



“Secretaría De La Educación Superior”
“Instituto Tecnológico de Cancún”

Ingeniería en Sistemas Computacionales

Materia: Fundamentos de Telecomunicaciones

Tema: Laboratorio N#16 Wireshark

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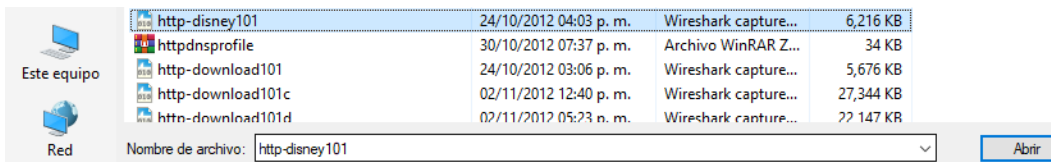
Maestro: Ismael Jiménez Sánchez

Fecha De Entrega: 3/Diciembre/2020

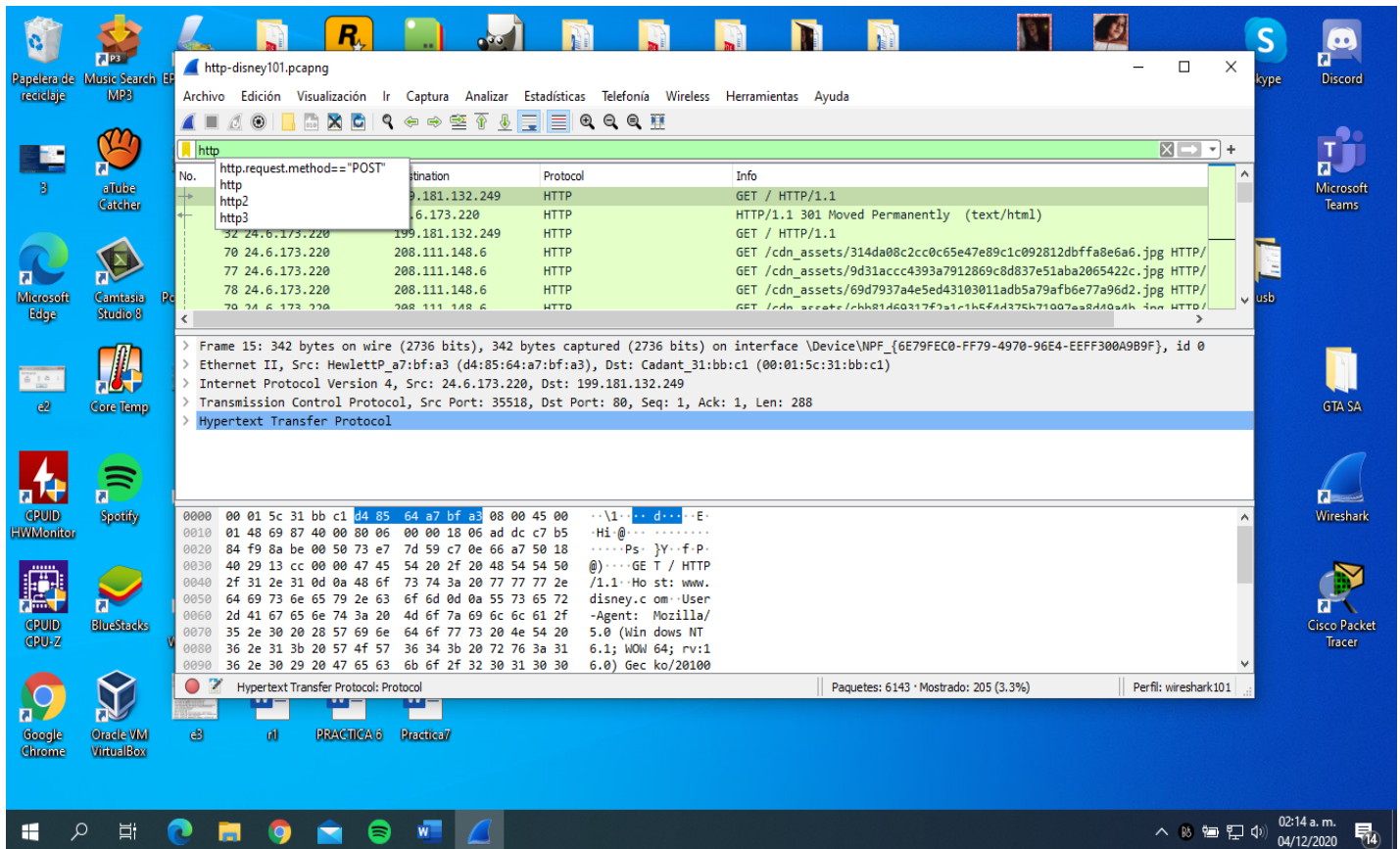
Horario: 5:00 pm – 6:00 pm

Laboratio N#16 – Filtrar el trafico HTTP de la manera correcta.

Paso 1 – Abrimos Http-disney101-pcapng.



Paso 2 – Aplicar un filtro http. Se deberían de ver los fotogramas o los paquetes que tiene este disponible.



Paso 3 – Ahora vamos a remplazar el filtro con tcp.port == 80 y hacemos clic en aplicar y debemos de ver 5917 paquetes.

Wireshark interface showing a packet capture of a web request. The filter bar at the top displays the filter `tcp.port==80`. The packet list shows several packets, with the selected packet being a GET request from 24.6.173.220 to 199.181.132.249. The packet details pane shows the structure of the request, including the HTTP/1.1 status line and the request line. The packet bytes pane shows the raw data of the request. A box highlights the status 'Mostrado: 5917 (96.3%)' in the bottom right corner of the packet list pane.

| No. | Source | Destination | Protocol | Info |
|-----|-----------------|-----------------|----------|--|
| 12 | 24.6.173.220 | 199.181.132.249 | TCP | 35518 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1 |
| 13 | 199.181.132.249 | 24.6.173.220 | TCP | 80 → 35518 [SYN, ACK] Seq=0 Ack=1 Win=4380 Len=0 MSS=1460 WS=1 SACK_PERM=1 |
| 14 | 24.6.173.220 | 199.181.132.249 | TCP | 35518 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0 |
| 15 | 24.6.173.220 | 199.181.132.249 | HTTP | GET / HTTP/1.1 |
| 16 | 199.181.132.249 | 24.6.173.220 | HTTP | HTTP/1.1 301 Moved Permanently (text/html) |
| 21 | 24.6.173.220 | 199.181.132.249 | TCP | 35519 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1 |
| 22 | 24.6.173.220 | 199.181.132.249 | TCP | 35518 → 80 [ACK] Seq=280 Ack=161 Win=65700 Len=0 |

Frame 15: 342 bytes on wire (2736 bits), 342 bytes captured (2736 bits) on interface \\Device\\NPF_{6E79FEC0-FF79-4970-96E4-EEFF300A9B9F}, id 0
> Ethernet II, Src: HewlettP_a7:bf:a3 (d4:85:64:a7:bf:a3), Dst: Cadant_31:bb:c1 (00:01:5c:31:bb:c1)
> Internet Protocol Version 4, Src: 24.6.173.220, Dst: 199.181.132.249
> Transmission Control Protocol, Src Port: 35518, Dst Port: 80, Seq: 1, Ack: 1, Len: 288
> Hypertext Transfer Protocol

Bytes 38-41: Sequence Number (raw) (tcp.seq_raw) | Paquetes: 6143 | Mostrado: 5917 (96.3%) | Perfil: wireshark101

Paso 4 – Hacemos clic en borrar para quitar el filtro de la pantalla.

Wireshark interface showing the filter bar at the top. The filter `tcp.port==80` has been removed, and the bar is now empty. The status bar at the bottom right shows 'Paquetes: 6143' and 'Mostrado: 5917 (96.3%)'.