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ЗВІТ

про виконання лабораторних робіт  
з дисципліни “Комп’ютерні мережі”  
Лабораторна робота №4 Основи роботи протоколу ICMP

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# Лабораторна робота №4:

## Основи роботи протоколу ICMP

**Мета роботи:** аналіз основних деталей роботи протоколу ICMP.

### 4.1. Теоретичні відомості

В цій роботі будуть досліджуватися наступні аспекти протоколу ICMP:

- ✓ повідомлення ICMP, що генеруються програмою ping
- ✓ повідомлення ICMP, що генеруються програмою traceroute/tracert;
- ✓ формат та вміст повідомлення ICMP.

Програма ping - простий інструмент, що дозволяє будь-якому користувачеві (наприклад, адміністратору мережі), перевірити, чи доступна деяка робоча станція чи ні. Програма з вихідного вузла посилає пакет на цільову IP адресу, якщо цільова станція доступна, вона відповідає, посилаючи пакет-відповідь назад на вихідну робочу станцію.

### 4.2. Хід роботи

Необхідно виконати наступні дії:

1. Відкрийте командний термінал
2. Запустіть Wireshark, почніть захоплення пакетів.
3. Виконайте команду
  - a. windows: ping -n 10 [www.ust.hk](http://www.ust.hk)
  - b. linux: ping -c 10 [www.ust.hk](http://www.ust.hk)
4. Зупиніть захоплення пакетів.
5. Перегляньте деталі захоплених пакетів. Для цього налаштуйте вікно деталей пакету: згорніть деталі протоколів усіх рівнів крім IP/ICMP (за допомогою знаків +/-).
6. Приготуйте відповіді на контрольні запитання 1-4, роздрукуйте необхідні для цього пакети.
7. Почніть захоплення пакетів.
8. Виконайте команду
  - a. windows: tracert [www.inria.fr](http://www.inria.fr)
  - b. linux: traceroute -I [www.inria.fr](http://www.inria.fr)
9. Зупиніть захоплення пакетів.
10. Приготуйте відповіді на контрольні запитання 5-11, роздрукуйте необхідні для цього пакети.
11. Закрийте Wireshark.
12. Закрийте командний термінал.

### **4.3. Контрольні запитання**

**Форма звітності:** роздруківки збережених в ході ЛР пакетів з фаміліями, ініціалами та групами виконавців (бажано на кожній сторінці).

Контрольні запитання:

1. Які IP адреси вашої та цільової робочих станцій?
2. Чому ICMP пакет не вказує/використовує номери вихідного та цільового портів?
3. Дослідіть один з пакетів-запитів ICMP. Які тип та код зазначені у цьому пакеті? Скільки байтів займають поля контрольної суми, номера послідовності та ідентифікатору?
4. Дослідіть відповідний пакет з відповіддю на пакет із пункту 3. Які тип та код зазначені у цьому пакеті? Які інші поля має цей пакет? Скільки байтів займають поля контрольної суми, номера послідовності та ідентифікатору?
5. Які IP адреси вашої та цільової робочих станцій?
6. Який номер протоколу IP використовується програмою?
7. Чи відрізняється пакет із запитом програми traceroute від пакету із запитом програми ping? Якщо так, наведіть приклади.
8. Проаналізуйте пакет ICMP з повідомленням про помилку. Чи є у ньому деякі додаткові поля, які не зазначаються у повідомленні з підтвердженням. Якщо є – які саме поля і яку інформацію вони вміщують?
9. Проаналізуйте три останні відповіді протоколу ICMP, які отримала ваша робоча станція. Як ці пакети відрізняються від пакетів з повідомленням про помилку? Чому вони відрізняються?
10. Знайдіть етап ретрансляції повідомлень з найбільшою середньою затримкою. Чи є можливість оцінити географічну відстань між маршрутизаторами на цьому етапі?

# Лабораторна робота №4: Основи роботи протоколу ICMP

## Контрольні запитання:

### Запитання 1-4

No.	Time	Source	Destination	Protoc	Length	Info
49	1.538909	192.168.1.108	192.168.1.1	ICMP	152	Destination unreachable (Port unreachable)
50	1.573619	192.168.1.108	143.89.14.1	ICMP	74	Echo (ping) request id=0x0001, seq=1/256, ttl=128 (no response found!)
110	6.237563	192.168.1.108	143.89.14.1	ICMP	74	Echo (ping) request id=0x0001, seq=2/512, ttl=128 (no response found!)
160	11.235905	192.168.1.108	143.89.14.1	ICMP	74	Echo (ping) request id=0x0001, seq=3/768, ttl=128 (no response found!)
198	16.236418	192.168.1.108	143.89.14.1	ICMP	74	Echo (ping) request id=0x0001, seq=4/1024, ttl=128 (no response found!)
280	21.236878	192.168.1.108	143.89.14.1	ICMP	74	Echo (ping) request id=0x0001, seq=5/1280, ttl=128 (no response found!)
355	26.234844	192.168.1.108	143.89.14.1	ICMP	74	Echo (ping) request id=0x0001, seq=6/1536, ttl=128 (no response found!)
410	31.235520	192.168.1.108	143.89.14.1	ICMP	74	Echo (ping) request id=0x0001, seq=7/1792, ttl=128 (no response found!)
440	32.146653	192.168.1.108	192.168.1.1	ICMP	282	Destination unreachable (Port unreachable)
650	36.235941	192.168.1.108	143.89.14.1	ICMP	74	Echo (ping) request id=0x0001, seq=8/2048, ttl=128 (no response found!)
704	41.233838	192.168.1.108	143.89.14.1	ICMP	74	Echo (ping) request id=0x0001, seq=9/2304, ttl=128 (no response found!)
765	46.236839	192.168.1.108	143.89.14.1	ICMP	74	Echo (ping) request id=0x0001, seq=10/2560, ttl=128 (no response found!)

Рис. 4.1. Результат захвату пакетів у Wireshark згідно запиту: «ping -n 10 www.ust.hk»

```

C:\Users\homePC> ping -n 10 www.ust.hk

Обмен пакетами с www.ust.hk [143.89.14.1] с 32 байтами данных:
Превышен интервал ожидания для запроса.
Превышен интервал ожидания для запроса.
Превышен интервал ожидания для запроса.
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Превышен интервал ожидания для запроса.

Статистика Ping для 143.89.14.1:
    Пакетов: отправлено = 10, получено = 0, потеряно = 10
    (100% потеря)

```

Рис. 4.2. Результат виконання запиту «ping -n 10 [www.ust.hk](http://www.ust.hk)» в консолі

No.	Time	Source	Destination	Protocol	Length	Info
49	1.538909	192.168.1.108	192.168.1.1	ICMP	152	Destination unreachable (Port unreachable)

Frame 49: 152 bytes on wire (1216 bits), 152 bytes captured (1216 bits) on interface  
 \Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
 Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
 Internet Protocol Version 4, Src: 192.168.1.108, Dst: 192.168.1.1  
 0100 .... = Version: 4  
 .... 0101 = Header Length: 20 bytes (5)  
 Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
 0000 00.. = Differentiated Services Codepoint: Default (0)  
 .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
 Total Length: 138  
 Identification: 0x4f31 (20273)  
 Flags: 0x0000  
 0... .... = Reserved bit: Not set  
 .0.. .... = Don't fragment: Not set  
 ..0. .... = More fragments: Not set  
 Fragment offset: 0  
 Time to live: 128  
 Protocol: ICMP (1)  
 Header checksum: 0x6784 [validation disabled]  
 [Header checksum status: Unverified]  
 Source: 192.168.1.108  
 Destination: 192.168.1.1  
 Internet Control Message Protocol  
 Type: 3 (Destination unreachable)  
 Code: 3 (Port unreachable)  
 Checksum: 0x8126 [correct]  
 [Checksum Status: Good]  
 Unused: 00000000  
 Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.108  
 0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 110  
Identification: 0xbade (47838)  
Flags: 0x4000, Don't fragment  
0... .... = Reserved bit: Not set  
.1.. .... = Don't fragment: Set  
..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 64  
Protocol: UDP (17)  
Header checksum: 0xfbe2 [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.1.1  
Destination: 192.168.1.108  
User Datagram Protocol, Src Port: 53, Dst Port: 60339  
Domain Name System (response)

No.	Time	Source	Destination	Protocol	Length	Info
50	1.573619	192.168.1.108	143.89.14.1	ICMP	74	Echo (ping) request id=0x0001, seq=1/256, ttl=128 (no response found!)

Frame 50: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface  
\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
Internet Protocol Version 4, Src: 192.168.1.108, Dst: 143.89.14.1  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 60  
Identification: 0xd36b (54123)  
Flags: 0x0000  
0... .... = Reserved bit: Not set  
..0. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 128  
Protocol: ICMP (1)  
Header checksum: 0x07e7 [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.1.108  
Destination: 143.89.14.1  
Internet Control Message Protocol  
Type: 8 (Echo (ping) request)  
Code: 0  
Checksum: 0x4d5a [correct]  
[Checksum Status: Good]  
Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)  
Sequence number (BE): 1 (0x0001)  
Sequence number (LE): 256 (0x0100)  
[No response seen]  
[Expert Info (Warning/Sequence): No response seen to ICMP request]  
[No response seen to ICMP request]  
[Severity level: Warning]  
[Group: Sequence]  
Data (32 bytes)

0000 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70    abcdefghijklmnop  
0010 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69    qrstuvwabcdefghi  
Data: 6162636465666768696a6b6c6d6e6f707172737475767761...  
[Length: 32]

No.	Time	Source	Destination	Protocol	Length	Info
110	6.237563	192.168.1.108	143.89.14.1	ICMP	74	Echo (ping) request id=0x0001, seq=2/512, ttl=128 (no response found!)

Frame 110: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface  
\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
Internet Protocol Version 4, Src: 192.168.1.108, Dst: 143.89.14.1  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 60  
Identification: 0xd36c (54124)  
Flags: 0x0000  
0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 128  
Protocol: ICMP (1)  
Header checksum: 0x07e6 [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.1.108  
Destination: 143.89.14.1  
Internet Control Message Protocol  
Type: 8 (Echo (ping) request)  
Code: 0  
Checksum: 0x4d59 [correct]  
[Checksum Status: Good]  
Identifier (BE): 1 (0x0001)  
Identifier (LE): 256 (0x0100)  
Sequence number (BE): 2 (0x0002)  
Sequence number (LE): 512 (0x0200)  
[No response seen]  
[Expert Info (Warning/Sequence): No response seen to ICMP request]

[No response seen to ICMP request]

[Severity level: Warning]

[Group: Sequence]

Data (32 bytes)

0000 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70    abcdefghijklmnop

0010 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69    qrstuvwabcdefghi

Data: 6162636465666768696a6b6c6d6e6f707172737475767761...

[Length: 32]

No.	Time	Source	Destination	Protocol	Length	Info
160	11.235905	192.168.1.108	143.89.14.1	ICMP	74	Echo (ping) request id=0x0001, seq=3/768, ttl=128 (no response found!)

Frame 160: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface

\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0

Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 143.89.14.1

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 60

Identification: 0xd36d (54125)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 128

Protocol: ICMP (1)

Header checksum: 0x07e5 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 143.89.14.1

Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0x4d58 [correct]

[Checksum Status: Good]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 3 (0x0003)

Sequence number (LE): 768 (0x0300)

[No response seen]

[Expert Info (Warning/Sequence): No response seen to ICMP request]

[No response seen to ICMP request]

[Severity level: Warning]

[Group: Sequence]

Data (32 bytes)



0000 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 abcdefghijklmnop  
0010 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 qrstuvwabcdefghi  
Data: 6162636465666768696a6b6c6d6e6f707172737475767761...  
[Length: 32]

No.	Time	Source	Destination	Protocol	Length	Info
198	16.236418	192.168.1.108	143.89.14.1	ICMP	74	Echo (ping) request id=0x0001, seq=4/1024, ttl=128 (no response found!)

Frame 198: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface  
\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
Internet Protocol Version 4, Src: 192.168.1.108, Dst: 143.89.14.1

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 60  
Identification: 0xd36e (54126)  
Flags: 0x0000  
0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 128  
Protocol: ICMP (1)  
Header checksum: 0x07e4 [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.1.108  
Destination: 143.89.14.1

Internet Control Message Protocol  
Type: 8 (Echo (ping) request)  
Code: 0  
Checksum: 0x4d57 [correct]  
[Checksum Status: Good]  
Identifier (BE): 1 (0x0001)  
Identifier (LE): 256 (0x0100)  
Sequence number (BE): 4 (0x0004)  
Sequence number (LE): 1024 (0x0400)  
[No response seen]  
[Expert Info (Warning/Sequence): No response seen to ICMP request]  
[No response seen to ICMP request]  
[Severity level: Warning]  
[Group: Sequence]  
Data (32 bytes)

0000 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 abcdefghijklmnop  
0010 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 qrstuvwabcdefghi  
Data: 6162636465666768696a6b6c6d6e6f707172737475767761...  
[Length: 32]

No.	Time	Source	Destination	Protocol	Length	Info
280	21.236878	192.168.1.108	143.89.14.1	ICMP	74	Echo (ping) request id=0x0001, seq=5/1280, ttl=128 (no response found!)

Frame 280: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface  
 \Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
 Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
 Internet Protocol Version 4, Src: 192.168.1.108, Dst: 143.89.14.1

0100 .... = Version: 4  
 .... 0101 = Header Length: 20 bytes (5)  
 Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
 0000 00.. = Differentiated Services Codepoint: Default (0)  
 .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 60

Identification: 0xd36f (54127)

Flags: 0x0000

0... .... = Reserved bit: Not set  
 .0.. .... = Don't fragment: Not set  
 ..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 128

Protocol: ICMP (1)

Header checksum: 0x07e3 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 143.89.14.1

Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0x4d56 [correct]

[Checksum Status: Good]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 5 (0x0005)

Sequence number (LE): 1280 (0x0500)

[No response seen]

[Expert Info (Warning/Sequence): No response seen to ICMP request]

[No response seen to ICMP request]

[Severity level: Warning]

[Group: Sequence]

Data (32 bytes)

0000 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 abcdefghijklmnop  
 0010 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 qrstuvwabcdefghi  
 Data: 6162636465666768696a6b6c6d6e6f707172737475767761...  
 [Length: 32]

No.	Time	Source	Destination	Protocol	Length	Info
355	26.234844	192.168.1.108	143.89.14.1	ICMP	74	Echo (ping) request id=0x0001, seq=6/1536, ttl=128 (no response found!)

Frame 355: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface

\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
Internet Protocol Version 4, Src: 192.168.1.108, Dst: 143.89.14.1

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
    0000 00.. = Differentiated Services Codepoint: Default (0)  
    .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 60  
Identification: 0xd370 (54128)  
Flags: 0x0000  
    0... .... = Reserved bit: Not set  
    .0.. .... = Don't fragment: Not set  
    ..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 128  
Protocol: ICMP (1)  
Header checksum: 0x07e2 [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.1.108  
Destination: 143.89.14.1

Internet Control Message Protocol

Type: 8 (Echo (ping) request)  
Code: 0  
Checksum: 0x4d55 [correct]  
[Checksum Status: Good]  
Identifier (BE): 1 (0x0001)  
Identifier (LE): 256 (0x0100)  
Sequence number (BE): 6 (0x0006)  
Sequence number (LE): 1536 (0x0600)  
[No response seen]  
    [Expert Info (Warning/Sequence): No response seen to ICMP request]  
        [No response seen to ICMP request]  
        [Severity level: Warning]  
        [Group: Sequence]  
Data (32 bytes)

0000 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70   abcdefghijklmnop  
0010 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69   qrstuvwxyzabcdefghijklmnop  
    Data: 6162636465666768696a6b6c6d6e6f707172737475767761...  
    [Length: 32]

No.	Time	Source	Destination	Protocol	Length	Info
410	31.235520	192.168.1.108	143.89.14.1	ICMP	74	Echo (ping) request id=0x0001, seq=7/1792, ttl=128 (no response found!)

Frame 410: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface  
\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
Internet Protocol Version 4, Src: 192.168.1.108, Dst: 143.89.14.1  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 60  
Identification: 0xd371 (54129)  
Flags: 0x0000  
0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 128  
Protocol: ICMP (1)  
Header checksum: 0x07e1 [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.1.108  
Destination: 143.89.14.1

Internet Control Message Protocol

Type: 8 (Echo (ping) request)  
Code: 0  
Checksum: 0x4d54 [correct]  
[Checksum Status: Good]  
Identifier (BE): 1 (0x0001)  
Identifier (LE): 256 (0x0100)  
Sequence number (BE): 7 (0x0007)  
Sequence number (LE): 1792 (0x0700)  
[No response seen]  
[Expert Info (Warning/Sequence): No response seen to ICMP request]  
[No response seen to ICMP request]  
[Severity level: Warning]  
[Group: Sequence]  
Data (32 bytes)

0000 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70    abcdefghijklmnop  
0010 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69    qrstuvwabcdefghi  
Data: 6162636465666768696a6b6c6d6e6f707172737475767761...  
[Length: 32]

No.	Time	Source	Destination	Protocol	Length	Info
440	32.146653	192.168.1.108	192.168.1.1	ICMP	282	Destination unreachable (Port unreachable)

Frame 440: 282 bytes on wire (2256 bits), 282 bytes captured (2256 bits) on interface  
\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
Internet Protocol Version 4, Src: 192.168.1.108, Dst: 192.168.1.1  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 268  
Identification: 0x4f43 (20291)

Flags: 0x0000

0... .. = Reserved bit: Not set

.0.. .. = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 128

Protocol: ICMP (1)

Header checksum: 0x66f0 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 192.168.1.1

Internet Control Message Protocol

Type: 3 (Destination unreachable)

Code: 3 (Port unreachable)

Checksum: 0x81a8 [correct]

[Checksum Status: Good]

Unused: 00000000

Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.108

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 240

Identification: 0xc138 (49464)

Flags: 0x4000, Don't fragment

0... .. = Reserved bit: Not set

.1.. .. = Don't fragment: Set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 64

Protocol: UDP (17)

Header checksum: 0xf506 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.1

Destination: 192.168.1.108

User Datagram Protocol, Src Port: 53, Dst Port: 52839

Domain Name System (response)

No.	Time	Source	Destination	Protocol	Length	Info
650	36.235941	192.168.1.108	143.89.14.1	ICMP	74	Echo (ping) request id=0x0001, seq=8/2048, ttl=128 (no response found!)

Frame 650: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface

\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0

Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 143.89.14.1

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 60  
Identification: 0xd372 (54130)  
Flags: 0x0000  
  0... .... = Reserved bit: Not set  
  .0.. .... = Don't fragment: Not set  
  ..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 128  
Protocol: ICMP (1)  
Header checksum: 0x07e0 [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.1.108  
Destination: 143.89.14.1

Internet Control Message Protocol

Type: 8 (Echo (ping) request)  
Code: 0  
Checksum: 0x4d53 [correct]  
[Checksum Status: Good]  
Identifier (BE): 1 (0x0001)  
Identifier (LE): 256 (0x0100)  
Sequence number (BE): 8 (0x0008)  
Sequence number (LE): 2048 (0x0800)  
[No response seen]  
  [Expert Info (Warning/Sequence): No response seen to ICMP request]  
    [No response seen to ICMP request]  
    [Severity level: Warning]  
    [Group: Sequence]  
Data (32 bytes)

0000 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70   abcdefghijklmnop  
0010 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69   qrstuvwxyzabcdefghijklmnop  
  Data: 6162636465666768696a6b6c6d6e6f707172737475767761...  
  [Length: 32]

No.	Time	Source	Destination	Protocol	Length	Info
704	41.233838	192.168.1.108	143.89.14.1	ICMP	74	Echo (ping) request id=0x0001, seq=9/2304, ttl=128 (no response found!)

Frame 704: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface  
\\Device\\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
Internet Protocol Version 4, Src: 192.168.1.108, Dst: 143.89.14.1  
  0100 .... = Version: 4  
  .... 0101 = Header Length: 20 bytes (5)  
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
    0000 00.. = Differentiated Services Codepoint: Default (0)  
    .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 60  
Identification: 0xd373 (54131)  
Flags: 0x0000  
  0... .... = Reserved bit: Not set  
  .0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 128

Protocol: ICMP (1)

Header checksum: 0x07df [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 143.89.14.1

Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0x4d52 [correct]

[Checksum Status: Good]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 9 (0x0009)

Sequence number (LE): 2304 (0x0900)

[No response seen]

[Expert Info (Warning/Sequence): No response seen to ICMP request]

[No response seen to ICMP request]

[Severity level: Warning]

[Group: Sequence]

Data (32 bytes)

0000 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 abcdefghijklmnop

0010 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 qrstuvwabcdefghi

Data: 6162636465666768696a6b6c6d6e6f707172737475767761...

[Length: 32]

No.	Time	Source	Destination	Protocol	Length	Info
765	46.236839	192.168.1.108	143.89.14.1	ICMP	74	Echo (ping) request id=0x0001, seq=10/2560, ttl=128 (no response found!)

Frame 765: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface

\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0

Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 143.89.14.1

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 60

Identification: 0xd374 (54132)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 128

Protocol: ICMP (1)

Header checksum: 0x07de [validation disabled]

```
[Header checksum status: Unverified]
Source: 192.168.1.108
Destination: 143.89.14.1
Internet Control Message Protocol
Type: 8 (Echo (ping) request)
Code: 0
Checksum: 0x4d51 [correct]
[Checksum Status: Good]
Identifier (BE): 1 (0x0001)
Identifier (LE): 256 (0x0100)
Sequence number (BE): 10 (0x000a)
Sequence number (LE): 2560 (0x0a00)
[No response seen]
  [Expert Info (Warning/Sequence): No response seen to ICMP request]
    [No response seen to ICMP request]
    [Severity level: Warning]
    [Group: Sequence]
Data (32 bytes)

0000  61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70  abcdefghijklmnop
0010  71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69  qrstuvwabcdefghi
      Data: 6162636465666768696a6b6c6d6e6f707172737475767761...
      [Length: 32]
```

### **1. Які IP адреси вашої та цільової робочих станцій?**

IP адреса робочої станції: 192.168.1.108

IP адреса цільової станції: 143.89.14.1

### **2. Чому ICMP пакет не вказує/використовує номери вихідного та цільового портів?**

Використання портів притаманне протоколам транспортного рівня таким як TCP та UDP. ICMP є частиною міжмережевого рівня IP, в якому не використовуються порти.

### **3. Дослідіть один з пакетів-запитів ICMP. Які тип та код зазначені у цьому пакеті? Скільки байтів займають поля контрольної суми, номера послідовності та ідентифікатору?**



Ехо запит:

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0x4d5a [correct] Контрольна сума 2 байти

Identifier (BE): 1 (0x0001) Ідентифікатор (BigEndian) 2 байти

Identifier (LE): 256 (0x0100) Ідентифікатор (Little Endian) 2 байти

Sequence number (BE): 1 (0x0001) Номер послідовності (Big Endian) 2 байти

Sequence number (LE): 256 (0x0100) Номер послідовності (Little Endian) 2 байти

**4. Дослідіть відповідний пакет з відповіддю на пакет із пункту 3. Які тип та код зазначені у цьому пакеті? Які інші поля має цей пакет? Скільки байтів займають поля контрольної суми, номера послідовності та ідентифікатору?**

Відповіді на запит «ping -n 10 [www.ust.hk](http://www.ust.hk)» не було, тому приводиться відповідь на запит «ping -n 10 www.google.com»

Type: 0 (Echo (ping) reply) Тип 0

Code: 0 Код 0 Ехо Відповідь

Checksum: 0x5532 [correct] Контрольна сума 2 байти

Identifier (BE): 1 (0x0001) Ідентифікатор (BigEndian) 2 байти

Identifier (LE): 256 (0x0100) Ідентифікатор (Little Endian) 2 байти

Sequence number (BE): 41 (0x0029) Номер послідовності (Big Endian) 2 байти

Sequence number (LE): 10496 (0x2900) Номер послідовності (Little Endian) 2 байти

## Запитання 5-10

```
C:\Users\homePC>tracert www.inria.fr

Трассировка маршрута к inria-cms.inria.fr [128.93.162.63]
с максимальным числом прыжков 30:

  1      1 ms      6 ms      2 ms  myrouter.local [192.168.1.1]
  2      4 ms      5 ms      3 ms  10.0.255.255
  3     27 ms      6 ms     18 ms  194.33.189.21
  4      8 ms      3 ms      5 ms  ae17.RT.NTL.KIV.UA.retn.net [87.245.237.40]
  5     41 ms     41 ms     41 ms  ae0-9.RT.THU.PAR.FR.retn.net [87.245.233.186]
  6      *        *        *      Превышен интервал ожидания для запроса.
  7     47 ms     46 ms     45 ms  xe-0-0-15-parisi-rtr-131.noc.renater.fr [193.51.177.22]
  8     48 ms     47 ms     47 ms  te1-1-inria-rtr-021.noc.renater.fr [193.51.177.107]
  9     55 ms     55 ms     62 ms  inria-rocquencourt-te1-4-inria-rtr-021.noc.renater.fr [193.51.184.177]
 10     47 ms     47 ms     45 ms  unit240-reth1-vfw-ext-dc1.inria.fr [192.93.122.19]
 11     49 ms     47 ms     48 ms  inria-cms.inria.fr [128.93.162.63]

Трассировка завершена.
```

Рис. 4.3. Результат виконання запиту «tracert [www.inria.fr](http://www.inria.fr)» в консолі

### 5. Які IP адреси вашої та цільової робочих станцій?

IP адреса робочої станції: 192.168.1.108

IP адреса цільової станції: 128.93.162.63

### 6. Який номер протоколу IP використовується програмою?

IPv4

### 7. Чи відрізняється пакет із запитом програми traceroute від пакету із запитом програми ping? Якщо так, наведіть приклади.

В цілому не відрізняється .

Маємо ті самі поля:

Type: 8 (Echo (ping) request)

Code: 0

Checksum: Контрольна сума 2 байти

Identifier (BE): Ідентифікатор (BigEndian) 2 байти

Identifier (LE): Ідентифікатор (Little Endian) 2 байти

Sequence number (BE): Номер послідовності (Big Endian) 2 байти

Sequence number (LE): Номер послідовності (Little Endian) 2 байти

Певна різниця має місце в полі даних. В команді ping поле даних мало 32 байти і було заповнено деякими даними (abcdefghijklmnopqrstuvwabcedefghi). При виконанні команди traceroute поле даних має 64 байти, що заповнені нулями.

**8. Проаналізуйте пакет ICMP з повідомленням про помилку. Чи є у ньому деякі додаткові поля, які не зазначаються у повідомленні з підтвердженням. Якщо є – які саме поля і яку інформацію вони вміщують?**

**Маємо :**

Type: 11 (Time-to-live exceeded) Час життя пакету став рівний 0 під час транзиту

Code: 0 (Time to live exceeded in transit) Час життя пакету став рівний 0 під час транзиту

Checksum: 0xf4ff [correct]

Включається інформація щодо першочергового запиту: Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

Також включається сам запит, який потрібно було виконати.

Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7c8 [unverified] [in ICMP error packet]

[Checksum Status: Unverified]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 54 (0x0036)

Sequence number (LE): 13824 (0x3600)

Крім цього, в протоколі IP міститься Source, в якому зазначається IP адреса транзитного вузла.

Також відсутні данні в таких пакетах.

**9. Проаналізуйте три останні відповіді протоколу ICMP, які отримала ваша робоча станція. Як ці пакети відрізняються від пакетів з повідомленням про помилку? Чому вони відрізняються?**

В даному випадку пакет дійшов до пункту призначення, тому отримує відповідь та поле з даними.

Маємо Тип відповіді 0 Код 0 Echo Відповідь

Type: 0 (Echo (ping) reply) Тип 0

Code: 0 Код 0 Echo Відповідь

Checksum: 0xffab [correct]

[Checksum Status: Good]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 83 (0x0053)

Sequence number (LE): 21248 (0x5300)

[Request frame: 530]

[Response time: 47,552 ms]

Data (64 bytes)

**10. Знайдіть етап ретрансляції повідомлень з найбільшою середньою затримкою. Чи є можливість оцінити географічну відстань між маршрутизаторами на цьому етапі?**

Найбільша затримка була на 9 вузлі (55 , 55 , 62). В цілому, чим більший час затримки, тим припускається, що має місце більша географічна відстань до вузла. Можемо побачити, що ретрансляція 1-4 вузлів має найменший середній час відгуку до тих пір поки пакет передавався припустимо по території України, а далі з 5 до 11 вузла середній час відгуку значно збільшився. Тому можна зробити припущення, що відстань збільшилася. Але для того, щоб

робити більш точні оцінки, треба мати більш точну мапу мережі. Оскільки час передачі залежить від швидкості роботи маршрутизаторів, швидкості роботи ліній передачі даних і т.п.

23	2.741022	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=51/13056, ttl=1 (no response found!)
24	2.742347	192.168.1.1	192.168.1.108	ICMP	134	Time-to-live exceeded (Time to live exceeded in transit)
25	2.744309	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=52/13312, ttl=1 (no response found!)
26	2.750746	192.168.1.1	192.168.1.108	ICMP	134	Time-to-live exceeded (Time to live exceeded in transit)
27	2.752831	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=53/13568, ttl=1 (no response found!)
28	2.754774	192.168.1.1	192.168.1.108	ICMP	134	Time-to-live exceeded (Time to live exceeded in transit)
44	8.288719	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=54/13824, ttl=2 (no response found!)
45	8.292753	10.0.255.255	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
46	8.296148	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=55/14080, ttl=2 (no response found!)
47	8.301250	10.0.255.255	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
48	8.304183	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=56/14336, ttl=2 (no response found!)
49	8.306675	10.0.255.255	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
55	13.821561	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=57/14592, ttl=3 (no response found!)
56	13.848966	194.33.189.21	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
57	13.851409	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=58/14848, ttl=3 (no response found!)
58	13.857659	194.33.189.21	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
59	13.859927	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=59/15104, ttl=3 (no response found!)
60	13.878354	194.33.189.21	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
80	19.378771	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=60/15360, ttl=4 (no response found!)
81	19.386791	87.245.237.40	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
82	19.388724	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=61/15616, ttl=4 (no response found!)
83	19.392091	87.245.237.40	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
84	19.393662	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=62/15872, ttl=4 (no response found!)
85	19.399011	87.245.237.40	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
118	24.947528	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=63/16128, ttl=5 (no response found!)
119	24.988639	87.245.233.186	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
120	24.992176	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=64/16384, ttl=5 (no response found!)
121	25.033180	87.245.233.186	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
122	25.039066	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=65/16640, ttl=5 (no response found!)
123	25.080148	87.245.233.186	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
128	25.130891	192.168.1.108	192.168.1.1	ICMP	157	Destination unreachable (Port unreachable)
195	30.609821	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=66/16896, ttl=6 (no response found!)
198	34.500927	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=67/17152, ttl=6 (no response found!)
213	38.500659	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=68/17408, ttl=6 (no response found!)
223	38.979503	192.168.1.108	192.168.1.1	ICMP	123	Destination unreachable (Port unreachable)
334	42.503748	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=69/17664, ttl=7 (no response found!)
335	42.550841	193.51.177.22	192.168.1.108	ICMP	182	Time-to-live exceeded (Time to live exceeded in transit)
336	42.552434	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=70/17920, ttl=7 (no response found!)
337	42.598642	193.51.177.22	192.168.1.108	ICMP	182	Time-to-live exceeded (Time to live exceeded in transit)
338	42.600577	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=71/18176, ttl=7 (no response found!)
339	42.645648	193.51.177.22	192.168.1.108	ICMP	182	Time-to-live exceeded (Time to live exceeded in transit)
344	42.844593	192.168.1.108	192.168.1.1	ICMP	167	Destination unreachable (Port unreachable)

345	48.200501	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=72/18432, ttl=8 (no response found!)
346	48.247894	193.51.177.107	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
347	48.252415	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=73/18688, ttl=8 (no response found!)
348	48.299084	193.51.177.107	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
349	48.303100	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=74/18944, ttl=8 (no response found!)
350	48.349917	193.51.177.107	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
355	48.424380	192.168.1.108	192.168.1.1	ICMP	163	Destination unreachable (Port unreachable)
396	52.663251	192.168.1.108	192.168.1.1	ICMP	266	Destination unreachable (Port unreachable)
434	53.876493	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=75/19200, ttl=9 (no response found!)
435	53.931333	193.51.184.177	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
436	53.934334	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=76/19456, ttl=9 (no response found!)
437	53.988793	193.51.184.177	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
438	53.990483	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=77/19712, ttl=9 (no response found!)
439	54.052503	193.51.184.177	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
444	54.364388	192.168.1.108	192.168.1.1	ICMP	182	Destination unreachable (Port unreachable)
453	59.572140	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=78/19968, ttl=10 (no response found!)
454	59.619156	192.93.122.19	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
455	59.620572	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=79/20224, ttl=10 (no response found!)
456	59.668223	192.93.122.19	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
457	59.670262	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=80/20480, ttl=10 (no response found!)
458	59.715908	192.93.122.19	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
465	59.947255	192.168.1.108	192.168.1.1	ICMP	162	Destination unreachable (Port unreachable)
526	65.226481	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=81/20736, ttl=11 (reply in 527)
527	65.275348	128.93.162.63	192.168.1.108	ICMP	106	Echo (ping) reply id=0x0001, seq=81/20736, ttl=52 (request in 526)
528	65.277447	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=82/20992, ttl=11 (reply in 529)
529	65.325006	128.93.162.63	192.168.1.108	ICMP	106	Echo (ping) reply id=0x0001, seq=82/20992, ttl=52 (request in 528)
530	65.328397	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=83/21248, ttl=11 (reply in 531)
531	65.375949	128.93.162.63	192.168.1.108	ICMP	106	Echo (ping) reply id=0x0001, seq=83/21248, ttl=52 (request in 530)
595	73.766792	192.168.1.108	192.168.1.1	ICMP	202	Destination unreachable (Port unreachable)

## Запитання 5-10

No.	Time	Source	Destination	Protocol	Length	Info
23	2.741022	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=51/13056, ttl=1 (no response found!)

Frame 23: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface \\Device\\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0

Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbfde (49118)

Flags: 0x0000

0... .... .... = Reserved bit: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 1

[Expert Info (Note/Sequence): "Time To Live" only 1]

["Time To Live" only 1]

[Severity level: Note]

[Group: Sequence]

### Protocol: ICMP (1)

Header checksum: 0x1512 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

# Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7cb [correct]

[Checksum Status: Good]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 51 (0x0033)

Sequence number (LE): 13056 (0x3300)

[No response seen]

[Expert Info (Warning/Sequence): No response seen to ICMP request]

[No response seen to ICMP request]

[Severity level: Warning]

[Group: Sequence]

Data (64 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
.....

```
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
```

0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

[illegible]

[Length: 64]

No.	Time	Source	Destination	Protocol	Length	Info
24	2.742347	192.168.1.1	192.168.1.108	ICMP	134	Time-to-live exceeded (Time to live exceeded in transit)

Frame 24: 134 bytes on wire (1072 bits), 134 bytes captured (1072 bits) on interface \\Device\\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0

Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)

Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.108

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0xc0 (DSCP: CS6, ECN: Not-ECT)

1100 00.. = Differentiated Services Codepoint: Class Selector 6 (48)

....00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 120

Identification: 0xe95c (59740)

Flags: 0x0000

0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 64

Protocol: ICMP (1)

Header checksum: 0x0cab [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.1

Destination: 192.168.1.108

Internet Control Message Protocol

Type: 11 (Time-to-live exceeded)

Code: 0 (Time to live exceeded in transit)

Checksum: 0xf4ff [correct]

[Checksum Status: Good]

Unused: 00000000

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbfde (49118)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 1

[Expert Info (Note/Sequence): "Time To Live" only 1]

["Time To Live" only 1]

[Severity level: Note]

[Group: Sequence]

Protocol: ICMP (1)

Header checksum: 0x1512 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7cb [unverified] [in ICMP error packet]

[Checksum Status: Unverified]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 51 (0x0033)

Sequence number (LE): 13056 (0x3300)

Data (64 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....



0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
Data: 00...  
[Length: 64]

No.	Time	Source	Destination	Protocol	Length	Info
26	2.750746	192.168.1.1	192.168.1.108	ICMP	134	Time-to-live exceeded (Time to live exceeded in transit)

Frame 26: 134 bytes on wire (1072 bits), 134 bytes captured (1072 bits) on interface  
\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)  
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.108

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0xc0 (DSCP: CS6, ECN: Not-ECT)  
1100 00.. = Differentiated Services Codepoint: Class Selector 6 (48)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 120  
Identification: 0xe95d (59741)  
Flags: 0x0000  
0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 64  
Protocol: ICMP (1)  
Header checksum: 0x0caa [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.1.1  
Destination: 192.168.1.108

Internet Control Message Protocol  
Type: 11 (Time-to-live exceeded)  
Code: 0 (Time to live exceeded in transit)  
Checksum: 0xf4ff [correct]  
[Checksum Status: Good]  
Unused: 00000000  
Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 92  
Identification: 0xbfdf (49119)  
Flags: 0x0000  
0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 1

[Expert Info (Note/Sequence): "Time To Live" only 1]  
["Time To Live" only 1]  
[Severity level: Note]  
[Group: Sequence]

Protocol: ICMP (1)  
Header checksum: 0x1511 [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.1.108  
Destination: 128.93.162.63  
Internet Control Message Protocol  
Type: 8 (Echo (ping) request)  
Code: 0  
Checksum: 0xf7ca [unverified] [in ICMP error packet]  
[Checksum Status: Unverified]  
Identifier (BE): 1 (0x0001)  
Identifier (LE): 256 (0x0100)  
Sequence number (BE): 52 (0x0034)  
Sequence number (LE): 13312 (0x3400)  
Data (64 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

Data: 00...  
[Length: 64]

No.	Time	Source	Destination	Protocol	Length	Info
27	2.752831	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=53/13568, ttl=1 (no response found!)

Frame 27: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
\\Device\\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 92  
Identification: 0xbfe0 (49120)  
Flags: 0x0000  
0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 1

[Expert Info (Note/Sequence): "Time To Live" only 1]  
["Time To Live" only 1]  
[Severity level: Note]  
[Group: Sequence]



Destination: 192.168.1.108

## Type: 11 (Time-to-live exceeded)

Checksum: 0xf4ff [correct]

[Checksum Status: Good]

Unused: 00000000

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

....00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbfe0 (49120)

Flags: 0x0000

0... .. = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 1

[Expert Info (Note/Sequence): "Time To Live" only 1]

["Time To Live" only 1]

[Severity level: Note]

[Group: Sequence]

Protocol: ICMP (1)

Header checksum: 0x1510 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

## Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7c9 [unverified] [in ICMP error packet]

[Checksum Status: Unverified]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 53 (0x0035)

Sequence number (LE): 13568 (0x3500)

Data (64 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

```
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
```

0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

[illegible]

[Length: 64]

No.	Time	Source	Destination	Protocol	Length	Info
44	8.288719	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=54/13824, ttl=2 (no response found!)



(Time to live exceeded in transit)

Frame 45: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface  
\\Device\\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0

Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)

Internet Protocol Version 4, Src: 10.0.255.255, Dst: 192.168.1.108

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 56

Identification: 0x0000 (0)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 254

Protocol: ICMP (1)

Header checksum: 0xf0b0 [validation disabled]

[Header checksum status: Unverified]

Source: 10.0.255.255

Destination: 192.168.1.108

Internet Control Message Protocol

Type: 11 (Time-to-live exceeded)

Code: 0 (Time to live exceeded in transit)

Checksum: 0xf4ff [correct]

[Checksum Status: Good]

Unused: 00000000

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbfe1 (49121)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 1

[Expert Info (Note/Sequence): "Time To Live" only 1]

["Time To Live" only 1]

[Severity level: Note]

[Group: Sequence]

Protocol: ICMP (1)

Header checksum: 0x150f [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63  
Internet Control Message Protocol  
Type: 8 (Echo (ping) request)  
Code: 0  
Checksum: 0xf7c8 [unverified] [in ICMP error packet]  
[Checksum Status: Unverified]  
Identifier (BE): 1 (0x0001)  
Identifier (LE): 256 (0x0100)  
Sequence number (BE): 54 (0x0036)  
Sequence number (LE): 13824 (0x3600)

No.	Time	Source	Destination	Protocol	Length	Info
46	8.296148	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=55/14080, ttl=2 (no response found!)

Frame 46: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbfe2 (49122)

Flags: 0x0000

0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 2

[Expert Info (Note/Sequence): "Time To Live" only 2]  
["Time To Live" only 2]  
[Severity level: Note]  
[Group: Sequence]

Protocol: ICMP (1)

Header checksum: 0x140e [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7c7 [correct]

[Checksum Status: Good]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 55 (0x0037)

Sequence number (LE): 14080 (0x3700)

[No response seen]

[Expert Info (Warning/Sequence): No response seen to ICMP request]



[No response seen to ICMP request]

[Severity level: Warning]

[Group: Sequence]

Data (64 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

Data: 00...

[Length: 64]

No.	Time	Source	Destination	Protocol	Length	Info
47	8.301250	10.0.255.255	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)

Frame 47: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface  
\\Device\\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0

Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)

Internet Protocol Version 4, Src: 10.0.255.255, Dst: 192.168.1.108

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 56

Identification: 0x0000 (0)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 254

Protocol: ICMP (1)

Header checksum: 0xf0b0 [validation disabled]

[Header checksum status: Unverified]

Source: 10.0.255.255

Destination: 192.168.1.108

Internet Control Message Protocol

Type: 11 (Time-to-live exceeded)

Code: 0 (Time to live exceeded in transit)

Checksum: 0xf4ff [correct]

[Checksum Status: Good]

Unused: 00000000

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbfe2 (49122)

Flags: 0x0000  
 0... .. = Reserved bit: Not set  
 .0.. .. = Don't fragment: Not set  
 ..0. .... = More fragments: Not set  
 Fragment offset: 0  
 Time to live: 1  
 [Expert Info (Note/Sequence): "Time To Live" only 1]  
 ["Time To Live" only 1]  
 [Severity level: Note]  
 [Group: Sequence]  
 Protocol: ICMP (1)  
 Header checksum: 0x150e [validation disabled]  
 [Header checksum status: Unverified]  
 Source: 192.168.1.108  
 Destination: 128.93.162.63  
 Internet Control Message Protocol  
 Type: 8 (Echo (ping) request)  
 Code: 0  
 Checksum: 0xf7c7 [unverified] [in ICMP error packet]  
 [Checksum Status: Unverified]  
 Identifier (BE): 1 (0x0001)  
 Identifier (LE): 256 (0x0100)  
 Sequence number (BE): 55 (0x0037)  
 Sequence number (LE): 14080 (0x3700)

No.	Time	Source	Destination	Protocol	Length	Info
48	8.304183	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=56/14336, ttl=2 (no response found!)

Frame 48: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
 \Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
 Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
 Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63  
 0100 .... = Version: 4  
 .... 0101 = Header Length: 20 bytes (5)  
 Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
 0000 00.. = Differentiated Services Codepoint: Default (0)  
 .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
 Total Length: 92  
 Identification: 0xbfe3 (49123)  
 Flags: 0x0000  
 0... .. = Reserved bit: Not set  
 .0.. .. = Don't fragment: Not set  
 ..0. .... = More fragments: Not set  
 Fragment offset: 0  
 Time to live: 2  
 [Expert Info (Note/Sequence): "Time To Live" only 2]  
 ["Time To Live" only 2]  
 [Severity level: Note]  
 [Group: Sequence]  
 Protocol: ICMP (1)  
 Header checksum: 0x140d [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7c6 [correct]

[Checksum Status: Good]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 56 (0x0038)

Sequence number (LE): 14336 (0x3800)

[No response seen]

[Expert Info (Warning/Sequence): No response seen to ICMP request]

[No response seen to ICMP request]

[Severity level: Warning]

[Group: Sequence]

Data (64 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

Data: 00...

[Length: 64]

No.	Time	Source	Destination	Protocol	Length	Info
49	8.306675	10.0.255.255	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)

Frame 49: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface  
\\Device\\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0

Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)

Internet Protocol Version 4, Src: 10.0.255.255, Dst: 192.168.1.108

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 56

Identification: 0x0000 (0)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 254

Protocol: ICMP (1)

Header checksum: 0xf0b0 [validation disabled]

[Header checksum status: Unverified]

Source: 10.0.255.255

Destination: 192.168.1.108

# Internet Control Message Protocol

Type: 11 (Time-to-live exceeded)

Code: 0 (Time to live exceeded in transit)

Checksum: 0xf4ff [correct]

[Checksum Status: Good]

Unused: 00000000

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbfe3 (49123)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 1

[Expert Info (Note/Sequence): "Time To Live" only 1]

["Time To Live" only 1]

[Severity level: Note]

[Group: Sequence]

Protocol: ICMP (1)

Header checksum: 0x150d [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

# Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7c6 [unverified] [in ICMP error packet]

[Checksum Status: Unverified]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 56 (0x0038)

Sequence number (LE): 14336 (0x3800)

No.	Time	Source	Destination	Protocol	Length	Info
55	13.821561	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=57/14592, ttl=3 (no response found!)

Frame 55: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
\\Device\\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0

Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92  
Identification: 0xbfe4 (49124)  
Flags: 0x0000  
  0... .... = Reserved bit: Not set  
  ..0.. .... = Don't fragment: Not set  
  ..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 3  
  [Expert Info (Note/Sequence): "Time To Live" only 3]  
    ["Time To Live" only 3]  
    [Severity level: Note]  
    [Group: Sequence]

Protocol: ICMP (1)  
Header checksum: 0x130c [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.1.108  
Destination: 128.93.162.63

Internet Control Message Protocol

Type: 8 (Echo (ping) request)  
Code: 0  
Checksum: 0xf7c5 [correct]  
[Checksum Status: Good]  
Identifier (BE): 1 (0x0001)  
Identifier (LE): 256 (0x0100)  
Sequence number (BE): 57 (0x0039)  
Sequence number (LE): 14592 (0x3900)  
[No response seen]  
  [Expert Info (Warning/Sequence): No response seen to ICMP request]  
    [No response seen to ICMP request]  
    [Severity level: Warning]  
    [Group: Sequence]

Data (64 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
  Data: 00...  
  [Length: 64]

No.	Time	Source	Destination	Protocol	Length	Info
56	13.848966	194.33.189.21	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)

Frame 56: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface  
\\Device\\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)  
Internet Protocol Version 4, Src: 194.33.189.21, Dst: 192.168.1.108  
  0100 .... = Version: 4  
  .... 0101 = Header Length: 20 bytes (5)  
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
    0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 56

Identification: 0x0000 (0)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 253

Protocol: ICMP (1)

Header checksum: 0x7c79 [validation disabled]

[Header checksum status: Unverified]

Source: 194.33.189.21

Destination: 192.168.1.108

Internet Control Message Protocol

Type: 11 (Time-to-live exceeded)

Code: 0 (Time to live exceeded in transit)

Checksum: 0xf4ff [correct]

[Checksum Status: Good]

Unused: 00000000

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbfe4 (49124)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 1

[Expert Info (Note/Sequence): "Time To Live" only 1]

["Time To Live" only 1]

[Severity level: Note]

[Group: Sequence]

Protocol: ICMP (1)

Header checksum: 0x150c [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7c5 [unverified] [in ICMP error packet]

[Checksum Status: Unverified]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 57 (0x0039)

Sequence number (LE): 14592 (0x3900)



[Length: 64]

No.	Time	Source	Destination	Protocol	Length	Info
58	13.857659	194.33.189.21	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)

Frame 58: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface  
\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)  
Internet Protocol Version 4, Src: 194.33.189.21, Dst: 192.168.1.108

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 56

Identification: 0x0000 (0)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 253

Protocol: ICMP (1)

Header checksum: 0x7c79 [validation disabled]

[Header checksum status: Unverified]

Source: 194.33.189.21

Destination: 192.168.1.108

Internet Control Message Protocol

Type: 11 (Time-to-live exceeded)

Code: 0 (Time to live exceeded in transit)

Checksum: 0xf4ff [correct]

[Checksum Status: Good]

Unused: 00000000

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbfe5 (49125)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 1

[Expert Info (Note/Sequence): "Time To Live" only 1]

["Time To Live" only 1]

[Severity level: Note]

[Group: Sequence]



Protocol: ICMP (1)  
Header checksum: 0x150b [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.1.108  
Destination: 128.93.162.63  
Internet Control Message Protocol  
Type: 8 (Echo (ping) request)  
Code: 0  
Checksum: 0xf7c4 [unverified] [in ICMP error packet]  
[Checksum Status: Unverified]  
Identifier (BE): 1 (0x0001)  
Identifier (LE): 256 (0x0100)  
Sequence number (BE): 58 (0x003a)  
Sequence number (LE): 14848 (0x3a00)

No.	Time	Source	Destination	Protocol	Length	Info
59	13.859927	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=59/15104, ttl=3 (no response found!)

Frame 59: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
\\Device\\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 92  
Identification: 0xbfe6 (49126)  
Flags: 0x0000  
0... .... = Reserved bit: Not set  
..0. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 3  
[Expert Info (Note/Sequence): "Time To Live" only 3]  
[ "Time To Live" only 3]  
[Severity level: Note]  
[Group: Sequence]

Protocol: ICMP (1)  
Header checksum: 0x130a [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.1.108  
Destination: 128.93.162.63  
Internet Control Message Protocol  
Type: 8 (Echo (ping) request)  
Code: 0  
Checksum: 0xf7c3 [correct]  
[Checksum Status: Good]  
Identifier (BE): 1 (0x0001)  
Identifier (LE): 256 (0x0100)

Sequence number (BE): 59 (0x003b)  
Sequence number (LE): 15104 (0x3b00)  
[No response seen]  
[Expert Info (Warning/Sequence): No response seen to ICMP request]  
[No response seen to ICMP request]  
[Severity level: Warning]  
[Group: Sequence]

Data (64 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
Data: 00...  
[Length: 64]

No.	Time	Source	Destination	Protocol	Length	Info
60	13.878354	194.33.189.21	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)

Frame 60: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface  
\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)  
Internet Protocol Version 4, Src: 194.33.189.21, Dst: 192.168.1.108

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 56  
Identification: 0x0000 (0)  
Flags: 0x0000  
0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 253  
Protocol: ICMP (1)  
Header checksum: 0x7c79 [validation disabled]  
[Header checksum status: Unverified]  
Source: 194.33.189.21  
Destination: 192.168.1.108

Internet Control Message Protocol  
Type: 11 (Time-to-live exceeded)  
Code: 0 (Time to live exceeded in transit)  
Checksum: 0xf4ff [correct]  
[Checksum Status: Good]  
Unused: 00000000  
Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)  
 .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
 Total Length: 92  
 Identification: 0xbfe6 (49126)  
 Flags: 0x0000  
 0... .... = Reserved bit: Not set  
 .0.. .... = Don't fragment: Not set  
 ..0. .... = More fragments: Not set  
 Fragment offset: 0  
 Time to live: 1  
 [Expert Info (Note/Sequence): "Time To Live" only 1]  
 ["Time To Live" only 1]  
 [Severity level: Note]  
 [Group: Sequence]

Protocol: ICMP (1)  
 Header checksum: 0x150a [validation disabled]  
 [Header checksum status: Unverified]  
 Source: 192.168.1.108  
 Destination: 128.93.162.63

#### Internet Control Message Protocol

Type: 8 (Echo (ping) request)  
 Code: 0  
 Checksum: 0xf7c3 [unverified] [in ICMP error packet]  
 [Checksum Status: Unverified]  
 Identifier (BE): 1 (0x0001)  
 Identifier (LE): 256 (0x0100)  
 Sequence number (BE): 59 (0x003b)  
 Sequence number (LE): 15104 (0x3b00)

No.	Time	Source	Destination	Protocol	Length	Info
80	19.378771	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=60/15360, ttl=4 (no response found!)

Frame 80: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
 \Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
 Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
 Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4  
 .... 0101 = Header Length: 20 bytes (5)  
 Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
 0000 00.. = Differentiated Services Codepoint: Default (0)  
 .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
 Total Length: 92  
 Identification: 0xbfe7 (49127)  
 Flags: 0x0000  
 0... .... = Reserved bit: Not set  
 .0.. .... = Don't fragment: Not set  
 ..0. .... = More fragments: Not set  
 Fragment offset: 0  
 Time to live: 4  
 [Expert Info (Note/Sequence): "Time To Live" only 4]  
 ["Time To Live" only 4]

[Severity level: Note]

[Group: Sequence]

Protocol: ICMP (1)

Header checksum: 0x1209 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7c2 [correct]

[Checksum Status: Good]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 60 (0x003c)

Sequence number (LE): 15360 (0x3c00)

[No response seen]

[Expert Info (Warning/Sequence): No response seen to ICMP request]

[No response seen to ICMP request]

[Severity level: Warning]

[Group: Sequence]

Data (64 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

Data: 00...

[Length: 64]

No.	Time	Source	Destination	Protocol	Length	Info
81	19.386791	87.245.237.40	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)

Frame 81: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface  
\\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0

Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)

Internet Protocol Version 4, Src: 87.245.237.40, Dst: 192.168.1.108

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 56

Identification: 0x0000 (0)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 252

Protocol: ICMP (1)

Header checksum: 0xb792 [validation disabled]  
 [Header checksum status: Unverified]  
 Source: 87.245.237.40  
 Destination: 192.168.1.108  
 Internet Control Message Protocol  
 Type: 11 (Time-to-live exceeded)  
 Code: 0 (Time to live exceeded in transit)  
 Checksum: 0xf4ff [correct]  
 [Checksum Status: Good]  
 Unused: 00000000  
 Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63  
 0100 .... = Version: 4  
 .... 0101 = Header Length: 20 bytes (5)  
 Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
 0000 00.. = Differentiated Services Codepoint: Default (0)  
 .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
 Total Length: 92  
 Identification: 0xbfe7 (49127)  
 Flags: 0x0000  
 0... .... = Reserved bit: Not set  
 .0.. .... = Don't fragment: Not set  
 ..0. .... = More fragments: Not set  
 Fragment offset: 0  
 Time to live: 1  
 [Expert Info (Note/Sequence): "Time To Live" only 1]  
 ["Time To Live" only 1]  
 [Severity level: Note]  
 [Group: Sequence]  
 Protocol: ICMP (1)  
 Header checksum: 0x1509 [validation disabled]  
 [Header checksum status: Unverified]  
 Source: 192.168.1.108  
 Destination: 128.93.162.63  
 Internet Control Message Protocol  
 Type: 8 (Echo (ping) request)  
 Code: 0  
 Checksum: 0xf7c2 [unverified] [in ICMP error packet]  
 [Checksum Status: Unverified]  
 Identifier (BE): 1 (0x0001)  
 Identifier (LE): 256 (0x0100)  
 Sequence number (BE): 60 (0x003c)  
 Sequence number (LE): 15360 (0x3c00)

No.	Time	Source	Destination	Protocol	Length	Info
82	19.388724	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=61/15616, ttl=4 (no response found!)

Frame 82: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
 \Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
 Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
 Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63  
 0100 .... = Version: 4



0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
    0000 00.. = Differentiated Services Codepoint: Default (0)  
    .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 56  
Identification: 0x0000 (0)  
Flags: 0x0000  
    0... .... = Reserved bit: Not set  
    .0.. .... = Don't fragment: Not set  
    ..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 252  
Protocol: ICMP (1)  
Header checksum: 0xb792 [validation disabled]  
[Header checksum status: Unverified]  
Source: 87.245.237.40  
Destination: 192.168.1.108

#### Internet Control Message Protocol

Type: 11 (Time-to-live exceeded)  
Code: 0 (Time to live exceeded in transit)  
Checksum: 0xf4ff [correct]  
[Checksum Status: Good]  
Unused: 00000000

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
    0000 00.. = Differentiated Services Codepoint: Default (0)  
    .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92  
Identification: 0xbfe8 (49128)  
Flags: 0x0000  
    0... .... = Reserved bit: Not set  
    .0.. .... = Don't fragment: Not set  
    ..0. .... = More fragments: Not set

Fragment offset: 0  
Time to live: 1  
    [Expert Info (Note/Sequence): "Time To Live" only 1]  
        ["Time To Live" only 1]  
        [Severity level: Note]  
        [Group: Sequence]

Protocol: ICMP (1)  
Header checksum: 0x1508 [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.1.108  
Destination: 128.93.162.63

#### Internet Control Message Protocol

Type: 8 (Echo (ping) request)  
Code: 0  
Checksum: 0xf7c1 [unverified] [in ICMP error packet]  
[Checksum Status: Unverified]

Identifier (BE): 1 (0x0001)  
Identifier (LE): 256 (0x0100)  
Sequence number (BE): 61 (0x003d)  
Sequence number (LE): 15616 (0x3d00)

No.	Time	Source	Destination	Protocol	Length	Info
84	19.393662	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=62/15872, ttl=4 (no response found!)

Frame 84: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92  
Identification: 0xbfe9 (49129)  
Flags: 0x0000  
0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set

Fragment offset: 0  
Time to live: 4  
[Expert Info (Note/Sequence): "Time To Live" only 4]  
["Time To Live" only 4]  
[Severity level: Note]  
[Group: Sequence]

Protocol: ICMP (1)  
Header checksum: 0x1207 [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.1.108  
Destination: 128.93.162.63

Internet Control Message Protocol

Type: 8 (Echo (ping) request)  
Code: 0  
Checksum: 0xf7c0 [correct]  
[Checksum Status: Good]  
Identifier (BE): 1 (0x0001)  
Identifier (LE): 256 (0x0100)  
Sequence number (BE): 62 (0x003e)  
Sequence number (LE): 15872 (0x3e00)

[No response seen]  
[Expert Info (Warning/Sequence): No response seen to ICMP request]  
[No response seen to ICMP request]  
[Severity level: Warning]  
[Group: Sequence]

Data (64 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
.....



```

0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
      Data: 00000000000000000000000000000000000000000000...
      [Length: 64]

```

No.	Time	Source	Destination	Protocol	Length	Info
85	19.399011	87.245.237.40	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)

Frame 85: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface  
 \Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
 Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)  
 Internet Protocol Version 4, Src: 87.245.237.40, Dst: 192.168.1.108

```

0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  0000 00.. = Differentiated Services Codepoint: Default (0)
    .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)
Total Length: 56
Identification: 0x0000 (0)
Flags: 0x0000
  0... .... = Reserved bit: Not set
  .0.. .... = Don't fragment: Not set
  ..0. .... = More fragments: Not set
Fragment offset: 0
Time to live: 252
Protocol: ICMP (1)
Header checksum: 0xb792 [validation disabled]
[Header checksum status: Unverified]
Source: 87.245.237.40
Destination: 192.168.1.108

```

Internet Control Message Protocol

```

Type: 11 (Time-to-live exceeded)
Code: 0 (Time to live exceeded in transit)
Checksum: 0xf4ff [correct]
[Checksum Status: Good]
Unused: 00000000

```

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

```

0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  0000 00.. = Differentiated Services Codepoint: Default (0)
    .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)
Total Length: 92
Identification: 0xbfe9 (49129)
Flags: 0x0000
  0... .... = Reserved bit: Not set
  .0.. .... = Don't fragment: Not set
  ..0. .... = More fragments: Not set
Fragment offset: 0
Time to live: 1

```

[Expert Info (Note/Sequence): "Time To Live" only 1]

["Time To Live" only 1]

[Severity level: Note]

[Group: Sequence]

Protocol: ICMP (1)

Header checksum: 0x1507 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7c0 [unverified] [in ICMP error packet]

[Checksum Status: Unverified]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 62 (0x003e)

Sequence number (LE): 15872 (0x3e00)

No.	Time	Source	Destination	Protocol	Length	Info
118	24.947528	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=63/16128, ttl=5 (no response found!)

Frame 118: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0

Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbfea (49130)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 5

Protocol: ICMP (1)

Header checksum: 0x1106 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7bf [correct]

[Checksum Status: Good]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 63 (0x003f)  
Sequence number (LE): 16128 (0x3f00)  
[No response seen]  
[Expert Info (Warning/Sequence): No response seen to ICMP request]  
[No response seen to ICMP request]  
[Severity level: Warning]  
[Group: Sequence]

Data (64 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
Data: 00...  
[Length: 64]

No.	Time	Source	Destination	Protocol	Length	Info
119	24.988639	87.245.233.186	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)

Frame 119: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface  
\\Device\\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)  
Internet Protocol Version 4, Src: 87.245.233.186, Dst: 192.168.1.108

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 56  
Identification: 0x0000 (0)  
Flags: 0x0000  
0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 248  
Protocol: ICMP (1)  
Header checksum: 0xbf00 [validation disabled]  
[Header checksum status: Unverified]  
Source: 87.245.233.186  
Destination: 192.168.1.108

Internet Control Message Protocol  
Type: 11 (Time-to-live exceeded)  
Code: 0 (Time to live exceeded in transit)  
Checksum: 0xf4ff [correct]  
[Checksum Status: Good]  
Unused: 00000000  
Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 92  
Identification: 0xbfea (49130)  
Flags: 0x0000  
0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 1  
[Expert Info (Note/Sequence): "Time To Live" only 1]  
["Time To Live" only 1]  
[Severity level: Note]  
[Group: Sequence]

Protocol: ICMP (1)  
Header checksum: 0x1506 [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.1.108  
Destination: 128.93.162.63  
Internet Control Message Protocol  
Type: 8 (Echo (ping) request)  
Code: 0  
Checksum: 0xf7bf [unverified] [in ICMP error packet]  
[Checksum Status: Unverified]  
Identifier (BE): 1 (0x0001)  
Identifier (LE): 256 (0x0100)  
Sequence number (BE): 63 (0x003f)  
Sequence number (LE): 16128 (0x3f00)

No.	Time	Source	Destination	Protocol	Length	Info
120	24.992176	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=64/16384, ttl=5 (no response found!)

Frame 120: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 92  
Identification: 0xbfeb (49131)  
Flags: 0x0000  
0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 5  
Protocol: ICMP (1)  
Header checksum: 0x1105 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7be [correct]

[Checksum Status: Good]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 64 (0x0040)

Sequence number (LE): 16384 (0x4000)

[No response seen]

[Expert Info (Warning/Sequence): No response seen to ICMP request]

[No response seen to ICMP request]

[Severity level: Warning]

[Group: Sequence]

Data (64 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

Data: 00...

[Length: 64]

No.	Time	Source	Destination	Protocol	Length	Info
121	25.033180	87.245.233.186	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)

Frame 121: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface  
\\Device\\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0

Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)

Internet Protocol Version 4, Src: 87.245.233.186, Dst: 192.168.1.108

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 56

Identification: 0x0000 (0)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 248

Protocol: ICMP (1)

Header checksum: 0xbf00 [validation disabled]

[Header checksum status: Unverified]

Source: 87.245.233.186

Destination: 192.168.1.108

# Internet Control Message Protocol

Type: 11 (Time-to-live exceeded)

Code: 0 (Time to live exceeded in transit)

Checksum: 0xf4ff [correct]

[Checksum Status: Good]

Unused: 00000000

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbfeb (49131)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 1

[Expert Info (Note/Sequence): "Time To Live" only 1]

["Time To Live" only 1]

[Severity level: Note]

[Group: Sequence]

Protocol: ICMP (1)

Header checksum: 0x1505 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

# Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7be [unverified] [in ICMP error packet]

[Checksum Status: Unverified]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 64 (0x0040)

Sequence number (LE): 16384 (0x4000)

No.	Time	Source	Destination	Protocol	Length	Info
122	25.039066	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=65/16640, ttl=5 (no response found!)

Frame 122: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0

Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

```
Total Length: 92
Identification: 0xbfec (49132)
Flags: 0x0000
  0... .. = Reserved bit: Not set
  .0.. .. = Don't fragment: Not set
  ..0. .... = More fragments: Not set
Fragment offset: 0
Time to live: 5
Protocol: ICMP (1)
Header checksum: 0x1104 [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.108
Destination: 128.93.162.63
```

# Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7bd [correct]

[Checksum Status: Good]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 65 (0x0041)

Sequence number (LE): 16640 (0x4100)

[No response seen]

[Expert Info (Warning/Sequence): No response seen to ICMP request]

[No response seen to ICMP request]

[Severity level: Warning]

[Group: Sequence]

Data (64 bytes)

[illegible]

No.	Time	Source	Destination	Protocol	Length	Info
123	25.080148	87.245.233.186	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)

Frame 123: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface  
 \Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
 Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)  
 Internet Protocol Version 4, Src: 87.245.233.186, Dst: 192.168.1.108

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

....00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 56

Identification: 0x0000 (0)

Flags: 0x0000

0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 248

Protocol: ICMP (1)

Header checksum: 0xbf00 [validation disabled]

[Header checksum status: Unverified]

Source: 87.245.233.186

Destination: 192.168.1.108

Internet Control Message Protocol

Type: 11 (Time-to-live exceeded)

Code: 0 (Time to live exceeded in transit)

Checksum: 0xf4ff [correct]

[Checksum Status: Good]

Unused: 00000000

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbfec (49132)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 1

[Expert Info (Note/Sequence): "Time To Live" only 1]

["Time To Live" only 1]

[Severity level: Note]

[Group: Sequence]

Protocol: ICMP (1)

Header checksum: 0x1504 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7bd [unverified] [in ICMP error packet]

[Checksum Status: Unverified]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 65 (0x0041)

Sequence number (LE): 16640 (0x4100)

No.	Time	Source	Destination	Protocol	Length	Info
195	30.609821	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=66/16896, ttl=6 (no response found!)



Frame 195: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
\\Device\\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbfed (49133)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 6

Protocol: ICMP (1)

Header checksum: 0x1003 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7bc [correct]

[Checksum Status: Good]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 66 (0x0042)

Sequence number (LE): 16896 (0x4200)

[No response seen]

[Expert Info (Warning/Sequence): No response seen to ICMP request]

[No response seen to ICMP request]

[Severity level: Warning]

[Group: Sequence]

Data (64 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

Data: 00...

[Length: 64]

No.	Time	Source	Destination	Protocol	Length	Info
198	34.500927	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=67/17152, ttl=6 (no response found!)

Frame 198: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
\\Device\\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0



```

.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  0000 00.. = Differentiated Services Codepoint: Default (0)
  .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)
Total Length: 92
Identification: 0xbfef (49135)
Flags: 0x0000
  0... .... = Reserved bit: Not set
  .0.. .... = Don't fragment: Not set
  ..0. .... = More fragments: Not set
Fragment offset: 0
Time to live: 6
Protocol: ICMP (1)
Header checksum: 0x1001 [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.108
Destination: 128.93.162.63
Internet Control Message Protocol
Type: 8 (Echo (ping) request)
Code: 0
Checksum: 0xf7ba [correct]
[Checksum Status: Good]
Identifier (BE): 1 (0x0001)
Identifier (LE): 256 (0x0100)
Sequence number (BE): 68 (0x0044)
Sequence number (LE): 17408 (0x4400)
[No response seen]
  [Expert Info (Warning/Sequence): No response seen to ICMP request]
    [No response seen to ICMP request]
    [Severity level: Warning]
    [Group: Sequence]
Data (64 bytes)

```

```

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
      Data: 000000000000000000000000000000000000000000000000...
      [Length: 64]

```

No.	Time	Source	Destination	Protocol	Length	Info
334	42.503748	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=69/17664, ttl=7 (no response found!)

```

Frame 334: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface
\Device\NPF_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0
Ethernet II, Src: IntelCor_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn_c9:a4:30 (60:38:e0:c9:a4:30)
Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    0000 00.. = Differentiated Services Codepoint: Default (0)

```



Flags: 0x4000, Don't fragment  
0... .. = Reserved bit: Not set  
.1.. .. = Don't fragment: Set  
..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 246  
Protocol: ICMP (1)  
Header checksum: 0xab0b [validation disabled]  
[Header checksum status: Unverified]  
Source: 193.51.177.22  
Destination: 192.168.1.108

Internet Control Message Protocol

Type: 11 (Time-to-live exceeded)  
Code: 0 (Time to live exceeded in transit)  
Checksum: 0xf4ff [correct]  
[Checksum Status: Good]  
Unused: 00000000

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbff0 (49136)

Flags: 0x0000

0... .. = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 1

[Expert Info (Note/Sequence): "Time To Live" only 1]  
["Time To Live" only 1]  
[Severity level: Note]  
[Group: Sequence]

Protocol: ICMP (1)

Header checksum: 0x1500 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7b9 [unverified] [in ICMP error packet]

[Checksum Status: Unverified]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 69 (0x0045)

Sequence number (LE): 17664 (0x4500)

Data (64 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

```
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
```

Data: 00...

[Length: 64]

ICMP Multi-Part Extensions

No.	Time	Source	Destination	Protocol	Length	Info
336	42.552434	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=70/17920, ttl=7 (no response found!)

Frame 336: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0

Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbff1 (49137)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 7

Protocol: ICMP (1)

Header checksum: 0x0eff [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7b8 [correct]

[Checksum Status: Good]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 70 (0x0046)

Sequence number (LE): 17920 (0x4600)

[No response seen]

[Expert Info (Warning/Sequence): No response seen to ICMP request]

[No response seen to ICMP request]

[Severity level: Warning]

[Group: Sequence]

Data (64 bytes)

```
0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
```

[illegible]

No.	Time	Source	Destination	Protocol	Length	Info
337	42.598642	193.51.177.22	192.168.1.108	ICMP	182	Time-to-live exceeded (Time to live exceeded in transit)

Frame 337: 182 bytes on wire (1456 bits), 182 bytes captured (1456 bits) on interface  
\\Device\\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)  
Internet Protocol Version 4, Src: 193.51.177.22, Dst: 192.168.1.108

```

0100 .... = Version: 4
... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  0000 00.. = Differentiated Services Codepoint: Default (0)
  .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

```

Total Length: 168

Identification: 0xa4f6 (42230)

Flags: 0x4000, Don't fragment

0... .. = Reserved bit: Not set

.1.. .... = Don't fragment: Set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 246

Protocol: ICMP (1)

Header checksum: 0xaaff [validation disabled]

[Header checksum status: Unverified]

Source: 193.51.177.22

Destination: 192.168.1.108

# Internet Control Message Protocol

Type: 11 (Time-to-live exceeded)

Code: 0 (Time to live exceeded in transit)

Checksum: 0xf4ff [correct]

[Checksum Status: Good]

Unused: 00000000

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

....00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbff1 (49137)

Flags: 0x0000

0... .. = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 1

[Expert Info (Note/Sequence): "Time To Live" only 1]

["Time To Live" only 1]

Destination: 128.93.162.63



```
Type: 8 (Echo (ping) request)
Code: 0
Checksum: 0xf7b7 [correct]
[Checksum Status: Good]
Identifier (BE): 1 (0x0001)
Identifier (LE): 256 (0x0100)
Sequence number (BE): 71 (0x0047)
Sequence number (LE): 18176 (0x4700)
[No response seen]
  [Expert Info (Warning/Sequence): No response seen to ICMP request]
    [No response seen to ICMP request]
    [Severity level: Warning]
    [Group: Sequence]
Data (64 bytes)
```

[illegible]

No.	Time	Source	Destination	Protocol	Length	Info
339	42.645648	193.51.177.22	192.168.1.108	ICMP	182	Time-to-live exceeded (Time to live exceeded in transit)

Frame 339: 182 bytes on wire (1456 bits), 182 bytes captured (1456 bits) on interface  
 \Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
 Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)  
 Internet Protocol Version 4, Src: 193.51.177.22, Dst: 192.168.1.108

```

0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  0000 00.. = Differentiated Services Codepoint: Default (0)
  .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

```

Total Length: 168  
 Identification: 0xa516 (42262)  
 Flags: 0x4000, Don't fragment  
   0... .. = Reserved bit: Not set  
   .1.. .. = Don't fragment: Set  
   ..0. .... = More fragments: Not set

```
Fragment offset: 0
Time to live: 246
Protocol: ICMP (1)
Header checksum: 0xaadf [validation disabled]
[Header checksum status: Unverified]
Source: 193.51.177.22
Destination: 192.168.1.108
```

Type: 11 (Time-to-live exceeded)  
Code: 0 (Time to live exceeded in transit)

Checksum: 0xf4ff [correct]  
 [Checksum Status: Good]  
 Unused: 00000000  
 Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63  
   0100 .... = Version: 4  
   .... 0101 = Header Length: 20 bytes (5)  
   Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
     0000 00.. = Differentiated Services Codepoint: Default (0)  
     .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
   Total Length: 92  
   Identification: 0xbff2 (49138)  
   Flags: 0x0000  
     0... .... = Reserved bit: Not set  
     .0.. .... = Don't fragment: Not set  
     ..0. .... = More fragments: Not set  
   Fragment offset: 0  
   Time to live: 1  
     [Expert Info (Note/Sequence): "Time To Live" only 1]  
       ["Time To Live" only 1]  
       [Severity level: Note]  
       [Group: Sequence]  
   Protocol: ICMP (1)  
   Header checksum: 0x14fe [validation disabled]  
   [Header checksum status: Unverified]  
   Source: 192.168.1.108  
   Destination: 128.93.162.63  
 Internet Control Message Protocol  
   Type: 8 (Echo (ping) request)  
   Code: 0  
   Checksum: 0xf7b7 [unverified] [in ICMP error packet]  
   [Checksum Status: Unverified]  
   Identifier (BE): 1 (0x0001)  
   Identifier (LE): 256 (0x0100)  
   Sequence number (BE): 71 (0x0047)  
   Sequence number (LE): 18176 (0x4700)  
   Data (64 bytes)

```

0000  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  .....
0010  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  .....
0020  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  .....
0030  00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00  .....
      Data: 0000000000000000000000000000000000000000000000000000000000000000...
      [Length: 64]
  
```

ICMP Multi-Part Extensions

No.	Time	Source	Destination	Protocol	Length	Info
345	48.200501	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=72/18432, ttl=8 (no response found!)

Frame 345: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface \Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
 Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

....00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbff3 (49139)

Flags: 0x0000

0... .. = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 8

### Protocol: ICMP (1)

Header checksum: 0x0dfd [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

# Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7b6 [correct]

[Checksum Status: Good]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 72 (0x0048)

Sequence number (LE): 18432 (0x4800)

[No response seen]

[Expert Info (Warning/Sequence): No response seen to ICMP request]

[No response seen to ICMP request]

[Severity level: Warning]

[Group: Sequence]

Data (64 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

```
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
```

0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

```
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
```

[illegible]

[Length: 64]

No.	Time	Source	Destination	Protocol	Length	Info
346	48.247894	193.51.177.107	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)

Frame 346: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface \\Device\\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0

Ethernet II, Src: BelkinIn c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor 4f:90:fc (60:57:18:4f:90:fc)

Internet Protocol Version 4, Src: 193.51.177.107, Dst: 192.168.1.108

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 56

Identification: 0xa70b (42763)

Flags: 0x0000

0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 246

Protocol: ICMP (1)

Header checksum: 0xe905 [validation disabled]

[Header checksum status: Unverified]

Source: 193.51.177.107

Destination: 192.168.1.108

Internet Control Message Protocol

Type: 11 (Time-to-live exceeded)

Code: 0 (Time to live exceeded in transit)

Checksum: 0xf4ff [correct]

[Checksum Status: Good]

Unused: 00000000

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbff3 (49139)

Flags: 0x0000

0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 1

[Expert Info (Note/Sequence): "Time To Live" only 1]

["Time To Live" only 1]

[Severity level: Note]

[Group: Sequence]

Protocol: ICMP (1)

Header checksum: 0x14fd [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7b6 [unverified] [in ICMP error packet]

[Checksum Status: Unverified]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)



No.	Time	Source	Destination	Protocol	Length	Info
348	48.299084	193.51.177.107	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)
<p>Frame 348: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface \\Device\\NPF_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0</p> <p>Ethernet II, Src: BelkinIn_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor_4f:90:fc (60:57:18:4f:90:fc)</p> <p>Internet Protocol Version 4, Src: 193.51.177.107, Dst: 192.168.1.108</p> <p>0100 .... = Version: 4</p> <p>.... 0101 = Header Length: 20 bytes (5)</p> <p>Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)</p> <p>0000 00.. = Differentiated Services Codepoint: Default (0)</p> <p>.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)</p> <p>Total Length: 56</p> <p>Identification: 0xa754 (42836)</p> <p>Flags: 0x0000</p> <p>0... .... = Reserved bit: Not set</p> <p>.0.. .... = Don't fragment: Not set</p> <p>..0. .... = More fragments: Not set</p> <p>Fragment offset: 0</p> <p>Time to live: 246</p> <p>Protocol: ICMP (1)</p> <p>Header checksum: 0xe8bc [validation disabled]</p> <p>[Header checksum status: Unverified]</p> <p>Source: 193.51.177.107</p> <p>Destination: 192.168.1.108</p> <p>Internet Control Message Protocol</p> <p>Type: 11 (Time-to-live exceeded)</p> <p>Code: 0 (Time to live exceeded in transit)</p> <p>Checksum: 0xf4ff [correct]</p> <p>[Checksum Status: Good]</p> <p>Unused: 00000000</p> <p>Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63</p> <p>0100 .... = Version: 4</p> <p>.... 0101 = Header Length: 20 bytes (5)</p> <p>Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)</p> <p>0000 00.. = Differentiated Services Codepoint: Default (0)</p> <p>.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)</p> <p>Total Length: 92</p> <p>Identification: 0xbff4 (49140)</p> <p>Flags: 0x0000</p> <p>0... .... = Reserved bit: Not set</p> <p>.0.. .... = Don't fragment: Not set</p> <p>..0. .... = More fragments: Not set</p> <p>Fragment offset: 0</p> <p>Time to live: 1</p> <p>[Expert Info (Note/Sequence): "Time To Live" only 1]</p> <p>["Time To Live" only 1]</p> <p>[Severity level: Note]</p> <p>[Group: Sequence]</p> <p>Protocol: ICMP (1)</p> <p>Header checksum: 0x14fc [validation disabled]</p>						

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7b5 [unverified] [in ICMP error packet]

[Checksum Status: Unverified]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 73 (0x0049)

Sequence number (LE): 18688 (0x4900)

No.	Time	Source	Destination	Protocol	Length	Info
349	48.303100	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=74/18944, ttl=8 (no response found!)

Frame 349: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0

Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbff5 (49141)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 8

Protocol: ICMP (1)

Header checksum: 0x0dfb [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7b4 [correct]

[Checksum Status: Good]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 74 (0x004a)

Sequence number (LE): 18944 (0x4a00)

[No response seen]

[Expert Info (Warning/Sequence): No response seen to ICMP request]

[No response seen to ICMP request]

[Severity level: Warning]

[Group: Sequence]

Data (64 bytes)

```
0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
```

Data: 00...

[Length: 64]

No.	Time	Source	Destination	Protocol	Length	Info
350	48.349917	193.51.177.107	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)

Frame 350: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface  
\\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)  
Internet Protocol Version 4, Src: 193.51.177.107, Dst: 192.168.1.108

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 56

Identification: 0xa757 (42839)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 246

Protocol: ICMP (1)

Header checksum: 0xe8b9 [validation disabled]

[Header checksum status: Unverified]

Source: 193.51.177.107

Destination: 192.168.1.108

Internet Control Message Protocol

Type: 11 (Time-to-live exceeded)

Code: 0 (Time to live exceeded in transit)

Checksum: 0xf4ff [correct]

[Checksum Status: Good]

Unused: 00000000

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbff5 (49141)

Flags: 0x0000

0... .... = Reserved bit: Not set



.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 1  
[Expert Info (Note/Sequence): "Time To Live" only 1]  
["Time To Live" only 1]  
[Severity level: Note]  
[Group: Sequence]

Protocol: ICMP (1)  
Header checksum: 0x14fb [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.1.108  
Destination: 128.93.162.63

#### Internet Control Message Protocol

Type: 8 (Echo (ping) request)  
Code: 0  
Checksum: 0xf7b4 [unverified] [in ICMP error packet]  
[Checksum Status: Unverified]  
Identifier (BE): 1 (0x0001)  
Identifier (LE): 256 (0x0100)  
Sequence number (BE): 74 (0x004a)  
Sequence number (LE): 18944 (0x4a00)

No.	Time	Source	Destination	Protocol	Length	Info
434	53.876493	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=75/19200, ttl=9 (no response found!)

Frame 434: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbff6 (49142)

Flags: 0x0000

0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 9

Protocol: ICMP (1)

Header checksum: 0x0cfa [validation disabled]  
[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

#### Internet Control Message Protocol

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

Checksum: 0xf7b3 [correct]  
[Checksum Status: Good]  
Identifier (BE): 1 (0x0001)  
Identifier (LE): 256 (0x0100)  
Sequence number (BE): 75 (0x004b)  
Sequence number (LE): 19200 (0x4b00)  
[No response seen]  
[Expert Info (Warning/Sequence): No response seen to ICMP request]  
[No response seen to ICMP request]  
[Severity level: Warning]  
[Group: Sequence]  
Data (64 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
Data: 00...  
[Length: 64]

No.	Time	Source	Destination	Protocol	Length	Info
435	53.931333	193.51.184.177	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)

Frame 435: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface  
\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)  
Internet Protocol Version 4, Src: 193.51.184.177, Dst: 192.168.1.108  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 56  
Identification: 0x0000 (0)  
Flags: 0x0000  
0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 245  
Protocol: ICMP (1)  
Header checksum: 0x89cb [validation disabled]  
[Header checksum status: Unverified]  
Source: 193.51.184.177  
Destination: 192.168.1.108  
Internet Control Message Protocol  
Type: 11 (Time-to-live exceeded)  
Code: 0 (Time to live exceeded in transit)  
Checksum: 0xf4ff [correct]  
[Checksum Status: Good]  
Unused: 00000000

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 92  
Identification: 0xbff6 (49142)  
Flags: 0x0000  
0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 1  
[Expert Info (Note/Sequence): "Time To Live" only 1]  
["Time To Live" only 1]  
[Severity level: Note]  
[Group: Sequence]  
Protocol: ICMP (1)  
Header checksum: 0x14fa [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.1.108  
Destination: 128.93.162.63

Internet Control Message Protocol  
Type: 8 (Echo (ping) request)  
Code: 0  
Checksum: 0xf7b3 [unverified] [in ICMP error packet]  
[Checksum Status: Unverified]  
Identifier (BE): 1 (0x0001)  
Identifier (LE): 256 (0x0100)  
Sequence number (BE): 75 (0x004b)  
Sequence number (LE): 19200 (0x4b00)

No.	Time	Source	Destination	Protocol	Length	Info
436	53.934334	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=76/19456, ttl=9 (no response found!)

Frame 436: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 92  
Identification: 0xbff7 (49143)  
Flags: 0x0000  
0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set

Fragment offset: 0  
Time to live: 9  
Protocol: ICMP (1)  
Header checksum: 0x0cf9 [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.1.108  
Destination: 128.93.162.63

Internet Control Message Protocol

Type: 8 (Echo (ping) request)  
Code: 0  
Checksum: 0xf7b2 [correct]  
[Checksum Status: Good]  
Identifier (BE): 1 (0x0001)  
Identifier (LE): 256 (0x0100)  
Sequence number (BE): 76 (0x004c)  
Sequence number (LE): 19456 (0x4c00)  
[No response seen]  
[Expert Info (Warning/Sequence): No response seen to ICMP request]  
[No response seen to ICMP request]  
[Severity level: Warning]  
[Group: Sequence]

Data (64 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
Data: 00...  
[Length: 64]

No.	Time	Source	Destination	Protocol	Length	Info
437	53.988793	193.51.184.177	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)

Frame 437: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface  
\\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)  
Internet Protocol Version 4, Src: 193.51.184.177, Dst: 192.168.1.108  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 56  
Identification: 0x0000 (0)  
Flags: 0x0000  
0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 245  
Protocol: ICMP (1)

Header checksum: 0x89cb [validation disabled]  
 [Header checksum status: Unverified]  
 Source: 193.51.184.177  
 Destination: 192.168.1.108  
 Internet Control Message Protocol  
 Type: 11 (Time-to-live exceeded)  
 Code: 0 (Time to live exceeded in transit)  
 Checksum: 0xf4ff [correct]  
 [Checksum Status: Good]  
 Unused: 00000000  
 Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63  
 0100 .... = Version: 4  
 .... 0101 = Header Length: 20 bytes (5)  
 Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
 0000 00.. = Differentiated Services Codepoint: Default (0)  
 .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
 Total Length: 92  
 Identification: 0xbff7 (49143)  
 Flags: 0x0000  
 0... .... = Reserved bit: Not set  
 .0.. .... = Don't fragment: Not set  
 ..0. .... = More fragments: Not set  
 Fragment offset: 0  
 Time to live: 1  
 [Expert Info (Note/Sequence): "Time To Live" only 1]  
 ["Time To Live" only 1]  
 [Severity level: Note]  
 [Group: Sequence]  
 Protocol: ICMP (1)  
 Header checksum: 0x14f9 [validation disabled]  
 [Header checksum status: Unverified]  
 Source: 192.168.1.108  
 Destination: 128.93.162.63  
 Internet Control Message Protocol  
 Type: 8 (Echo (ping) request)  
 Code: 0  
 Checksum: 0xf7b2 [unverified] [in ICMP error packet]  
 [Checksum Status: Unverified]  
 Identifier (BE): 1 (0x0001)  
 Identifier (LE): 256 (0x0100)  
 Sequence number (BE): 76 (0x004c)  
 Sequence number (LE): 19456 (0x4c00)

No.	Time	Source	Destination	Protocol	Length	Info
438	53.990483	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=77/19712, ttl=9 (no response found!)

Frame 438: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
 \Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
 Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
 Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63  
 0100 .... = Version: 4

```

.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  0000 00.. = Differentiated Services Codepoint: Default (0)
  .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)
Total Length: 92
Identification: 0xbff8 (49144)
Flags: 0x0000
  0... .... = Reserved bit: Not set
  .0.. .... = Don't fragment: Not set
  ..0. .... = More fragments: Not set
Fragment offset: 0
Time to live: 9
Protocol: ICMP (1)
Header checksum: 0x0cf8 [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.108
Destination: 128.93.162.63
Internet Control Message Protocol
Type: 8 (Echo (ping) request)
Code: 0
Checksum: 0xf7b1 [correct]
[Checksum Status: Good]
Identifier (BE): 1 (0x0001)
Identifier (LE): 256 (0x0100)
Sequence number (BE): 77 (0x004d)
Sequence number (LE): 19712 (0x4d00)
[No response seen]
  [Expert Info (Warning/Sequence): No response seen to ICMP request]
    [No response seen to ICMP request]
    [Severity level: Warning]
    [Group: Sequence]
Data (64 bytes)

```

```

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
      Data: 000000000000000000000000000000000000000000000000...
      [Length: 64]

```

No.	Time	Source	Destination	Protocol	Length	Info
439	54.052503	193.51.184.177	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)

```

Frame 439: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface
\Device\NPF_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0
Ethernet II, Src: BelkinIn_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor_4f:90:fc (60:57:18:4f:90:fc)
Internet Protocol Version 4, Src: 193.51.184.177, Dst: 192.168.1.108
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
    0000 00.. = Differentiated Services Codepoint: Default (0)

```

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 56

Identification: 0x0000 (0)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 245

Protocol: ICMP (1)

Header checksum: 0x89cb [validation disabled]

[Header checksum status: Unverified]

Source: 193.51.184.177

Destination: 192.168.1.108

Internet Control Message Protocol

Type: 11 (Time-to-live exceeded)

Code: 0 (Time to live exceeded in transit)

Checksum: 0xf4ff [correct]

[Checksum Status: Good]

Unused: 00000000

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbff8 (49144)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 1

[Expert Info (Note/Sequence): "Time To Live" only 1]

["Time To Live" only 1]

[Severity level: Note]

[Group: Sequence]

Protocol: ICMP (1)

Header checksum: 0x14f8 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7b1 [unverified] [in ICMP error packet]

[Checksum Status: Unverified]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 77 (0x004d)

Sequence number (LE): 19712 (0x4d00)

No.	Time	Source	Destination	Protocol	Length	Info
453	59.572140	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=78/19968, ttl=10 (no response found!)

Frame 453: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0

Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbff9 (49145)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 10

Protocol: ICMP (1)

Header checksum: 0x0bf7 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7b0 [correct]

[Checksum Status: Good]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 78 (0x004e)

Sequence number (LE): 19968 (0x4e00)

[No response seen]

[Expert Info (Warning/Sequence): No response seen to ICMP request]

[No response seen to ICMP request]

[Severity level: Warning]

[Group: Sequence]

Data (64 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

Data: 00...

[Length: 64]

No.	Time	Source	Destination	Protocol	Length	Info
454	59.619156	192.93.122.19	192.168.1.108	ICMP	70	Time-to-live exceeded



(Time to live exceeded in transit)

Frame 454: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface  
\\Device\\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0

Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)

Internet Protocol Version 4, Src: 192.93.122.19, Dst: 192.168.1.108

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 56

Identification: 0xcb9f (52127)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 243

Protocol: ICMP (1)

Header checksum: 0xff9f [validation disabled]

[Header checksum status: Unverified]

Source: 192.93.122.19

Destination: 192.168.1.108

Internet Control Message Protocol

Type: 11 (Time-to-live exceeded)

Code: 0 (Time to live exceeded in transit)

Checksum: 0xf4ff [correct]

[Checksum Status: Good]

Unused: 00000000

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbff9 (49145)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 1

[Expert Info (Note/Sequence): "Time To Live" only 1]

["Time To Live" only 1]

[Severity level: Note]

[Group: Sequence]

Protocol: ICMP (1)

Header checksum: 0x14f7 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63  
Internet Control Message Protocol  
Type: 8 (Echo (ping) request)  
Code: 0  
Checksum: 0xf7b0 [unverified] [in ICMP error packet]  
[Checksum Status: Unverified]  
Identifier (BE): 1 (0x0001)  
Identifier (LE): 256 (0x0100)  
Sequence number (BE): 78 (0x004e)  
Sequence number (LE): 19968 (0x4e00)

No.	Time	Source	Destination	Protocol	Length	Info
455	59.620572	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=79/20224, ttl=10 (no response found!)

Frame 455: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
\\Device\\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 92  
Identification: 0xbffa (49146)  
Flags: 0x0000  
0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 10  
Protocol: ICMP (1)  
Header checksum: 0x0bf6 [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.1.108  
Destination: 128.93.162.63

Internet Control Message Protocol  
Type: 8 (Echo (ping) request)  
Code: 0  
Checksum: 0xf7af [correct]  
[Checksum Status: Good]  
Identifier (BE): 1 (0x0001)  
Identifier (LE): 256 (0x0100)  
Sequence number (BE): 79 (0x004f)  
Sequence number (LE): 20224 (0x4f00)  
[No response seen]  
[Expert Info (Warning/Sequence): No response seen to ICMP request]  
[No response seen to ICMP request]  
[Severity level: Warning]  
[Group: Sequence]  
Data (64 bytes)

```

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
      Data: 00000000000000000000000000000000000000000000...
      [Length: 64]

```

No.	Time	Source	Destination	Protocol	Length	Info
456	59.668223	192.93.122.19	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)

Frame 456: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface  
 \Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
 Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)  
 Internet Protocol Version 4, Src: 192.93.122.19, Dst: 192.168.1.108

```

0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  0000 00.. = Differentiated Services Codepoint: Default (0)
  .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)
Total Length: 56
Identification: 0xcba0 (52128)
Flags: 0x0000
  0... .... = Reserved bit: Not set
  .0.. .... = Don't fragment: Not set
  ..0. .... = More fragments: Not set
Fragment offset: 0
Time to live: 243
Protocol: ICMP (1)
Header checksum: 0xff9e [validation disabled]
[Header checksum status: Unverified]
Source: 192.93.122.19
Destination: 192.168.1.108

```

Internet Control Message Protocol

```

Type: 11 (Time-to-live exceeded)
Code: 0 (Time to live exceeded in transit)
Checksum: 0xf4ff [correct]
[Checksum Status: Good]
Unused: 00000000

```

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

```

0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  0000 00.. = Differentiated Services Codepoint: Default (0)
  .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)
Total Length: 92
Identification: 0xbffa (49146)
Flags: 0x0000
  0... .... = Reserved bit: Not set
  .0.. .... = Don't fragment: Not set
  ..0. .... = More fragments: Not set

```

Fragment offset: 0  
Time to live: 1  
[Expert Info (Note/Sequence): "Time To Live" only 1]  
["Time To Live" only 1]  
[Severity level: Note]  
[Group: Sequence]

Protocol: ICMP (1)  
Header checksum: 0x14f6 [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.1.108  
Destination: 128.93.162.63  
Internet Control Message Protocol  
Type: 8 (Echo (ping) request)  
Code: 0  
Checksum: 0xf7af [unverified] [in ICMP error packet]  
[Checksum Status: Unverified]  
Identifier (BE): 1 (0x0001)  
Identifier (LE): 256 (0x0100)  
Sequence number (BE): 79 (0x004f)  
Sequence number (LE): 20224 (0x4f00)

No.	Time	Source	Destination	Protocol	Length	Info
457	59.670262	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=80/20480, ttl=10 (no response found!)

Frame 457: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
\\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92  
Identification: 0xbffb (49147)  
Flags: 0x0000  
0... .... = Reserved bit: Not set  
..0. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set

Fragment offset: 0  
Time to live: 10  
Protocol: ICMP (1)  
Header checksum: 0x0bf5 [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.1.108  
Destination: 128.93.162.63

Internet Control Message Protocol  
Type: 8 (Echo (ping) request)  
Code: 0  
Checksum: 0xf7ae [correct]  
[Checksum Status: Good]

Identifier (BE): 1 (0x0001)  
Identifier (LE): 256 (0x0100)  
Sequence number (BE): 80 (0x0050)  
Sequence number (LE): 20480 (0x5000)  
[No response seen]  
[Expert Info (Warning/Sequence): No response seen to ICMP request]  
[No response seen to ICMP request]  
[Severity level: Warning]  
[Group: Sequence]  
Data (64 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
Data: 00...  
[Length: 64]

No.	Time	Source	Destination	Protocol	Length	Info
458	59.715908	192.93.122.19	192.168.1.108	ICMP	70	Time-to-live exceeded (Time to live exceeded in transit)

Frame 458: 70 bytes on wire (560 bits), 70 bytes captured (560 bits) on interface  
\Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)  
Internet Protocol Version 4, Src: 192.93.122.19, Dst: 192.168.1.108  
0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
Total Length: 56  
Identification: 0xcba1 (52129)  
Flags: 0x0000  
0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set  
Fragment offset: 0  
Time to live: 243  
Protocol: ICMP (1)  
Header checksum: 0xff9d [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.93.122.19  
Destination: 192.168.1.108  
Internet Control Message Protocol  
Type: 11 (Time-to-live exceeded)  
Code: 0 (Time to live exceeded in transit)  
Checksum: 0xf4ff [correct]  
[Checksum Status: Good]  
Unused: 00000000  
Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63  
0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)  
 Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
   0000 00.. = Differentiated Services Codepoint: Default (0)  
   .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
 Total Length: 92  
 Identification: 0xbffb (49147)  
 Flags: 0x0000  
   0... .... = Reserved bit: Not set  
   .0.. .... = Don't fragment: Not set  
   ..0. .... = More fragments: Not set  
 Fragment offset: 0  
 Time to live: 1  
   [Expert Info (Note/Sequence): "Time To Live" only 1]  
     ["Time To Live" only 1]  
     [Severity level: Note]  
     [Group: Sequence]  
 Protocol: ICMP (1)  
 Header checksum: 0x14f5 [validation disabled]  
 [Header checksum status: Unverified]  
 Source: 192.168.1.108  
 Destination: 128.93.162.63  
 Internet Control Message Protocol  
   Type: 8 (Echo (ping) request)  
   Code: 0  
   Checksum: 0xf7ae [unverified] [in ICMP error packet]  
   [Checksum Status: Unverified]  
   Identifier (BE): 1 (0x0001)  
   Identifier (LE): 256 (0x0100)  
   Sequence number (BE): 80 (0x0050)  
   Sequence number (LE): 20480 (0x5000)

No.	Time	Source	Destination	Protocol	Length	Info
526	65.226481	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=81/20736, ttl=11 (reply in 527)

Frame 526: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
 \Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
 Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
 Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63  
   0100 .... = Version: 4  
   .... 0101 = Header Length: 20 bytes (5)  
   Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
     0000 00.. = Differentiated Services Codepoint: Default (0)  
     .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
   Total Length: 92  
   Identification: 0xbffc (49148)  
   Flags: 0x0000  
     0... .... = Reserved bit: Not set  
     .0.. .... = Don't fragment: Not set  
     ..0. .... = More fragments: Not set  
   Fragment offset: 0  
   Time to live: 11

Protocol: ICMP (1)  
Header checksum: 0x0af4 [validation disabled]  
[Header checksum status: Unverified]  
Source: 192.168.1.108  
Destination: 128.93.162.63

Internet Control Message Protocol

Type: 8 (Echo (ping) request)  
Code: 0  
Checksum: 0xf7ad [correct]  
[Checksum Status: Good]  
Identifier (BE): 1 (0x0001)  
Identifier (LE): 256 (0x0100)  
Sequence number (BE): 81 (0x0051)  
Sequence number (LE): 20736 (0x5100)  
[Response frame: 527]  
Data (64 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....  
Data: 00...  
[Length: 64]

No.	Time	Source	Destination	Protocol	Length	Info
527	65.275348	128.93.162.63	192.168.1.108	ICMP	106	Echo (ping) reply id=0x0001, seq=81/20736, ttl=52 (request in 526)

Frame 527: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
\\Device\\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0

Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)

Internet Protocol Version 4, Src: 128.93.162.63, Dst: 192.168.1.108

0100 .... = Version: 4  
.... 0101 = Header Length: 20 bytes (5)  
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
0000 00.. = Differentiated Services Codepoint: Default (0)  
.... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0x9fe7 (40935)

Flags: 0x0000

0... .... = Reserved bit: Not set  
.0.. .... = Don't fragment: Not set  
..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 52

Protocol: ICMP (1)

Header checksum: 0x0209 [validation disabled]

[Header checksum status: Unverified]

Source: 128.93.162.63

Destination: 192.168.1.108

Internet Control Message Protocol

Type: 0 (Echo (ping) reply)





Data (64 bytes)

```
0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
```

[Length: 64]

Data (64 bytes)

```
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
```

[illegible]

No.	Time	Source	Destination	Protocol	Length	Info
530	65.328397	192.168.1.108	128.93.162.63	ICMP	106	Echo (ping) request id=0x0001, seq=83/21248, ttl=11 (reply in 531)

Frame 530: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
 \Device\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0  
 Ethernet II, Src: IntelCor\_4f:90:fc (60:57:18:4f:90:fc), Dst: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30)  
 Internet Protocol Version 4, Src: 192.168.1.108, Dst: 128.93.162.63

0100 .... = Version: 4  
 .... 0101 = Header Length: 20 bytes (5)  
 Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)  
 0000 00.. = Differentiated Services Codepoint: Default (0)  
 .... ..00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0xbffe (49150)

Flags: 0x0000

0... .. = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 11

### Protocol: ICMP (1)

Header checksum: 0x0af2 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108

Destination: 128.93.162.63

# Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0xf7ab [correct]

[Checksum Status: Good]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 83 (0x0053)

Sequence number (LE): 21248 (0x5300)

[Response frame: 531]

Data (64 bytes)

[illegible]

No.	Time	Source	Destination	Protocol	Length	Info
531	65.375949	128.93.162.63	192.168.1.108	ICMP	106	Echo (ping) reply

id=0x0001, seq=83/21248, ttl=52 (request in 530)

Frame 531: 106 bytes on wire (848 bits), 106 bytes captured (848 bits) on interface  
\\Device\\NPF\_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0

Ethernet II, Src: BelkinIn\_c9:a4:30 (60:38:e0:c9:a4:30), Dst: IntelCor\_4f:90:fc (60:57:18:4f:90:fc)

Internet Protocol Version 4, Src: 128.93.162.63, Dst: 192.168.1.108

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

0000 00.. = Differentiated Services Codepoint: Default (0)

....00 = Explicit Congestion Notification: Not ECN-Capable Transport (0)

Total Length: 92

Identification: 0x9ffb (40955)

Flags: 0x0000

0... .... = Reserved bit: Not set

.0.. .... = Don't fragment: Not set

..0. .... = More fragments: Not set

Fragment offset: 0

Time to live: 52

### Protocol: ICMP (1)

Header checksum: 0x01f5 [validation disabled]

[Header checksum status: Unverified]

Source: 128.93.162.63

Destination: 192.168.1.108

# Internet Control Message Protocol

Type: 0 (Echo (ping) reply)

Code: 0

Checksum: 0xffab [correct]

[Checksum Status: Good]

Identifier (BE): 1 (0x0001)

Identifier (LE): 256 (0x0100)

Sequence number (BE): 83 (0x0053)

Sequence number (LE): 21248 (0x5300)

[Request frame: 530]

[Response time: 47,552 ms]

Data (64 bytes)

0000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

```
0010 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....
```

0020 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

0030 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 .....

[illegible]

[Length: 64]