The object of this exercise is to make practice with nmap in kali linux. We have some targets:

- Metasploitable2, IP 192.168.49.101
- Windows 7, IP 192.168.50.102

## **NMAP** code results

To Metasploitable2

```
map -5s 192.168.49.101
Starting Namp 7.94SVW ( https://nmap.org ) at 2024-02-21 15:21 CET
mass_dns: warning: Unable to determine any DNS servers. Reverse DNS is disabled. Try using —system-dns or
specify valid servers with —dns-servers
Mmap scan report for 192.168.49.101
Nost is up (0.00047s latency).
Not shown: 977 closed texp ports (reset)
PORT STATE SERVICE
21/tcp open ftp
22/tcp open ssh
23/tcp open techet
25/tcp open smtp
53/tcp open domain
80/tcp open http
111/tcp open revers
139/tcp open netrosoft-ds
513/tcp open login
513/tcp open login
513/tcp open microsoft-ds
513/tcp open shell
1099/tcp open microsoft-ds
513/tcp open postgresed
5090/tcp open microsoft-ds
513/tcp open system-dns or specify valid servers with —dns-servers
8009/tcp open safe
6000/tcp open valid
6000/tcp open va
```

In this case there aren't difference between SYN scan ( with -sS) and TCP connect scan (-sT) because there isn't a firewall or IPS to block or reduce the traffic packets.

Often the SYN scan is more quietly and recommended in stealth mode to make any noises.

```
Create Bail)-[/]

Image -sV 192.168.49.101 - 0 - osscan-guess
Starting Nama 7.945VW ( https://mmap.org ) at 2024-02-21 15:06 CET

mass_dns: warning: Unable to determine any DNS servers. Reverse DNS is disabled. Try using --system-dns or specify valid servers with --dns-servers

Nama Scan report for 192.168.49.101

Nost low: 797 closed tepole. Section

Nosthow: 797 closed tepole. Section

Vestion

2//cp open ffp

2//cp open ffp

2//cp open ssh

2//cp open ssh

2//cp open shtp

3//cp open domain

ISC BIND 9.4.2

3//cp open netblos-ssn

3//cp open shtp

3//cp open shtp

3//cp open netblos-ssn

3//cp open nesblos-ssn

4//cp open nesblos-ssn

3//cp open nesblos-ssn

3//cp op
```

In this case we can see the ports that are open, the service in each port and the version of the service.

Another informations are the OS details.

## To Windows 7

```
Control Name 3 192.165.50.102 - 0 — osscan-guess
Starting Name 7.945VN ( https://mamp.org ) at 2024-02-21 15:44 CET
mass_nds: warring: Unable to determine any DNS servers. Reverse DNS is disabled. Try using — system-dns or specify valid servers with — dns-servers
mass_nds: warring: Unable to determine any DNS servers. Reverse DNS is disabled. Try using — system-dns or specify valid servers with — dns-servers
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wass_nds: wass_nds: wass_nds:
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```

In this case we can see the ports that are open, the service in each port and the version of the service.

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