

# EXPERIMENT NO.5

## OUTPUT:

### ACK -sA(TCP ACK scan)

```
Command Prompt
Microsoft Windows [Version 10.0.19044.1889]
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C:\Users\A.V.NAGA KAVYA>nmap -sA -T4 scanme.nmap.org
Starting Nmap 7.93 ( https://nmap.org ) at 2022-09-27 09:26 India Standard Time
Host: Failed to open device eth4
QUITTING!

C:\Users\A.V.NAGA KAVYA>nmap -sA -T4 scanme.nmap.org
Starting Nmap 7.93 ( https://nmap.org ) at 2022-09-27 09:26 India Standard Time
Nmap scan report for scanme.nmap.org (45.33.32.156)
Host is up (0.056s latency).
All 1000 scanned ports on scanme.nmap.org (45.33.32.156) are in ignored states.
Not shown: 1000 filtered tcp ports (no-response)

Nmap done: 1 IP address (1 host up) scanned in 19.97 seconds

C:\Users\A.V.NAGA KAVYA>
```

### SYN(Stealth)scan(-sS)

```
Command Prompt
Microsoft Windows [Version 10.0.19044.1889]
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C:\Users\A.V.NAGA KAVYA>nmap -p22,113,139 scanme.nmap.org
Starting Nmap 7.93 ( https://nmap.org ) at 2022-09-27 09:28 India Standard Time
Nmap scan report for scanme.nmap.org (45.33.32.156)
Host is up (0.065s latency).

PORT      STATE SERVICE
22/tcp    filtered ssh
113/tcp    filtered ident
139/tcp    filtered netbios-ssn

Nmap done: 1 IP address (1 host up) scanned in 3.89 seconds

C:\Users\A.V.NAGA KAVYA>
```

### NULL SCAN(-sN)

```
Command Prompt
Microsoft Windows [Version 10.0.19044.1889]
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C:\Users\A.V.NAGA KAVYA>nmap -p22scanne.nmap.org
Starting Nmap 7.93 ( https://nmap.org ) at 2022-09-27 09:38 India Standard Time
Error #487: Your port specifications are illegal. Example of proper form: "-100,200-1024,T:3000-4000,U:60000"
QUITTING!

C:\Users\A.V.NAGA KAVYA>nmap -sN -p22 scanne.nmap.org
Starting Nmap 7.93 ( https://nmap.org ) at 2022-09-27 09:39 India Standard Time
Nmap scan report for scanne.nmap.org (45.33.32.156)
Host is up (0.013s latency).

PORT      STATE      SERVICE
22/tcp    open|filtered ssh

Nmap done: 1 IP address (1 host up) scanned in 3.31 seconds

C:\Users\A.V.NAGA KAVYA>
```

## XMAS Scan(-sX)

```
Command Prompt
Microsoft Windows [Version 10.0.19044.1889]
(c) Microsoft Corporation. All rights reserved.

C:\Users\A.V.NAGA KAVYA>nmap -sX -14 scanne.nmap.org
Starting Nmap 7.93 ( https://nmap.org ) at 2022-09-27 09:41 India Standard Time
Nmap scan report for scanne.nmap.org (45.33.32.156)
Host is up (0.056s latency).
All 1000 scanned ports on scanne.nmap.org (45.33.32.156) are in ignored states.
Not shown: 1000 open|filtered tcp ports (no-response)

Nmap done: 1 IP address (1 host up) scanned in 12.09 seconds

C:\Users\A.V.NAGA KAVYA>
```

# FIN SCAN (-sF)

```
Command Prompt
Microsoft Windows [Version 10.0.19044.1889]
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C:\Users\A.V.NAGA KAVYA>nmap -sf -t4 para
Starting Nmap 7.93 ( https://nmap.org ) at 2022-09-27 09:34 India Standard Time
Failed to resolve "para".
WARNING: No targets were specified, so 0 hosts scanned.
Nmap done: 0 IP addresses (0 hosts up) scanned in 2.36 seconds

C:\Users\A.V.NAGA KAVYA>
```