EE4013 Lab 1

Q1: - UDP
    - TCP
    - ARP
    - MDNS

Q2: 0.19 seconds

Q3: gaia.cs.umass.edu: 128.119.245.12

    mine: 10.52.242.93

Q4: /tmp/wireshark_wlp6s0_20170224131219_Bn6YZf.pcapng 2373 total packets, 4 shown

1435 13:12:54.687327687 10.52.242.93 128.119.245.12 HTTP 477 GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1

Frame 1435: 477 bytes on wire (3816 bits), 477 bytes captured (3816 bits) on interface 0

Ethernet II, Src: IntelCor_db:89:3b (e4:f8:9c:db:89:3b), Dst: Fortinet_09:00:17 (00:09:0f:09:00:17)

Internet Protocol Version 4, Src: 10.52.242.93, Dst: 128.119.245.12

Transmission Control Protocol, Src Port: 59774, Dst Port: 80, Seq: 1, Ack: 1, Len: 411

Hypertext Transfer Protocol

GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1\r\n

Host: gaia.cs.umass.edu\r\n

Connection: keep-alive\r\n

Upgrade-Insecure-Requests: 1\r\n

User-Agent: Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/56.0.2924.87 Safari/537.36\r\n

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8\r\n

Accept-Encoding: gzip, deflate, sdch\r\n

Accept-Language: en-US,en;q=0.8\r\n

\r\n

[Full request URI: http://gaia.cs.umass.edu/wireshark-labs/INTRO-wireshark-file1.html]

[HTTP request 1/2]

[Response in frame: 1445]

[Next request in frame: 1449]

1445 13:12:54.874096250 128.119.245.12 10.52.242.93 HTTP 504 HTTP/1.1 200 OK (text/html)

Frame 1445: 504 bytes on wire (4032 bits), 504 bytes captured (4032 bits) on interface 0

Ethernet II, Src: Fortinet_02:1e:d4 (90:6c:ac:02:1e:d4), Dst: IntelCor_db:89:3b (e4:f8:9c:db:89:3b)

Internet Protocol Version 4, Src: 128.119.245.12, Dst: 10.52.242.93

Transmission Control Protocol, Src Port: 80, Dst Port: 59774, Seq: 1, Ack: 412, Len: 438

Hypertext Transfer Protocol

HTTP/1.1 200 OK\r\n

Date: Fri, 24 Feb 2017 13:12:54 GMT\r\n

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                        Server:     Apache/2.4.6      (CentOS)    OpenSSL/1.0.1e-
fips  PHP/5.4.16  mod_perl/2.0.10   Perl/v5.16.3\r\n
                        Last-Modified:    Fri,  24    Feb   2017  06:59:01
      GMT\r\n
                        ETag: "51-5494143bce55d"\r\n
                        Accept-Ranges:    bytes\r\n
                        Content-Length:   81\r\n
                        Keep-Alive: timeout=5,  max=100\r\n
                        Connection: Keep-Alive\r\n
                        Content-Type:     text/html;  charset=UTF-8\r\n
                        \r\n
                        [HTTP response    1/2]
                        [Time since request:    0.186768563 seconds]
                        [Request    in    frame:      1435]
                        [Next request     in    frame:      1449]
                        [Next response    in    frame:      1451]
                        File  Data: 81    bytes
Line-based  text  data: text/html
```