

Instituto Tecnológico de Cancún

Ingeniería en Sistemas Computacionales

Fundamentos de Telecomunicaciones

**Lab22 - Filter with Wildcards between
Words**

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Lab22 - Filter with Wildcards between Words

1 Abrimos el archivo http-pictures101.pcapng

2. Ponemos el filtro http.request.uri matches "baby.{1,3}smiling" y aparecerán 2 paquetes

Wireshark interface showing the filter `http.request.uri matches "baby.{1,3}smiling"`. The packet list shows two packets:

| No. | Time | Source | Destination | Protocol | Info |
|-----|----------|--------------|---------------|----------|---|
| 427 | 0.000529 | 24.6.173.220 | 184.28.78.185 | HTTP | GET /file_thumbview_approve/16072653/1/stock-photo-16072653-mom-and-baby-smiling.jpg HTTP/1.1 |
| 749 | 0.148145 | 24.6.173.220 | 184.28.78.185 | HTTP | GET /file_thumbview_approve/16072653/2/stock-photo-16072653-mom-and-baby-smiling.jpg HTTP/1.1 |

The packet details for packet 749 show the HTTP GET request structure:

```
> GET /file_thumbview_approve/16072653/2/stock-photo-16072653-mom-and-baby-smiling.jpg HTTP/1.1\r\n
> [Expert Info (Chat/Sequence): GET /file_thumbview_approve/16072653/2/stock-photo-16072653-mom-and-baby-smiling.jpg HTTP/1.1\r\n]
> [Sequence: 16072653]
```

3. Ahora cambiamos {1,3} por {1,20} y nos aparecerán 3 paquetes

Wireshark interface showing the filter `http.request.uri matches "baby.{1,20}smiling"`. The packet list shows three packets:

| No. | Time | Source | Destination | Protocol | Info |
|-----|----------|--------------|---------------|----------|--|
| 404 | 0.000481 | 24.6.173.220 | 184.28.78.185 | HTTP | GET /file_thumbview_approve/10195917/1/stock-video-10195917-baby-on-belly-smiling.jpg HTTP/1.1 |
| 427 | 0.000529 | 24.6.173.220 | 184.28.78.185 | HTTP | GET /file_thumbview_approve/16072653/1/stock-photo-16072653-mom-and-baby-smiling.jpg HTTP/1.1 |
| 749 | 0.148145 | 24.6.173.220 | 184.28.78.185 | HTTP | GET /file_thumbview_approve/16072653/2/stock-photo-16072653-mom-and-baby-smiling.jpg HTTP/1.1 |

The packet details for packet 749 show the HTTP GET request structure:

```
> GET /file_thumbview_approve/16072653/2/stock-photo-16072653-mom-and-baby-smiling.jpg HTTP/1.1\r\n
> [Expert Info (Chat/Sequence): GET /file_thumbview_approve/16072653/2/stock-photo-16072653-mom-and-baby-smiling.jpg HTTP/1.1\r\n]
> [Sequence: 16072653]
```