



TECNOLOGICO NACIONAL DE MEXICO

INSTITUTO TECNOLÓGICO DE CANCÚN

FUNDAMENTOS DE TELECOMUNICACIONES

Ingeniería en Sistemas Computacionales

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ACTIVIDAD

“LABORATORIO 18”

UNIDAD 3

1)

mybackground101.pcapng

Archivo Edición Visualización Ir Captura Analizar Estadísticas Telefonía Wireless Herramientas Ayuda

dns

No.	Time	Source	Destination	Protocol	Info
29	1.750551	75.75.75.75	24.6.173.220	DNS	Standard query response 0x5183 A javadl-esd-secure.oracle.com CNAME javadl-esd-secure.oracle.com.edgekey.net CNAME e54...
31	1.785678	75.75.75.75	24.6.173.220	DNS	Standard query response 0x5ae1 AAAA javadl-esd-secure.oracle.com CNAME javadl-esd-secure.oracle.com.edgekey.net CNAME ...
128	33.851...	75.75.75.75	24.6.173.220	DNS	Standard query response 0x4372 A api.memeo.info A 216.115.74.235
130	33.888...	75.75.75.75	24.6.173.220	DNS	Standard query response 0xb27b AAAA api.memeo.info SOA a4.nstld.com
421	91.232...	75.75.75.75	24.6.173.220	DNS	Standard query response 0x81b6 A api.memeo.com A 216.115.74.202
423	91.248...	75.75.75.75	24.6.173.220	DNS	Standard query response 0xe061 AAAA api.memeo.com SOA a4.nstld.com
451	100.67...	75.75.75.75	24.6.173.220	DNS	Standard query response 0xaad8 A memeo.info A 216.115.74.234
453	100.69...	75.75.75.75	24.6.173.220	DNS	Standard query response 0xb69b AAAA memeo.info SOA a4.nstld.com
28	1.715663	24.6.173.220	75.75.75.75	DNS	Standard query 0x5183 A javadl-esd-secure.oracle.com
30	1.751206	24.6.173.220	75.75.75.75	DNS	Standard query 0x5ae1 AAAA javadl-esd-secure.oracle.com
127	33.819...	24.6.173.220	75.75.75.75	DNS	Standard query 0x4372 A api.memeo.info

> Frame 28: 88 bytes on wire (704 bits), 88 bytes captured (704 bits) on interface \Device\NPF\_{6E79FEC0-FF79-4970-96E4-EFFF300A9B9F}, 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: 75.75.75.75  
 > User Datagram Protocol, Src Port: 58537, Dst Port: 53  
 > Domain Name System (query)

```

0000 00 01 5c 31 bb c1 d4 85 64 a7 bf a3 00 00 45 00  ..\1....d.....E.
0010 00 4a 04 cd 00 00 80 11 00 00 18 06 ad dc 4b 4b  ..J.....KK
0020 4b 4b e4 a9 00 35 00 36 5c c0 51 83 01 00 00 01  KK...5.6 \Q....
0030 00 00 00 00 00 11 6a 61 76 61 64 6c 2d 65 73    .....j avadl-es
0040 64 2d 73 65 63 75 72 65 06 6f 72 61 63 6c 65 83  d-secure oracle-
0050 63 6f 6d 00 00 01 00 01                          com.....
  
```

Domain Name System: Protocol Paquetes: 514 • Mostrado: 16 (3.1%) Perfi: wireshark101

2)

http-errors101.pcapng

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dns.flags.rcode==3

No.	Time	Source	Destination	Protocol	Info
9	0.149733	198.66.239.146	24.6.173.220	HTTP	HTTP/1.1 404 Not Found (text/html)
10	0.227096	24.6.173.220	198.66.239.146	HTTP	GET /favicon.ico HTTP/1.1
11	0.245972	198.66.239.146	24.6.173.220	HTTP	200 OK (text/html)
12	0.247207	198.66.239.146	24.6.173.220	HTTP	200 OK (text/html)
13	0.247211	198.66.239.146	24.6.173.220	HTTP	200 OK (text/html)
14	0.247218	198.66.239.146	24.6.173.220	HTTP	200 OK (text/html)
15	0.247222	198.66.239.146	24.6.173.220	HTTP	200 OK (text/html)
16	0.247457	198.66.239.146	24.6.173.220	HTTP	200 OK (text/html)
17	0.247457	198.66.239.146	24.6.173.220	HTTP	200 OK (text/html)
18	0.247457	198.66.239.146	24.6.173.220	HTTP	200 OK (text/html)
19	0.247457	198.66.239.146	24.6.173.220	HTTP	200 OK (text/html)

> Frame 18: 152 bytes on wire (1216 bits), 152 bytes captured (1216 bits) on interface \Device\NPF\_{6E79FEC0-FF79-4970-96E4-EFFF300A9B9F}, 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: 75.75.75.75  
 > User Datagram Protocol, Src Port: 58537, Dst Port: 53  
 > Domain Name System (query)

Transaction ID: 0x8e30  
 Flags: 0x8183 Standard query response, No such name  
 1... .. = Response: Message is a response  
 .000 0... .. = Opcode: Standard query (0)  
 ....0... .. = Authoritative: Server is not an authority for domain  
 ....0... .. = Truncated: Message is not truncated  
 ....1... .. = Recursion desired: Do query recursively  
 ....0... .. = Z: reserved (0)  
 ....0... .. = Answer authenticated: Answer/authority portion was not authenticated by the server  
 ....0... .. = Non-authenticated data: Unacceptable  
 ....0... .. = Reply code: No such name (3)  
 Questions: 1

```

0000 d4 85 64 a7 bf a3 00 01 5c 31 bb c1 00 00 45 00  ..d...1....E.
0010 00 8a 00 00 40 00 3b 11 e2 aa 4b 4b 4b 18 06  ..@j...KKKK..
0020 ad dc 00 35 e0 f1 00 76 28 a4 8e 30 81 83 00 01  ..5...v \Q....
0030 00 00 00 01 00 00 03 77 77 7f 0b 63 68 61 70 70  .....w ww.chapp
0040 65 6c 6c 75 75 03 63 6f 6d 00 00 01 00 01 c0    elluuu:c om.....
0050 1c 00 06 00 01 00 00 83 84 00 3d 01 61 0c 67 74  .....= a:gt
0060 6c 64 2d 73 65 72 76 65 72 73 03 6e 65 74 00 05  ld-serve rs.net..
0070 6e 73 74 6c 64 0c 76 65 72 69 73 69 67 6e 2d 67  nstld-ve risign-g
0080 72 73 c0 1c 50 94 1d b8 00 00 07 08 00 00 03 84  rs--P... ..
0090 00 09 3a 80 00 01 51 80                          ....Q-
  
```

Bytes 4-8: 16 bit (eth.src.ip)

Cerrar Ayuda Perfi: wireshark101