



**TECNOLÓGICO  
NACIONAL DE MÉXICO**



**INSTITUTO TECNOLÓGICO DE CANCÚN**

**SISTEMAS COMPUTACIONALES**

**MATERIA: Fundamentos de Telecomunicaciones**

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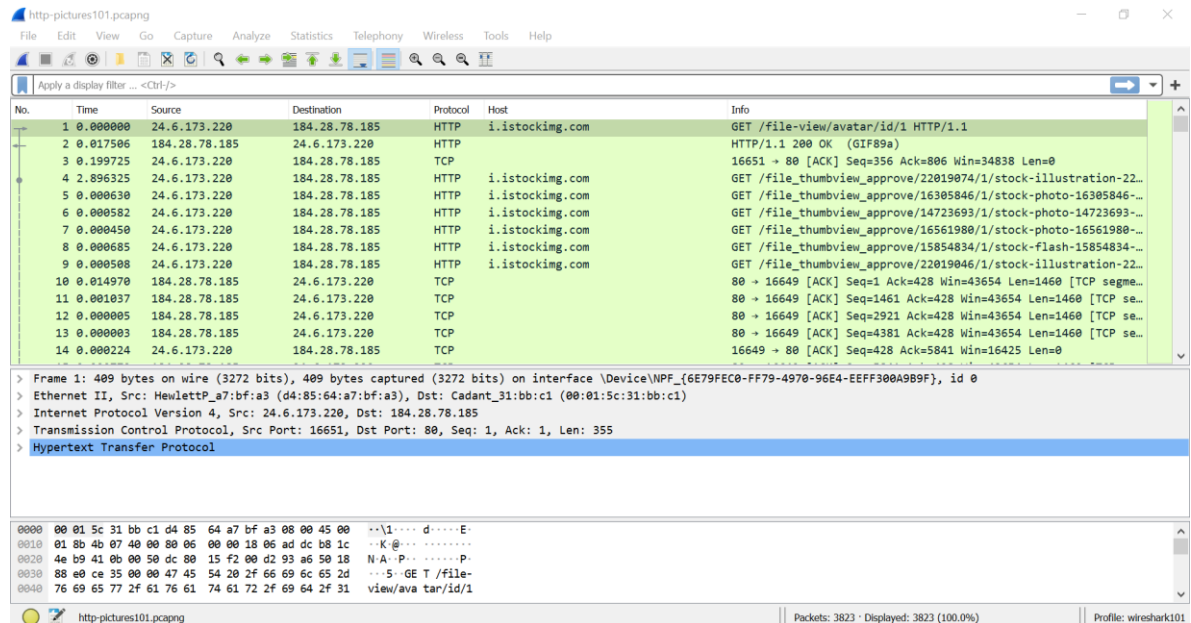
**LABORATORIO: 22**

**Alumno:**

**SARRAGOT PASTRANA WILIAM ADRIEN**

## LAB 22: FILTER WITH WILDCARDS BETWEEN WORDS

Abriremos el archivo http-pictures101.pcapng

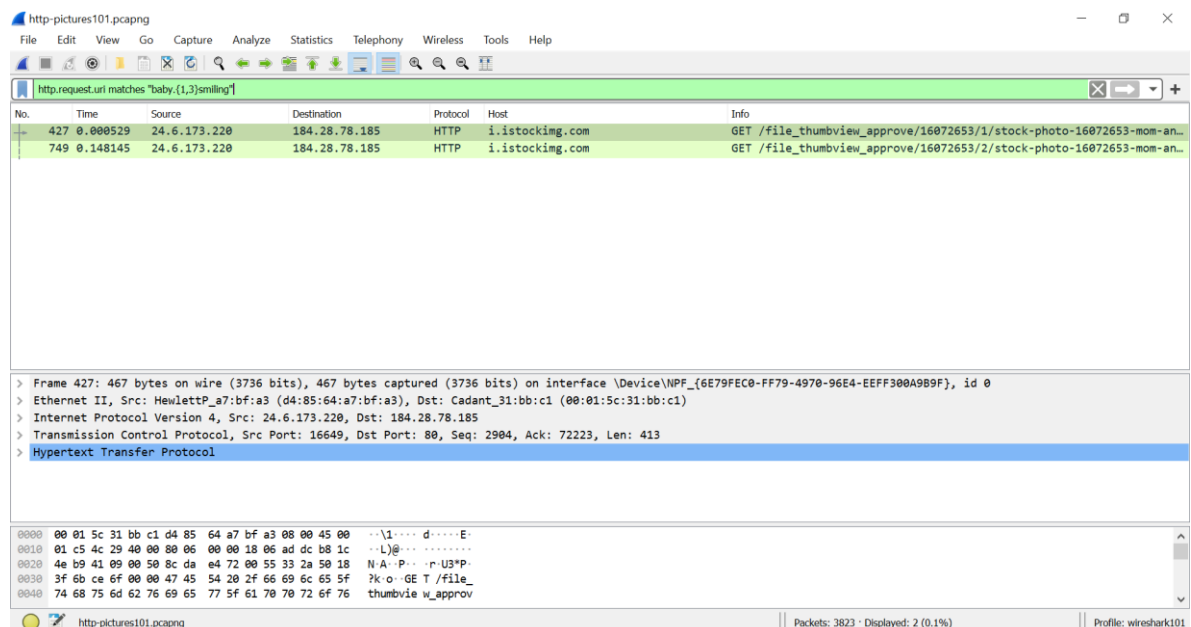


Wireshark interface showing the initial packet list and details for the file http-pictures101.pcapng. The packet list displays 14 packets, and the details pane shows the structure of the first packet (Frame 1).

No.	Time	Source	Destination	Protocol	Host	Info
1	0.000000	24.6.173.220	184.28.78.185	HTTP	i.istockimg.com	GET /file-view/avatar/id/1 HTTP/1.1
2	0.017506	184.28.78.185	24.6.173.220	HTTP		HTTP/1.1 200 OK (GIF89a)
3	0.199725	24.6.173.220	184.28.78.185	TCP		16651 → 80 [ACK] Seq=356 Ack=806 Win=34838 Len=0
4	2.896325	24.6.173.220	184.28.78.185	HTTP	i.istockimg.com	GET /file_thumbview_approve/22019074/1/stock-illustration-22...
5	0.000630	24.6.173.220	184.28.78.185	HTTP	i.istockimg.com	GET /file_thumbview_approve/16305846/1/stock-photo-16305846...
6	0.000582	24.6.173.220	184.28.78.185	HTTP	i.istockimg.com	GET /file_thumbview_approve/14723693/1/stock-photo-14723693...
7	0.000450	24.6.173.220	184.28.78.185	HTTP	i.istockimg.com	GET /file_thumbview_approve/16561980/1/stock-photo-16561980...
8	0.000685	24.6.173.220	184.28.78.185	HTTP	i.istockimg.com	GET /file_thumbview_approve/15854834/1/stock-flash-15854834...
9	0.000508	24.6.173.220	184.28.78.185	HTTP	i.istockimg.com	GET /file_thumbview_approve/22019046/1/stock-illustration-22...
10	0.014970	184.28.78.185	24.6.173.220	TCP		80 → 16649 [ACK] Seq=1 Ack=428 Win=43654 Len=1460 [TCP segme...
11	0.001037	184.28.78.185	24.6.173.220	TCP		80 → 16649 [ACK] Seq=1461 Ack=428 Win=43654 Len=1460 [TCP se...
12	0.000005	184.28.78.185	24.6.173.220	TCP		80 → 16649 [ACK] Seq=2921 Ack=428 Win=43654 Len=1460 [TCP se...
13	0.000003	184.28.78.185	24.6.173.220	TCP		80 → 16649 [ACK] Seq=4381 Ack=428 Win=43654 Len=1460 [TCP se...
14	0.000224	24.6.173.220	184.28.78.185	TCP		16649 → 80 [ACK] Seq=428 Ack=5841 Win=16425 Len=0

Frame 1: 409 bytes on wire (3272 bits), 409 bytes captured (3272 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: 16651, Dst Port: 80, Seq: 1, Ack: 1, Len: 355  
> Hypertext Transfer Protocol

Pondremos el filtro ***http.request.uri matches "baby.{1,3}smiling"***



Wireshark interface showing the filtered packet list and details for the file http-pictures101.pcapng. The filter **http.request.uri matches "baby.{1,3}smiling"** is applied, resulting in 2 packets being displayed.

No.	Time	Source	Destination	Protocol	Host	Info
427	0.000529	24.6.173.220	184.28.78.185	HTTP	i.istockimg.com	GET /file_thumbview_approve/16072653/1/stock-photo-16072653-mom-an...
749	0.148145	24.6.173.220	184.28.78.185	HTTP	i.istockimg.com	GET /file_thumbview_approve/16072653/2/stock-photo-16072653-mom-an...

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

Reemplazaremos {1,3} por {1,20} mostrándonos 3 paquetes

http-pictures101.pcapng

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

http.request.uri matches "baby.(1,20)smiling"

No.	Time	Source	Destination	Protocol	Host	Info
404	0.000401	24.6.173.220	184.28.78.185	HTTP	i.istockimg.com	GET /file_thumbview_approve/10195917/1/stock-video-10195917-baby-o...
427	0.000529	24.6.173.220	184.28.78.185	HTTP	i.istockimg.com	GET /file_thumbview_approve/16072653/1/stock-photo-16072653-mom-an...
749	0.148145	24.6.173.220	184.28.78.185	HTTP	i.istockimg.com	GET /file_thumbview_approve/16072653/2/stock-photo-16072653-mom-an...