

תקשורת ומחשוב – מטלה 2

מגישים: חיים גולדפישר 315599563, אור יצחק 208936039

שאלה 1:

הכתובת היא 121.254.178.238.

```
C:\Users\goldi>nslookup chotels.com
Server: Broadcom.Home
Address: 10.0.0.138

Non-authoritative answer:
Name: chotels.com
Address: 121.254.178.238
```

שאלה 2:

raptor.dns.ox.ac.uk, hostmaster.ox.ac.uk עבור אוניברסיטת אוקספורד שבאנגליה:

```
C:\Users\goldi>nslookup -type=NS www.ox.ac.uk
Server: Broadcom.Home
Address: 10.0.0.138

ox.ac.uk
primary name server = raptor.dns.ox.ac.uk
responsible mail addr = hostmaster.ox.ac.uk
serial = 2022050140
refresh = 3600 (1 hour)
retry = 1800 (30 mins)
expire = 1209600 (14 days)
default TTL = 900 (15 mins)
```

שאלה 3:

הכתובת היא 87.248.119.252.

```
C:\Users\goldi>nslookup -type=NS www.ox.ac.uk mail.yahoo.com
DNS request timed out.
timeout was 2 seconds.
Server: UnKnown
Address: 87.248.119.252

DNS request timed out.
timeout was 2 seconds.
DNS request timed out.
timeout was 2 seconds.
*** Request to UnKnown timed-out
```

שאלה 4:

.UDP – User Datagram Protocol

ip.addr == 10.0.0.138						
No.	Time	Source	Destination	Protocol	Length	Info
21	2022-05-01 13:20:09.212587	10.0.0.19	10.0.0.138	DNS	68	Standard query 0x4288 A ietf.org
25	2022-05-01 13:20:09.694327	10.0.0.138	10.0.0.19	DNS	84	Standard query response 0x4288 A ietf.org A 50.223.129.1
42	2022-05-01 13:20:09.825186	10.0.0.19	10.0.0.138	DNS	85	Standard query 0x82bb A chrome.cloudflare-dns.com
52	2022-05-01 13:20:09.838668	10.0.0.138	10.0.0.19	DNS	117	Standard query response 0x82bb A chrome.cloudflare-dns.c

< >

> Frame 21: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface \Device\NPF_{D74F2CB2-932B-4194-89FA-1670BCCC3423}, id 3
 > Ethernet II, Src: CyberTAN_09:a2:8f (00:45:e2:09:a2:8f), Dst: HeightsT_2d:03:f6 (00:b8:c2:2d:03:f6)
 > Internet Protocol Version 4, Src: 10.0.0.19, Dst: 10.0.0.138
 > User Datagram Protocol, Src Port: 55959, Dst Port: 53
 > Domain Name System (query)

שאלה 5:

היעד של השאילתה הוא פורט 53:

No.	Time	Source	Destination	Protocol	Length	Info
21	2022-05-01 13:20:09.212587	10.0.0.19	10.0.0.138	DNS	68	Standard query 0x4288 A ietf.org
25	2022-05-01 13:20:09.694327	10.0.0.138	10.0.0.19	DNS	84	Standard query response 0x4288 A

<

> Frame 21: 68 bytes on wire (544 bits), 68 bytes captured (544 bits) on interface \Device\NPF_{D74F2CB2-932B-4194-89FA-1670BCCC3423}, id 3
 > Ethernet II, Src: CyberTAN_09:a2:8f (00:45:e2:09:a2:8f), Dst: HeightsT_2d:03:f6 (00:b8:c2:2d:03:f6)
 > Internet Protocol Version 4, Src: 10.0.0.19, Dst: 10.0.0.138
 > User Datagram Protocol, Src Port: 55959, Dst Port: 53
 > Domain Name System (query)

המקור של התגובה לשאילתה הוא גם כן פורט 53:

No.	Time	Source	Destination	Protocol	Length	Info
21	2022-05-01 13:20:09.212587	10.0.0.19	10.0.0.138	DNS	68	Standard query 0x4288 A ietf.org
25	2022-05-01 13:20:09.694327	10.0.0.138	10.0.0.19	DNS	84	Standard query response 0x4288 A

<

> Frame 25: 84 bytes on wire (672 bits), 84 bytes captured (672 bits) on interface \Device\NPF_{D74F2CB2-932B-4194-89FA-1670BCCC3423}, id 3
 > Ethernet II, Src: HeightsT_2d:03:f6 (00:b8:c2:2d:03:f6), Dst: CyberTAN_09:a2:8f (00:45:e2:09:a2:8f)
 > Internet Protocol Version 4, Src: 10.0.0.138, Dst: 10.0.0.19
 > User Datagram Protocol, Src Port: 53, Dst Port: 55959
 > Domain Name System (response)

שאלה 6:

המקור: 10.0.19. היעד: 10.0.0.138.

No.	Time	Source	Destination	Protocol	Length	Info
21	2022-05-01 13:20:09.212587	10.0.0.19	10.0.0.138	DNS	68	Standard query 0x4288 A ietf.org

מהרצת הפקודה נראה שהכתובת זהה:

```

Connection-specific DNS Suffix . : Home
Link-local IPv6 Address . . . . . : fe80::cdb:b95c:3fdd:1461%16
IPv4 Address. . . . . : 10.0.0.19
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 10.0.0.138

```

שאלה 7:

נראה שהשאילתה אינה מכילה תשובה כלשהי. סוג השאילתה הוא A – Host Address.

21	2022-05-01 13:20:09.212587	10.0.0.19	10.0.0.138	DNS	68	Standard query 0x4288 A ietf.org
25	2022-05-01 13:20:09.694327	10.0.0.138	10.0.0.19	DNS	84	Standard query response 0x4288 A

<

.... ..0. = Truncated: Message is not truncated
1. = Recursion desired: Do query recursively
0. = Z: reserved (0)
0. = Non-authenticated data: Unacceptable

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

Queries

▼ ietf.org: type A, class IN
 Name: ietf.org
 [Name Length: 8]
 [Label Count: 2]
 Type: A (Host Address) (1)
 Class: IN (0x0001)
 [Response In: 25]

שאלה 8:

ניכר שיש לנו בסה"כ 3 תשובות, נציג אותן:

```

Answers
  www.ietf.org: type CNAME, class IN, cname www.ietf.org.cdn.cloudflare.net
    Name: www.ietf.org
    Type: CNAME (Canonical NAME for an alias) (5)
    Class: IN (0x0001)
    Time to live: 1800 (30 minutes)
    Data length: 33
    CNAME: www.ietf.org.cdn.cloudflare.net
  www.ietf.org.cdn.cloudflare.net: type A, class IN, addr 104.16.45.99
    Name: www.ietf.org.cdn.cloudflare.net
    Type: A (Host Address) (1)
    Class: IN (0x0001)
    Time to live: 300 (5 minutes)
    Data length: 4
    Address: 104.16.45.99
  www.ietf.org.cdn.cloudflare.net: type A, class IN, addr 104.16.44.99
    Name: www.ietf.org.cdn.cloudflare.net
    Type: A (Host Address) (1)
    Class: IN (0x0001)
    Time to live: 300 (5 minutes)
    Data length: 4
    Address: 104.16.44.99
[Request In: 15121]

```

מה הן מכילות: שם – כתובת אתר, סוג, כתובת איי פי, זמן שנותר לו "לחיות", מחלקה ואורך הדאטה.

שאלה 9:

כן. בשניהם 10.0.0.19.

10497	2022-05-01 14:16:20.825437	10.0.0.19	10.0.0.138	TCP	66 61336 → 53 [SYN] Seq
10509	2022-05-01 14:16:20.853728	10.0.0.138	10.0.0.19	DNS	148 Standard query resp

שאלה 10:

אני לא מוצא ברשימת החבילות שאילות כאלה, אז כנראה שאין.

שאלה 11:

בשאלתה, פורט היעד הוא 53:

No.	Time	Source	Destination	Protocol	Length	Info
249	2022-05-01 14:41:24.140637	10.0.0.19	10.0.0.138	DNS	83	Standard query 0x0001 PTR 138.0.0.10.in-addr.arpa
250	2022-05-01 14:41:24.144144	10.0.0.138	10.0.0.19	DNS	110	Standard query response 0x0001 PTR 138.0.0.10.in-addr

<

> Frame 249: 83 bytes on wire (664 bits), 83 bytes captured (664 bits) on interface \Device\NPF_{D74F2CB2-932B-4194-89FA-1670BCCC3423}, id 3
 > Ethernet II, Src: CyberTAN_09:a2:8f (00:45:e2:09:a2:8f), Dst: HeightsT_2d:03:f6 (00:b8:c2:2d:03:f6)
 > Internet Protocol Version 4, Src: 10.0.0.19, Dst: 10.0.0.138
 > User Datagram Protocol, Src Port: 55183, Dst Port: 53

בתגובה לשאלתה, פורט המקור הוא גם 53:

No.	Time	Source	Destination	Protocol	Length	Info
249	2022-05-01 14:41:24.140637	10.0.0.19	10.0.0.138	DNS	83	Standard query 0x0001 PTR 138.0.0.10.in-addr.arpa
250	2022-05-01 14:41:24.144144	10.0.0.138	10.0.0.19	DNS	110	Standard query response 0x0001 PTR 138.0.0.10.in-addr

<

> Frame 250: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface \Device\NPF_{D74F2CB2-932B-4194-89FA-1670BCCC3423}, id 3
 > Ethernet II, Src: HeightsT_2d:03:f6 (00:b8:c2:2d:03:f6), Dst: CyberTAN_09:a2:8f (00:45:e2:09:a2:8f)
 > Internet Protocol Version 4, Src: 10.0.0.138, Dst: 10.0.0.19
 > User Datagram Protocol, Src Port: 53, Dst Port: 55183
 > Domain Name System (response)

שאלה 12:

שלח אל הכתובת 10.0.0.138, כתובת האיפי של המחשב שלי. ניתן לראות זאת גם בפקודה שעשיתי.

No.	Time	Source	Destination	Protocol	Length	Info
249	2022-05-01 14:41:24.140637	10.0.0.19	10.0.0.138	DNS	83	Standard query 0x0001 PTR 138.0.0.10.in-addr.arpa
250	2022-05-01 14:41:24.144144	10.0.0.138	10.0.0.19	DNS	110	Standard query response 0x0001 PTR 138.0.0.10.in-addr.arpa

> Frame 249: 83 bytes on wire (664 bits), 83 bytes captured (664 bits) on interface \Device\NPF_{D74F2CB2-932B-4194-89FA-1670BCCC3423}, id 3
 > Ethernet II, Src: CyberTAN_09:a2:8f (00:45:e2:09:a2:8f), Dst: HeightsT_2d:03:f6 (00:b8:c2:2d:03:f6)
 > Internet Protocol Version 4, Src: 10.0.0.19, Dst: 10.0.0.138

```
C:\Users\goldi>nslookup www.mit.edu
Server: Broadcom.Home
Address: 10.0.0.138
```

שאלה 13:

בדיוק כמו בשאלה 7, השאילתה אינה מכילה תשובה כלשהי, וסוג השאילתה הוא A.

254	2022-05-01 14:41:24.328630	10.0.0.138	10.0.0.19	DNS	151	Standard query response
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> Domain Name System (response)
 Transaction ID: 0x0002
 > Flags: 0x8183 Standard query response, No such name
 Questions: 1
 Answer RRs: 0
 Authority RRs: 1
 Additional RRs: 0
 > Queries
 > www.mit.edu.Home: type A, class IN
 Name: www.mit.edu.Home
 [Name Length: 16]
 [Label Count: 4]
 Type: A (Host Address) (1)
 Class: IN (0x0001)
 > Authoritative nameservers
 [Request In: 251]

שאלה 14:

3 תשובות, מכילות:

Name, Type, Class, Time to live, Data length, CName.

Answers	
1	www.mit.edu: type CNAME, class IN, cname www.mit.edu.edgekey.net Name: www.mit.edu Type: CNAME (Canonical NAME for an alias) (5) Class: IN (0x0001) Time to live: 1800 (30 minutes) Data length: 25 CNAME: www.mit.edu.edgekey.net
2	www.mit.edu.edgekey.net: type CNAME, class IN, cname e9566.dscb.akamaiedge.net Name: www.mit.edu.edgekey.net Type: CNAME (Canonical NAME for an alias) (5) Class: IN (0x0001) Time to live: 60 (1 minute) Data length: 27 CNAME: e9566.dscb.akamaiedge.net
3	e9566.dscb.akamaiedge.net: type A, class IN, addr 23.50.188.196 Name: e9566.dscb.akamaiedge.net Type: A (Host Address) (1) Class: IN (0x0001) Time to live: 20 (20 seconds) Data length: 4 Address: 23.50.188.196 [Request In: 257]

שאלה 15: מצורף צילום מסך של הווירשארק -

ip.addr == 10.0.0.138

No.	Time	Source	Destination	Protocol	Length	Info
250	2022-05-01 14:41:24.144144	10.0.0.138	10.0.0.19	DNS	110	Standard query response 0x0001 PTR 138.0.0.10.in-addr.ar
251	2022-05-01 14:41:24.145517	10.0.0.19	10.0.0.138	DNS	76	Standard query 0x0002 A www.mit.edu.Home
254	2022-05-01 14:41:24.328630	10.0.0.138	10.0.0.19	DNS	151	Standard query response 0x0002 No such name A www.mit.ec
255	2022-05-01 14:41:24.328917	10.0.0.19	10.0.0.138	DNS	76	Standard query 0x0003 AAAA www.mit.edu.Home
256	2022-05-01 14:41:24.340662	10.0.0.138	10.0.0.19	DNS	151	Standard query response 0x0003 No such name AAAA www.mit
257	2022-05-01 14:41:24.340934	10.0.0.19	10.0.0.138	DNS	71	Standard query 0x0004 A www.mit.edu
265	2022-05-01 14:41:24.828986	10.0.0.138	10.0.0.19	DNS	163	Standard query response 0x0004 A www.mit.edu CNAME www.f
266	2022-05-01 14:41:24.832418	10.0.0.19	10.0.0.138	DNS	71	Standard query 0x0005 AAAA www.mit.edu
267	2022-05-01 14:41:24.847697	10.0.0.138	10.0.0.19	DNS	203	Standard query response 0x0005 AAAA www.mit.edu CNAME w

[Label Count: 3]
Type: A (Host Address) (1)
Class: IN (0x0001)

Answers

- > www.mit.edu: type CNAME, class IN, cname www.mit.edu.edgekey.net
- > www.mit.edu.edgekey.net: type CNAME, class IN, cname e9566.dscb.akamaiedge.net
- > e9566.dscb.akamaiedge.net: type A, class IN, addr 23.50.188.196

[Request In: 257]
[Time: 0.488052000 seconds]

0030 00 03 00 00 00 03 77 77 77 03 6d 69 74 03 65w ww-mit-e

Number of answers in packet (dns.count.answers), 2 bytes

Packets: 400 · Displayed: 10 (2.5%) · Dropped: 0 (0.0%) | Profile: Default

שאלה 16:

השאלתה נשלחה אל הכתובת 10.0.0.138. כן, זו הכתובת של שרת ה'די אן אס' בבירית המחדל שלי.

61	2022-05-01 15:47:58.052372	10.0.0.19	10.0.0.138	DNS	67	Standard query 0x0003 NS mit.edu
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שאלה 17:

השאלתה אינה מכילה תשובה. סוג השאלתה הוא NS – authoritative Name Server

61 2022-05-01 15:47:58.052372 10.0.0.19 10.0.0.138 DNS 67 Standard query 0x0003 NS mit.edu

> Frame 61: 67 bytes on wire (536 bits), 67 bytes captured (536 bits) on interface \Device\NPF_{D74F2CB2-932B-4194-89FA-1670BCCC3423}, id 3

> Ethernet II, Src: CyberTAN_09:a2:8f (00:45:e2:09:a2:8f), Dst: HeightsT_2d:03:f6 (00:b8:c2:2d:03:f6)

> Internet Protocol Version 4, Src: 10.0.0.19, Dst: 10.0.0.138

> User Datagram Protocol, Src Port: 61350, Dst Port: 53

Domain Name System (query)

Transaction ID: 0x0003

Flags: 0x0100 Standard query

Questions: 1

Answer RRs: 0

Authority RRs: 0

Additional RRs: 0

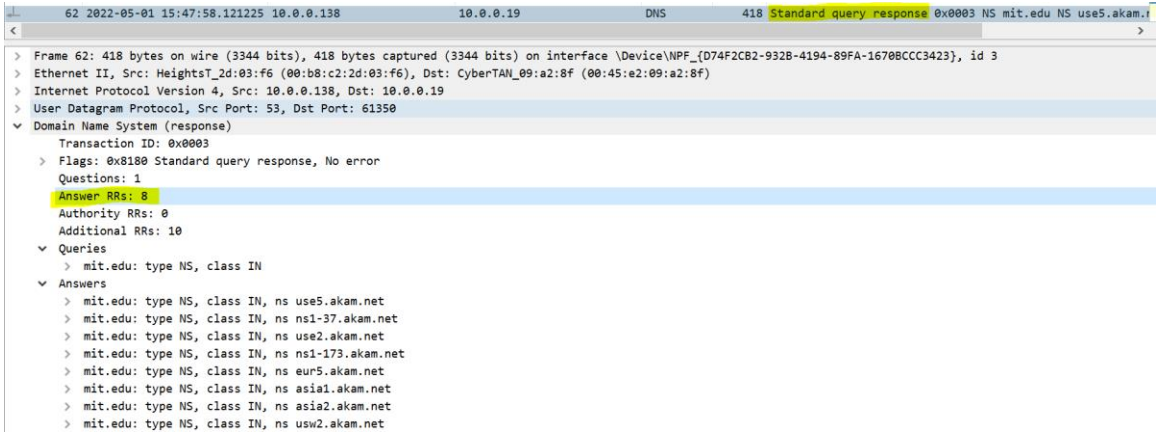
Queries

- > mit.edu: type NS, class IN
 - Name: mit.edu
 - [Name Length: 7]
 - [Label Count: 2]
 - Type: NS (authoritative Name Server) (2)
 - Class: IN (0x0001)

[Response In: 62]

שאלה 18:

התקבלו 8 תשובות. נראה שאין בתשובות כתובות אייפי:



אך בהמשך הפרוטוקול, מופיעה רשומה שמכילה את כתובות האייפי בשם Additional records:

```

  ▾ Additional records
    > eur5.akam.net: type A, class IN, addr 23.74.25.64
    > use2.akam.net: type A, class IN, addr 96.7.49.64
    > use5.akam.net: type A, class IN, addr 2.16.40.64
    > usw2.akam.net: type A, class IN, addr 184.26.161.64
    > asia1.akam.net: type A, class IN, addr 95.100.175.64
    > asia2.akam.net: type A, class IN, addr 95.101.36.64
    > ns1-37.akam.net: type A, class IN, addr 193.108.91.37
    > ns1-173.akam.net: type A, class IN, addr 193.108.91.173
    > use5.akam.net: type AAAA, class IN, addr 2600:1403:a::40
    > ns1-173.akam.net: type AAAA, class IN, addr 2600:1401:2::ad

[Request In: 61]
[Time: 0.068853000 seconds]

```

שאלה 19: מצורף צילום מסך של הוויירשארק –

ip.addr == 10.0.0.138
✕ ➡ ➤ +

No.	Time	Source	Destination	Protocol	Length	Info
4	2022-05-01 15:47:55.021135	10.0.0.138	224.0.0.1	IGMPv3	60	Membership Query, general
26	2022-05-01 15:47:57.908266	10.0.0.19	10.0.0.138	DNS	83	Standard query 0x0001 PTR 138.0.0.10.in-addr.arpa
27	2022-05-01 15:47:57.912878	10.0.0.138	10.0.0.19	DNS	110	Standard query response 0x0001 PTR 138.0.0.10.in-addr.arpa PTR
28	2022-05-01 15:47:57.914204	10.0.0.19	10.0.0.138	DNS	72	Standard query 0x0002 NS mit.edu.Home
60	2022-05-01 15:47:58.051713	10.0.0.138	10.0.0.19	DNS	147	Standard query response 0x0002 No such name NS mit.edu.Home SOA
61	2022-05-01 15:47:58.052372	10.0.0.19	10.0.0.138	DNS	67	Standard query 0x0003 NS mit.edu.
62	2022-05-01 15:47:58.121225	10.0.0.138	10.0.0.19	DNS	418	Standard query response 0x0003 NS mit.edu NS use5.akam.net NS r
100	2022-05-01 15:47:58.706486	10.0.0.138	10.0.0.19	NBNS	92	Name query NBSTAT *<00><00><00><00><00><00><00><00><00><00>
101	2022-05-01 15:47:58.706527	10.0.0.19	10.0.0.138	NBNS	199	Name query response NBSTAT
139	2022-05-01 15:47:59.208225	10.0.0.138	10.0.0.19	NBNS	92	Name query NBSTAT *<00><00><00><00><00><00><00><00><00><00>
140	2022-05-01 15:47:59.208507	10.0.0.19	10.0.0.138	NBNS	199	Name query response NBSTAT

< ➡ ➤

> Frame 62: 418 bytes on wire (3344 bits), 418 bytes captured (3344 bits) on interface \Device\NPF_{D74F2CB2-932B-4194-89FA-1670BCCC3423}, id 3

> Ethernet II, Src: HeightsT_2d:03:f6 (00:b8:c2:2d:03:f6), Dst: CyberTAN_09:a2:8f (00:45:a2:09:a2:8f)

> Internet Protocol Version 4, Src: 10.0.0.138, Dst: 10.0.0.19

> User Datagram Protocol, Src Port: 53, Dst Port: 61350

▼ Domain Name System (response)

Transaction ID: 0x0003

> Flags: 0x8180 Standard query response, No error

Questions: 1

Answer RRs: 8

Authority RRs: 0

Additional RRs: 10

▼ Queries

0030 00 08 00 00 00 0a 03 6d 69 74 03 65 64 75 00 00
m it-edu-

0030 00 08 00 00 00 0a 03 6d 69 74 03 65 64 75 00 00
m it-edu-

Number of answers in packet (dns.count.answers), 2 bytes
Packets: 161 · Displayed: 11 (6.8%) · Dropped: 0 (0.0%)
Profile: Default

שאלה 20:

השאלתה נשלחה אל הכתובת 10.0.0.138. כן, זו הכתובת של שרת ה'די אן אס' בברירת המחדל שלי.

11	2022-05-01 16:08:54.757662	10.0.0.19	10.0.0.138	DNS	73	Standard query 0xce9b A bitsy.mit.edu
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שאלה 21:

השאלתה אינה מכילה תשובה כלשהי, וסוג השאלתה הוא A.

11	2022-05-01 16:08:54.757662	10.0.0.19	10.0.0.138	DNS	73	Standard query 0xce9b A bitsy.mit.edu
12	2022-05-01 16:08:54.848235	10.0.0.138	10.0.0.19	DNS	89	Standard query response 0xce9b A bitsy.

```

<
> Frame 11: 73 bytes on wire (584 bits), 73 bytes captured (584 bits) on interface \Device\NPF_{D74F2CB2-932B-4194-89FA-1670BCCC3423}, id 3
> Ethernet II, Src: CyberTAN_09:a2:8f (00:45:e2:09:a2:8f), Dst: HeightsT_2d:03:f6 (00:b8:c2:2d:03:f6)
> Internet Protocol Version 4, Src: 10.0.0.19, Dst: 10.0.0.138
> User Datagram Protocol, Src Port: 64989, Dst Port: 53
v Domain Name System (query)
  > Transaction ID: 0xce9b
  > Flags: 0x0100 Standard query
  Questions: 1
  Answer RRs: 0
  Authority RRs: 0
  Additional RRs: 0
  v Queries
    v bitsy.mit.edu: type A, class IN
      Name: bitsy.mit.edu
      [Name Length: 13]
      [Label Count: 3]
      Type: A (Host Address) (1)
      Class: IN (0x0001)
      [Retransmitted request. Original request in: 10]
      [Retransmission: True]

```

שאלה 22:

תשובה אחת. מכילה:

Name, Type, Class, Time to live, Data length, Address.

No.	Time	Source	Destination	Protocol	Length	Info
12	2022-05-01 16:08:54.848235	10.0.0.138	10.0.0.19	DNS	89	Standard query response 0xce9b A bitsy.mit.edu A 18.0.72.3

```

<
> Transaction ID: 0xce9b
> Flags: 0x8180 Standard query response, No error
Questions: 1
Answer RRs: 1
Authority RRs: 0
Additional RRs: 0
v Queries
  v bitsy.mit.edu: type A, class IN
    Name: bitsy.mit.edu
    [Name Length: 13]
    [Label Count: 3]
    Type: A (Host Address) (1)
    Class: IN (0x0001)
  v Answers
    v bitsy.mit.edu: type A, class IN, addr 18.0.72.3
      Name: bitsy.mit.edu
      Type: A (Host Address) (1)
      Class: IN (0x0001)
      Time to live: 1800 (30 minutes)
      Data length: 4
      Address: 18.0.72.3
      [Request In: 10]
      [Time: 0.123269000 seconds]

```

שאלה 23: מצורף צילום מסך של הוויירשארק –

The screenshot displays a Wireshark network traffic capture. The top toolbar includes various icons for file operations, network analysis, and search. The filter bar at the top shows the filter `ip.addr == 10.0.0.138`. The main packet list pane shows a table of captured packets:

No.	Time	Source	Destination	Protocol	Length	Info
10	2022-05-01 16:08:54.724966	10.0.0.19	10.0.0.138	DNS	73	Standard query 0xce9b A bitsy.mit.edu
11	2022-05-01 16:08:54.757662	10.0.0.19	10.0.0.138	DNS	73	Standard query 0xce9b A bitsy.mit.edu
12	2022-05-01 16:08:54.848235	10.0.0.138	10.0.0.19	DNS	89	Standard query response 0xce9b A bitsy.mit.edu A 18.0.72.3
77	2022-05-01 16:08:58.782315	10.0.0.138	10.0.0.19	NBNS	92	Name query NBSTAT *<00><00><00><00><00><00><00><00><00><00><00><00>
78	2022-05-01 16:08:58.782364	10.0.0.19	10.0.0.138	NBNS	199	Name query response NBSTAT
111	2022-05-01 16:08:59.068539	10.0.0.138	10.0.0.19	NBNS	92	Name query NBSTAT *<00><00><00><00><00><00><00><00><00><00><00><00>
112	2022-05-01 16:08:59.068588	10.0.0.19	10.0.0.138	NBNS	199	Name query response NBSTAT
130	2022-05-01 16:09:02.736277	10.0.0.138	10.0.0.19	NBNS	92	Name query NBSTAT *<00><00><00><00><00><00><00><00><00><00><00><00>
131	2022-05-01 16:09:02.736330	10.0.0.19	10.0.0.138	NBNS	199	Name query response NBSTAT
138	2022-05-01 16:09:03.953674	10.0.0.138	10.0.0.19	NBNS	92	Name query NBSTAT *<00><00><00><00><00><00><00><00><00><00><00><00>
139	2022-05-01 16:09:03.953722	10.0.0.19	10.0.0.138	NBNS	199	Name query response NBSTAT

The packet details pane for packet 11 shows the following structure:

- Frame 11: 73 bytes on wire (584 bits), 73 bytes captured (584 bits) on interface \Device\NPF_{D74F2CB2-932B-4194-89FA-1670BCCC3423}, id 3
- Ethernet II, Src: CyberTAN_09:a2:8f (00:45:e2:09:a2:8f), Dst: HeightsT_2d:03:f6 (00:b8:c2:2d:03:f6)
- Internet Protocol Version 4, Src: 10.0.0.19, Dst: 10.0.0.138
- User Datagram Protocol, Src Port: 64989, Dst Port: 53
- Domain Name System (query)
 - Transaction ID: 0xce9b
 - Flags: 0x0100 Standard query
 - Questions: 1
 - Answer RRs: 0
 - Authority RRs: 0
 - Additional RRs: 0
 - Queries

The packet bytes pane shows the raw data in hexadecimal and ASCII:

```
0030 00 00 00 00 00 00 05 62 69 74 73 79 03 6d 69 74 .....b itsy.mit
```

The status bar at the bottom indicates: Number of answers in packet (dns.count.answers), 2 bytes | Packets: 159 · Displayed: 11 (6.9%) · Dropped: 0 (0.0%) | Profile: Default