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CSC138
Wireshark lab
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1) 3 different protocols that appeared in the protocol column

- a. DNS
- b. SSDP
- c. DHCPv6

2) Time from HTTP get to HTTP OK

HTTP OK 00:59:46.814520353

HTTP GET 00:59:46.672759644

Answer 0:0:0.141760709 (first Get to first OK)

3) gaia.cs.umass.edu Internet address:

128.119.245.12

Internet address of my computer is :

192.168.1.11

4)

/tmp/wireshark_wlp3s0_20190301005927_EO5gre.pcapng 1759 total packets, 4 shown

No.

Time

Source

Destination

Protocol Length Info

1338 2019-03-01 00:59:46.672759644 192.168.1.11

128.119.245.12

HTTP

424

GET /wireshark-labs/INTRO-
wireshark-file1.html HTTP/1.1

Frame 1338: 424 bytes on wire (3392 bits), 424 bytes captured (3392 bits) on interface 0

Ethernet II, Src: LiteonTe_c6:fb:39 (98:22:ef:c6:fb:39), Dst: ArrisGro_92:4e:ca (d4:0a:a9:92:4e:ca)

Internet Protocol Version 4, Src: 192.168.1.11, Dst: 128.119.245.12

Transmission Control Protocol, Src Port: 36434, Dst Port: 80, Seq: 1, Ack: 1, Len: 358

Hypertext Transfer Protocol

No.

Time

Source

Destination

Protocol Length Info

1340 2019-03-01 00:59:46.768592089 128.119.245.12

192.168.1.11

HTTP

504

HTTP/1.1 200 OK (text/html)

Frame 1340: 504 bytes on wire (4032 bits), 504 bytes captured (4032 bits) on interface 0

Ethernet II, Src: ArrisGro_92:4e:ca (d4:0a:a9:92:4e:ca), Dst: LiteonTe_c6:fb:39 (98:22:ef:c6:fb:39)

Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.1.11

Transmission Control Protocol, Src Port: 80, Dst Port: 36434, Seq: 1, Ack: 359, Len: 438

Hypertext Transfer Protocol

Line-based text data: text/html (3 lines)

No.

Time

Source

Destination

Protocol Length Info

1342 2019-03-01 00:59:46.814520353 192.168.1.11

128.119.245.12

HTTP

364

GET /favicon.ico HTTP/1.1

Frame 1342: 364 bytes on wire (2912 bits), 364 bytes captured (2912 bits) on interface 0

Ethernet II, Src: LiteonTe_c6:fb:39 (98:22:ef:c6:fb:39), Dst: ArrisGro_92:4e:ca (d4:0a:a9:92:4e:ca)

Internet Protocol Version 4, Src: 192.168.1.11, Dst: 128.119.245.12

Transmission Control Protocol, Src Port: 36434, Dst Port: 80, Seq: 359, Ack: 439, Len: 298

Hypertext Transfer Protocol

No.

Time

Source

Destination

Protocol Length Info

1344 2019-03-01 00:59:46.901556115 128.119.245.12

192.168.1.11

HTTP

550

HTTP/1.1 404 Not Found

(text/html)

Frame 1344: 550 bytes on wire (4400 bits), 550 bytes captured (4400 bits) on interface 0

Ethernet II, Src: ArrisGro_92:4e:ca (d4:0a:a9:92:4e:ca), Dst: LiteonTe_c6:fb:39 (98:22:ef:c6:fb:39)

Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.1.11

Transmission Control Protocol, Src Port: 80, Dst Port: 36434, Seq: 439, Ack: 657, Len: 484

Hypertext Transfer Protocol

Line-based text data: text/html (7 lines)