

FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

Department of Computer Engineering

Course , Subject & Experiment Details

Academic Year	2024-25	Estimated Time	03-Hours
Course & Semester	T.E. (CMPN)- Sem VI	Subject Name & Code	CSS - (CSC602)
Module No.	05 – Mapped to CO- 3	Chapter Title	Network Security and Applications

Practical No:	8
Title:	DOS attack simulation using Kali Linux
Date of performance:	24/04/2025
Date of submission:	25/04/2025
Roll No:	9914
Name of the Student:	Vivian Vijay Ludrick

Sr. No	Rubric	Grade
1	On Time completion or submission(2)	
2	Prepardness(2)	
3	Skill(4)	
4	Output(2)	

Signature of teacher:

Date:



universe@lenovo10: ~



21 Apr 14:40:40 ntpdate[16144]: Can't adjust the time of day: Operation not permitted

universe@lenovo10:~\$ ifconfig

eno1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
inet 8.6.5.10 netmask 255.255.255.0 broadcast 8.6.5.255
inet6 fe80::e2be:3ff:fe83:b71e prefixlen 64 scopeid 0x20<link>
ether e0:be:03:83:b7:1e txqueuelen 1000 (Ethernet)
RX packets 8871 bytes 759395 (759.3 KB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 3583 bytes 323765 (323.7 KB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
device interrupt 19 memory 0x51200000-51220000

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
inet 127.0.0.1 netmask 255.0.0.0
inet6 ::1 prefixlen 128 scopeid 0x10<host>
loop txqueuelen 1000 (Local Loopback)
RX packets 83816 bytes 6959744 (6.9 MB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 83816 bytes 6959744 (6.9 MB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

universe@lenovo10:~\$ ping 10.0.2.17



Apply a display filter ... <Ctrl-/>

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000000	8.6.5.10	7.1.1.238	NTP	90	NTP Version 4, client
2	0.001089750	7.1.1.238	8.6.5.10	NTP	90	NTP Version 4, server
3	2.000254957	8.6.5.10	7.1.1.238	NTP	90	NTP Version 4, client
4	2.001535506	7.1.1.238	8.6.5.10	NTP	90	NTP Version 4, server
5	4.000080852	8.6.5.10	7.1.1.238	NTP	90	NTP Version 4, client
6	4.000746163	7.1.1.238	8.6.5.10	NTP	90	NTP Version 4, server
7	5.008049920	D-LinkIn_71:8b:56	Lite-OnN_83:b7:1e	ARP	60	Who has 8.6.5.10? Tell 8.6.5.1
8	5.008075005	Lite-OnN_83:b7:1e	D-LinkIn_71:8b:56	ARP	42	8.6.5.10 is at e0:be:03:83:b7:1e

- Frame 1: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface eno1, id 0
- Ethernet II, Src: Lite-OnN_83:b7:1e (e0:be:03:83:b7:1e), Dst: D-LinkIn_71:8b:56 (78:32:1b:71:8b:56)
- Internet Protocol Version 4, Src: 8.6.5.10, Dst: 7.1.1.238
- User Datagram Protocol, Src Port: 32929, Dst Port: 123
- Network Time Protocol (NTP Version 4, client)

```

0000  78 32 1b 71 8b 56 e0 be 03 83 b7 1e 08 00 45 00  x2 q V . . . . . E
0010  00 4c 7e b8 40 00 40 11 a5 ea 08 06 05 0a 07 01  L ~ @ @ . . . . .
0020  01 ee 80 a1 00 7b 00 38 16 48 e3 00 03 fa 00 01  . . . { 8 H . . .
0030  00 00 00 01 00 00 00 00 00 00 00 00 00 00 00  . . . . .
0040  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  . . . . .
0050  00 00 eb b0 93 28 93 d6 43 03  . . . ( . . C .

```

StatisticsTelephonyWirelessToolsHelp

Apply a display filter ... <Ctrl-/>

No.	Time	Source	Destination	Protocol	Length	Info
505	4.129003000	8.6.5.11	8.6.5.10	TCP	74	[TCP Retransmission] [TCP Port numbers reused] 32798 → 13
506	4.129003013	8.6.5.11	8.6.5.10	TCP	74	[TCP Retransmission] [TCP Port numbers reused] 32800 → 13
507	4.129003027	8.6.5.11	8.6.5.10	TCP	74	[TCP Retransmission] [TCP Port numbers reused] 32816 → 13
508	4.129018031	8.6.5.11	8.6.5.10	TCP	74	[TCP Retransmission] [TCP Port numbers reused] 32822 → 13
509	4.129018044	8.6.5.11	8.6.5.10	TCP	74	[TCP Retransmission] [TCP Port numbers reused] 32828 → 13
510	4.129018057	8.6.5.11	8.6.5.10	TCP	74	[TCP Retransmission] [TCP Port numbers reused] 32832 → 13
511	4.129018070	8.6.5.11	8.6.5.10	TCP	74	[TCP Retransmission] [TCP Port numbers reused] 32840 → 13
512	4.336018770	8.6.5.21	224.0.0.251	MDNS	160	Standard query 0x0000 PTR _ftp._tcp.local, "QM" question

Frame 1: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface eno1, id 0

Ethernet II, Src: Lite-OnN_80:a7:ae (e0:be:03:80:a7:ae), Dst: Lite-OnN_83:b7:1e (e0:be:03:83:b7:1e)

Internet Protocol Version 4, Src: 8.6.5.11, Dst: 8.6.5.10

Transmission Control Protocol, Src Port: 59988, Dst Port: 135, Seq: 0, Len: 0

0000	e0 be 03 83 b7 1e e0 be 03 80 a7 ae 08 00 45 00E.
0010	00 3c d1 fe 40 00 40 06 4e 9d 08 06 05 0b 08 06	-< @ @ N
0020	05 0a ea 54 00 87 e0 54 af 18 00 00 00 00 a0 02	..T..T
0030	fa f0 a3 c3 00 00 02 04 05 b4 04 02 08 0a 92 9f
0040	82 42 00 00 00 00 01 03 03 07	-B.....

wireshark eno1N2C742 pcannp

Packets: 512 · Displayed: 512 (100.0%)

Profile