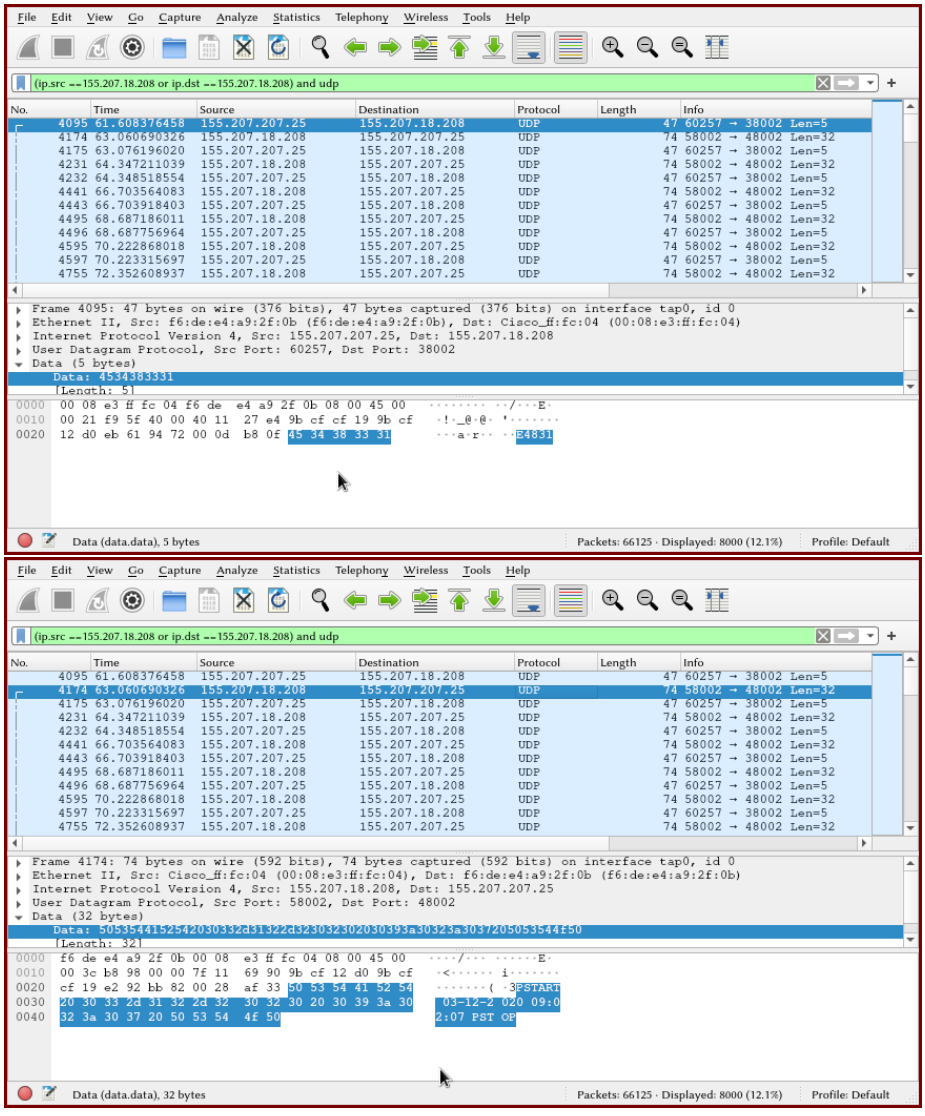
Δίκτυα Υπολογιστών II

Στεφανίδης Ιωάννης

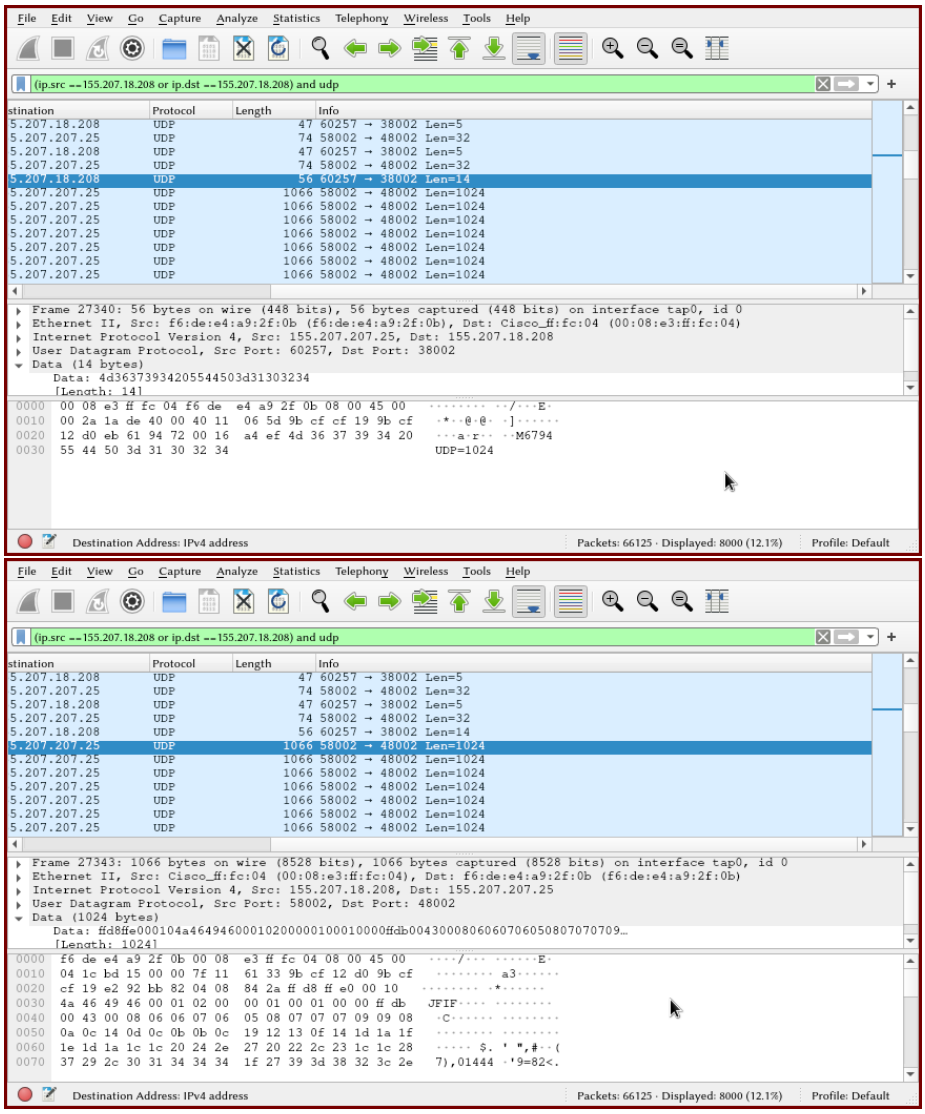
ΑΕΜ: 9587

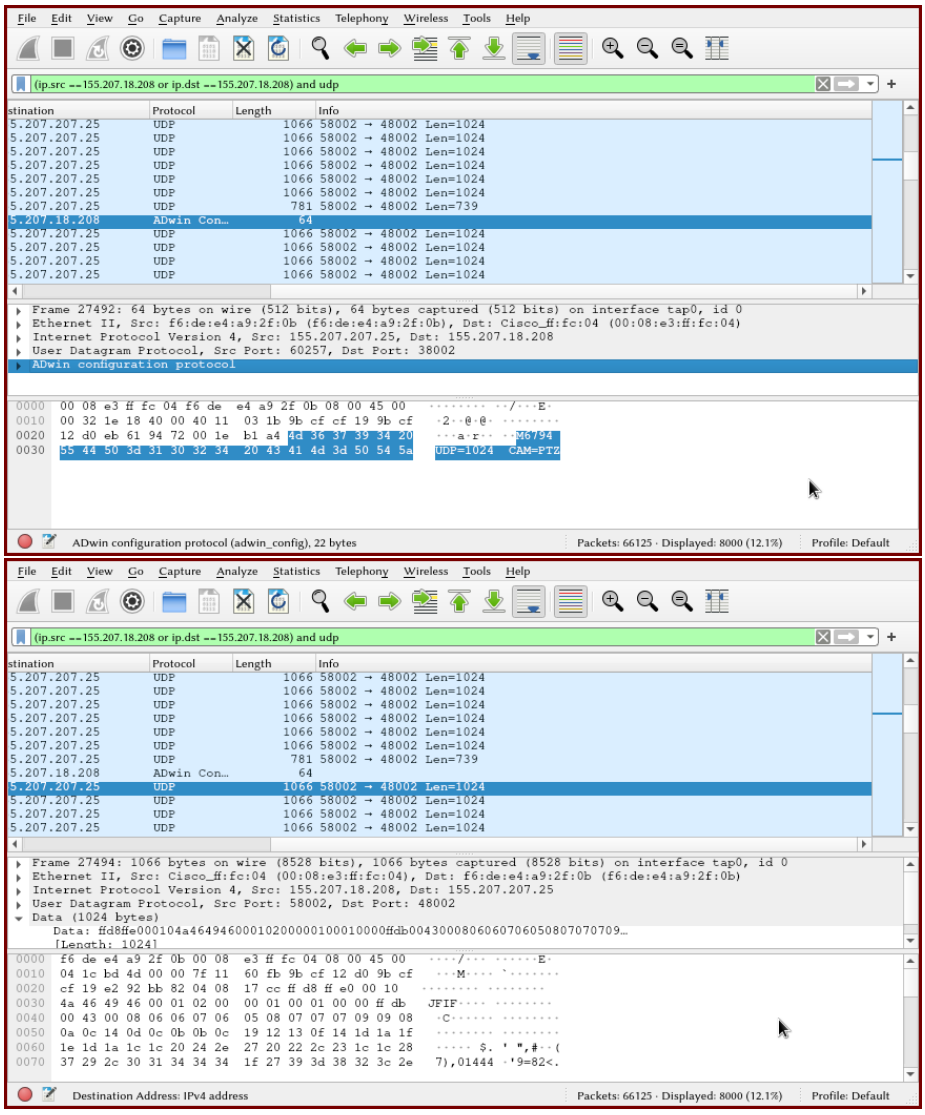
Wireshark

1 Echo

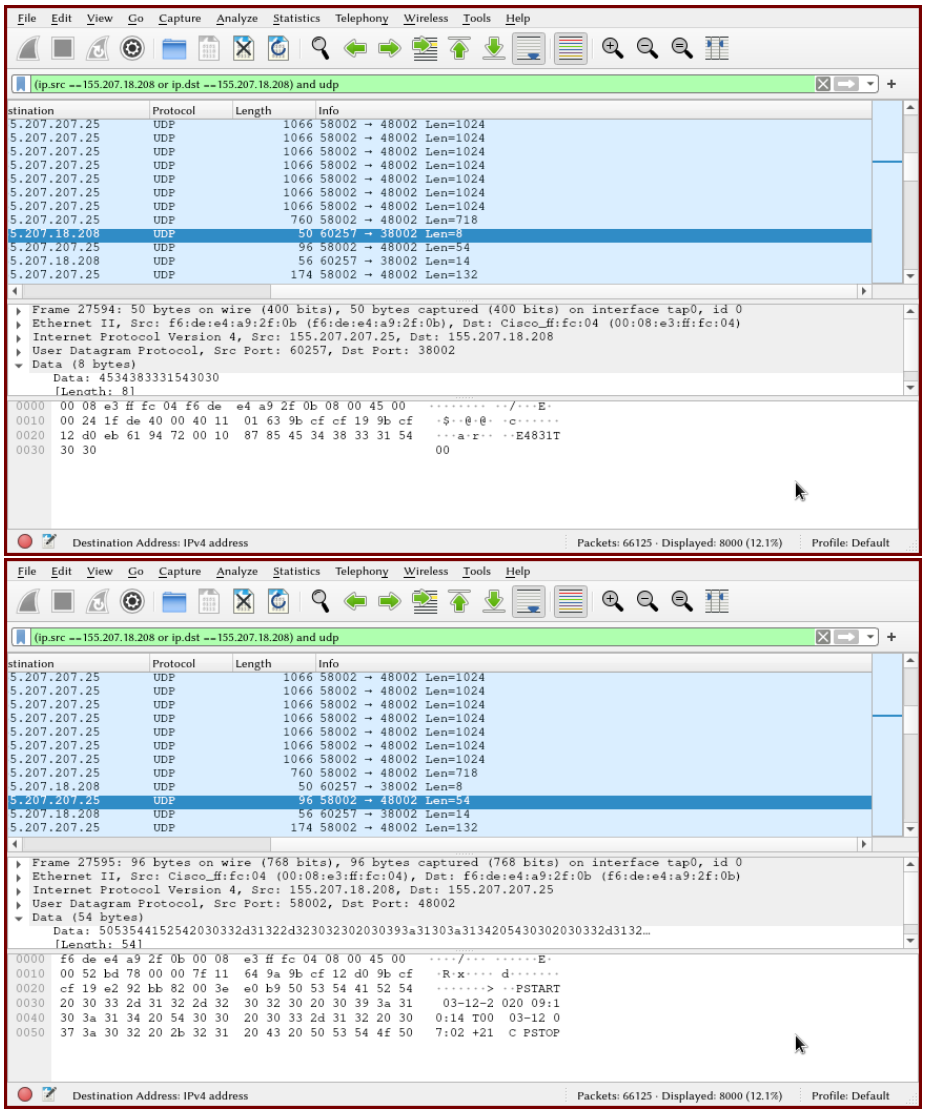

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
(ip.src == 155.207.18.208 or ip.dst == 155.207.18.208) and udp
No. Time Source Destination Protocol Length Info
4095 61.608376458 155.207.207.25 155.207.18.208 UDP 47 60257 → 38002 Len=5
4174 63.060690326 155.207.18.208 155.207.207.25 UDP 74 58002 → 48002 Len=32
4175 63.076196020 155.207.207.25 155.207.18.208 UDP 47 60257 → 38002 Len=5
4231 64.347211039 155.207.18.208 155.207.207.25 UDP 74 58002 → 48002 Len=32
4232 64.348518554 155.207.207.25 155.207.18.208 UDP 47 60257 → 38002 Len=5
4441 66.703564083 155.207.18.208 155.207.207.25 UDP 74 58002 → 48002 Len=32
4443 66.703918403 155.207.207.25 155.207.18.208 UDP 47 60257 → 38002 Len=5
4495 68.687186011 155.207.18.208 155.207.207.25 UDP 74 58002 → 48002 Len=32
4496 68.687756964 155.207.207.25 155.207.18.208 UDP 47 60257 → 38002 Len=5
4595 70.222868018 155.207.18.208 155.207.207.25 UDP 74 58002 → 48002 Len=32
4597 70.223315697 155.207.207.25 155.207.18.208 UDP 47 60257 → 38002 Len=5
4755 72.352608937 155.207.18.208 155.207.207.25 UDP 74 58002 → 48002 Len=32
Frame 4095: 47 bytes on wire (376 bits), 47 bytes captured (376 bits) on interface tap0, id 0
Ethernet II, Src: f6:de:e4:a9:2f:0b (f6:de:e4:a9:2f:0b), Dst: Cisco_ff:fc:04 (00:08:e3:ff:fc:04)
Internet Protocol Version 4, Src: 155.207.207.25, Dst: 155.207.18.208
User Datagram Protocol, Src Port: 60257, Dst Port: 38002
Data (5 bytes)
Data: 4534383331
[Length: 5]
0000 00 08 e3 ff fc 04 f6 de e4 a9 2f 0b 08 00 45 00
0010 00 21 f9 5f 40 00 40 11 27 e4 9b cf cf 19 9b cf
0020 12 d0 eb 61 94 72 00 0d b8 0f 45 34 38 33 31
Data (data.data), 5 bytes
Packets: 66125 · Displayed: 8000 (12.1%)
Profile: Default
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
(ip.src == 155.207.18.208 or ip.dst == 155.207.18.208) and udp
No. Time Source Destination Protocol Length Info
4095 61.608376458 155.207.207.25 155.207.18.208 UDP 47 60257 → 38002 Len=5
4174 63.060690326 155.207.18.208 155.207.207.25 UDP 74 58002 → 48002 Len=32
4175 63.076196020 155.207.207.25 155.207.18.208 UDP 47 60257 → 38002 Len=5
4231 64.347211039 155.207.18.208 155.207.207.25 UDP 74 58002 → 48002 Len=32
4232 64.348518554 155.207.207.25 155.207.18.208 UDP 47 60257 → 38002 Len=5
4441 66.703564083 155.207.18.208 155.207.207.25 UDP 74 58002 → 48002 Len=32
4443 66.703918403 155.207.207.25 155.207.18.208 UDP 47 60257 → 38002 Len=5
4495 68.687186011 155.207.18.208 155.207.207.25 UDP 74 58002 → 48002 Len=32
4496 68.687756964 155.207.207.25 155.207.18.208 UDP 47 60257 → 38002 Len=5
4595 70.222868018 155.207.18.208 155.207.207.25 UDP 74 58002 → 48002 Len=32
4597 70.223315697 155.207.207.25 155.207.18.208 UDP 47 60257 → 38002 Len=5
4755 72.352608937 155.207.18.208 155.207.207.25 UDP 74 58002 → 48002 Len=32
Frame 4174: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface tap0, id 0
Ethernet II, Src: Cisco_ff:fc:04 (00:08:e3:ff:fc:04), Dst: f6:de:e4:a9:2f:0b (f6:de:e4:a9:2f:0b)
Internet Protocol Version 4, Src: 155.207.18.208, Dst: 155.207.207.25
User Datagram Protocol, Src Port: 58002, Dst Port: 48002
Data (32 bytes)
Data: 505354415254203033322d31322d323032302030393a30323a3037205053544f50
[Length: 32]
0000 f6 de e4 a9 2f 0b 00 08 e3 ff fc 04 08 00 45 00
0010 00 3c b8 98 00 00 7f 11 69 90 9b cf 12 d0 9b cf
0020 cf 19 e2 92 bb 82 00 28 af 33 50 53 54 41 52 54
0030 20 30 33 2d 31 32 2d 32 30 32 30 20 30 39 3a 30
0040 32 3a 30 37 20 50 53 54 4f 50
Data (data.data), 32 bytes
Packets: 66125 · Displayed: 8000 (12.1%)
Profile: Default

2 Image


File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
(ip.src == 155.207.18.208 or ip.dst == 155.207.18.208) and udp
stination Protocol Length Info
5.207.18.208 UDP 47 60257 → 38002 Len=5
5.207.207.25 UDP 74 58002 → 48002 Len=32
5.207.18.208 UDP 47 60257 → 38002 Len=5
5.207.207.25 UDP 74 58002 → 48002 Len=32
5.207.18.208 UDP 56 60257 → 38002 Len=14
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
Frame 27340: 56 bytes on wire (448 bits), 56 bytes captured (448 bits) on interface tap0, id 0
Ethernet II, Src: f6:de:e4:a9:2f:0b (f6:de:e4:a9:2f:0b), Dst: Cisco_ff:fc:04 (00:08:e3:ff:fc:04)
Internet Protocol Version 4, Src: 155.207.207.25, Dst: 155.207.18.208
User Datagram Protocol, Src Port: 60257, Dst Port: 38002
Data (14 bytes)
Data: 4d36373934205544503d31303234
[Length: 14]
0000 00 08 e3 ff fc 04 f6 de e4 a9 2f 0b 08 00 45 00
0010 00 2a 1a de 40 00 40 11 06 5d 9b cf cf 19 9b cf
0020 12 d0 eb 61 94 72 00 16 a4 ef 4d 36 37 39 34 20
0030 55 44 50 3d 31 30 32 34 UDP=1024
Destination Address: IPv4 address
Packets: 66125 · Displayed: 8000 (12.1%)
Profile: Default
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
(ip.src == 155.207.18.208 or ip.dst == 155.207.18.208) and udp
stination Protocol Length Info
5.207.18.208 UDP 47 60257 → 38002 Len=5
5.207.207.25 UDP 74 58002 → 48002 Len=32
5.207.18.208 UDP 47 60257 → 38002 Len=5
5.207.207.25 UDP 74 58002 → 48002 Len=32
5.207.18.208 UDP 56 60257 → 38002 Len=14
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
Frame 27343: 1066 bytes on wire (8528 bits), 1066 bytes captured (8528 bits) on interface tap0, id 0
Ethernet II, Src: Cisco_ff:fc:04 (00:08:e3:ff:fc:04), Dst: f6:de:e4:a9:2f:0b (f6:de:e4:a9:2f:0b)
Internet Protocol Version 4, Src: 155.207.18.208, Dst: 155.207.207.25
User Datagram Protocol, Src Port: 58002, Dst Port: 48002
Data (1024 bytes)
Data: ffd8ffe000104a464946000102000001000100000ffdb0043000806060706050807070709…
[Length: 1024]
0000 f6 de e4 a9 2f 0b 00 08 e3 ff fc 04 08 00 45 00
0010 04 1c bd 15 00 00 7f 11 61 33 9b cf 12 d0 9b cf
0020 cf 19 e2 92 bb 82 04 08 84 2a ff d8 ff e0 00 10
0030 4a 46 49 46 00 01 02 00 00 01 00 01 00 00 ff db JFIF
0040 00 43 00 08 06 06 07 06 05 08 07 07 07 09 09 08
0050 0a 0c 14 0d 0c 0b 0b 0c 19 12 13 0f 14 1d 1a 1f
0060 1e 1d 1a 1c 1c 20 24 2e 27 20 22 2c 23 1c 1c 28
0070 37 29 2c 30 31 34 34 34 1f 27 39 3d 38 32 3c 2e
Destination Address: IPv4 address
Packets: 66125 · Displayed: 8000 (12.1%)
Profile: Default

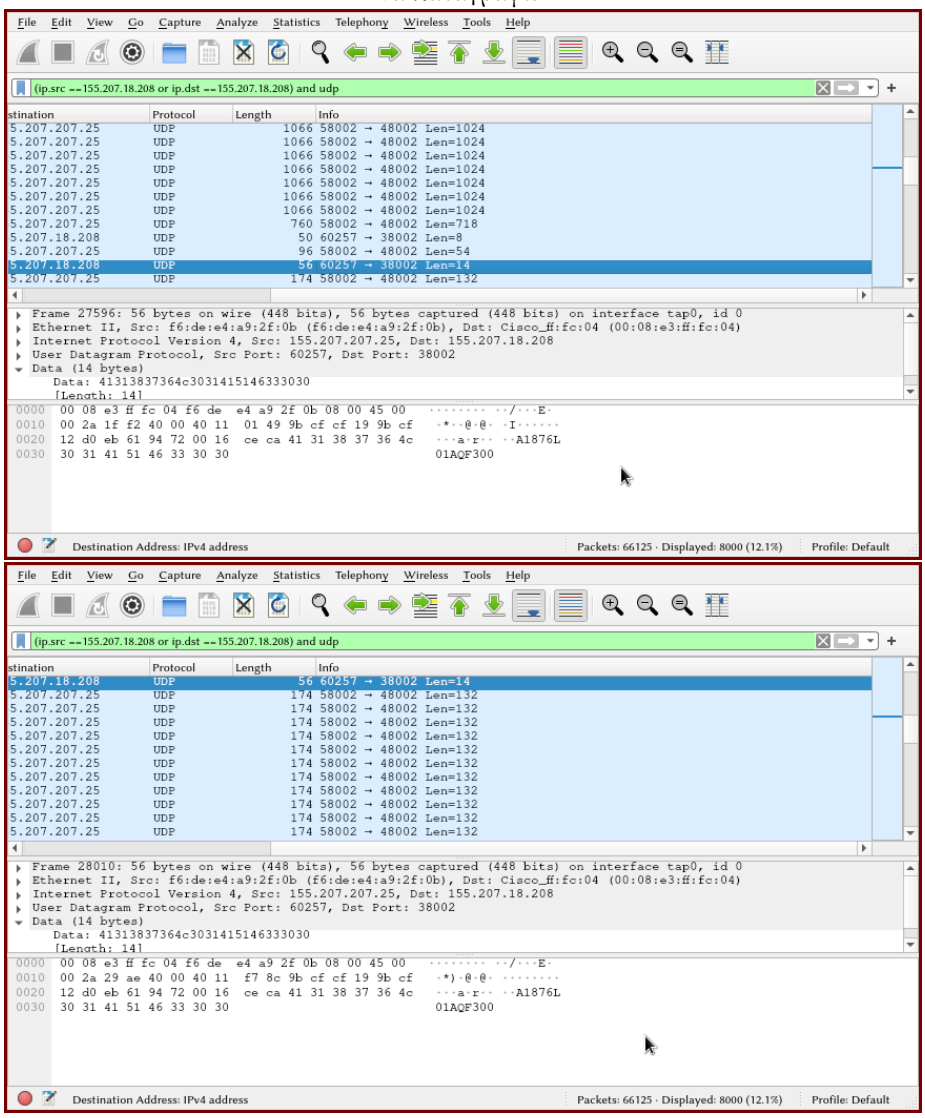

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
(ip.src == 155.207.18.208 or ip.dst == 155.207.18.208) and udp
stination Protocol Length Info
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 781 58002 → 48002 Len=739
5.207.18.208 ADwin Con… 64
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
Frame 27492: 64 bytes on wire (512 bits), 64 bytes captured (512 bits) on interface tap0, id 0
Ethernet II, Src: f6:de:e4:a9:2f:0b (f6:de:e4:a9:2f:0b), Dst: Cisco_ff:fc:04 (00:08:e3:ff:fc:04)
Internet Protocol Version 4, Src: 155.207.207.25, Dst: 155.207.18.208
User Datagram Protocol, Src Port: 60257, Dst Port: 38002
ADwin configuration protocol
0000 00 08 e3 ff fc 04 f6 de e4 a9 2f 0b 08 00 45 00 ·····/···E·
0010 00 32 1e 18 40 00 40 11 03 1b 9b cf cf 19 9b cf ·2··@·@· ····
0020 12 d0 eb 61 94 72 00 1e b1 a4 4d 36 37 39 34 20 ···a·r·· ··M6794
0030 55 44 50 3d 31 30 32 34 20 43 41 4d 3d 50 54 5a UDP=1024 CAM=PTZ
ADwin configuration protocol (adwin_config), 22 bytes
Packets: 66125 · Displayed: 8000 (12.1%)
Profile: Default
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
(ip.src == 155.207.18.208 or ip.dst == 155.207.18.208) and udp
stination Protocol Length Info
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 781 58002 → 48002 Len=739
5.207.18.208 ADwin Con… 64
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
5.207.207.25 UDP 1066 58002 → 48002 Len=1024
Frame 27494: 1066 bytes on wire (8528 bits), 1066 bytes captured (8528 bits) on interface tap0, id 0
Ethernet II, Src: Cisco_ff:fc:04 (00:08:e3:ff:fc:04), Dst: f6:de:e4:a9:2f:0b (f6:de:e4:a9:2f:0b)
Internet Protocol Version 4, Src: 155.207.18.208, Dst: 155.207.207.25
User Datagram Protocol, Src Port: 58002, Dst Port: 48002
Data (1024 bytes)
Data: ffd8ffe000104a464946000102000001000100000ffdb00430008060607060508070707090…
[Length: 1024]
0000 f6 de e4 a9 2f 0b 00 08 e3 ff fc 04 08 00 45 00 ····/··· ·····E·
0010 04 1c bd 4d 00 00 7f 11 60 fb 9b cf 12 d0 9b cf ···M···· `·····
0020 cf 19 e2 92 bb 82 04 08 17 cc ff d8 ff e0 00 10 ····· ·····
0030 4a 46 49 46 00 01 02 00 00 01 00 01 00 00 ff db JFIF···· ·····
0040 00 43 00 08 06 06 07 06 05 08 07 07 07 09 09 08 ·C····· ·····
0050 0a 0c 14 0d 0c 0b 0b 0c 19 12 13 0f 14 1d 1a 1f ····· ·····
0060 1e 1d 1a 1c 1c 20 24 2e 27 20 22 2c 23 1c 1c 28 ····· $. ' ",#··(
0070 37 29 2c 30 31 34 34 34 1f 27 39 3d 38 32 3c 2e 7),01444 ·'9=82<.
Destination Address: IPv4 address
Packets: 66125 · Displayed: 8000 (12.1%)
Profile: Default

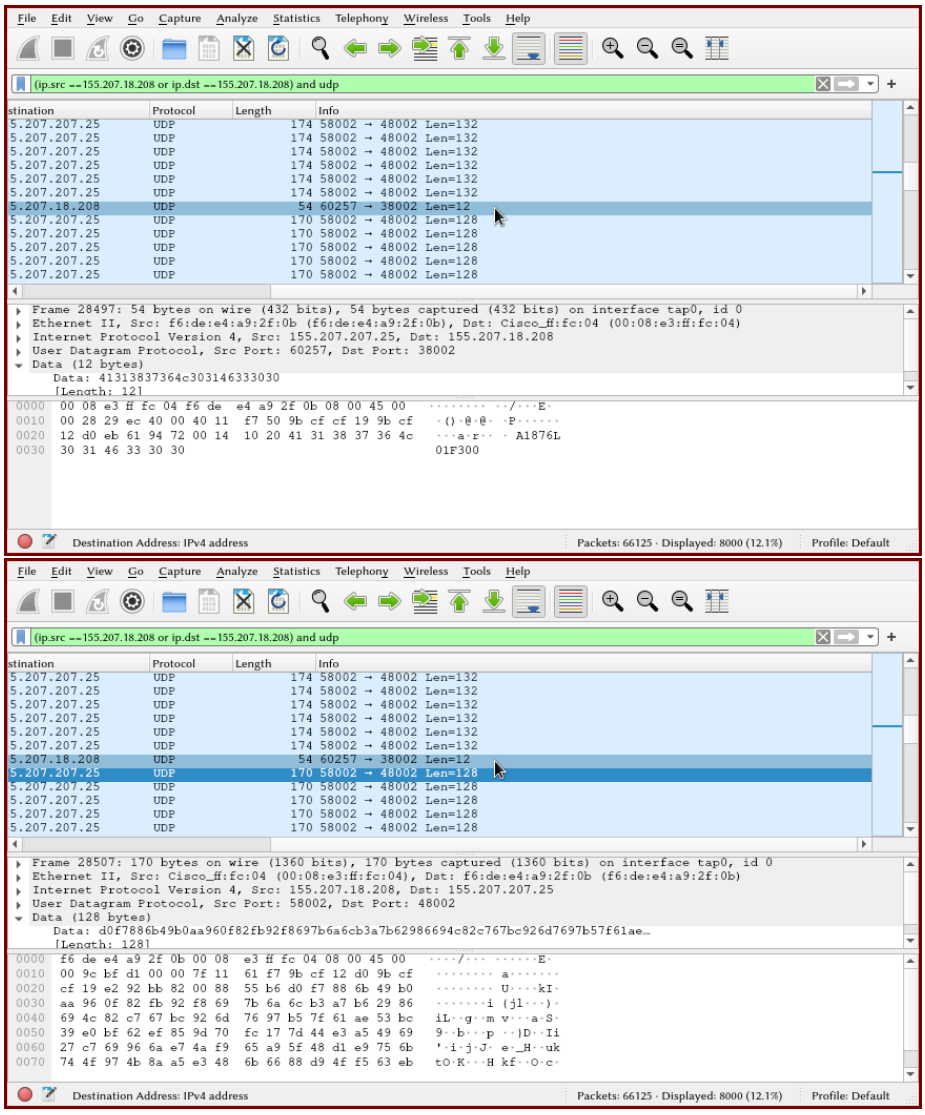
3 Temperatures



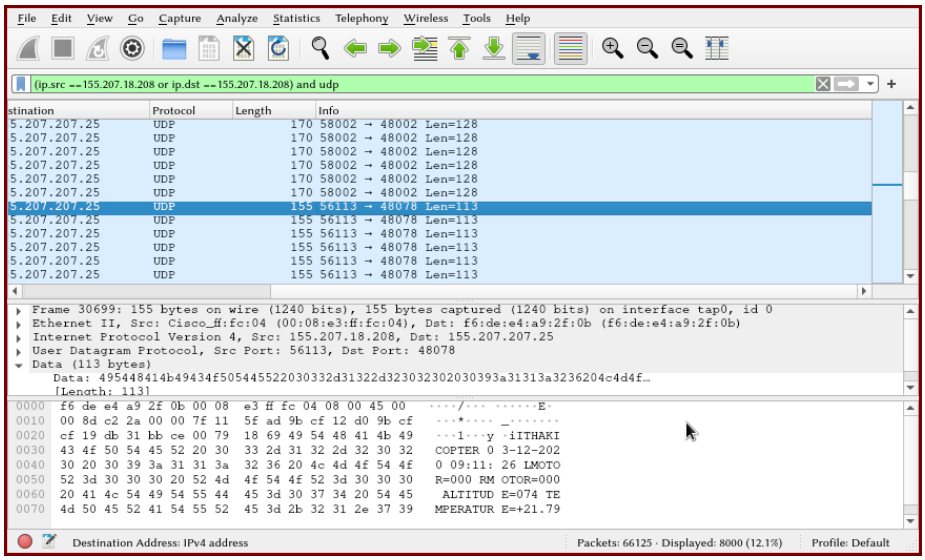
4 Sound

Κατά την εκτέλεση της εφαρμογής μου κατέβασα 2 φορές το τραγούδι 01 και μετά έτρεξα ξεχωριστά το πρόγραμμα μόνο για το τραγούδι 02 το οποίο ξέχασα να καταγράψω.

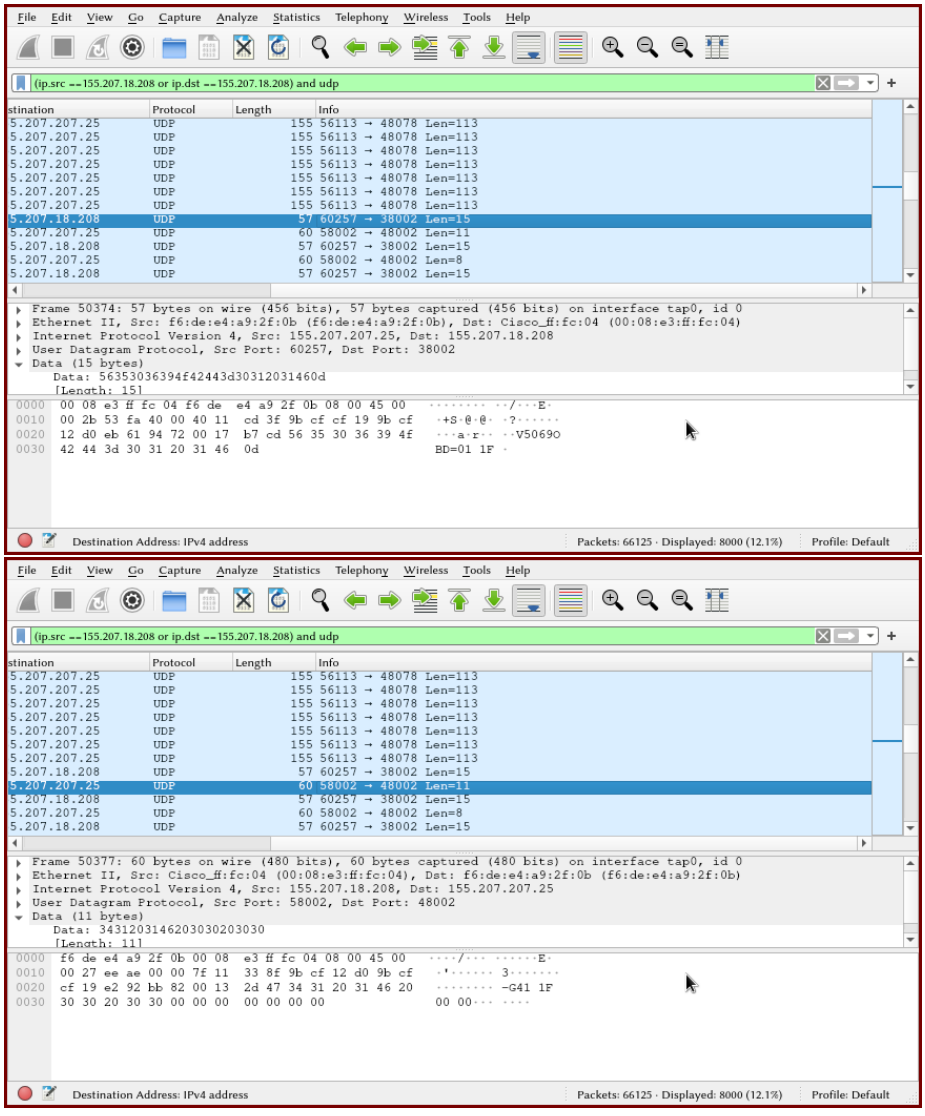



File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
(ip.src == 155.207.18.208 or ip.dst == 155.207.18.208) and udp
stination Protocol Length Info
5.207.207.25 UDP 174 58002 → 48002 Len=132
5.207.207.25 UDP 174 58002 → 48002 Len=132
5.207.207.25 UDP 174 58002 → 48002 Len=132
5.207.207.25 UDP 174 58002 → 48002 Len=132
5.207.207.25 UDP 174 58002 → 48002 Len=132
5.207.207.25 UDP 174 58002 → 48002 Len=132
5.207.18.208 UDP 54 60257 → 38002 Len=12
5.207.207.25 UDP 170 58002 → 48002 Len=128
5.207.207.25 UDP 170 58002 → 48002 Len=128
5.207.207.25 UDP 170 58002 → 48002 Len=128
5.207.207.25 UDP 170 58002 → 48002 Len=128
5.207.207.25 UDP 170 58002 → 48002 Len=128
Frame 28497: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface tap0, id 0
Ethernet II, Src: f6:de:e4:a9:2f:0b (f6:de:e4:a9:2f:0b), Dst: Cisco_ff:fc:04 (00:08:e3:ff:fc:04)
Internet Protocol Version 4, Src: 155.207.207.25, Dst: 155.207.18.208
User Datagram Protocol, Src Port: 60257, Dst Port: 38002
Data (12 bytes)
Data: 41313837364c303146333030
[Length: 12]
0000 00 08 e3 ff fc 04 f6 de e4 a9 2f 0b 08 00 45 00
0010 00 28 29 ec 40 00 40 11 f7 50 9b cf cf 19 9b cf
0020 12 d0 eb 61 94 72 00 14 10 20 41 31 38 37 36 4c
0030 30 31 46 33 30 30
Destination Address: IPv4 address
Packets: 66125 · Displayed: 8000 (12.1%)
Profile: Default
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
(ip.src == 155.207.18.208 or ip.dst == 155.207.18.208) and udp
stination Protocol Length Info
5.207.207.25 UDP 174 58002 → 48002 Len=132
5.207.207.25 UDP 174 58002 → 48002 Len=132
5.207.207.25 UDP 174 58002 → 48002 Len=132
5.207.207.25 UDP 174 58002 → 48002 Len=132
5.207.207.25 UDP 174 58002 → 48002 Len=132
5.207.207.25 UDP 174 58002 → 48002 Len=132
5.207.18.208 UDP 54 60257 → 38002 Len=12
5.207.207.25 UDP 170 58002 → 48002 Len=128
5.207.207.25 UDP 170 58002 → 48002 Len=128
5.207.207.25 UDP 170 58002 → 48002 Len=128
5.207.207.25 UDP 170 58002 → 48002 Len=128
Frame 28507: 170 bytes on wire (1360 bits), 170 bytes captured (1360 bits) on interface tap0, id 0
Ethernet II, Src: Cisco_ff:fc:04 (00:08:e3:ff:fc:04), Dst: f6:de:e4:a9:2f:0b (f6:de:e4:a9:2f:0b)
Internet Protocol Version 4, Src: 155.207.18.208, Dst: 155.207.207.25
User Datagram Protocol, Src Port: 58002, Dst Port: 48002
Data (128 bytes)
Data: d0f7886b49b0aa960f82fb92f8697b6a6cb3a7b62986694c82c767bc926d7697b57f61ae…
[Length: 128]
0000 f6 de e4 a9 2f 0b 00 08 e3 ff fc 04 08 00 45 00
0010 00 9c bf d1 00 00 7f 11 61 f7 9b cf 12 d0 9b cf
0020 cf 19 e2 92 bb 82 00 88 55 b6 d0 f7 88 6b 49 b0
0030 aa 96 0f 82 fb 92 f8 69 7b 6a 6c b3 a7 b6 29 86
0040 69 4c 82 c7 67 bc 92 6d 76 97 b5 7f 61 ae 53 bc
0050 39 e0 bf 62 ef 85 9d 70 fc 17 7d 44 e3 a5 49 69
0060 27 c7 69 96 6a e7 4a f9 65 a9 5f 48 d1 e9 75 6b
0070 74 4f 97 4b 8a a5 e3 48 6b 66 88 d9 4f f5 63 eb
Destination Address: IPv4 address
Packets: 66125 · Displayed: 8000 (12.1%)
Profile: Default

5 Ithaki Copter



6 Vehicle


File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
(ip.src == 155.207.18.208 or ip.dst == 155.207.18.208) and udp
stination Protocol Length Info
5.207.207.25 UDP 155 56113 → 48078 Len=113
5.207.18.208 UDP 57 60257 → 38002 Len=15
5.207.207.25 UDP 60 58002 → 48002 Len=11
5.207.18.208 UDP 57 60257 → 38002 Len=15
5.207.207.25 UDP 60 58002 → 48002 Len=8
Frame 50374: 57 bytes on wire (456 bits), 57 bytes captured (456 bits) on interface tap0, id 0
Ethernet II, Src: f6:de:e4:a9:2f:0b (f6:de:e4:a9:2f:0b), Dst: Cisco_ff:fc:04 (00:08:e3:ff:fc:04)
Internet Protocol Version 4, Src: 155.207.207.25, Dst: 155.207.18.208
User Datagram Protocol, Src Port: 60257, Dst Port: 38002
Data (15 bytes)
Data: 56353036394f42443d30312031460d
[Length: 15]
0000 00 08 e3 ff fc 04 f6 de e4 a9 2f 0b 08 00 45 00
0010 00 2b 53 fa 40 00 40 11 cd 3f 9b cf cf 19 9b cf
0020 12 d0 eb 61 94 72 00 17 b7 cd 56 35 30 36 39 4f
0030 42 44 3d 30 31 20 31 46 0d
Destination Address: IPv4 address
Packets: 66125 · Displayed: 8000 (12.1%)
Profile: Default
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
(ip.src == 155.207.18.208 or ip.dst == 155.207.18.208) and udp
stination Protocol Length Info
5.207.207.25 UDP 155 56113 → 48078 Len=113
5.207.18.208 UDP 57 60257 → 38002 Len=15
5.207.207.25 UDP 60 58002 → 48002 Len=11
5.207.18.208 UDP 57 60257 → 38002 Len=15
5.207.207.25 UDP 60 58002 → 48002 Len=8
Frame 50377: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface tap0, id 0
Ethernet II, Src: Cisco_ff:fc:04 (00:08:e3:ff:fc:04), Dst: f6:de:e4:a9:2f:0b (f6:de:e4:a9:2f:0b)
Internet Protocol Version 4, Src: 155.207.18.208, Dst: 155.207.207.25
User Datagram Protocol, Src Port: 58002, Dst Port: 48002
Data (11 bytes)
Data: 34312031462030302030303
[Length: 11]
0000 f6 de e4 a9 2f 0b 00 08 e3 ff fc 04 08 00 45 00
0010 00 27 ee ae 00 00 7f 11 33 8f 9b cf 12 d0 9b cf
0020 cf 19 e2 92 bb 82 00 13 2d 47 34 31 20 31 46 20
0030 30 30 20 30 30 00 00 00 00 00 00 00
Destination Address: IPv4 address
Packets: 66125 · Displayed: 8000 (12.1%)
Profile: Default