Time Destination Protocol Length Info Source

159 7.120664 192.168.1.104 192.168.1.1 DNS 91 Standard query 0xa0e7

AAAA www.ietf.org.cdn.cloudflare.net

Frame 159: 91 bytes on wire (728 bits), 91 bytes captured (728 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0

Ethernet II, Src: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad), Dst: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24)
Internet Protocol Version 4, Src: 192.168.1.104, Dst: 192.168.1.1
User Datagram Protocol, Src Port: 52646, Dst Port: 53

Domain Name System (query) Transaction ID: 0xa0e7

Flags: 0x0100 Standard query Questions: 1 Answer RRs: 0

Authority RRs: 0 Additional RRs: 0

Queries

[Response In: 161]

[Request In: 159]

[Time: 0.018506000 seconds]

```
Time
                        Source
                                                Destination
                                                                        Protocol Length Info
    161 7.139170
                                                192.168.1.104
                                                                                        Standard query response 0xa0e7
                        192.168.1.1
                                                                        DNS
                                                                                 147
AAAA www.ietf.org.cdn.cloudflare.net AAAA 2606:4700:10::6814:155 AAAA 2606:4700:10::6814:55
Frame 161: 147 bytes on wire (1176 bits), 147 bytes captured (1176 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id
Ethernet II, Src: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24), Dst: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.104
User Datagram Protocol, Src Port: 53, Dst Port: 52646
Domain Name System (response)
    Transaction ID: 0xa0e7
    Flags: 0x8180 Standard query response, No error
    Questions: 1
    Answer RRs: 2
    Authority RRs: 0
    Additional RRs: 0
    Queries
    Answers
        www.ietf.org.cdn.cloudflare.net: type AAAA, class IN, addr 2606:4700:10::6814:155
            Name: www.ietf.org.cdn.cloudflare.net
             Type: AAAA (IPv6 Address) (28)
            Class: IN (0x0001)
             Time to live: 300 (5 minutes)
             Data length: 16
            AAAA Address: 2606:4700:10::6814:155
        www.ietf.org.cdn.cloudflare.net: type AAAA, class IN, addr 2606:4700:10::6814:55
    Name: www.ietf.org.cdn.cloudflare.net
             Type: AAAA (IPv6 Address) (28)
             Class: IN (0x0001)
            Time to live: 300 (5 minutes)
            Data length: 16
            AAAA Address: 2606:4700:10::6814:55
```

Time Source Destination Protocol Length Info Standard query 0x6b18 A incoming.telemetry.mozilla.org 186 7.258344 192.168.1.104 192.168.1.1 DNS 90 Frame 186: 90 bytes on wire (720 bits), 90 bytes captured (720 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0 Ethernet II, Src: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad), Dst: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24)

Internet Protocol Version 4, Src: 192.168.1.104, Dst: 192.168.1.1
User Datagram Protocol, Src Port: 50217, Dst Port: 53

Domain Name System (query) Transaction ID: 0x6b18 Flags: 0x0100 Standard query

Questions: 1 Answer RRs: 0 Authority RRs: 0 Additional RRs: 0

Queries

[Response In: 188]

```
Time
                       Source
                                             Destination
                                                                   Protocol Length Info
   188 7.262581
                       192.168.1.1
                                             192.168.1.104
                                                                   DNS
                                                                            352
                                                                                   Standard query response 0x6b18 A
incoming.telemetry.mozilla.org CNAME telemetry-incoming.r53-2.services.mozilla.com CNAME pipeline-incoming-prod-elb-149169523.us-
west-2.elb.amazonaws.com A 34.209.110.60 A 44.230.27.229 A 34.210.247.128 A 35.166.106.237 A 52.35.6.89 A 34.215.78.214 A 52.10.174.113
A 54.191.236.190
Frame 188: 352 bytes on wire (2816 bits), 352 bytes captured (2816 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id
Ethernet II, Src: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24), Dst: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.104
User Datagram Protocol, Src Port: 53, Dst Port: 50217
Domain Name System (response)
    Transaction ID: 0x6b18
    Flags: 0x8180 Standard query response, No error
    Questions: 1
    Answer RRs: 10
    Authority RRs: 0
    Additional RRs: 0
    Answers
        incoming.telemetry.mozilla.org: type CNAME, class IN, cname telemetry-incoming.r53-2.services.mozilla.com
            Name: incoming.telemetry.mozilla.org
            Type: CNAME (Canonical NAME for an alias) (5)
            Class: IN (0x0001)
            Time to live: 38 (38 seconds)
            Data length: 47
            CNAME: telemetry-incoming.r53-2.services.mozilla.com
        telemetry-incoming.r53-2.services.mozilla.com: type CNAME, class IN, cname pipeline-incoming-prod-elb-149169523.us-
west-2.elb.amazonaws.com
            Name: telemetry-incoming.r53-2.services.mozilla.com
            Type: CNAME (Canonical NAME for an alias) (5)
            Class: IN (0x0001)
            Time to live: 270 (4 minutes, 30 seconds)
            Data length: 63
            CNAME: pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com
        pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com: type A, class IN, addr 34.209.110.60
            Name: pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 12 (12 seconds)
            Data length: 4
            Address: 34.209.110.60
        pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com: type A, class IN, addr 44.230.27.229
            Name: pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 12 (12 seconds)
            Data length: 4
            Address: 44.230.27.229
        pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com: type A, class IN, addr 34.210.247.128
            Name: pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 12 (12 seconds)
            Data length: 4
            Address: 34.210.247.128
        pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com: type A, class IN, addr 35.166.106.237
            Name: pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 12 (12 seconds)
            Data length: 4
            Address: 35.166.106.237
        pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com: type A, class IN, addr 52.35.6.89
            Name: pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 12 (12 seconds)
            Data length: 4
            Address: 52.35.6.89
        pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com: type A, class IN, addr 34.215.78.214
            Name: pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 12 (12 seconds)
            Data length: 4
            Address: 34.215.78.214
        pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com: type A, class IN, addr 52.10.174.113
            Name: pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 12 (12 seconds)
            Data length: 4
            Address: 52.10.174.113
        pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com: type A, class IN, addr 54.191.236.190
            Name: pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 12 (12 seconds)
            Data length: 4
            Address: 54.191.236.190
    [Request In: 186]
```

[Time: 0.004237000 seconds]

Time Destination Protocol Length Info Source 189 7.263492 192.168.1.104 192.168.1.1 Standard query 0xd27f A pipeline-incoming-prod-124 elb-149169523.us-west-2.elb.amazonaws.com

Frame 189: 124 bytes on wire (992 bits), 124 bytes captured (992 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0 Ethernet II, Src: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad), Dst: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24)
Internet Protocol Version 4, Src: 192.168.1.104, Dst: 192.168.1.1

User Datagram Protocol, Src Port: 64731, Dst Port: 53

Domain Name System (query) Transaction ID: 0xd27f Flags: 0x0100 Standard query

Questions: 1 Answer RRs: 0 Authority RRs: 0 Additional RRs: 0

Queries

[Response In: 190]

```
Time
                       Source
                                             Destination
                                                                   Protocol Length Info
                                                                                   Standard query response 0xd27f A pipeline-incoming-prod-
   190 7.267338
                      192.168.1.1
                                             192.168.1.104
                                                                   DNS
                                                                            252
elb-149169523.us-west-2.elb.amazonaws.com A 44.227.11.155 A 52.33.57.208 A 52.36.73.165 A 52.88.250.124 A 54.69.152.122 A 52.88.148.130 A
52.10.162.146 A 54.148.237.155
Frame 190: 252 bytes on wire (2016 bits), 252 bytes captured (2016 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id
Ethernet II, Src: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24), Dst: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.104
User Datagram Protocol, Src Port: 53, Dst Port: 64731
Domain Name System (response)
   Transaction ID: 0xd27f
   Flags: 0x8180 Standard query response, No error
    Ouestions: 1
   Answer RRs: 8
   Authority RRs: 0
   Additional RRs: 0
   Queries
    Answers
       pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com: type A, class IN, addr 44.227.11.155
            Name: pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 56 (56 seconds)
            Data length: 4
            Address: 44.227.11.155
        pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com: type A, class IN, addr 52.33.57.208
            Name: pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 56 (56 seconds)
            Data length: 4
            Address: 52.33.57.208
        pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com: type A, class IN, addr 52.36.73.165
            Name: pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 56 (56 seconds)
            Data length: 4
            Address: 52.36.73.165
        pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com: type A, class IN, addr 52.88.250.124
            Name: pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 56 (56 seconds)
            Data length: 4
            Address: 52.88.250.124
        pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com: type A, class IN, addr 54.69.152.122
            Name: pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 56 (56 seconds)
            Data length: 4
            Address: 54.69.152.122
        pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com: type A, class IN, addr 52.88.148.130
            Name: pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 56 (56 seconds)
            Data length: 4
            Address: 52.88.148.130
        pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com: type A, class IN, addr 52.10.162.146
            Name: pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 56 (56 seconds)
            Data length: 4
            Address: 52.10.162.146
        pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com: type A, class IN, addr 54.148.237.155
            Name: pipeline-incoming-prod-elb-149169523.us-west-2.elb.amazonaws.com
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 56 (56 seconds)
            Data length: 4
            Address: 54.148.237.155
    [Request In: 189]
    [Time: 0.003846000 seconds]
```

Time Destination Protocol Length Info Source

191 7.267850 192.168.1.104 192.168.1.1 Standard query 0xf373 AAAA pipeline-incoming-prod-124

elb-149169523.us-west-2.elb.amazonaws.com

Frame 191: 124 bytes on wire (992 bits), 124 bytes captured (992 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0 Ethernet II, Src: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad), Dst: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24)
Internet Protocol Version 4, Src: 192.168.1.104, Dst: 192.168.1.1

User Datagram Protocol, Src Port: 53707, Dst Port: 53

Domain Name System (query) Transaction ID: 0xf373 Flags: 0x0100 Standard query

Questions: 1

Answer RRs: 0 Authority RRs: 0 Additional RRs: 0 Queries

[Response In: 197]

Time Destination Source Protocol Length Info 193 7.294834 192.168.1.104 192.168.1.1 Standard query 0xf373 AAAA pipeline-incoming-prod-124 elb-149169523.us-west-2.elb.amazonaws.com

Frame 193: 124 bytes on wire (992 bits), 124 bytes captured (992 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0

Ethernet II, Src: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad), Dst: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24)
Internet Protocol Version 4, Src: 192.168.1.104, Dst: 192.168.1.1

User Datagram Protocol, Src Port: 53707, Dst Port: 53

Domain Name System (query) Transaction ID: 0xf373 Flags: 0x0100 Standard query Questions: 1

Answer RRs: 0 Authority RRs: 0 Additional RRs: 0

Queries

[Retransmitted request. Original request in: 191]

[Retransmission: True]

[Time: 0.032443000 seconds]

```
Time
                       Source
                                             Destination
                                                                    Protocol Length Info
   197 7.300293
                                             192.168.1.104
                                                                                    Standard query response 0xf373 AAAA pipeline-incoming-
                     192.168.1.1
                                                                   DNS
                                                                             202
prod-elb-149169523.us-west-2.elb.amazonaws.com SOA ns-332.awsdns-41.com
Frame 197: 202 bytes on wire (1616 bits), 202 bytes captured (1616 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id
Ethernet II, Src: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24), Dst: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.104
User Datagram Protocol, Src Port: 53, Dst Port: 53707
Domain Name System (response)
   Transaction ID: 0xf373
    Flags: 0x8180 Standard query response, No error
    Questions: 1
    Answer RRs: 0
    Authority RRs: 1
    Additional RRs: 0
    Oueries
    Authoritative nameservers
        us-west-2.elb.amazonaws.com: type SOA, class IN, mname ns-332.awsdns-41.com
            Name: us-west-2.elb.amazonaws.com
            Type: SOA (Start Of a zone of Authority) (6) Class: IN (0x0001)
            Time to live: 1 (1 second)
            Data length: 66
            Primary name server: ns-332.awsdns-41.com
            Responsible authority's mailbox: awsdns-hostmaster.amazon.com
            Serial Number: 1
            Refresh Interval: 7200 (2 hours)
            Retry Interval: 900 (15 minutes)
            Expire limit: 1209600 (14 days)
            Minimum TTL: 60 (1 minute)
    [Request In: 191]
```

[Retransmitted response. Original response in: 197]

[Retransmission: True]

```
Time
                       Source
                                             Destination
                                                                    Protocol Length Info
   285 7.332851
                                             192.168.1.104
                                                                                    Standard query response 0xf373 AAAA pipeline-incoming-
                     192.168.1.1
                                                                   DNS
                                                                             202
prod-elb-149169523.us-west-2.elb.amazonaws.com SOA ns-332.awsdns-41.com
Frame 285: 202 bytes on wire (1616 bits), 202 bytes captured (1616 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id
Ethernet II, Src: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24), Dst: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.104
User Datagram Protocol, Src Port: 53, Dst Port: 53707
Domain Name System (response)
   Transaction ID: 0xf373
    Flags: 0x8180 Standard query response, No error
    Questions: 1
    Answer RRs: 0
    Authority RRs: 1
    Additional RRs: 0
    Oueries
    Authoritative nameservers
        us-west-2.elb.amazonaws.com: type SOA, class IN, mname ns-332.awsdns-41.com
            Name: us-west-2.elb.amazonaws.com
            Type: SOA (Start Of a zone of Authority) (6) Class: IN (0x0001)
            Time to live: 1 (1 second)
            Data length: 66
            Primary name server: ns-332.awsdns-41.com
            Responsible authority's mailbox: awsdns-hostmaster.amazon.com
            Serial Number: 1
            Refresh Interval: 7200 (2 hours)
            Retry Interval: 900 (15 minutes)
            Expire limit: 1209600 (14 days)
            Minimum TTL: 60 (1 minute)
```

Time Destination Protocol Length Info Source 601 7.521613 192.168.1.104 192.168.1.1 DNS 84 Standard query 0x4118 A detectportal.firefox.com Frame 601: 84 bytes on wire (672 bits), 84 bytes captured (672 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0 Ethernet II, Src: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad), Dst: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24)

Internet Protocol Version 4, Src: 192.168.1.104, Dst: 192.168.1.1
User Datagram Protocol, Src Port: 64135, Dst Port: 53

Domain Name System (query) Transaction ID: 0x4118 Flags: 0x0100 Standard query

Questions: 1 Answer RRs: 0 Authority RRs: 0 Additional RRs: 0 Queries

[Response In: 603]

[Request In: 601]

[Time: 0.006532000 seconds]

```
Time
                       Source
                                             Destination
                                                                    Protocol Length Info
   603 7.528145
                                             192.168.1.104
                                                                                   Standard query response 0x4118 A detectportal.firefox.com
                       192.168.1.1
                                                                   DNS
                                                                             242
CNAME detectportal.prod.mozaws.net CNAME detectportal.firefox.com-v2.edgesuite.net CNAME a1089.dscd.akamai.net A 87.245.216.123 A
87.245.216.75
Frame 603: 242 bytes on wire (1936 bits), 242 bytes captured (1936 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id
Ethernet II, Src: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24), Dst: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.104
User Datagram Protocol, Src Port: 53, Dst Port: 64135
Domain Name System (response)
    Transaction ID: 0x4118
    Flags: 0x8180 Standard query response, No error
    Questions: 1
    Answer RRs: 5
    Authority RRs: 0
    Additional RRs: 0
    Queries
    Answers
        detectportal.firefox.com: type CNAME, class IN, cname detectportal.prod.mozaws.net
            Name: detectportal.firefox.com
            Type: CNAME (Canonical NAME for an alias) (5)
            Class: IN (0x0001)
            Time to live: 14 (14 seconds)
            Data length: 30
            {\tt CNAME:} \ \ {\tt detectportal.prod.mozaws.net}
        detectportal.prod.mozaws.net: type CNAME, class IN, cname detectportal.firefox.com-v2.edgesuite.net
            Name: detectportal.prod.mozaws.net
            Type: CNAME (Canonical NAME for an alias) (5)
            Class: IN (0x0001)
            Time to live: 149 (2 minutes, 29 seconds)
            Data length: 40
            CNAME: detectportal.firefox.com-v2.edgesuite.net
        detectportal.firefox.com-v2.edgesuite.net: type CNAME, class IN, cname a1089.dscd.akamai.net
            Name: detectportal.firefox.com-v2.edgesuite.net
            Type: CNAME (Canonical NAME for an alias) (5)
            Class: IN (0x0001)
            Time to live: 149 (2 minutes, 29 seconds)
            Data length: 20
            CNAME: a1089.dscd.akamai.net
        a1089.dscd.akamai.net: type A, class IN, addr 87.245.216.123
            Name: a1089.dscd.akamai.net
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 8 (8 seconds)
            Data length: 4
            Address: 87.245.216.123
        a1089.dscd.akamai.net: type A, class IN, addr 87.245.216.75
            Name: a1089.dscd.akamai.net
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 8 (8 seconds)
            Data length: 4
            Address: 87.245.216.75
```

Time Destination Protocol Length Info Source Standard query 0xbd64 A a1089.dscd.akamai.net 604 7.528868 192.168.1.104 192.168.1.1 DNS 81 Frame 604: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0

Ethernet II, Src: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad), Dst: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24)

Internet Protocol Version 4, Src: 192.168.1.104, Dst: 192.168.1.1
User Datagram Protocol, Src Port: 60538, Dst Port: 53

Domain Name System (query) Transaction ID: 0xbd64 Flags: 0x0100 Standard query

Questions: 1 Answer RRs: 0 Authority RRs: 0 Additional RRs: 0

Queries

[Response In: 612]

[Time: 0.003214000 seconds]

```
Time
                         Source
                                                  Destination
                                                                           Protocol Length Info
    612 7.532082
                                                  192.168.1.104
                                                                                             Standard query response 0xbd64 A a1089.dscd.akamai.net
                         192.168.1.1
                                                                           DNS
                                                                                      113
A 87.245.216.75 A 87.245.216.123
Frame 612: 113 bytes on wire (904 bits), 113 bytes captured (904 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0
Ethernet II, Src: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24), Dst: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.104
User Datagram Protocol, Src Port: 53, Dst Port: 60538
Domain Name System (response)
    Transaction ID: 0xbd64
    Flags: 0x8180 Standard query response, No error
    Questions: 1
    Answer RRs: 2
    Authority RRs: 0
    Additional RRs: 0
    Oueries
    Answers
         a1089.dscd.akamai.net: type A, class IN, addr 87.245.216.75
             Name: a1089.dscd.akamai.net
             Type: A (Host Address) (1)
             Class: IN (0x0001)
             Time to live: 8 (8 seconds)
             Data length: 4
             Address: 87.245.216.75
         a1089.dscd.akamai.net: type A, class IN, addr 87.245.216.123
             Name: a1089.dscd.akamai.net
             Type: A (Host Address) (1)
             Class: IN (0x0001)
             Time to live: 8 (8 seconds)
             Data length: 4
    Address: 87.245.216.123
[Request In: 604]
```

Time Destination Protocol Length Info Source Standard query 0xf989 AAAA a1089.dscd.akamai.net 613 7.532423 192.168.1.104 192.168.1.1 DNS 81 Frame 613: 81 bytes on wire (648 bits), 81 bytes captured (648 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0 Ethernet II, Src: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad), Dst: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24) Internet Protocol Version 4, Src: 192.168.1.104, Dst: 192.168.1.1
User Datagram Protocol, Src Port: 59604, Dst Port: 53

Domain Name System (query) Transaction ID: 0xf989 Flags: 0x0100 Standard query

Questions: 1 Answer RRs: 0 Authority RRs: 0 Additional RRs: 0

Queries

[Response In: 619]

Time Destination Protocol Length Info Source

616 7.540629 192.168.1.104 192.168.1.1 DNS 71 Standard query 0xe879 A mozilla.org Frame 616: 71 bytes on wire (568 bits), 71 bytes captured (568 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0

Ethernet II, Src: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad), Dst: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24)

Internet Protocol Version 4, Src: 192.168.1.104, Dst: 192.168.1.1
User Datagram Protocol, Src Port: 63085, Dst Port: 53

Domain Name System (query)
Transaction ID: 0xe879 Flags: 0x0100 Standard query

Questions: 1 Answer RRs: 0 Authority RRs: 0 Additional RRs: 0

Queries

[Response In: 621]

Time Destination Protocol Length Info Source 618 7.542295 192.168.1.104 192.168.1.1 DNS 84 Standard query 0xac8e A detectportal.firefox.com Frame 618: 84 bytes on wire (672 bits), 84 bytes captured (672 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0 Ethernet II, Src: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad), Dst: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24)

Internet Protocol Version 4, Src: 192.168.1.104, Dst: 192.168.1.1
User Datagram Protocol, Src Port: 56536, Dst Port: 53

Domain Name System (query) Transaction ID: 0xac8e Flags: 0x0100 Standard query

Questions: 1 Answer RRs: 0 Authority RRs: 0 Additional RRs: 0

Queries

[Response In: 620]

[Request In: 613]

[Time: 0.017904000 seconds]

```
C:\Users\Светлана Дегтярева\Desktop\Комп.мережі\Лабораторная 3\dump 3 (1-6).pcapng 1292 всего пакетов, 40 показано
        Time
                        Source
                                              Destination
                                                                     Protocol Length Info
    619 7.550327
                                                                                     Standard query response 0xf989 AAAA a1089.dscd.akamai.net
                        192.168.1.1
                                              192.168.1.104
                                                                              137
AAAA 2a02:2d8:0:9008::57f5:d87b AAAA 2a02:2d8:0:9008::57f5:d84b
Frame 619: 137 bytes on wire (1096 bits), 137 bytes captured (1096 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id
Ethernet II, Src: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24), Dst: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.104
User Datagram Protocol, Src Port: 53, Dst Port: 59604
Domain Name System (response)
    Transaction ID: 0xf989
    Flags: 0x8180 Standard query response, No error
    Questions: 1
    Answer RRs: 2
    Authority RRs: 0
    Additional RRs: 0
    Queries
    Answers
         a1089.dscd.akamai.net: type AAAA, class IN, addr 2a02:2d8:0:9008::57f5:d87b
             Name: a1089.dscd.akamai.net
             Type: AAAA (IPv6 Address) (28)
             Class: IN (0x0001)
             Time to live: 13 (13 seconds)
             Data length: 16
             AAAA Address: 2a02:2d8:0:9008::57f5:d87b
         a1089.dscd.akamai.net: type AAAA, class IN, addr 2a02:2d8:0:9008::57f5:d84b
             Name: a1089.dscd.akamai.net
             Type: AAAA (IPv6 Address) (28)
             Class: IN (0x0001)
             Time to live: 13 (13 seconds)
             Data length: 16
             AAAA Address: 2a02:2d8:0:9008::57f5:d84b
```

[Time: 0.008171000 seconds]

```
Time
                       Source
                                             Destination
                                                                    Protocol Length Info
                                             192.168.1.104
                                                                                   Standard query response 0xac8e A detectportal.firefox.com
   620 7.550466
                       192.168.1.1
                                                                   DNS
                                                                             242
CNAME detectportal.prod.mozaws.net CNAME detectportal.firefox.com-v2.edgesuite.net CNAME a1089.dscd.akamai.net A 87.245.216.123 A
87.245.216.75
Frame 620: 242 bytes on wire (1936 bits), 242 bytes captured (1936 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id
Ethernet II, Src: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24), Dst: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.104
User Datagram Protocol, Src Port: 53, Dst Port: 56536
Domain Name System (response)
    Transaction ID: 0xac8e
    Flags: 0x8180 Standard query response, No error
    Questions: 1
    Answer RRs: 5
    Authority RRs: 0
    Additional RRs: 0
    Queries
    Answers
        detectportal.firefox.com: type CNAME, class IN, cname detectportal.prod.mozaws.net
            Name: detectportal.firefox.com
            Type: CNAME (Canonical NAME for an alias) (5)
            Class: IN (0x0001)
            Time to live: 14 (14 seconds)
            Data length: 30
            {\tt CNAME:} \ \ {\tt detectportal.prod.mozaws.net}
        detectportal.prod.mozaws.net: type CNAME, class IN, cname detectportal.firefox.com-v2.edgesuite.net
            Name: detectportal.prod.mozaws.net
            Type: CNAME (Canonical NAME for an alias) (5)
            Class: IN (0x0001)
            Time to live: 149 (2 minutes, 29 seconds)
            Data length: 40
            CNAME: detectportal.firefox.com-v2.edgesuite.net
        detectportal.firefox.com-v2.edgesuite.net: type CNAME, class IN, cname a1089.dscd.akamai.net
            Name: detectportal.firefox.com-v2.edgesuite.net
            Type: CNAME (Canonical NAME for an alias) (5)
            Class: IN (0x0001)
            Time to live: 149 (2 minutes, 29 seconds)
            Data length: 20
            CNAME: a1089.dscd.akamai.net
        a1089.dscd.akamai.net: type A, class IN, addr 87.245.216.123
            Name: a1089.dscd.akamai.net
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 8 (8 seconds)
            Data length: 4
            Address: 87.245.216.123
        a1089.dscd.akamai.net: type A, class IN, addr 87.245.216.75
            Name: a1089.dscd.akamai.net
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 8 (8 seconds)
            Data length: 4
            Address: 87.245.216.75
    [Request In: 618]
```

Time to live: 44 (44 seconds) Data length: 4 Address: 63.245.208.195

[Request In: 616]

[Time: 0.009954000 seconds]

```
Time
                           Source
                                                    Destination
                                                                              Protocol Length Info
    621 7.550583
                           192.168.1.1
                                                    192.168.1.104
                                                                                                 Standard query response 0xe879 A mozilla.org
                                                                              DNS
                                                                                         87
A 63.245.208.195
Frame 621: 87 bytes on wire (696 bits), 87 bytes captured (696 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0
Ethernet II, Src: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24), Dst: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.104
User Datagram Protocol, Src Port: 53, Dst Port: 63085
Domain Name System (response)
     Transaction ID: 0xe879
     Flags: 0x8180 Standard query response, No error
    Questions: 1
     Answer RRs: 1
     Authority RRs: 0
    Additional RRs: 0
     Queries
    Answers
         mozilla.org: type A, class IN, addr 63.245.208.195
              Name: mozilla.org
              Type: A (Host Address) (1)
              Class: IN (0x0001)
```

Time Destination Protocol Length Info Source

Standard query 0xf9ad A analytics.ietf.org 630 7.577688 192.168.1.104 192.168.1.1 DNS 78

Frame 630: 78 bytes on wire (624 bits), 78 bytes captured (624 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0 Ethernet II, Src: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad), Dst: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24)

Internet Protocol Version 4, Src: 192.168.1.104, Dst: 192.168.1.1
User Datagram Protocol, Src Port: 60211, Dst Port: 53

Domain Name System (query)
Transaction ID: 0xf9ad

Flags: 0x0100 Standard query

Questions: 1 Answer RRs: 0 Authority RRs: 0 Additional RRs: 0

Queries

[Response In: 1164]

Time Protocol Length Info Source Destination

Standard query 0xf9ad A analytics.ietf.org 646 7.600288 192.168.1.104 192.168.1.1 DNS 78

Frame 646: 78 bytes on wire (624 bits), 78 bytes captured (624 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0

Ethernet II, Src: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad), Dst: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24)

Internet Protocol Version 4, Src: 192.168.1.104, Dst: 192.168.1.1
User Datagram Protocol, Src Port: 60211, Dst Port: 53

Domain Name System (query)
Transaction ID: 0xf9ad

Flags: 0x0100 Standard query

Questions: 1 Answer RRs: 0 Authority RRs: 0 Additional RRs: 0

[Retransmitted request. Original request in: 630] [Retransmission: True]

Address: 4.31.198.44

[Request In: 630]

[Time: 0.515494000 seconds]

```
Time
No.
                       Source
                                             Destination
                                                                   Protocol Length Info
   1164 8.093182
                     192.168.1.1
                                            192.168.1.104
                                                                                   Standard query response 0xf9ad A analytics.ietf.org CNAME
                                                                            108
ietf.org A 4.31.198.44
Frame 1164: 108 bytes on wire (864 bits), 108 bytes captured (864 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id
Ethernet II, Src: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24), Dst: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.104
User Datagram Protocol, Src Port: 53, Dst Port: 60211
Domain Name System (response)
    Transaction ID: 0xf9ad
    Flags: 0x8180 Standard query response, No error
    Questions: 1
    Answer RRs: 2
    Authority RRs: 0
    Additional RRs: 0
    Queries
    Answers
        analytics.ietf.org: type CNAME, class IN, cname ietf.org
            Name: analytics.ietf.org
            Type: CNAME (Canonical NAME for an alias) (5)
            Class: IN (0x0001)
            Time to live: 300 (5 minutes)
            Data length: 2
            CNAME: ietf.org
        ietf.org: type A, class IN, addr 4.31.198.44
            Name: ietf.org
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 300 (5 minutes)
            Data length: 4
```

Address: 4.31.198.44

[Retransmission: True]

[Retransmitted response. Original response in: 1164]

```
No.
       Time
                       Source
                                             Destination
                                                                   Protocol Length Info
  1165 8.093383
                     192.168.1.1
                                            192.168.1.104
                                                                                   Standard query response 0xf9ad A analytics.ietf.org CNAME
                                                                            108
ietf.org A 4.31.198.44
Frame 1165: 108 bytes on wire (864 bits), 108 bytes captured (864 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id
Ethernet II, Src: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24), Dst: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.104
User Datagram Protocol, Src Port: 53, Dst Port: 60211
Domain Name System (response)
    Transaction ID: 0xf9ad
    Flags: 0x8180 Standard query response, No error
    Questions: 1
    Answer RRs: 2
    Authority RRs: 0
    Additional RRs: 0
    Queries
    Answers
        analytics.ietf.org: type CNAME, class IN, cname ietf.org
            Name: analytics.ietf.org
            Type: CNAME (Canonical NAME for an alias) (5)
            Class: IN (0x0001)
            Time to live: 300 (5 minutes)
            Data length: 2
            CNAME: ietf.org
        ietf.org: type A, class IN, addr 4.31.198.44
            Name: ietf.org
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 300 (5 minutes)
            Data length: 4
```

Time Destination Protocol Length Info Source

1167 8.096086 192.168.1.104 192.168.1.1 DNS 68 Standard query 0x4c40 A ietf.org

Frame 1167: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0 Ethernet II, Src: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad), Dst: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24)

Internet Protocol Version 4, Src: 192.168.1.104, Dst: 192.168.1.1
User Datagram Protocol, Src Port: 61985, Dst Port: 53

Domain Name System (query) Transaction ID: 0x4c40

Flags: 0x0100 Standard query

Questions: 1 Answer RRs: 0 Authority RRs: 0 Additional RRs: 0

Queries

[Response In: 1184]

Time Source Destination Protocol Length Info

1168 8.120092 192.168.1.104 192.168.1.1 68 Standard query 0x4c40 A ietf.org DNS

Frame 1168: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0 Ethernet II, Src: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad), Dst: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24)

Internet Protocol Version 4, Src: 192.168.1.104, Dst: 192.168.1.1
User Datagram Protocol, Src Port: 61985, Dst Port: 53

Domain Name System (query) Transaction ID: 0x4c40 Flags: 0x0100 Standard query

Questions: 1 Answer RRs: 0 Authority RRs: 0 Additional RRs: 0

[Retransmitted request. Original request in: 1167]

[Retransmission: True]

[Request In: 1167]

[Time: 0.294169000 seconds]

```
C:\Users\Светлана Дегтярева\Desktop\Комп.мережі\Лабораторная 3\dump 3 (1-6).pcapng 1292 всего пакетов, 40 показано
         Time
                          Source
                                                  Destination
                                                                           Protocol Length Info
                                                                                           Standard query response 0x4c40 A ietf.org A 4.31.198.44
   1184 8.390255
                         192.168.1.1
                                                  192.168.1.104
                                                                          DNS
                                                                                    84
Frame 1184: 84 bytes on wire (672 bits), 84 bytes captured (672 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0
Ethernet II, Src: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24), Dst: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.104
User Datagram Protocol, Src Port: 53, Dst Port: 61985
Domain Name System (response)
     Transaction ID: 0x4c40
     Flags: 0x8180 Standard query response, No error
     Questions: 1
Answer RRs: 1
     Authority RRs: 0
     Additional RRs: 0
     Queries
     Answers
         ietf.org: type A, class IN, addr 4.31.198.44
              Name: ietf.org
              Type: A (Host Address) (1)
              Class: IN (0x0001)
              Time to live: 300 (5 minutes)
              Data length: 4
              Address: 4.31.198.44
```

Time Destination Protocol Length Info Source

1185 8.390844 192.168.1.104 192.168.1.1 DNS 68 Standard query 0x5a82 AAAA ietf.org

Frame 1185: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0 Ethernet II, Src: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad), Dst: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24)

Internet Protocol Version 4, Src: 192.168.1.104, Dst: 192.168.1.1
User Datagram Protocol, Src Port: 64479, Dst Port: 53

Domain Name System (query) Transaction ID: 0x5a82 Flags: 0x0100 Standard query

Questions: 1 Answer RRs: 0 Authority RRs: 0 Additional RRs: 0

Queries

[Response In: 1229]

Time Source Destination Protocol Length Info

1188 8.417372 192.168.1.104 192.168.1.1 68 Standard query 0x5a82 AAAA ietf.org DNS

Frame 1188: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0 Ethernet II, Src: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad), Dst: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24)

Internet Protocol Version 4, Src: 192.168.1.104, Dst: 192.168.1.1
User Datagram Protocol, Src Port: 64479, Dst Port: 53

Domain Name System (query) Transaction ID: 0x5a82 Flags: 0x0100 Standard query

Questions: 1 Answer RRs: 0 Authority RRs: 0 Additional RRs: 0

[Retransmitted request. Original request in: 1185]

[Retransmission: True]

Time Destination Protocol Length Info Source 1200 8.468829 192.168.1.104 192.168.1.1 DNS 82 Standard query 0xc45a A ocsp.starfieldtech.com Frame 1200: 82 bytes on wire (656 bits), 82 bytes captured (656 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0

Ethernet II, Src: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad), Dst: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24)

Internet Protocol Version 4, Src: 192.168.1.104, Dst: 192.168.1.1
User Datagram Protocol, Src Port: 55685, Dst Port: 53

Domain Name System (query) Transaction ID: 0xc45a Flags: 0x0100 Standard query

Questions: 1 Answer RRs: 0 Authority RRs: 0 Additional RRs: 0

Queries

[Response In: 1203]

No.

[Time: 0.007932000 seconds]

```
Time
                       Source
                                             Destination
                                                                   Protocol Length Info
                                                                                   Standard query response 0xc45a A ocsp.starfieldtech.com
   1203 8.476761
                       192.168.1.1
                                             192.168.1.104
                                                                   DNS
                                                                            203
CNAME ocsp.godaddy.com.akadns.net A 192.124.249.24 A 192.124.249.36 A 192.124.249.41 A 192.124.249.23 A 192.124.249.22
Frame 1203: 203 bytes on wire (1624 bits), 203 bytes captured (1624 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC},
Ethernet II, Src: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24), Dst: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.104
User Datagram Protocol, Src Port: 53, Dst Port: 55685
Domain Name System (response)
    Transaction ID: 0xc45a
    Flags: 0x8180 Standard query response, No error
    Questions: 1
    Answer RRs: 6
    Authority RRs: 0
    Additional RRs: 0
    Oueries
    Answers
        ocsp.starfieldtech.com: type CNAME, class IN, cname ocsp.godaddy.com.akadns.net
            Name: ocsp.starfieldtech.com
            Type: CNAME (Canonical NAME for an alias) (5)
            Class: IN (0x0001)
            Time to live: 238 (3 minutes, 58 seconds)
            Data length: 29
            CNAME: ocsp.godaddy.com.akadns.net
        ocsp.godaddy.com.akadns.net: type A, class IN, addr 192.124.249.24
            Name: ocsp.godaddy.com.akadns.net
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 60 (1 minute)
            Data length: 4
            Address: 192.124.249.24
        ocsp.godaddy.com.akadns.net: type A, class IN, addr 192.124.249.36
            Name: ocsp.godaddy.com.akadns.net
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 60 (1 minute)
            Data length: 4
            Address: 192.124.249.36
        ocsp.godaddy.com.akadns.net: type A, class IN, addr 192.124.249.41
            Name: ocsp.godaddy.com.akadns.net
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 60 (1 minute)
            Data length: 4
            Address: 192.124.249.41
        ocsp.godaddy.com.akadns.net: type A, class IN, addr 192.124.249.23
            Name: ocsp.godaddy.com.akadns.net
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 60 (1 minute)
            Data length: 4
            Address: 192.124.249.23
        ocsp.godaddy.com.akadns.net: type A, class IN, addr 192.124.249.22
            Name: ocsp.godaddy.com.akadns.net
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 60 (1 minute)
            Data length: 4
            Address: 192.124.249.22
    [Request In: 1200]
```

Time Destination Protocol Length Info Source Standard query 0x6ff5 A ocsp.godaddy.com.akadns.net 1205 8.477453 192.168.1.104 192.168.1.1 DNS 87 Frame 1205: 87 bytes on wire (696 bits), 87 bytes captured (696 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0 Ethernet II, Src: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad), Dst: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24)

Internet Protocol Version 4, Src: 192.168.1.104, Dst: 192.168.1.1
User Datagram Protocol, Src Port: 64850, Dst Port: 53

Domain Name System (query) Transaction ID: 0x6ff5 Flags: 0x0100 Standard query

Questions: 1 Answer RRs: 0 Authority RRs: 0 Additional RRs: 0

Queries

[Response In: 1206]

Time to live: 8 (8 seconds)

Data length: 4 Address: 192.124.249.36

[Time: 0.002762000 seconds]

[Request In: 1205]

No.

```
Time
                       Source
                                             Destination
                                                                   Protocol Length Info
   1206 8.480215
                       192.168.1.1
                                             192.168.1.104
                                                                   DNS
                                                                            167
                                                                                  Standard query response 0x6ff5
A ocsp.godaddy.com.akadns.net A 192.124.249.23 A 192.124.249.41 A 192.124.249.22 A 192.124.249.24 A 192.124.249.36
Frame 1206: 167 bytes on wire (1336 bits), 167 bytes captured (1336 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC},
Ethernet II, Src: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24), Dst: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.104
User Datagram Protocol, Src Port: 53, Dst Port: 64850
Domain Name System (response)
    Transaction ID: 0x6ff5
    Flags: 0x8180 Standard query response, No error
    Questions: 1
    Answer RRs: 5
    Authority RRs: 0
    Additional RRs: 0
    Oueries
    Answers
        ocsp.godaddy.com.akadns.net: type A, class IN, addr 192.124.249.23
            Name: ocsp.godaddy.com.akadns.net
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 8 (8 seconds)
            Data length: 4
            Address: 192.124.249.23
        ocsp.godaddy.com.akadns.net: type A, class IN, addr 192.124.249.41
            Name: ocsp.godaddy.com.akadns.net
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 8 (8 seconds)
            Data length: 4
            Address: 192.124.249.41
        ocsp.godaddy.com.akadns.net: type A, class IN, addr 192.124.249.22
            Name: ocsp.godaddy.com.akadns.net
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 8 (8 seconds)
            Data length: 4
            Address: 192.124.249.22
        ocsp.godaddy.com.akadns.net: type A, class IN, addr 192.124.249.24
            Name: ocsp.godaddy.com.akadns.net
            Type: A (Host Address) (1)
            Class: IN (0x0001)
            Time to live: 8 (8 seconds)
            Data length: 4
            Address: 192.124.249.24
        ocsp.godaddy.com.akadns.net: type A, class IN, addr 192.124.249.36
            Name: ocsp.godaddy.com.akadns.net
            Type: A (Host Address) (1)
            Class: IN (0x0001)
```

Time Destination Source Protocol Length Info Standard query 0x7ed8 AAAA ocsp.godaddy.com.akadns.net 1207 8.480690 192.168.1.104 192.168.1.1 DNS 87 Frame 1207: 87 bytes on wire (696 bits), 87 bytes captured (696 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0 Ethernet II, Src: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad), Dst: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24)

Internet Protocol Version 4, Src: 192.168.1.104, Dst: 192.168.1.1
User Datagram Protocol, Src Port: 59364, Dst Port: 53 Domain Name System (query)

Transaction ID: 0x7ed8 Flags: 0x0100 Standard query

Questions: 1 Answer RRs: 0 Authority RRs: 0 Additional RRs: 0

Queries

[Response In: 1217]

Address: 4.31.198.44

[Retransmission: True]

[Retransmitted response. Original response in: 1184]

```
C:\Users\Светлана Дегтярева\Desktop\Комп.мережі\Лабораторная 3\dump 3 (1-6).pcapng 1292 всего пакетов, 40 показано
         Time
                         Source
                                                 Destination
                                                                          Protocol Length Info
                                                                                          Standard query response 0x4c40 A ietf.org A 4.31.198.44
   1214 8.493738
                         192.168.1.1
                                                 192.168.1.104
                                                                         DNS
                                                                                   84
Frame 1214: 84 bytes on wire (672 bits), 84 bytes captured (672 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0
Ethernet II, Src: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24), Dst: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.104
User Datagram Protocol, Src Port: 53, Dst Port: 61985
Domain Name System (response)
     Transaction ID: 0x4c40
     Flags: 0x8180 Standard query response, No error
     Questions: 1
     Answer RRs: 1
     Authority RRs: 0
     Additional RRs: 0
     Queries
     Answers
         ietf.org: type A, class IN, addr 4.31.198.44
             Name: ietf.org
              Type: A (Host Address) (1)
             Class: IN (0x0001)
             Time to live: 300 (5 minutes)
             Data length: 4
```

Time Source Destination Protocol Length Info Standard query 0x7ed8 AAAA ocsp.godaddy.com.akadns.net 1216 8.505481 192.168.1.104 192.168.1.1 87 DNS Frame 1216: 87 bytes on wire (696 bits), 87 bytes captured (696 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0 Ethernet II, Src: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad), Dst: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24)

Internet Protocol Version 4, Src: 192.168.1.104, Dst: 192.168.1.1
User Datagram Protocol, Src Port: 59364, Dst Port: 53 Domain Name System (query)

Transaction ID: 0x7ed8 Flags: 0x0100 Standard query

Questions: 1 Answer RRs: 0 Authority RRs: 0 Additional RRs: 0

[Retransmitted request. Original request in: 1207]

[Retransmission: True]

```
No.
        Time
                         Source
                                                 Destination
                                                                         Protocol Length Info
   1217 8.510716
                                                192.168.1.104
                                                                                           Standard query response 0x7ed8
                       192.168.1.1
                                                                                  153
AAAA ocsp.godaddy.com.akadns.net SOA internal.akadns.net
Frame 1217: 153 bytes on wire (1224 bits), 153 bytes captured (1224 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC},
Ethernet II, Src: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24), Dst: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.104
User Datagram Protocol, Src Port: 53, Dst Port: 59364
Domain Name System (response)
    Transaction ID: 0x7ed8
    Flags: 0x8180 Standard query response, No error
    Questions: 1
    Answer RRs: 0
    Authority RRs: 1
    Additional RRs: 0
    Queries
    Authoritative nameservers
         akadns.net: type SOA, class IN, mname internal.akadns.net
             Name: akadns.net
            Type: SOA (Start Of a zone of Authority) (6) Class: IN (0x0001)
             Time to live: 1 (1 second)
             Data length: 54
             Primary name server: internal.akadns.net
             Responsible authority's mailbox: hostmaster.akamai.com
             Serial Number: 1560251729
             Refresh Interval: 90000 (1 day, 1 hour)
             Retry Interval: 90000 (1 day, 1 hour)
Expire limit: 90000 (1 day, 1 hour)
             Minimum TTL: 180 (3 minutes)
    [Request In: 1207]
    [Time: 0.030026000 seconds]
```

```
No.
        Time
                         Source
                                                 Destination
                                                                         Protocol Length Info
   1218 8.514446
                                                192.168.1.104
                                                                                          Standard query response 0x7ed8
                       192.168.1.1
                                                                                  153
AAAA ocsp.godaddy.com.akadns.net SOA internal.akadns.net
Frame 1218: 153 bytes on wire (1224 bits), 153 bytes captured (1224 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC},
id 0
Ethernet II, Src: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24), Dst: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.104
User Datagram Protocol, Src Port: 53, Dst Port: 59364
Domain Name System (response)
    Transaction ID: 0x7ed8
    Flags: 0x8180 Standard query response, No error
    Questions: 1
    Answer RRs: 0
    Authority RRs: 1
    Additional RRs: 0
    Queries
    Authoritative nameservers
        akadns.net: type SOA, class IN, mname internal.akadns.net
             Name: akadns.net
            Type: SOA (Start Of a zone of Authority) (6) Class: IN (0x0001)
             Time to live: 1 (1 second)
             Data length: 54
             Primary name server: internal.akadns.net
             Responsible authority's mailbox: hostmaster.akamai.com
             Serial Number: 1560251729
             Refresh Interval: 90000 (1 day, 1 hour)
             Retry Interval: 90000 (1 day, 1 hour)
Expire limit: 90000 (1 day, 1 hour)
             Minimum TTL: 180 (3 minutes)
    [Retransmitted response. Original response in: 1217]
    [Retransmission: True]
```

Data length: 16

[Time: 0.230497000 seconds]

[Request In: 1185]

AAAA Address: 2001:1900:3001:11::2c

```
Time
                          Source
                                                    Destination
                                                                             Protocol Length Info
   1229 8.621341
                          192.168.1.1
                                                   192.168.1.104
                                                                                                Standard query response 0x5a82 AAAA ietf.org
                                                                             DNS
                                                                                        96
AAAA 2001:1900:3001:11::2c
Frame 1229: 96 bytes on wire (768 bits), 96 bytes captured (768 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0
Ethernet II, Src: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24), Dst: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.104
User Datagram Protocol, Src Port: 53, Dst Port: 64479
Domain Name System (response)
    Transaction ID: 0x5a82
    Flags: 0x8180 Standard query response, No error
    Questions: 1
    Answer RRs: 1
    Authority RRs: 0
    Additional RRs: 0
    Queries
    Answers
         ietf.org: type AAAA, class IN, addr 2001:1900:3001:11::2c
              Name: ietf.org
              Type: AAAA (IPv6 Address) (28)
              Class: IN (0x0001)
              Time to live: 300 (5 minutes)
```

Data length: 16

[Retransmission: True]

AAAA Address: 2001:1900:3001:11::2c [Retransmitted response. Original response in: 1229]

```
Time
                          Source
                                                    Destination
                                                                             Protocol Length Info
   1230 8.621395
                          192.168.1.1
                                                   192.168.1.104
                                                                                                Standard query response 0x5a82 AAAA ietf.org
                                                                             DNS
                                                                                        96
AAAA 2001:1900:3001:11::2c
Frame 1230: 96 bytes on wire (768 bits), 96 bytes captured (768 bits) on interface \Device\NPF_{5FEC5DA6-61D4-48D9-B6B5-3D96A10D21FC}, id 0
Ethernet II, Src: Tp-LinkT_ef:ad:24 (a0:f3:c1:ef:ad:24), Dst: LiteonTe_33:ec:ad (10:63:c8:33:ec:ad)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.104
User Datagram Protocol, Src Port: 53, Dst Port: 64479
Domain Name System (response)
    Transaction ID: 0x5a82
    Flags: 0x8180 Standard query response, No error
    Questions: 1
    Answer RRs: 1
    Authority RRs: 0
    Additional RRs: 0
    Queries
    Answers
         ietf.org: type AAAA, class IN, addr 2001:1900:3001:11::2c
              Name: ietf.org
              Type: AAAA (IPv6 Address) (28)
              Class: IN (0x0001)
              Time to live: 300 (5 minutes)
```