



**Roll Number: 51 Batch: A3 Name: Mit Jain Moodle Id: 21102044**

**Subject: CN Lab Number: 07**

**AIM:** To configure static routing in packet tracer(Simulation of router configuration).

```
RX packets 1970 bytes 187716 (187.7 KB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 1970 bytes 187716 (187.7 KB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

apsit@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:~$ nmap 192.168.94.18
Command 'nmap' not found, did you mean:
  command 'nap' from snap nap-snippets (0.1.1)
  command 'nmap' from snap nmap (7.93)
  command 'wamp' from deb python3-autobahn (21.11.1+dfsg1-2build1)
  command 'nama' from deb nama (1.216-1)
  command 'nmap' from deb nmap (7.91+dfsg1+really7.80+dfsg1-2ubuntu0.1)
  command 'nam' from deb nam (1.15-5.2)
  command 'pamp' from deb paml (4.9j+dfsg-3)
See 'snap info <snapname>' for additional versions.
apsit@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:~$ nmap 192.168.76.3
Command 'nmap' not found, did you mean:
  command 'nap' from snap nap-snippets (0.1.1)
  command 'nmap' from snap nmap (7.93)
  command 'pamp' from deb paml (4.9j+dfsg-3)
  command 'wamp' from deb python3-autobahn (21.11.1+dfsg1-2build1)
  command 'nam' from deb nam (1.15-5.2)
  command 'nama' from deb nama (1.216-1)
  command 'nmap' from deb nmap (7.91+dfsg1+really7.80+dfsg1-2ubuntu0.1)
See 'snap info <snapname>' for additional versions.
apsit@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:~$ nmap 192.168.76.3
Starting Nmap 7.80 ( https://nmap.org ) at 2023-09-26 14:18 IST
Nmap scan report for apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC (192.168.76.3)
Host is up (0.000026s latency).
All 1000 scanned ports on apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC (192.168.76.3) are closed

Nmap done: 1 IP address (1 host up) scanned in 3.04 seconds
apsit@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:~$ nmap -v 192.168.76.3
Starting Nmap 7.80 ( https://nmap.org ) at 2023-09-26 14:18 IST
Initiating Ping Scan at 14:18
Scanning 192.168.76.3 [2 ports]
Completed Ping Scan at 14:18, 0.00s elapsed (1 total hosts)
Initiating Parallel DNS resolution of 1 host. at 14:18
Completed Parallel DNS resolution of 1 host. at 14:18, 3.01s elapsed
Initiating Connect Scan at 14:18
Scanning apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC (192.168.76.3) [1000 ports]
Completed Connect Scan at 14:18, 0.01s elapsed (1000 total ports)
```

```
Scanning apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC (192.168.76.3) [1000 ports]
Completed Connect Scan at 14:18, 0.01s elapsed (1000 total ports)
Nmap scan report for apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC (192.168.76.3)
Host is up (0.000025s latency).
All 1000 scanned ports on apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC (192.168.76.3) are closed
```

```
Read data files from: /usr/bin/./share/nmap
```

```
Nmap done: 1 IP address (1 host up) scanned in 3.04 seconds
```

```
apsit@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:~$ nmap -sP 192.168.76.3/24
```

```
Starting Nmap 7.80 ( https://nmap.org ) at 2023-09-26 14:20 IST
```

```
Nmap scan report for apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC (192.168.76.3)
```

```
Host is up (0.00017s latency).
```

```
Nmap done: 256 IP addresses (1 host up) scanned in 5.87 seconds
```

```
apsit@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:~$ sudo nmap -O 192.168.76.3
```

```
Starting Nmap 7.80 ( https://nmap.org ) at 2023-09-26 14:22 IST
```

```
Nmap scan report for apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC (192.168.76.3)
```

```
Host is up (0.000042s latency).
```

```
All 1000 scanned ports on apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC (192.168.76.3) are closed
```

```
Too many fingerprints match this host to give specific OS details
```

```
Network Distance: 0 hops
```

```
OS detection performed. Please report any incorrect results at https://nmap.org/submit/ .
```

```
Nmap done: 1 IP address (1 host up) scanned in 4.64 seconds
```

```
apsit@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:~$ sudo nmap -sA 192.168.76.3
```

```
Starting Nmap 7.80 ( https://nmap.org ) at 2023-09-26 14:22 IST
```

```
Nmap scan report for apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC (192.168.76.3)
```

```
Host is up (0.0000010s latency).
```

```
All 1000 scanned ports on apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC (192.168.76.3) are unfiltered
```

```
Nmap done: 1 IP address (1 host up) scanned in 3.09 seconds
```

```
apsit@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:~$ nmap scanme.nmap.org
```

```
Starting Nmap 7.80 ( https://nmap.org ) at 2023-09-26 14:22 IST
```

```
Nmap scan report for scanme.nmap.org (45.33.32.156)
```

```
Host is up (0.25s latency).
```

```
Other addresses for scanme.nmap.org (not scanned): 2600:3c01::f03c:91ff:fe18:bb2f
```

```
Not shown: 994 closed ports
```

PORT	STATE	SERVICE
------	-------	---------

22/tcp	open	ssh
--------	------	-----

25/tcp	filtered	smtp
--------	----------	------

80/tcp	open	http
--------	------	------

443/tcp	open	https
---------	------	-------

9929/tcp	open	nping-echo
----------	------	------------

```
apsit@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:~$ nmap scanme.nmap.org
Starting Nmap 7.80 ( https://nmap.org ) at 2023-09-26 14:22 IST
Nmap scan report for scanme.nmap.org (45.33.32.156)
Host is up (0.25s latency).
Other addresses for scanme.nmap.org (not scanned): 2600:3c01::f03c:91ff:fe18:bb2f
Not shown: 994 closed ports
PORT      STATE SERVICE
22/tcp    open  ssh
25/tcp    filtered smtp
80/tcp    open  http
443/tcp   open  https
9929/tcp  open  nping-echo
31337/tcp open  Elite

Nmap done: 1 IP address (1 host up) scanned in 31.20 seconds
apsit@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:~$ sudo nmap 192.168.76.1 192.168.76.2
Starting Nmap 7.80 ( https://nmap.org ) at 2023-09-26 14:25 IST
Nmap done: 2 IP addresses (0 hosts up) scanned in 3.10 seconds
apsit@apsit-HP-Pro-Tower-280-G9-PCI-Desktop-PC:~$
```