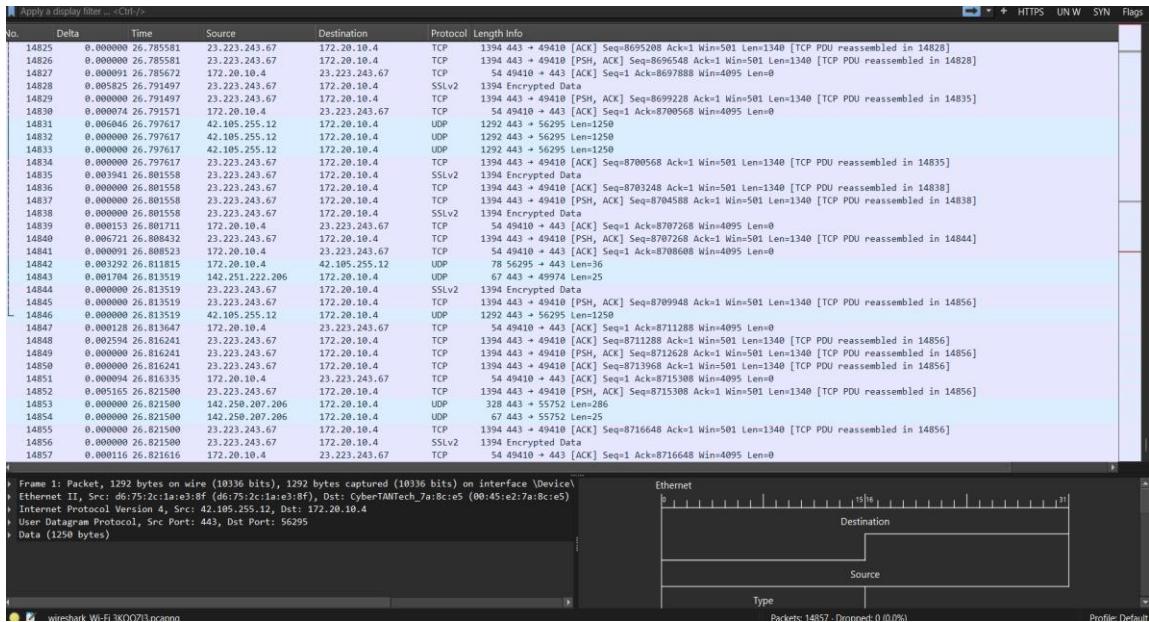


Internship day-3 Report

19-01-2026

1. Wireshark Packet Capture File (PCAP)



2. HTTP Filter Packets

No.	Delta	Time	Source	Destination	Protocol	Length	Info
45.	0.0060..	18.738..	14.192..	17.20..10..4	TCP	1346 80 + 49826 [PSH, ACK] Seq=217601 Ack=1 Win=22 Len=1280 Tsvl=3293457814 Tsecr=747155	
45.	0.0000..	18.738..	14.192..	17.20..10..4	TCP	1346 80 + 49826 [ACK] Seq=218881 Ack=1 Win=1280 Tsvl=3293457814 Tsecr=747155	
45.	0.0000..	18.738..	14.192..	17.20..10..4	TCP	1346 80 + 49826 [PSH, ACK] Seq=220161 Ack=1 Win=22 Len=1280 Tsvl=3293457814 Tsecr=747156	
45.	0.0000..	18.738..	14.192..	17.20..10..4	TCP	1346 80 + 49826 [ACK] Seq=221441 Ack=1 Win=22 Len=1280 Tsvl=3293457814 Tsecr=747156	
45.	0.0000..	18.738..	17.20..26..	14.192..231..2	TCP	65 49826 + 0 [ACK] Seq=222721 Ack=1 Win=33 Len=0 Tsvl=3293457814 Tsecr=747156	
45.	0.0016..	18.738..	14.192..	17.20..30..4	TCP	1346 80 + 49826 [PSH, ACK] Seq=223041 Ack=1 Win=22 Len=1280 Tsvl=3293457814 Tsecr=747156	
45.	0.0059..	18.746..	14.192..	17.20..10..4	TCP	1346 80 + 49826 [ACK] Seq=224091 Ack=1 Win=22 Len=1280 Tsvl=3293457814 Tsecr=747156	
45.	0.0000..	18.746..	14.192..	17.20..10..4	TCP	1346 80 + 49826 [PSH, ACK] Seq=225281 Ack=1 Win=22 Len=1280 Tsvl=3293457814 Tsecr=747156	
45.	0.0059..	18.752..	14.192..	17.20..10..4	TCP	66 49826 + 0 [ACK] Seq=226561 Ack=1 Win=22 Len=1280 Tsvl=3293457814 Tsecr=747156	
45.	0.0000..	18.752..	14.192..	17.20..10..4	TCP	1346 80 + 49826 [PSH, ACK] Seq=227841 Ack=1 Win=22 Len=1280 Tsvl=3293457814 Tsecr=747156	
45.	0.0000..	18.752..	14.192..	17.20..10..4	TCP	66 49826 + 0 [ACK] Seq=229121 Ack=1 Win=17 Len=0 Tsvl=747978 Tsecr=3293457814	
45.	0.0017..	18.754..	14.192..	17.20..10..4	TCP	1346 80 + 49826 [ACK] Seq=229121 Ack=1 Win=22 Len=1280 Tsvl=3293457814 Tsecr=747156	
45.	0.0000..	18.754..	17.20..26..	14.192..231..2	TCP	66 49826 + 0 [ACK] Seq=230401 Ack=1 Win=17 Len=0 Tsvl=747988 Tsecr=3293457814	
46.	0.0065..	18.931..	17.20..	23.192..115..4	TCP	54 50796 + 80 [PSH, ACK] Seq=231041 Ack=1 Win=254 Len=0	
47.	0.0000..	19.022..	17.20..	23.192..115..98	TCP	54 50796 + 80 [ACK] Seq=231042 Ack=1 Win=254 Len=0	
47.	0.0015..	19.058..	14.192..	17.20..10..4	TCP	1346 80 + 49826 [PSH, ACK] Seq=234041 Ack=1 Win=22 Len=1280 Tsvl=3293458652 Tsecr=747978	
47.	0.0000..	19.058..	14.192..	17.20..10..4	TCP	1346 80 + 49826 [ACK] Seq=234041 Ack=1 Win=22 Len=1280 Tsvl=3293458652 Tsecr=747978	
47.	0.0054..	19.064..	14.192..	17.20..10..4	TCP	1346 80 + 49826 [PSH, ACK] Seq=231681 Ack=1 Win=22 Len=1280 Tsvl=3293458652 Tsecr=747978	
47.	0.0000..	19.064..	14.192..	17.20..10..4	TCP	1346 80 + 49826 [PSH, ACK] Seq=232961 Ack=1 Win=22 Len=1280 Tsvl=3293458652 Tsecr=747980	
47.	0.0000..	19.064..	17.20..	14.192..231..2	TCP	66 49826 + 0 [ACK] Seq=2324241 Ack=1 Win=17 Len=0 Tsvl=748290 Tsecr=3293458652	
48..	0.0059..	20.414..	14.192..	17.20..10..4	TCP	1346 80 + 49826 [ACK] Seq=234241 Ack=1 Win=22 Len=1280 Tsvl=3293458961 Tsecr=748290	
48..	0.0000..	20.414..	14.192..	17.20..10..4	TCP	66 49826 + 80 [ACK] Seq=236801 Win=16 Len=0 Tsvl=749640 Tsecr=3293458961	
49..	0.0059..	20.420..	14.192..	17.20..10..4	TCP	1346 80 + 49826 [ACK] Seq=236801 Ack=1 Win=22 Len=1280 Tsvl=3293458961 Tsecr=748290	
49..	0.0000..	20.420..	14.192..	17.20..10..4	TCP	66 49826 + 80 [ACK] Seq=238081 Win=16 Len=0 Tsvl=749690 Tsecr=3293458961	
50..	0.0000..	20.606..	14.192..	17.20..10..4	TCP	1346 [TCP Spurious Retransmission] 80 + 49826 [ACK] Seq=236801 Ack=1 Win=22 Len=1280 Tsvl=3293460125 Tsecr=748290	
50..	0.0000..	20.606..	14.192..	17.20..10..4	TCP	1346 [TCP Spurious Retransmission] 80 + 49826 [ACK] Seq=236801 Ack=1 Win=22 Len=1280 Tsvl=3293460125 Tsecr=748290	
50..	0.0000..	20.702..	14.192..	17.20..10..4	TCP	1346 80 + 49826 [PSH, ACK] Seq=238081 Ack=1 Win=22 Len=1280 Tsvl=3293460294 Tsecr=745640	
50..	0.0000..	20.708..	14.192..	17.20..10..4	TCP	1346 80 + 49826 [ACK] Seq=239361 Ack=1 Win=22 Len=1280 Tsvl=3293460294 Tsecr=745640	
50..	0.0000..	20.708..	17.20..	14.192..231..2	TCP	66 49826 + 80 [ACK] Seq=1 Ack=240641 Win=16 Len=0 Tsvl=749934 Tsecr=3293460294	
50..	0.0000..	20.789..	14.192..	17.20..10..4	TCP	1346 80 + 49826 [PSH, ACK] Seq=240641 Ack=1 Win=22 Len=1280 Tsvl=3293460349 Tsecr=745640	
50..	0.0001..	20.845..	17.20..	14.192..231..3	TCP	66 49826 + 80 [ACK] Seq=1 Ack=241021 Win=16 Len=0 Tsvl=750071 Tsecr=3293460349	

3. TCP Filter Packets

No.	Delta	Time	Source	Destination	Protocol	Length	Info	
1	0.0000...	14.102...	172.29.19.4	TCP	1346	80	*49826 [PSH, ACK] Seq=1 Ack=1 Win=22 Len=1280 Tsvl=3293439504 Tsrec=728848	
2	0.0045...	0.0045...	14.102...	172.29.19.4	TCP	1346	80	*49826 [PSH, ACK] Seq=1281 Ack=1 Win=22 Len=1280 Tsvl=3293439504 Tsrec=728848
3	0.0000...	0.0045...	14.102...	14.102.231.2	TCP	66	49826	+ 80 [ACK] Seq=1 Ack=2561 Win=15 Len=0 Tsvl=729231 Tscr=3293439504
20	0.0055...	0.2824...	14.102...	172.29.10.4	TCP	1346	80	*49826 [PSH, ACK] Seq=2561 Ack=1 Win=22 Len=1280 Tsvl=3293439885 Tsrec=729231
21	0.0000...	0.2905...	14.102...	172.29.10.4	TCP	1346	80	*49826 [ACK] Seq=3841 Ack=1 Win=22 Len=1280 Tsvl=3293439885 Tsrec=729231
22	0.0000...	0.2905...	14.102...	172.29.10.4	TCP	1346	80	*49826 [PSH, ACK] Seq=5121 Ack=1 Win=22 Len=1280 Tsvl=3293439885 Tsrec=729231
23	0.0000...	0.2905...	14.102...	14.102.231.2	TCP	66	49826	+ 80 [ACK] Seq=5121 Ack=1 Win=22 Len=1280 Tsvl=3293439885 Tsrec=729231
195	0.0000...	0.7106...	14.102...	172.29.10.4	TCP	1346	80	*49826 [PSH, ACK] Seq=4091 Ack=1 Win=22 Len=1280 Tsvl=3293440175 Tsrec=729517
196	0.0000...	0.7106...	14.102...	172.29.10.4	TCP	1346	80	*49826 [PSH, ACK] Seq=7681 Ack=1 Win=22 Len=1280 Tsvl=3293440175 Tsrec=729517
197	0.0000...	0.7106...	14.102...	172.29.10.4	TCP	1346	80	*49826 [ACK] Seq=9631 Ack=1 Win=22 Len=1280 Tsvl=3293440175 Tsrec=729517
198	0.0000...	0.7107...	14.102...	14.102.231.2	TCP	66	49826	+ 80 [ACK] Seq=1 Ack=10241 Win=20 Len=0 Tsvl=729937 Tsrec=3293440175
498	0.0000...	1.1175...	14.102...	172.29.10.4	TCP	1346	80	*49826 [PSH, ACK] Seq=18241 Ack=1 Win=22 Len=1280 Tsvl=3293440594 Tsrec=729937
497	0.0000...	1.1175...	14.102...	172.29.10.4	TCP	1346	80	*49826 [ACK] Seq=11521 Ack=1 Win=22 Len=1280 Tsvl=3293440594 Tsrec=729937
498	0.0000...	1.1175...	14.102...	172.29.10.4	TCP	1346	80	*49826 [PSH, ACK] Seq=18280 Ack=1 Win=22 Len=1280 Tsvl=3293440594 Tsrec=729937
499	0.0000...	1.1175...	14.102...	172.29.10.4	TCP	1346	80	*49826 [ACK] Seq=14081 Ack=1 Win=22 Len=1280 Tsvl=3293440594 Tsrec=729937
419	0.0000...	1.176...	172.29...	14.102.231.2	TCP	66	49826	+ 80 [ACK] Seq=1 Ack=15361 Win=26 Len=0 Tsvl=739344 Tsrec=3293440594
631	0.0000...	1.5384...	14.102...	172.29.10.4	TCP	1346	80	*49826 [PSH, ACK] Seq=15361 Ack=1 Win=22 Len=1280 Tsvl=3293441086 Tsrec=730344
632	0.0000...	1.5384...	14.102...	172.29.10.4	TCP	1346	80	*49826 [PSH, ACK] Seq=16641 Ack=1 Win=22 Len=1280 Tsvl=3293441086 Tsrec=730344
633	0.0000...	1.5384...	14.102...	172.29.10.4	TCP	1346	80	*49826 [PSH, ACK] Seq=17921 Ack=1 Win=22 Len=1280 Tsvl=3293441086 Tsrec=730344
634	0.0000...	1.5385...	17.29...	14.102.231.2	TCP	66	49826	+ 80 [ACK] Seq=1 Ack=19201 Win=31 Len=0 Tsvl=739764 Tsrec=3293441086 Tsrec=730344
635	0.0000...	1.5444...	14.102...	172.29.10.4	TCP	1346	80	*49826 [ACK] Seq=19206 Ack=1 Win=22 Len=1280 Tsvl=3293441086 Tsrec=730344
636	0.0000...	1.5444...	14.102...	172.29.10.4	TCP	1346	80	*49826 [PSH, ACK] Seq=20841 Ack=1 Win=22 Len=1280 Tsvl=3293441086 Tsrec=730344
637	0.0000...	1.5444...	17.29...	14.102.231.2	TCP	66	49826	+ 80 [ACK] Seq=1 Ack=21761 Win=31 Len=0 Tsvl=7397070 Tsrec=3293441086
710	0.0157...	1.8666...	14.102...	172.29.10.4	TCP	1346	80	*49826 [ACK] Seq=21761 Ack=1 Win=22 Len=1280 Tsvl=3293441421 Tsrec=730764
717	0.0000...	1.8726...	14.102...	172.29.10.4	TCP	1346	80	*49826 [PSH, ACK] Seq=23048 Ack=1 Win=22 Len=1280 Tsvl=3293441421 Tsrec=730764
718	0.0000...	1.8726...	14.102...	172.29.10.4	TCP	1346	80	*49826 [ACK] Seq=24231 Ack=1 Win=22 Len=1280 Tsvl=3293441421 Tsrec=730764
729	0.0000...	1.8786...	14.102...	172.29.10.4	TCP	1346	80	*49826 [PSH, ACK] Seq=25621 Ack=1 Win=22 Len=1280 Tsvl=3293441421 Tsrec=730770
728	0.0000...	1.8786...	14.102...	172.29.10.4	TCP	1346	80	*49826 [PSH, ACK] Seq=25601 Ack=1 Win=22 Len=1280 Tsvl=3293441421 Tsrec=730770
721	0.0000...	1.8786...	14.102...	172.29.10.4	TCP	1346	80	*49826 [ACK] Seq=66801 Ack=1 Win=22 Len=1280 Tsvl=3293441422 Tsrec=730770
722	0.0000...	1.8786...	14.102...	172.29.10.4	TCP	1346	80	*49826 [PSH, ACK] Seq=28161 Ack=1 Win=22 Len=1280 Tsvl=3293441422 Tsrec=730770
724	0.0000...	1.8786...	17.29...	14.102.231.2	TCP	66	49826	+ 80 [ACK] Seq=1 Ack=29441 Win=21 Len=0 Tsvl=731105 Tsrec=3293441422
745	0.0742...	2.2327...	14.102...	172.29.10.4	TCP	1346	80	*49826 [ACK] Seq=29441 Ack=1 Win=22 Len=1280 Tsvl=3293441760 Tsrec=731099
746	0.0038...	2.3366...	14.102...	172.29.10.4	TCP	1346	80	*49826 [PSH, ACK] Seq=308721 Ack=1 Win=22 Len=1280 Tsvl=3293441762 Tsrec=731105
747	0.0000...	2.3366...	14.102...	172.29.10.4	TCP	1346	80	*49826 [ACK] Seq=30801 Ack=1 Win=22 Len=1280 Tsvl=3293441762 Tsrec=731105

4. UDP Filter Packets

5. Conclusion

Wireshark packet analysis provides deep visibility into network traffic, enabling identification of:

- Insecure protocols
 - Reconnaissance activity
 - Potential attack vectors

Packet capture and analysis are critical skills for:

- Penetration
- testing\Incident response
- Network forensics