נספח מטלה 4

שאנו reply את הודעת ה ping שאנו שולחים ל 8.8.8.8 ואת ה wireshark . מקבלים. כמו כן ניתן לראות בטרמינל את הRTT.

```
1 0.0000000000 10.0.2.15 8.8.8.8 ICMP 98 Echo (ping) request id=0xfc0d, seq=0/0, ttl=64 (reply in 2) 2 0.081978564 8.8.8.8 10.0.2.15 ICMP 98 Echo (ping) reply id=0xfc0d, seq=0/0, ttl=112 (request in ...
```

```
user@user-VirtualBox:~/Documents/communication/hw4$ sudo ./myPing
***Got message!***
The RTT in milliseconds is: 82.231000
The RTT in microseconds is: 82231.000000
```

```
1 0.0000000000 10.0.2.15 8.8.8.8 ICMP 98 Echo (ping) request id=0xfc0d, seq=0/0, ttl=64 (reply in 2) 2 0.081978564 8.8.8.8 10.0.2.15 ICMP 98 Echo (ping) reply id=0xfc0d, seq=0/0, ttl=112 (request in ...
```

:request ניתן לראות כאן את המידע עבור פאקטת

```
The ip source is: 10.0.2.15
The ip destination is: 8.8.8.8
The type of icmp is: 8
The code of icmp is: 0

Internet Protocol Version 4, Src: 10.0.2.15, Dst: 8.8.8.8

Internet Control Message Protocol

Type: 8 (Echo (ping) request)
Code: 0

Checksum: 0x3800 [correct]
[Checksum Status: Good]
Identifier (BE): 33806 (0x840e)
Identifier (LE): 3716 (0x0e84)
Sequence number (BE): 0 (0x0000)
```

ניתן לראות כאן את המידע עבור פאקטת reply:

Internet Protocol Version 4, Src: 8.8.8.8, Dst: 10.0.2.15

Sequence number (LE): 0 (0x0000)

[Response frame: 2]
Data (56 bytes)

```
The ip source is: 8.8.8.8
The ip destination is: 10.0.2.15
The type of icmp is: 0
The code of icmp is: 0
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