

**Instituto Tecnológico de Cancún**


**Fundamentos de Telecomunicaciones**

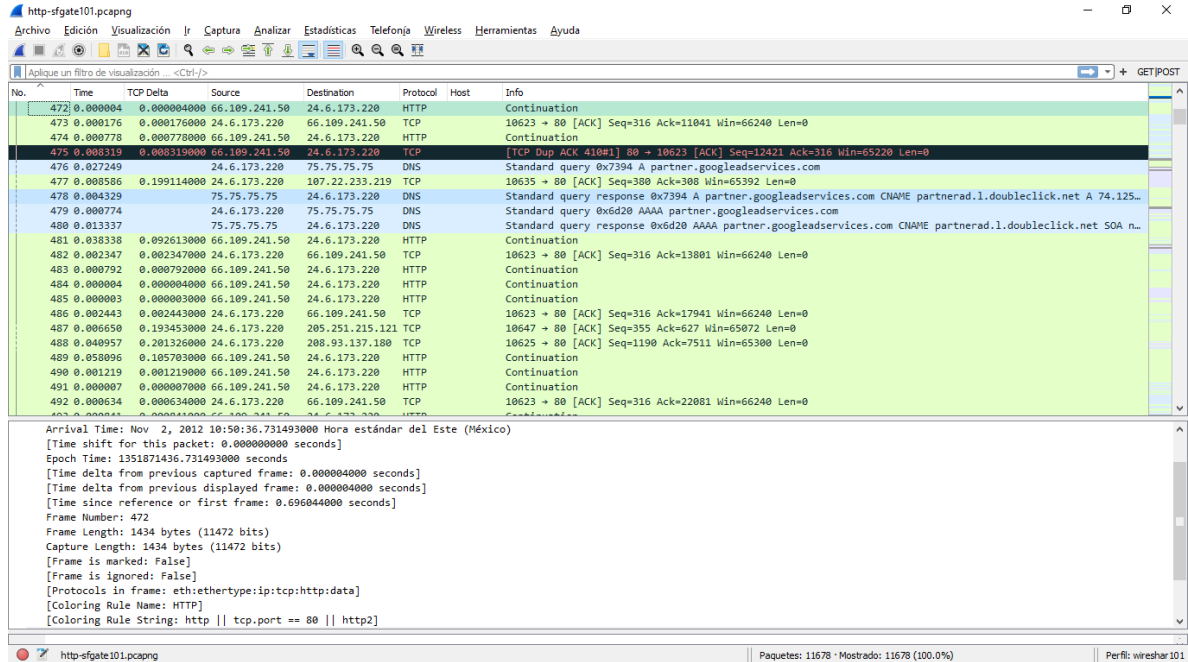
**Lab25 - Add a Column to Display  
Coloring Rules in Use**

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Martin**

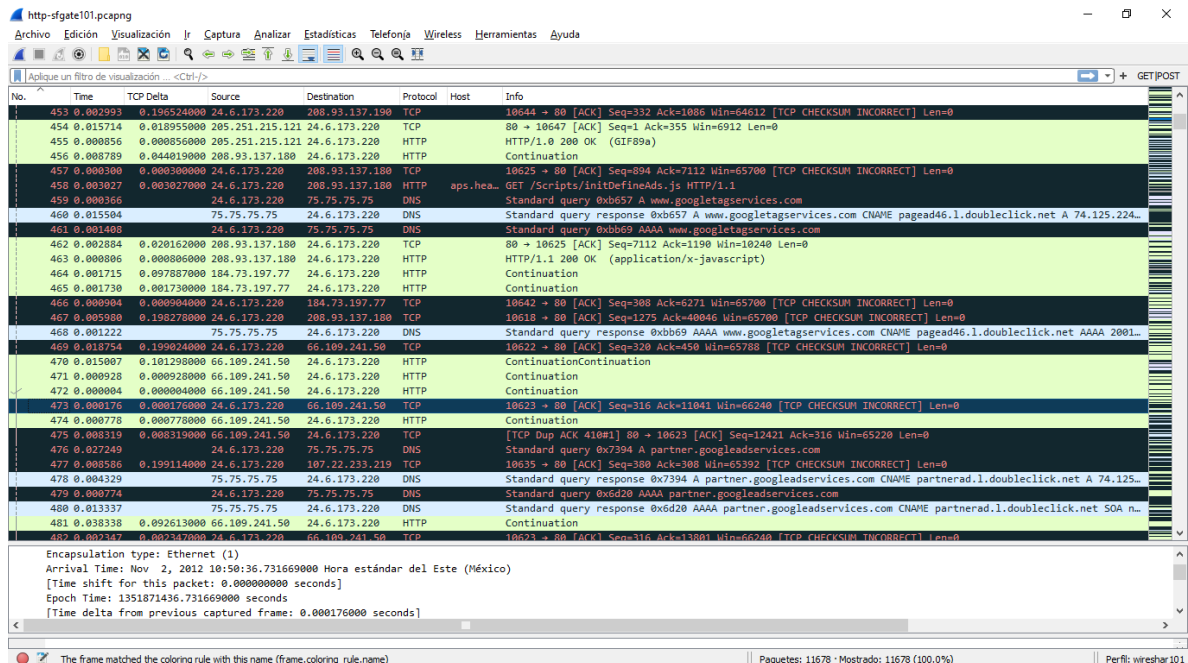
**Ciclo 2020-B**

Paso 1: Damos clic en el botón de buscar paquetes  ingresamos el paquete 472 y le damos en aceptar para que wireshark busque el paquete.



Wireshark interface showing packet 472 selected. The packet list shows various protocols including HTTP, TCP, and DNS. The packet details pane shows the structure of the selected packet, including Ethernet II, Internet Protocol Version 4, and Hypertext Transfer Protocol.

Paso 2: En el frame 473 vamos a deshabilitar la validación de checksum si es posible de IPv4, TCP y UDP



Wireshark interface showing packet 473 selected. The packet details pane shows the structure of the selected packet, including Ethernet II, Internet Protocol Version 4, and Hypertext Transfer Protocol. The packet list shows various protocols including HTTP, TCP, and DNS.

Paso 3: En el frame 472 desplegamos el detalle de este frame y buscamos coloring rule, damos clic derecho y agregamos como columna.

The screenshot displays the Wireshark network protocol analyzer interface. The top pane, 'Packet List', shows a list of captured packets. The second pane, 'Packet Details', shows the hierarchical structure of the selected packet (No. 472), including Ethernet II, Internet Protocol Version 4, Transmission Control Protocol, and Hypertext Transfer Protocol. The third pane, 'Packet Bytes', shows the raw data of the packet. The interface includes a menu bar, a toolbar, and a status bar at the bottom.

No.	Time	TCP Delta	Source	Destination	Protocol	Host	Coloring Rule Name	Info
453	0.002993	0.196524080	24.6.173.220	208.93.137.180	TCP		Checksum Errors	10644 → 80 [ACK] Seq=332 Ack=1086 Win=64612 [TCP CHECKSUM INCORRECT] Len=0
454	0.015714	0.618955000	208.93.137.180	24.6.173.220	TCP		Checksum Errors	80 → 10647 [ACK] Seq=1 Ack=355 Win=6912 Len=0
455	0.000056	0.000856000	208.93.137.180	24.6.173.220	HTTP		HTTP/1.0 200 OK (GIF89a)	
456	0.000789	0.044019000	208.93.137.180	24.6.173.220	HTTP		Continuation	
457	0.000300	0.000300000	24.6.173.220	208.93.137.180	TCP		Checksum Errors	10625 → 80 [ACK] Seq=894 Ack=7112 Win=65700 [TCP CHECKSUM INCORRECT] Len=0
458	0.003027	0.003027000	24.6.173.220	208.93.137.180	HTTP	aps.he...	Checksum Errors	GET /Scripts/initDefineAds.js HTTP/1.1
459	0.000366	0.000366000	24.6.173.220	75.75.75.75	DNS		Checksum Errors	Standard query 0xb657 A www.googletagsservices.com
460	0.015504	75.75.75.75	24.6.173.220	75.75.75.75	DNS		UDP	Standard query response 0xb657 A www.googletagsservices.com CNAME pagead46.l.doubleclick.net
461	0.001408	0.001408000	24.6.173.220	75.75.75.75	DNS		Checksum Errors	Standard query 0xb657 AAAA www.googletagsservices.com
462	0.002884	0.020162000	208.93.137.180	24.6.173.220	TCP		HTTP	80 → 10625 [ACK] Seq=7112 Ack=1190 Win=10240 Len=0
463	0.000806	0.000806000	208.93.137.180	24.6.173.220	HTTP		HTTP	HTTP/1.1 200 OK (application/x-javascript)
464	0.001715	0.097887000	184.73.197.77	24.6.173.220	HTTP		Continuation	
465	0.001730	0.001730000	184.73.197.77	24.6.173.220	HTTP		Continuation	
466	0.000904	0.000904000	24.6.173.220	184.73.197.77	TCP		Checksum Errors	10642 → 80 [ACK] Seq=388 Ack=6271 Win=65700 [TCP CHECKSUM INCORRECT] Len=0
467	0.000980	0.198270000	24.6.173.220	208.93.137.180	TCP		Checksum Errors	10618 → 80 [ACK] Seq=1275 Ack=40846 Win=65700 [TCP CHECKSUM INCORRECT] Len=0
468	0.001222	75.75.75.75	24.6.173.220	75.75.75.75	DNS		UDP	Standard query response 0xb657 AAAA www.googletagsservices.com CNAME pagead46.l.doubleclick.net
469	0.015754	0.199024000	24.6.173.220	66.109.241.50	TCP		Checksum Errors	10622 → 80 [ACK] Seq=320 Ack=450 Win=65700 [TCP CHECKSUM INCORRECT] Len=0
470	0.015907	0.101298000	66.109.241.50	24.6.173.220	HTTP		ContinuationContinuation	
471	0.000928	0.000928000	66.109.241.50	24.6.173.220	HTTP		Continuation	
472	0.000004	0.000004000	66.109.241.50	24.6.173.220	HTTP		Continuation	
473	0.000176	0.000176000	24.6.173.220	66.109.241.50	TCP		Checksum Errors	10623 → 80 [ACK] Seq=316 Ack=11041 Win=66240 [TCP CHECKSUM INCORRECT] Len=0
474	0.000778	0.000778000	66.109.241.50	24.6.173.220	HTTP		Continuation	
475	0.008319	0.008319000	66.109.241.50	24.6.173.220	TCP		Bad TCP	[TCP Dup ACK 410#1] 80 → 10623 [ACK] Seq=12421 Ack=316 Win=65220 Len=0
476	0.027249	24.6.173.220	75.75.75.75	107.22.233.219	DNS		Checksum Errors	Standard query 0x7394 A partner.googleadservices.com
477	0.008586	0.199114000	24.6.173.220	107.22.233.219	TCP		Checksum Errors	10635 → 80 [ACK] Seq=380 Ack=380 Win=65392 [TCP CHECKSUM INCORRECT] Len=0

Frame is marked: False  
 Frame is ignored: False  
 Protocols in frame: eth:ethertype:ip:tcp:http:data  
 Coloring Rule Name: HTTP  
 Coloring Rule String: http || tcp.port == 80 || http2  
 > Ethernet II, Src: Cadant\_31:bb:c1 (08:01:5c:31:bb:c1), Dst: HewlettP\_a7:bf:a3 (d4:85:64:a7:bf:a3)  
 > Internet Protocol Version 4, Src: 66.109.241.50, Dst: 24.6.173.220  
 > Transmission Control Protocol, Src Port: 80, Dst Port: 10623, Seq: 9661, Ack: 316, Len: 1380  
 > Hypertext Transfer Protocol

Frame is ignored by the dissectors (frame.ignored) | Paquetes: 11678 · Mostrado: 11678 (100.0%) | Perfil: wireshark 101