



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 14”

UNIDAD 3

1)

The image shows a Wireshark capture of an HTTP GET request. The packet list pane shows a single packet (No. 8) at time 0.054566, source 24.6.173.220, destination 208.93.137.1, protocol HTTP, and info GET /feedback/ HTTP/1.1. The packet details pane shows the Ethernet II, Internet Protocol Version 4, Transmission Control Protocol, and Hypertext Transfer Protocol layers. The packet bytes pane shows the raw data of the packet.

No.	Time	Source	Destination	Protocol	Info
8	0.054566	24.6.173.220	208.93.137.1	HTTP	GET /feedback/ HTTP/1.1

> Frame 8: 549 bytes on wire (4392 bits), 549 bytes captured (4392 bits) on interface \Device\NPF_{6E79FEC0-FF79-4970-96E4-EEFF300A989F}, 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: 208.93.137.180
> Transmission Control Protocol, Src Port: 10615, Dst Port: 80, Seq: 1, Ack: 1, Len: 495
> Hypertext Transfer Protocol

2)

The image shows a Wireshark capture of an HTTP GET request. The packet list pane shows a single packet (No. 8) at time 0.054566, source 24.6.173.220, destination 208.93.137.180, protocol HTTP, and info GET /feedback/ HTTP/1.1. The packet details pane shows the Ethernet II, Internet Protocol Version 4, Transmission Control Protocol, and Hypertext Transfer Protocol layers. The packet bytes pane shows the raw data of the packet.

No.	Time	Source	Destination	Protocol	Host	Info
8	0.054566	24.6.173.220	208.93.137.180	HTTP	www.sfgate.com	GET /feedback/ HTTP/1.1

> Frame 8: 549 bytes on wire (4392 bits), 549 bytes captured (4392 bits) on interface \Device\NPF_{6E79FEC0-FF79-4970-96E4-EEFF300A989F}, 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: 208.93.137.180
> Transmission Control Protocol, Src Port: 10615, Dst Port: 80, Seq: 1, Ack: 1, Len: 495
> Hypertext Transfer Protocol
GET /feedback/ HTTP/1.1\r\nHost: www.sfgate.com\r\nUser-Agent: Mozilla/5.0 (Windows NT 6.1; WOW64; rv:16.0) Gecko/20100101 Firefox/16.0\r\nAccept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8\r\nAccept-Language: en-US,en;q=0.5\r\nAccept-Encoding: gzip, deflate\r\nConnection: keep-alive\r\n

3)

http-sfgate101.pcapng

Archivo Edición Visualización Ir Captura Analizar Estadísticas Telefonía Wireless Herramientas Ayuda

http.host contains "hearts"

No.	Time	Source	Destination	Protocol	Host	Info
124	0.295795	24.6.173.220	208.93.137.180	HTTP	www.sfgate.com	GET /js/hdn/ysmwrapper.js HTTP/1.1
84	0.278562	24.6.173.220	208.93.137.180	HTTP	www.sfgate.com	GET /js/hdn/omniture/analyticssvc.js HTTP/1.1
83	0.278273	24.6.173.220	208.93.137.180	HTTP	www.sfgate.com	GET /js/hdn/omniture/s_code.js HTTP/1.1
68	0.275990	24.6.173.220	208.93.137.180	HTTP	www.sfgate.com	GET /js/omniture/analyticssvc.js HTTP/1.1
43	0.252170	24.6.173.220	208.93.137.180	HTTP	www.sfgate.com	GET /external/js/global.top.2.8.4p3.19000.js HTTP/1.1
42	0.251759	24.6.173.220	208.93.137.180	HTTP	www.sfgate.com	GET /css/pages/sections/feedback.css HTTP/1.1
37	0.250116	24.6.173.220	208.93.137.180	HTTP	www.sfgate.com	GET /external/js/global.header.2.8.4p3.19000.js HTTP/1.1
34	0.249817	24.6.173.220	208.93.137.180	HTTP	www.sfgate.com	GET /external/css/global.site.2.8.4p3.19000.css HTTP/1.1
33	0.249392	24.6.173.220	208.93.137.180	HTTP	www.sfgate.com	GET /external/css/global.shared.2.8.4p3.19000.css HTTP/1.1
8	0.04566	24.6.173.220	208.93.137.180	HTTP	www.sfgate.com	GET /feedback/ HTTP/1.1

[Window size scaling factor: 4]
Checksum: 0x21fe [unverified]
[Checksum Status: Unverified]
Urgent Pointer: 0
> [SEQ/ACK analysis]
> [Timestamps]
TCP payload (495 bytes)

Hypertext Transfer Protocol
> GET /feedback/ HTTP/1.1
Host: www.sfgate.com
User-Agent: Mozilla/5.0 (Windows NT 6.1; WOW64; rv:16.0) Gecko/20100101 Firefox/16.0

0040 61 63 6b 2f 20 48 54 50 2f 31 2e 31 0d 0a 4d
0050 6f 73 74 3a 20 77 77 77 2e 73 66 67 61 74 65 2c
0060 63 6f 6d 0d 0a 55 73 65 72 2d 41 67 65 6e 74 3a
0070 20 4d 6f 7a 69 6c 6c 61 2f 35 2e 30 28 57 69
0080 6e 64 6f 77 73 20 4e 54 20 36 2e 31 3b 20 57 4f
0090 57 36 34 30 20 72 76 3a 31 36 2e 30 29 20 47 65
00a0 63 6b 6f 2f 32 30 31 30 31 30 31 20 46 69 72
00b0 65 66 6f 78 2f 31 36 2e 30 0d 0a 41 63 63 65 70
00c0 74 3a 20 74 65 78 74 2f 68 74 6d 6c 2c 61 70 70
00d0 6c 69 63 61 74 69 6f 6e 2f 78 68 74 6d 6c 2b 78
00e0 6d 6c 2c 61 70 70 6c 69 63 61 74 69 6f 6e 2f 78
00f0 6d 6c 3b 71 3d 30 2e 39 2c 2a 2f 2a 3b 71 3d 30

ack/ HTTP/1.1
Host: www.sfgate.com
User-Agent: Mozilla/5.0 (Windows NT 6.1; WOW64; rv:16.0) Gecko/20100101 Firefox/16.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

Host: Character string Paquetes: 11678 · Mostrado: 464 (4.0%) Perfi: wireshark101

4)

http-sfgate101.pcapng

Archivo Edición Visualización Ir Captura Analizar Estadísticas Telefonía Wireless Herramientas Ayuda

http.request.method=="POST"

No.	Time	Source	Destination	Protocol	Host	Info
10406	72.881...	24.6.173.220	208.81.191.110	HTTP	www.meebo.com	POST /cmd/cx HTTP/1.1 (application/x-www-form-urlencoded)
3476	8.535358	24.6.173.220	208.81.191.110	HTTP	www.meebo.com	POST /cmd/getrotate HTTP/1.1 (application/x-www-form-urlencoded)
3419	8.290154	24.6.173.220	208.81.191.110	HTTP	www.meebo.com	POST /cmd/tc HTTP/1.1 (application/x-www-form-urlencoded)
3418	8.289794	24.6.173.220	208.81.191.110	HTTP	www.meebo.com	POST /cmd/cx HTTP/1.1 (application/x-www-form-urlencoded)
898	1.455822	24.6.173.220	199.7.57.72	OCSP	ocsp.verisign.com	Request
897	1.454698	24.6.173.220	199.7.57.72	OCSP	ocsp.verisign.com	Request
865	1.441275	24.6.173.220	199.7.57.72	OCSP	ocsp.verisign.com	Request
864	1.440845	24.6.173.220	199.7.57.72	OCSP	ocsp.verisign.com	Request
859	1.440335	24.6.173.220	199.7.57.72	OCSP	ocsp.verisign.com	Request
10077	67.615...	24.6.173.220	208.93.137.180	HTTP	www.sfgate.com	POST /sfgate/modules/frontend/cfeConnectMailHandler.php HTTP/1.1 (application/x-www-form-urlencoded)

[Checksum Status: Unverified]
Urgent Pointer: 0
> [SEQ/ACK analysis]
> [Timestamps]
TCP payload (468 bytes)

Hypertext Transfer Protocol
> POST / HTTP/1.1
> [Expert Info (Chat/Sequence): POST / HTTP/1.1]
Request Method: POST
Request URI: /
Request Version: HTTP/1.1
Host: ocsp.verisign.com

0040 50 2f 31 2e 31 0d 0a 48 6f 73 74 3a 20 6f 63 73
0050 70 2e 76 65 72 69 73 69 67 6e 2e 63 6f 6d 0d 0a
0060 55 73 65 72 2d 41 67 65 6e 74 3a 20 4d 6f 7a 69
0070 6c 6c 61 2f 35 2e 30 20 28 57 69 6e 64 6f 77 73
0080 20 4e 54 20 36 2e 31 3b 20 57 4f 57 36 3a 3b 20
0090 72 76 3a 31 36 2e 30 29 20 47 65 63 6b 6f 2f 32
00a0 30 31 30 30 31 30 31 20 46 69 72 65 66 6f 78 2f
00b0 31 36 2e 30 0d 0a 41 63 63 65 70 74 3a 20 74 65
00c0 78 74 2f 68 74 6d 6c 2c 61 70 70 6c 69 63 61 74
00d0 69 6f 6e 2f 78 68 74 6d 6c 2b 78 6d 6c 2c 61 70
00e0 70 6c 69 63 61 74 69 6f 6e 2f 78 6d 6c 3b 71 3d
00f0 30 2e 39 2c 2a 2f 2a 3b 71 3d 30 2e 38 0d 0a 41

P/1.1... Host: ocsp.verisign.com
User-Agent: Mozilla/5.0 (Windows NT 6.1; WOW64; rv:16.0) Gecko/20100101 Firefox/16.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8

HTTP Host (http.host), 25 byte(s) Paquetes: 11678 · Mostrado: 12 (0.1%) Perfi: wireshark101

5)

http-sfgate101.pcapng

Archivo Edición Visualización Ir Captura Analizar Estadísticas Telefonía Wireless Herramientas Ayuda

http.request.method== "POST"

Time	Source	Destination	Protocol	Host	Info
2043	4.100721	24.6.173.220	HTTP	ad.auditude.com	POST /adserver?u=97df6f8f08d8730261d4b44204353b4c&u=69832e95d26ae65e69ac72002a0be78c&z...
10578	73.392.	24.6.173.220	HTTP	ad.auditude.com	POST /adserver?u=97df6f8f08d8730261d4b44204353b4c&u=69832e95d26ae65e69ac72002a0be78c&z...
10022	67.615.	24.6.173.220	HTTP	extras.sfgate.com	POST /sfgate/modules/formHandlers/sfgSupportMailHandler.php HTTP/1.1 (application/x-w...
859	1.440335	24.6.173.220	OCSP	ocsp.verisign.com	Request
864	1.440845	24.6.173.220	OCSP	ocsp.verisign.com	Request
865	1.441275	24.6.173.220	OCSP	ocsp.verisign.com	Request
897	1.454698	24.6.173.220	OCSP	ocsp.verisign.com	Request
898	1.455022	24.6.173.220	OCSP	ocsp.verisign.com	Request
3418	8.289794	24.6.173.220	HTTP	www.meebo.com	POST /cmd/cx HTTP/1.1 (application/x-www-form-urlencoded)
4410	8.290194	24.6.173.220	HTTP	www.meebo.com	POST /cmd/cx HTTP/1.1 (application/x-www-form-urlencoded)

> [SEQ/ACK analysis]
> [Timestamps]
TCP payload (1541 bytes)
Hypertext Transfer Protocol
POST /sfgate/modules/formHandlers/sfgSupportMailHandler.php HTTP/1.1\r\n
> [Expert Info (Chat/Sequence): POST /sfgate/modules/formHandlers/sfgSupportMailHandler.php HTTP/1.1\r\n]
Request Method: POST
Request URI: /sfgate/modules/formHandlers/sfgSupportMailHandler.php
Request Version: HTTP/1.1
Host: extras.sfgate.com\r\n
User-Agent: Mozilla/5.0 (Windows NT 6.1; WOW64; rv:16.0) Gecko/20100101 Firefox/16.0\r\n

0070 70 20 48 54 50 2f 31 2e 31 0d 0a 48 6f 73 74 p HTTP/1.1..Host
0080 83 20 63 70 74 72 61 73 2e 72 63 67 61 24 03 2d : extras.sfgate.
0090 63 6f 6d 0d 04 55 79 65 72 2d 41 67 65 6e 74 3a com Use r-Agent:
00a0 20 4d 6f 7a 69 6c 6c 61 2f 35 2e 30 20 20 57 69 Mozilla /5.0 (Wi
00b0 6e 64 6f 77 73 20 4e 54 20 36 2e 31 3b 20 57 4f ndows NT 6.1; W
00c0 57 36 34 3b 20 72 76 3a 31 36 2e 30 29 20 47 65 W64; rv: 16.0) Ge
00d0 63 6b 6f 2f 32 30 31 30 30 31 30 31 20 46 69 72 cko/2010 0101 Fir
00e0 65 6d 6f 78 2f 31 36 2e 30 0d 0a 41 63 63 65 70 efox/16. 0-Accep
00f0 74 3a 20 74 65 78 74 2f 68 74 6d 6c 2c 61 70 70 t: text/ html,app
0100 6c 69 63 61 74 69 6f 6e 2f 78 68 74 6d 6c 2b 78 lication /html+x
0110 6d 6c 2c 61 70 70 6c 69 63 61 74 69 6f 6e 2f 78 ml,appli cation/x
0120 6d 6c 3b 71 3d 30 2e 39 2c 2a 2f 2a 3b 71 3d 30 ml;q=0.9 ,"/;q=0

HTTP Host (http.host), 25 byte(s) Paquetes: 11678 - Mostrado: 12 (0.1%) Perfil: wireshark101

09:20 p. m. 02/12/2020