.
ago 31 13:51:37 kali systemd[1]: Started OpenBSD Secure Shell server.

(root@kali)-[~]
#
```

---

```
root@kali: /home/poncho/Escritorio/pc/Scripts
Archivo Acciones Editar Vista Ayuda

(root@kali)-[/home/poncho/Escritorio/pc/Scripts]
# ./portScanner 192.168.1.197 20 25
22 open

(root@kali)-[/home/poncho/Escritorio/pc/Scripts]
#
```

## netScan

```
root@kali: /home/poncho/Escritorio/pc
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(root@kali)-[/home/poncho/Escritorio/pc]
# ls
netScan portScanner

(root@kali)-[/home/poncho/Escritorio/pc]
# ./netScan
Node with IP: 192.168.1.197 is up.

Node with IP: 192.168.1.254 is up.

(root@kali)-[/home/poncho/Escritorio/pc]
#
```

## detectOs

```
root@kali: /home/poncho/Escritorio/pc
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(root@kali) - [/home/poncho/Escritorio/pc]
# ls
detectOS netScan portScanner

(root@kali) - [/home/poncho/Escritorio/pc]
# ./detectOS
Linux
```

## Script

```
(root@kali) - [/home/poncho/Escritorio/pc]
# ./e4 > e4.txt

(root@kali) - [/home/poncho/Escritorio/pc]
# ls
detectOS e4 e4.txt netScan portScanner

(root@kali) - [/home/poncho/Escritorio/pc]
# sudo nano e4.txt
```

```
GNU nano 5.4 e4.txt
Linux
Node with IP: 192.168.1.94 is up.
Node with IP: 192.168.1.70 is up.
Node with IP: 192.168.1.197 is up.
Node with IP: 192.168.1.180 is up.
Node with IP: 192.168.1.254 is up.
22 open
```

```
(root@kali)~/home/poncho/Escritorio/pc  
# ls
```

```
detectOS  e4  e4.txt  netScan  portScanner
```

```
(root@kali)~/home/poncho/Escritorio/pc  
# ./e4
```

```
Linux
```

```
Node with IP: 192.168.1.94 is up.
```

```
Node with IP: 192.168.1.190 is up.
```

```
Node with IP: 192.168.1.197 is up.
```

```
Node with IP: 192.168.1.254 is up.
```

```
22 open
```

```
(root@kali)~/home/poncho/Escritorio/pc  
#
```