

מטלה 1 תקשורת

מירב בוים 206489155

נעמה שטאובר 316162114

רעות דביר 204121446

1. הזמן שעבר מרגע HTTP GET עד קבלת OK: 0.288385000 שניות

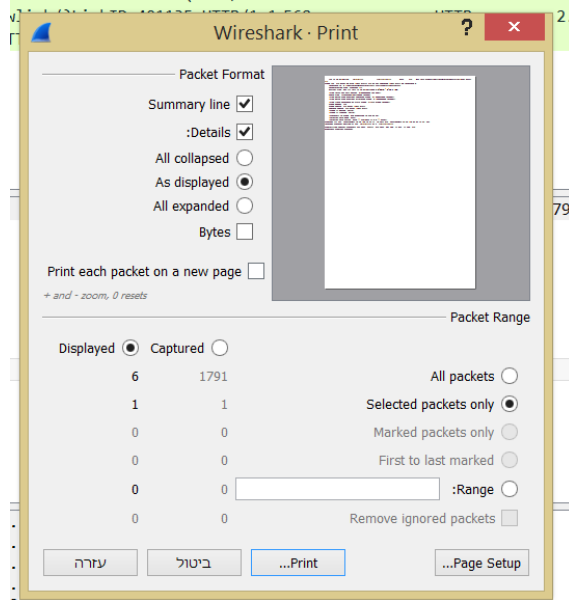
The screenshot shows a Wireshark capture of an HTTP transaction. The packet list pane shows several packets, including a GET request and an OK response. The packet details pane for the selected packet (Frame 760) shows the following information:

- Frame 760: 492 bytes on wire (3936 bits), 492 bytes captured (3936 bits) on interface 0
- (Interface id: 0 (\Device\NPF_{BFFC1018-7331-45C2-94DD-52250E91E62E} (1
- (Encapsulation type: Ethernet (1
- Arrival Time: Nov 12, 2017 14:30:05.175621000
- [Time shift for this packet: 0.000000000 seconds]
- Epoch Time: 1510489805.175621000 seconds
- [Time delta from previous captured frame: 0.036250000 seconds]
- [Time delta from previous displayed frame: 0.288385000 seconds]
- [Time since reference or first frame: 4.540786000 seconds]
- Frame Number: 760
- (Frame Length: 492 bytes (3936 bits
- (Capture Length: 492 bytes (3936 bits
- [Frame is marked: False]

2. כתובת הIP של gaia הוא: 128.119.245.12
כתובת הIP של המחשב שלי הוא: 10.9.0.217

The screenshot shows the same Wireshark capture as the first one. The packet list pane shows the same packets. The 'Destination' and 'Source' IP addresses are highlighted with red circles:

- Destination: 128.119.245.12
- Source: 10.9.0.217

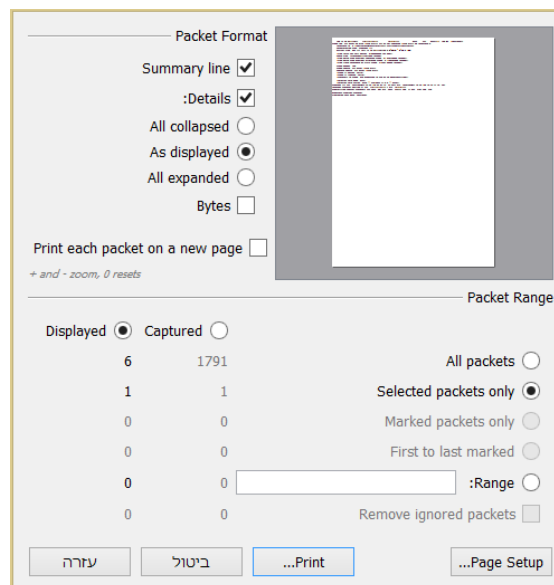


3. הדפסה GET

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734 14:30:04.887236  10.9.0.217      128.119.245.12    HTTP      379    GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/
1.1
Frame 734: 379 bytes on wire (3032 bits), 379 bytes captured (3032 bits) on interface 0
Interface id: 0 (\Device\NPF_{BFFC1018-7331-45C2-94DD-52250E91E62E})
Encapsulation type: Ethernet (1)
Arrival Time: Nov 12, 2017 14:30:04.887236000 שעות ירושלים
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1510489804.887236000 seconds
[Time delta from previous captured frame: 0.000045000 seconds]
[Time delta from previous displayed frame: 0.000000000 seconds]
[Time since reference or first frame: 4.252401000 seconds]
Frame Number: 734
Frame Length: 379 bytes (3032 bits)
Capture Length: 379 bytes (3032 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:http]
[Coloring Rule Name: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: IntelCor_21:2a:46 (d0:7e:35:21:2a:46), Dst: Fortinet_79:99:c0 (90:6c:ac:79:99:c0)
Internet Protocol Version 4, Src: 10.9.0.217, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 53921, Dst Port: 80, Seq: 1, Ack: 1, Len: 325
Hypertext Transfer Protocol

```



הדפסה OK

```

760 14:30:05.175621  128.119.245.12    10.9.0.217      HTTP      492    HTTP/1.1 200 OK (text/html)
Frame 760: 492 bytes on wire (3936 bits), 492 bytes captured (3936 bits) on interface 0
Interface id: 0 (\Device\NPF_{BFFC1018-7331-45C2-94DD-52250E91E62E})
Encapsulation type: Ethernet (1)
Arrival Time: Nov 12, 2017 14:30:05.175621000 שעות ירושלים
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1510489805.175621000 seconds
[Time delta from previous captured frame: 0.036250000 seconds]
[Time delta from previous displayed frame: 0.288385000 seconds]
[Time since reference or first frame: 4.540786000 seconds]
Frame Number: 760
Frame Length: 492 bytes (3936 bits)
Capture Length: 492 bytes (3936 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp:http:data-text-lines]
[Coloring Rule Name: HTTP]
[Coloring Rule String: http || tcp.port == 80 || http2]
Ethernet II, Src: Fortinet_79:99:c0 (90:6c:ac:79:99:c0), Dst: IntelCor_21:2a:46 (d0:7e:35:21:2a:46)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 10.9.0.217
Transmission Control Protocol, Src Port: 80, Dst Port: 53921, Seq: 1, Ack: 326, Len: 438
Hypertext Transfer Protocol
Line-based text data: text/html

```