

- 2.

Open a webpage while the it is capturing, apply filter to find http packet

- 3.

ENGS-LABB11

4.

The image shows a Wireshark interface with a capture filter set to `ip.src == 192.168.10.1 && ip.dst == 192.168.10.2`. The packet list displays several TCP ACK packets from 192.168.10.1 to 192.168.10.2. The packet details pane shows the structure of a selected packet, including Ethernet II, Internet Protocol Version 4, Transmission Control Protocol, and SSH Protocol. The packet bytes pane shows the raw data in hexadecimal and ASCII.

No.	Time	Source	Destination	Protocol	Length	Info
11	2.363835786	192.168.10.1	192.168.10.2	TCP	66	46566 → 22 [ACK] Seq=
12	2.363849425	192.168.10.1	192.168.10.2	TCP	66	46566 → 22 [ACK] Seq=
15	2.401305906	192.168.10.1	192.168.10.2	TCP	66	46566 → 22 [ACK] Seq=
18	2.411563701	192.168.10.1	192.168.10.2	TCP	66	46566 → 22 [ACK] Seq=
19	2.411577236	192.168.10.1	192.168.10.2	TCP	66	46566 → 22 [ACK] Seq=
22	2.453532314	192.168.10.1	192.168.10.2	TCP	66	46566 → 22 [ACK] Seq=
25	2.463835120	192.168.10.1	192.168.10.2	TCP	66	46566 → 22 [ACK] Seq=
26	2.463859147	192.168.10.1	192.168.10.2	TCP	66	46566 → 22 [ACK] Seq=
29	2.501273378	192.168.10.1	192.168.10.2	TCP	66	46566 → 22 [ACK] Seq=
32	2.511559393	192.168.10.1	192.168.10.2	TCP	66	46566 → 22 [ACK] Seq=

Frame 3: 102 bytes on wire (816 bits), 102 bytes captured (816 bits) on interface enx0c37965f89ec, id 0
 Ethernet II, Src: BizlinkT_5f:89:ec (0c:37:96:5f:89:ec), Dst: Raspberr_87:60:14 (e4:5f:01:87:60:14)
 Internet Protocol Version 4, Src: 192.168.10.1, Dst: 192.168.10.2
 Transmission Control Protocol, Src Port: 46566, Dst Port: 22, Seq: 1, Ack: 1, Len: 36
 SSH Protocol

Offset	Hex	ASCII
0000	e4 5f 01 87 60 14 0c 37 96 5f 89 ec 08 00 45 107.....E.
0010	00 58 1a 32 40 00 40 06 8b 0a c0 a8 0a 01 c0 a8	..X.2@.
0020	0a 02 b5 e6 00 16 ee 29 06 bf 8e 6a 00 20 80 18) ...j. .
0030	03 e7 95 9e 00 00 01 01 08 0a 4e 9d db 23 07 a0N.#..
0040	c4 bc dc 8f e9 a0 fc e9 4b 8c 4d 20 1e 72 52 04K.M.rR.

filter as shown
 size = 66 bytes
 protocol = TCP

Modified script

<https://github.com/Sitaoooo/CWM-ProgNets/tree/e3733c251662bbd947ab7acf5acc4fd80a29f02d/assignment1>