



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

Ingeniería en Sistemas Computacionales

Materia: Fundamentos de Telecomunicaciones

Tema: Laboratorio N#22 Wireshark

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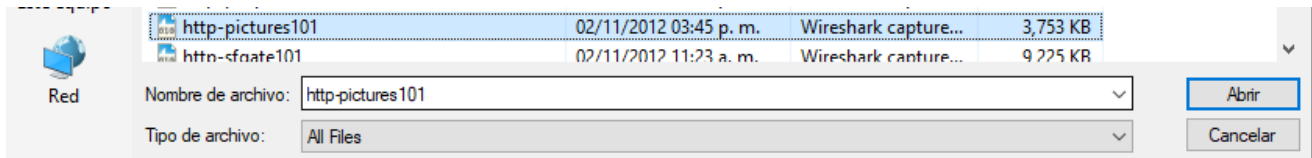
Maestro: Ismael Jiménez Sánchez

Fecha De Entrega: 4/Diciembre/2020

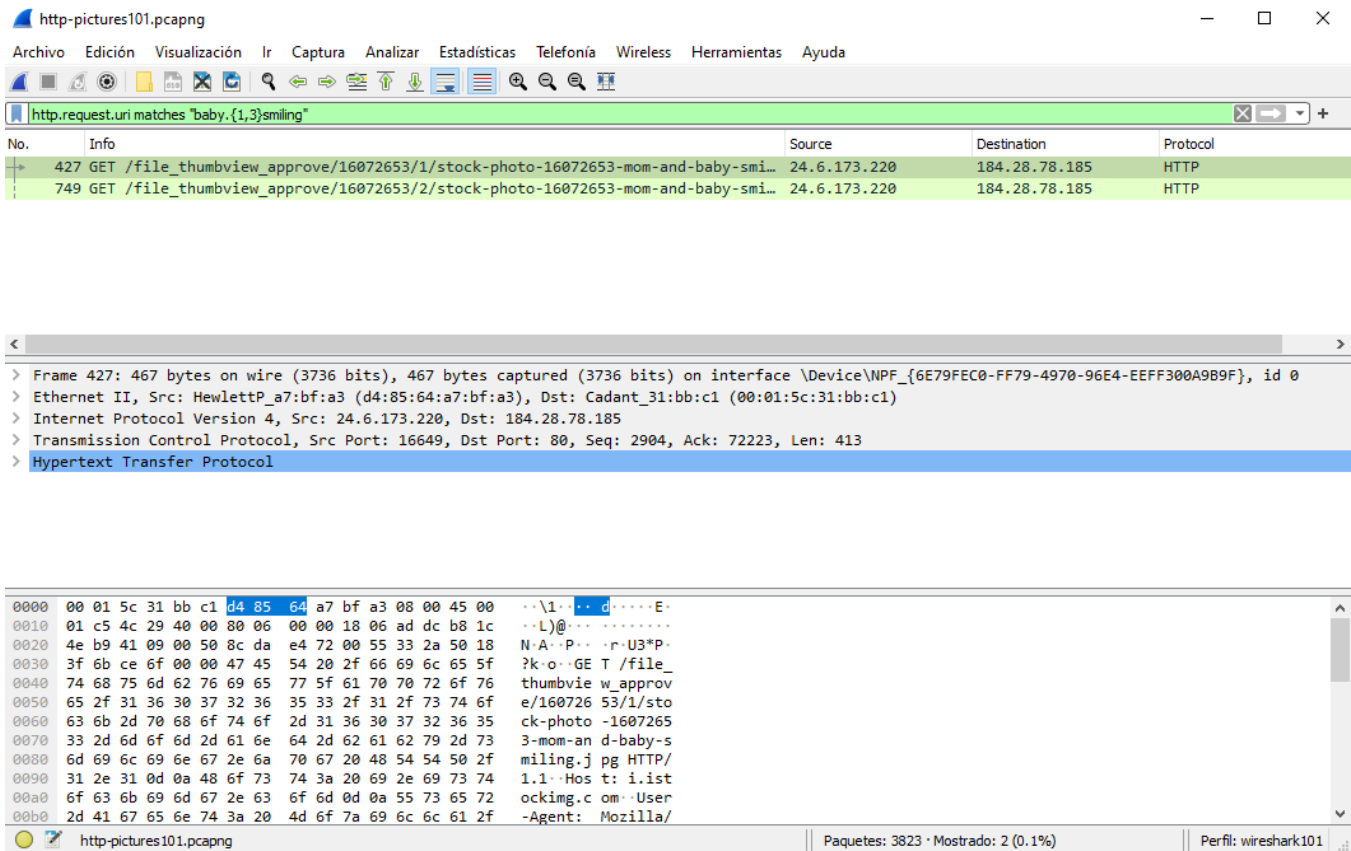
Horario: 5:00 pm – 6:00 pm

Laboratio N#22 – Filtro con comodines entre palabras.

Paso 1 – Abrimos http-pictures101.pcapng



Paso 2 – Escribimos en el filtro de búsqueda http.request.uri matches "baby.{1,3}smiling" solo dos paquetes deben de coincidir con este filtro.



http-pictures101.pcapng

Archivo Edición Visualización Ir Captura Analizar Estadísticas Telefonía Wireless Herramientas Ayuda

http.request.uri matches "baby.{1,3}smiling"

No.	Info	Source	Destination	Protocol
427	GET /file_thumbview_approve/16072653/1/stock-photo-16072653-mom-and-baby-smi...	24.6.173.220	184.28.78.185	HTTP
749	GET /file_thumbview_approve/16072653/2/stock-photo-16072653-mom-and-baby-smi...	24.6.173.220	184.28.78.185	HTTP

> Frame 427: 467 bytes on wire (3736 bits), 467 bytes captured (3736 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: 184.28.78.185
> Transmission Control Protocol, Src Port: 16649, Dst Port: 80, Seq: 2904, Ack: 72223, Len: 413
> Hypertext Transfer Protocol

0000 00 01 5c 31 bb c1 d4 85 64 a7 bf a3 08 00 45 00 ..\1...d....E.
0010 01 c5 4c 29 40 00 00 06 00 00 18 06 ad dc b8 1c ..L)@... ..
0020 4e b9 41 09 00 50 8c da e4 72 00 55 33 2a 50 18 N.A..P...r.U3*P
0030 3f 6b ce 6f 00 00 47 45 54 20 2f 66 69 6c 65 5f ?k.o...GE T /file_
0040 74 68 75 6d 62 76 69 65 77 5f 61 70 70 72 6f 76 thumbvie w_approv
0050 65 2f 31 36 30 37 32 36 35 33 2f 31 2f 73 74 6f e/160726 53/1/sto
0060 63 6b 2d 70 68 6f 74 6f 2d 31 36 30 37 32 36 35 ck-photo -1607265
0070 33 2d 6d 6f 6d 2d 61 6e 64 2d 62 61 62 79 2d 73 3-mom-an d-baby-s
0080 6d 69 6c 69 6e 67 2e 6a 70 67 20 48 54 50 2f miling.jp g HTTP/
0090 31 2e 31 0d 0a 48 6f 73 74 3a 20 69 2e 69 73 74 1.1..Hos t: i.ist
00a0 6f 63 6b 69 6d 67 2e 63 6f 6d 0d 0a 55 73 65 72 ocking.c om .User
00b0 2d 41 67 65 6e 74 3a 20 4d 6f 7a 69 6c 6c 61 2f -Agent: Mozilla/

http-pictures101.pcapng Paquetes: 3823 · Mostrado: 2 (0.1%) Perfil: wireshark101

Paso 3 – Ahora cambie el {1,3} a {1,20} y aplicamos este nuevo filtro para ver los resultados. Ahora tres paquetes deben de coincidir con el filtro.

The screenshot shows the Wireshark interface with the filter `http.request.uri matches "baby.{1,20}smiling"` applied. The packet list shows three packets (404, 427, 749) all of type GET. The packet details pane for frame 427 shows the following information:

- Frame 427: 467 bytes on wire (3736 bits), 467 bytes captured (3736 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: 184.28.78.185
- Transmission Control Protocol, Src Port: 16649, Dst Port: 80, Seq: 2904, Ack: 72223, Len: 413
- Hypertext Transfer Protocol

The packet bytes pane shows the raw data of the HTTP request, including the URI `/file_thumbview_approve/16072653/1/stock-photo-16072653-mom-and-baby-smiling.jpg`.

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

The screenshot shows the Wireshark interface with the filter removed. The packet list shows a large number of packets (419 to 426) of various types (ACK, GET, PSH, OK). The packet details pane for frame 427 shows the following information:

- Frame 427: 467 bytes on wire (3736 bits), 467 bytes captured (3736 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: 184.28.78.185
- Transmission Control Protocol, Src Port: 16649, Dst Port: 80, Seq: 2904, Ack: 72223, Len: 413
- Hypertext Transfer Protocol

The packet bytes pane shows the raw data of the HTTP request, including the URI `/file_thumbview_approve/15396533/1/stock-photo-15396533-crying-baby.jpg`.