TECNOLOGICO NACIONAL DE MEXICO

INSTITUTO TECNOLÓGICO DE CANCÚN

FUNDAMENTOS DE TELECOMUNICACIONES

Ingeniería en Sistemas Computacionales

ALUMNO: OSWALDO ENRIQUE TUYUB JIMENEZ

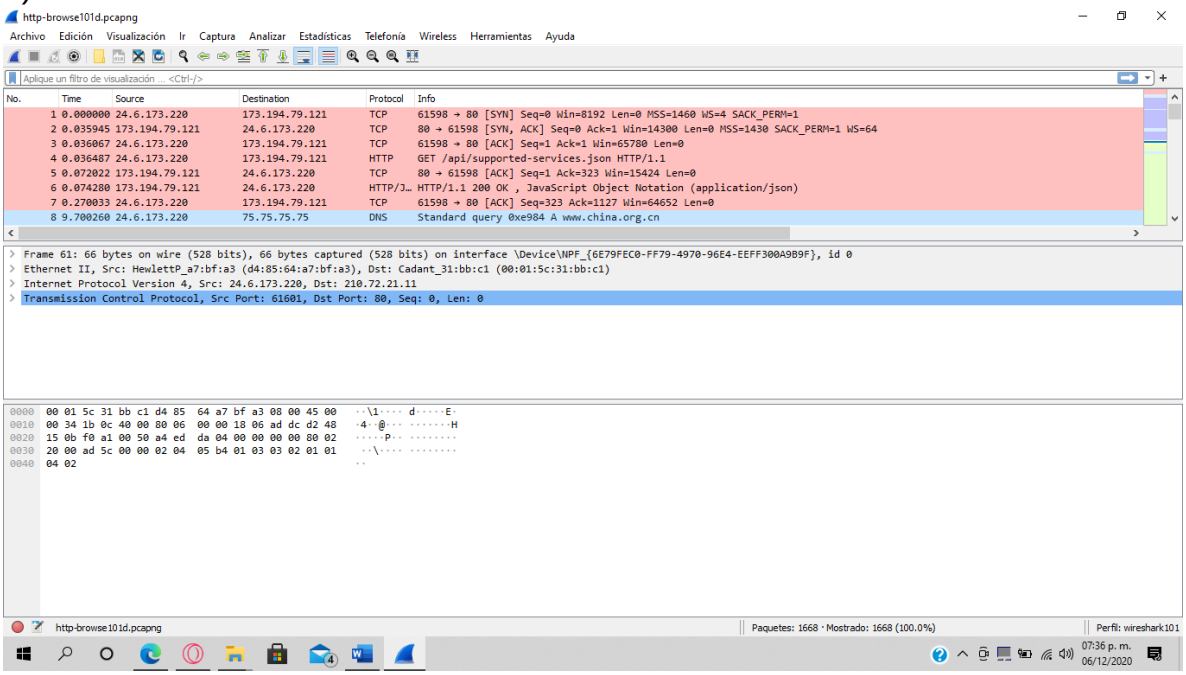
DOCENTE: ING. ISMAEL JIMENEZ SANCHEZ

ACTIVIDAD

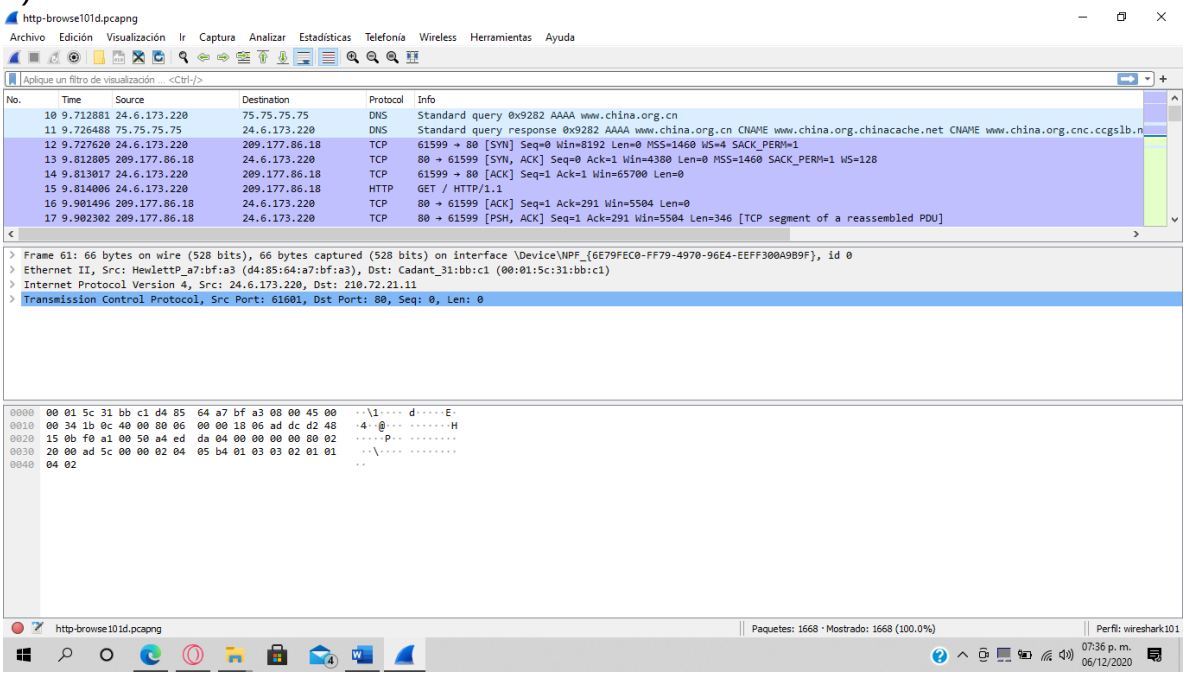
“LABORATORIO 27”

UNIDAD 3

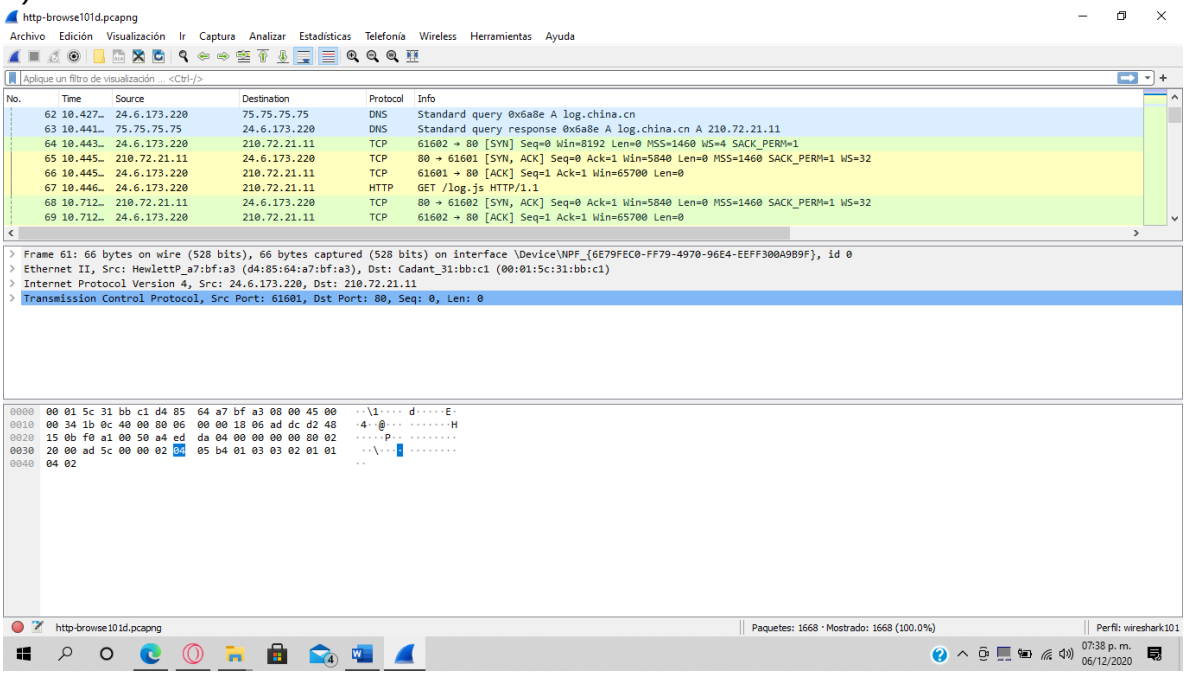
1)


http-browse101d.pcapng
Archivo Edición Visualización Ir Captura Analizar Estadísticas Telefonía Wireless Herramientas Ayuda
Aplique un filtro de visualización ... <Ctrl-/>
No. Time Source Destination Protocol Info
1 0.000000 24.6.173.220 173.194.79.121 TCP 61598 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
2 0.035945 173.194.79.121 24.6.173.220 TCP 80 → 61598 [SYN, ACK] Seq=0 Ack=1 Win=14300 Len=0 MSS=1430 SACK_PERM=1 WS=64
3 0.036067 24.6.173.220 173.194.79.121 TCP 61598 → 80 [ACK] Seq=1 Ack=1 Win=65780 Len=0
4 0.036487 24.6.173.220 173.194.79.121 HTTP GET /api/supported-services.json HTTP/1.1
5 0.072022 173.194.79.121 24.6.173.220 TCP 80 → 61598 [ACK] Seq=1 Ack=323 Win=15424 Len=0
6 0.074280 173.194.79.121 24.6.173.220 HTTP/J… HTTP/1.1 200 OK , JavaScript Object Notation (application/json)
7 0.270033 24.6.173.220 173.194.79.121 TCP 61598 → 80 [ACK] Seq=323 Ack=1127 Win=64652 Len=0
8 9.700260 24.6.173.220 75.75.75.75 DNS Standard query 0xe984 A www.china.org.cn
Frame 61: 66 bytes on wire (528 bits), 66 bytes captured (528 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: 210.72.21.11
Transmission Control Protocol, Src Port: 61601, Dst Port: 80, Seq: 0, Len: 0
0000 00 01 5c 31 bb c1 d4 85 64 a7 bf a3 08 00 45 00
0010 00 34 1b 0c 40 00 80 06 00 00 18 06 ad dc d2 48
0020 15 0b f0 a1 00 50 a4 ed da 04 00 00 00 00 80 02
0030 20 00 ad 5c 00 00 02 04 05 b4 01 03 03 02 01 01
0040 04 02
http-browse101d.pcapng
Paquetes: 1668 · Mostrado: 1668 (100.0%)
Perfil: wireshark101
07:36 p. m.
06/12/2020

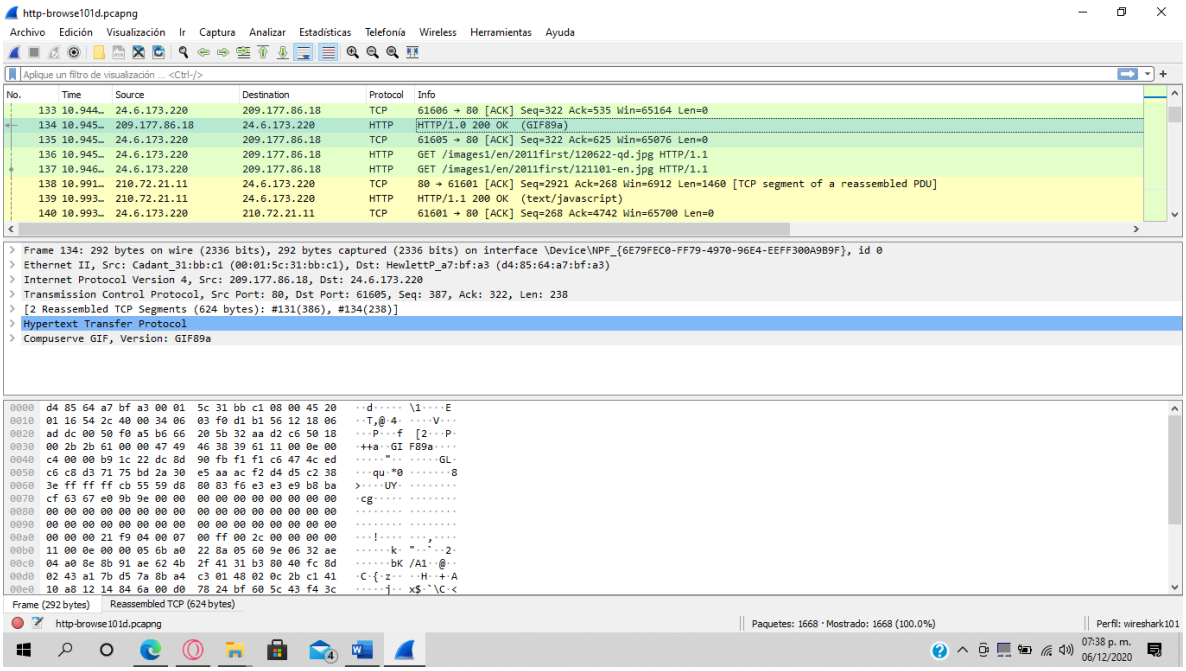
2)


http-browse101d.pcapng
Archivo Edición Visualización Ir Captura Analizar Estadísticas Telefonía Wireless Herramientas Ayuda
Aplique un filtro de visualización ... <Ctrl-/>
No. Time Source Destination Protocol Info
10 9.712881 24.6.173.220 75.75.75.75 DNS Standard query 0x9282 AAAA www.china.org.cn
11 9.726488 75.75.75.75 24.6.173.220 DNS Standard query response 0x9282 AAAA www.china.org.cn CNAME www.china.org.chinacache.net CNAME www.china.org.cnc.ccgslb.n
12 9.727620 24.6.173.220 209.177.86.18 TCP 61599 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
13 9.812805 209.177.86.18 24.6.173.220 TCP 80 → 61599 [SYN, ACK] Seq=0 Ack=1 Win=4380 Len=0 MSS=1460 SACK_PERM=1 WS=128
14 9.813017 24.6.173.220 209.177.86.18 TCP 61599 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0
15 9.814006 24.6.173.220 209.177.86.18 HTTP GET / HTTP/1.1
16 9.901496 209.177.86.18 24.6.173.220 TCP 80 → 61599 [ACK] Seq=1 Ack=291 Win=5504 Len=0
17 9.902302 209.177.86.18 24.6.173.220 TCP 80 → 61599 [PSH, ACK] Seq=1 Ack=291 Win=5504 Len=346 [TCP segment of a reassembled PDU]
Frame 61: 66 bytes on wire (528 bits), 66 bytes captured (528 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: 210.72.21.11
Transmission Control Protocol, Src Port: 61601, Dst Port: 80, Seq: 0, Len: 0
0000 00 01 5c 31 bb c1 d4 85 64 a7 bf a3 08 00 45 00
0010 00 34 1b 0c 40 00 80 06 00 00 18 06 ad dc d2 48
0020 15 0b f0 a1 00 50 a4 ed da 04 00 00 00 00 80 02
0030 20 00 ad 5c 00 00 02 04 05 b4 01 03 03 02 01 01
0040 04 02
http-browse101d.pcapng
Paquetes: 1668 · Mostrado: 1668 (100.0%)
Perfil: wireshark101
07:36 p. m.
06/12/2020

3)


http-browse101d.pcapng
Archivo Edición Visualización Ir Captura Analizar Estadísticas Telefonía Wireless Herramientas Ayuda
Aplique un filtro de visualización ... <Ctrl-/>
No. Time Source Destination Protocol Info
62 10.427… 24.6.173.220 75.75.75.75 DNS Standard query 0x6a8e A log.china.cn
63 10.441… 75.75.75.75 24.6.173.220 DNS Standard query response 0x6a8e A log.china.cn A 210.72.21.11
64 10.443… 24.6.173.220 210.72.21.11 TCP 61602 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_PERM=1
65 10.445… 210.72.21.11 24.6.173.220 TCP 80 → 61601 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1460 SACK_PERM=1 WS=32
66 10.445… 24.6.173.220 210.72.21.11 TCP 61601 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0
67 10.446… 24.6.173.220 210.72.21.11 HTTP GET /log.js HTTP/1.1
68 10.712… 210.72.21.11 24.6.173.220 TCP 80 → 61602 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1460 SACK_PERM=1 WS=32
69 10.712… 24.6.173.220 210.72.21.11 TCP 61602 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0
Frame 61: 66 bytes on wire (528 bits), 66 bytes captured (528 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: 210.72.21.11
Transmission Control Protocol, Src Port: 61601, Dst Port: 80, Seq: 0, Len: 0
0000 00 01 5c 31 bb c1 d4 85 64 a7 bf a3 08 00 45 00
0010 00 34 1b 0c 40 00 80 06 00 00 18 06 ad dc d2 48
0020 15 0b f0 a1 00 50 a4 ed da 04 00 00 00 00 80 02
0030 20 00 ad 5c 00 00 02 04 05 b4 01 03 03 02 01 01
0040 04 02
http-browse101d.pcapng
Paquetes: 1668 · Mostrado: 1668 (100.0%)
Perfil: wireshark101
07:38 p. m.
06/12/2020

4)


http-browse101d.pcapng
Archivo Edición Visualización Ir Captura Analizar Estadísticas Telefonía Wireless Herramientas Ayuda
Aplique un filtro de visualización ... <Ctrl-/>
No. Time Source Destination Protocol Info
133 10.944… 24.6.173.220 209.177.86.18 TCP 61606 → 80 [ACK] Seq=322 Ack=535 Win=65164 Len=0
134 10.945… 209.177.86.18 24.6.173.220 HTTP HTTP/1.0 200 OK (GIF89a)
135 10.945… 24.6.173.220 209.177.86.18 TCP 61605 → 80 [ACK] Seq=322 Ack=625 Win=65076 Len=0
136 10.945… 24.6.173.220 209.177.86.18 HTTP GET /images1/en/2011first/120622-qd.jpg HTTP/1.1
137 10.946… 24.6.173.220 209.177.86.18 HTTP GET /images1/en/2011first/121101-en.jpg HTTP/1.1
138 10.991… 210.72.21.11 24.6.173.220 TCP 80 → 61601 [ACK] Seq=2921 Ack=268 Win=6912 Len=1460 [TCP segment of a reassembled PDU]
139 10.993… 210.72.21.11 24.6.173.220 HTTP HTTP/1.1 200 OK (text/javascript)
140 10.993… 24.6.173.220 210.72.21.11 TCP 61601 → 80 [ACK] Seq=268 Ack=4742 Win=65700 Len=0
Frame 134: 292 bytes on wire (2336 bits), 292 bytes captured (2336 bits) on interface \Device\NPF_{6E79FEC0-FF79-4970-96E4-EEFF300A9B9F}, id 0
Ethernet II, Src: Cadant_31:bb:c1 (00:01:5c:31:bb:c1), Dst: HewlettP_a7:bf:a3 (d4:85:64:a7:bf:a3)
Internet Protocol Version 4, Src: 209.177.86.18, Dst: 24.6.173.220
Transmission Control Protocol, Src Port: 80, Dst Port: 61605, Seq: 387, Ack: 322, Len: 238
[2 Reassembled TCP Segments (624 bytes): #131(386), #134(238)]
Hypertext Transfer Protocol
Compuserve GIF, Version: GIF89a
0000 d4 85 64 a7 bf a3 00 01 5c 31 bb c1 08 00 45 20
0010 01 16 54 2c 40 00 34 06 03 f0 d1 b1 56 12 18 06
0020 ad dc 00 50 f0 a5 b6 66 20 5b 32 aa d2 c6 50 18
0030 00 2b 2b 61 00 00 47 49 46 38 39 61 11 00 0e 00
0040 c4 00 00 b9 1c 22 dc 8d 90 fb f1 f1 c6 47 4c ed
0050 c6 c8 d3 71 75 bd 2a 30 e5 aa ac f2 d4 d5 c2 38
0060 3e ff ff ff cb 55 59 d8 80 83 f6 e3 e3 e9 b8 ba
0070 cf 63 67 e0 9b 9e 00 00 00 00 00 00 00 00 00 00
0080 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
0090 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00
00a0 00 00 00 21 f9 04 00 07 00 ff 00 2c 00 00 00 00
00b0 11 00 0e 00 00 05 6b a0 22 8a 05 60 9e 06 32 ae
00c0 04 a0 8e 8b 91 ae 62 4b 2f 41 31 b3 80 40 fc 8d
00d0 02 43 a1 7b d5 7a 8b a4 c3 01 48 02 0c 2b c1 41
00e0 10 a8 12 14 84 6a 00 d0 78 24 bf 60 5c 43 f4 3c
Frame (292 bytes)
Reassembled TCP (624 bytes)
http-browse101d.pcapng
Paquetes: 1668 · Mostrado: 1668 (100.0%)
Perfil: wireshark101
07:38 p. m.
06/12/2020