

1)ACK

```
nmap-sA-T4 scanme.nmap.org
```

```
Starting Nmap 7.93 ( https://nmap.org ) at 2022-09-26 11:55 India Standard Time
Nmap scan report for scanme.nmap.org (45.33.32.156)
Host is up (0.33s latency).
Other addresses for scanme.nmap.org (not scanned): 2600:3c01::f03c:91ff:fe18:bb2f
Not shown: 996 closed tcp ports (reset)
PORT      STATE SERVICE
22/tcp    open  ssh
80/tcp    open  http
9929/tcp  open  nping-echo
31337/tcp open  Elite

Nmap done: 1 IP address (1 host up) scanned in 25.98 seconds
```

2)SYN

```
nmap -p 22,113,139 scanme.nmap.org
```

```
Starting Nmap 7.93 ( https://nmap.org ) at 2022-09-26 11:57 India Standard Time
Nmap scan report for scanme.nmap.org (45.33.32.156)
Host is up (0.13s latency).
Other addresses for scanme.nmap.org (not scanned): 2600:3c01::f03c:91ff:fe18:bb2f

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

Nmap done: 1 IP address (1 host up) scanned in 14.44 seconds
```

3) NULL

```
nmap -sN -p 22 scanme.nmap.org
```

```
Starting Nmap 7.93 ( https://nmap.org ) at 2022-09-27 09:05 India Standard Time  
Nmap scan report for scanme.nmap.org (45.33.32.156)  
Host is up (0.011s latency).
```

PORT	STATE	SERVICE
22/tcp	open filtered	ssh

```
Nmap done: 1 IP address (1 host up) scanned in 3.15 seconds
```

4)XMAS

```
nmap -sX -T4 scanme.nmap.org
```

```
Starting Nmap 7.93 ( https://nmap.org ) at 2022-09-27 09:07 India Standard Time  
Nmap scan report for scanme.nmap.org (45.33.32.156)  
Host is up (0.081s latency).
```

```
All 1000 scanned ports on scanme.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 46.28 seconds
```