Міністерство освіти і науки України

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3BIT

про виконання лабораторних робіт з дисципліни "Комп'ютерні мережі" Лабораторна робота №5 Протокол IP

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Лабораторна робота №5: Протокол IP

Мета роботи: аналіз основних деталей роботи протоколу IP.

5.1. Теоретичні відомості

5.2. Хід роботи

Необхідно виконати наступні дії:

- 1. Відкрийте командний термінал
- 2. Запустіть Wireshark, почніть захоплення пакетів.
- 3. Виконайте команду
 - a. windows: ping -l 2000 gaia.cs.umass.edu
 - b. linux: traceroute gaia.cs.umass.edu 2000
 - якщо відповіді від цільової робочої станції немає, можна використати іншу адресу, наприклад: 10.35.8.10 або 194.44.29.242 або ІР адресу деякої робочої станції у локальній мережі (наприклад, зовнішню адресу вашої робочої станції)
- 4. Зупиніть захоплення пакетів.
- Перегляньте деталі захоплених пакетів. Для цього налаштуйте вікно деталей пакету: згорніть деталі протоколів усіх рівнів крім IP/ICMP (за допомогою знаків +/-).
- Приготуйте відповіді на контрольні запитання, роздрукуйте необхідні для цього пакети.
- 7. Закрийте Wireshark, закрийте командний термінал.

5.3. Контрольні запитання

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

Контрольні запитання:

- Визначте IP адреси вашої та цільової робочих станцій.
- Яке значення в полі номера протоколу вищого рівня в заголовку IP першого пакету із запитом ICMP?
- Скільки байт займає заголовок ІР першого пакету із запитом ІСМР? Скільки байт займає корисна інформація (payload) пакету? Поясніть як ви встановили кількість байт корисної інформації.
- 4. Дослідіть пакет із пунктів 2/3. Чи фрагментований цей пакет? Поясніть як ви встановили фрагментацію пакету. Як можна встановити номер фрагменту, що передається у пакеті?
- 5. Знайдіть наступний фрагмент датаграми IP. Яка інформація дозволяє встановити наявність наступних фрагментів, що мають слідувати за другим фрагментом?
- 6. Які поля протоколу ІР відрізняють перший фрагмент від другого?
- Розгляньте послідовність пакетів ІР із запитами ІСМР вашої робочої станції. Які поля заголовку ІР завжди змінюються?
- Розгляньте послідовність пакетів ІР із запитами ІСМР вашої робочої станції. Які поля заголовку ІР мають зберігати свої значення? Які поля мають змінюватися? Чому?
- Розгляньте послідовність пакетів ІР із запитами ІСМР вашої робочої станції.
 Опишіть закономірність зміни значень поля Identification рівня ІР.

- 10. Розгляньте послідовність пакетів IP із повідомленнями TTL-exceeded від найближчого маршрутизатора. Які значення встановлені у полях Identification та TTL?
- 11. Розгляньте послідовність пакетів ІР із повідомленнями TTL-exceeded від найближчого маршрутизатора. Які значення встановлені у полях Identification та TTL? Чи змінюються ці значення для різних пакетів у послідовності? Чому?

Контрольні запитання:

```
C:\Users\homePC>ping -1 2000 194.44.29.242

Обмен пакетами с 194.44.29.242 по с 2000 байтами данных:
Ответ от 194.44.29.242: число байт=2000 время=8мс TTL=59
Ответ от 194.44.29.242: число байт=2000 время=8мс TTL=59
Ответ от 194.44.29.242: число байт=2000 время=9мс TTL=59
Ответ от 194.44.29.242: число байт=2000 время=12мс TTL=59

Статистика Ping для 194.44.29.242:
Пакетов: отправлено = 4, получено = 4, потеряно = 0
(0% потерь)
Приблизительное время приема-передачи в мс:
Минимальное = 8мсек, Максимальное = 12 мсек, Среднее = 9 мсек
```

Рис. 5.1. Результат виконання запросу «ping -1 2000 194.44.29.242»

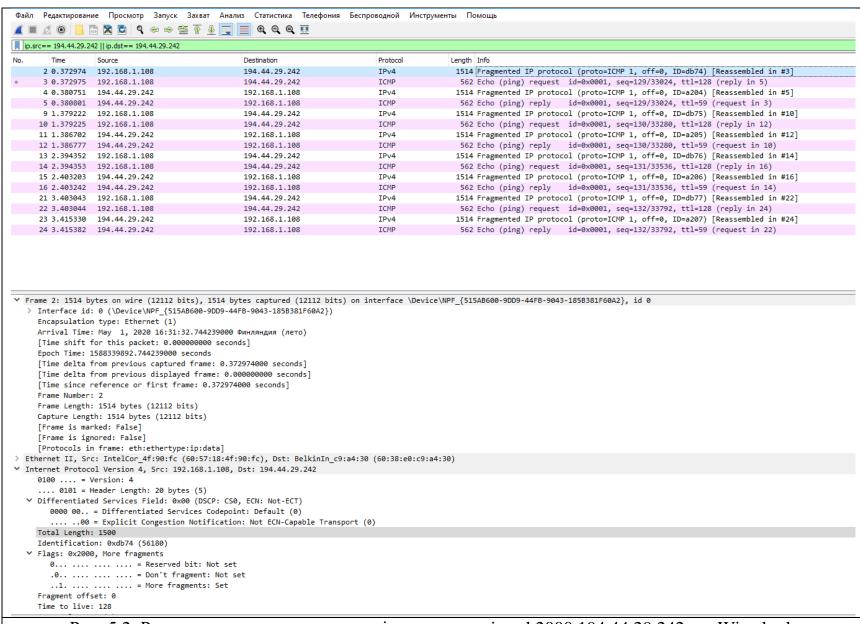


Рис. 5.2. Результат перехоплення пакетів запросу «ping -1 2000 194.44.29.242» у Wireshark

1. Визначте ІР адреси вашої та цільової робочих станцій.

ІР адреса робочої станції: 192.168.1.108

IP адреса цільової станції: 194.44.29.242

2. Яке значення в полі номера протоколу вищого рівня в заголовку ІР першого пакету із запитом ІСМР?

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 194.44.29.242

0100 = Version: 4

3. Скільки байт займає заголовок IP першого пакету із запитом ICMP? Скільки байт займає корисна інформація (payload) пакету? Поясніть як ви встановили кількість байт корисної інформації.

Заголовок першого пакету має 20 байт. Корисна інформація займає 1480 байт. Величина пакету, що передається по Ethernet 1500 байт.

1500 байт – 20 байт заголовку = 1480 байт корисної інформації.

4. Дослідіть пакет із пунктів 2/3. Чи фрагментований цей пакет? Поясніть як ви встановили фрагментацію пакету. Як можна встановити номер фрагменту, що передається у пакеті?

Пакет фрагметовано. Флаг фрагментації встановлено. More fragments: Set Номер фрагменту можна вирахувати використовуючи значення полів ідентифікатор пакетів (наприклад, Identification: 0xdb74 (56180)) та поля зміщення фрагменту (Fragment offset: 0, Fragment offset: 1480).

5. Знайдіть наступний фрагмент датаграми ІР. Яка інформація дозволяє встановити наявність наступних фрагментів, що мають слідувати за другим фрагментом?

Той самий ідентифікатор. Identification: 0xdb74 (56180)

Зміщення 1480 . Fragment offset: 1480

Але флаг фрагментації не встановлено Don't fragment: Not set

Тобто після другого пакету, більше фрагментованих частин не очікується. Тобто другий пакет – це останній пакет із усіх фрагментованих.

6. Які поля протоколу ІР відрізняють перший фрагмент від другого?

Для того, щоб відрізнити пакети з одним і тим самим ідентифіактором один від іншого використувується значення поля Fragment offset.

7. Розгляньте послідовність пакетів ІР із запитами ІСМР вашої робочої станції. Які поля заголовку ІР завжди змінюються?

Fragment offset завжди змінюється, щоб зберігати послідовність пакетів.

Таком можуть змінюватися Flags, Header checksum, Header Length, Total Length.

8. Розгляньте послідовність пакетів ІР із запитами ІСМР вашої робочої станції. Які поля заголовку ІР мають зберігати свої значення? Які поля мають змінюватися? Чому?

Залишаються незмінними: Identification, Source, Destination.

Identification – не повинно змінюватися, щоб точно ідентифікувати належність того чи іншого фрагменту до загальної послідовності.

Поля Fragment offset завжди змінюється, щоб зберігати корректну послідовність пакетів, поля Flags можут змінюватися, щоб, наприклад, сигналізувати про фрагментацію пакетів, про останній пакет із усіх фрагментів і т.п.

Total Length може змінюватися. Останній пакет може мати менший розмір ніх попередні. Header checksum вираховується динамічно згідно даних заголовку. Header Length також може бути від 20 до 24 байт.

В цілому, Version також може змінюватися в залежності від того, який протокол використовується IPv4 або IPv6

Також можуть змінюватися Time to live: 128 та значення «Protocol», якщо мова йде не про ICM. Також можуть змінюватися значення полів Differentiated Services Field та Explicit Congestion Notification.

9. Розгляньте послідовність пакетів ІР із запитами ІСМР вашої робочої станції. Опишіть закономірність зміни значень поля Identification рівня ІР.

Request Запит	Reply Відповідь
0xdb74 (56180)	0xa204 (41476)
0xdb75 (56181)	0xa205 (41477)
0xdb76 (56182)	0xa206 (41478)
0xdb77 (56183)	0xa207 (41479)

Значення кожного наступного пакету збільшується на одиницю від попереднього.

⊈ *Б	— *Беспроводная сеть							
Файл Редактирование Просмотр Запуск Захват Анализ Статистика Телефония Беспроводной Инструменты Помощь								
icmpm								
No.	Time	Source	Destination	Protocol	Length Info			
	338 1.767754	192.168.1.108	194.44.29.243	ICMP	562 Echo (ping) request id=0x0001, seq=157/40192, ttl=1 (no response found!)			
	339 1.768811	192.168.1.1	192.168.1.108	ICMP	590 Time-to-live exceeded (Time to live exceeded in transit)			
	345 2.775761	192.168.1.108	194.44.29.243	ICMP	562 Echo (ping) request id=0x0001, seq=158/40448, ttl=1 (no response found!)			
	346 2.777674	192.168.1.1	192.168.1.108	ICMP	590 Time-to-live exceeded (Time to live exceeded in transit)			
	352 3.784269	192.168.1.108	194.44.29.243	ICMP	562 Echo (ping) request id=0x0001, seq=159/40704, ttl=1 (no response found!)			
	353 3.788494	192.168.1.1	192.168.1.108	ICMP	590 Time-to-live exceeded (Time to live exceeded in transit)			
	363 4.792300	192.168.1.108	194.44.29.243	ICMP	562 Echo (ping) request id=0x0001, seq=160/40960, ttl=1 (no response found!)			
	364 4.797567	192.168.1.1	192.168.1.108	ICMP	590 Time-to-live exceeded (Time to live exceeded in transit)			

Рис. 5.3. Результат перехоплення пакетів запросу «ping -i 1 -l 2000 194.44.29.243» у Wireshark

```
C:\Users\homePC>ping -i 1 -1 2000 194.44.29.243

Обмен пакетами с 194.44.29.243 по с 2000 байтами данных:
Ответ от 192.168.1.1: Превышен срок жизни (TTL) при передаче пакета.
Ответ от 192.168.1.1: Превышен срок жизни (TTL) при передаче пакета.
Ответ от 192.168.1.1: Превышен срок жизни (TTL) при передаче пакета.
Ответ от 192.168.1.1: Превышен срок жизни (TTL) при передаче пакета.

Статистика Ping для 194.44.29.243:
Пакетов: отправлено = 4, получено = 4, потеряно = 0

(0% потерь)
```

Рис. 5.4. Результат виконання запросу «ping -i 1 -l 2000 194.44.29.243»

10. Розгляньте послідовність пакетів IP із повідомленнями TTL-exceeded від найближчого маршрутизатора. Які значення встановлені у полях Identification та TTL?

Src: 192.168.1.1, Dst: 192.168.1.108				
Identification	TTL			
0xd8bb (55483)	64			
0xd901 (55553)	64			
0xd940 (55616)	64			
0xd98f (55695)	64			

Internet Protocol Version 4, Src: 192.168.1.108, Dst: 194.44.29.243			
Identification	TTL		
0x2421 (9249)	1		
0x2422 (9250)	1		
0x2423 (9251)	1		
0x2424 (9252)	1		

11. Розгляньте послідовність пакетів IP із повідомленнями TTL-exceeded від найближчого маршрутизатора. Які значення встановлені у полях Identification та TTL? Чи змінюються ці значення для різних пакетів у послідовності? Чому?

Значення Identification змінюється, оскільки мова йде про різні запроси та відповіді, а TTL не змінюється, оскільки умовна відстань TTL до найближчого маршрутизатора залишається такою самою.

Запитання 1-9 No. Protocol Length Info Time Destination Source 2 0.372974 192.168.1.108 194.44.29.242 IPv4 1514 Fragmented IP protocol (proto=ICMP 1, off=0, ID=db74) [Reassembled in #3] Frame 2: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 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: 194.44.29.242 0100 = Version: 4 \dots 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: 1500 Identification: 0xdb74 (56180) Flags: 0x2000, More fragments 0... = Reserved bit: Not set .0.. = Don't fragment: Not set ..1. = More fragments: Set Fragment offset: 0 Time to live: 128 Protocol: ICMP (1) Header checksum: 0x9779 [validation disabled] [Header checksum status: Unverified] Source: 192.168.1.108 Destination: 194.44.29.242 Reassembled IPv4 in frame: 3 Data (1480 bytes) 0000 08 00 7a f6 00 01 00 81 61 62 63 64 65 66 67 68 ..z....abcdefgh 0010 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 ijklmnopqrstuvwa 0020 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 bcdefghijklmnopq 0030 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a rstuvwabcdefghij 0040 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 klmnopgrstuvwabc 0050 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 defghijklmnopgrs 0060 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c tuvwabcdefghijkl 0070 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 mnopqrstuvwabcde 0080 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 fghijklmnopgrstu 0090 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e vwabcdefghijklmn 00a0 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67 opgrstuvwabcdefg 00b0 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 hijklmnopgrstuvw 00c0 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 abcdefghijklmnop 00d0 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 grstuvwabcdefghi 00e0 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopgrstuvwab

cdefghijklmnopgr

stuvwabcdefghijk

lmnopqrstuvwabcd

efghijklmnopgrst

ghijklmnopgrstuv

00f0 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72

0100 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b

0110 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64

0120 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74

0150 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76

0130 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm 0140 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 nopgrstuvwabcdef

wabcdefghijklmno pqrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopqrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopqrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopgrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopqrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopqrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop grstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopqrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc

```
04a0 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 defghijklmnopgrs
04b0 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c tuvwabcdefghijkl
04c0 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65
                                                     mnopgrstuvwabcde
04d0 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75
                                                     fghijklmnopgrstu
04e0 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e vwabcdefghijklmn
04f0 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67
                                                     opgrstuvwabcdefg
0500 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77
                                                     hijklmnopqrstuvw
0510 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70
                                                     abcdefghijklmnop
0520 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69
                                                     grstuvwabcdefghi
0530 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopgrstuvwab
0540 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72
                                                     cdefghijklmnopqr
0550 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
0560 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64
                                                     lmnopgrstuvwabcd
                                                     efghijklmnopqrst
0570 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
0580 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
0590 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 nopgrstuvwabcdef
05a0 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 ghijklmnopgrstuv
05b0 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f wabcdefghijklmno
05c0 70 71 72 73 74 75 76 77
                                            pgrstuvw
      Time
                                 Destination
No.
                 Source
                                                   Protocol Length Info
   3 0.372975
                    192.168.1.108
                                         194.44.29.242
                                                             ICMP
                                                                       562
                                                                              Echo (ping) request
id=0x0001, seq=129/33024, ttl=128 (reply in 5)
Frame 3: 562 bytes on wire (4496 bits), 562 bytes captured (4496 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: 194.44.29.242
  0100 .... = Version: 4
  \dots 0101 = \text{Header Length: } 20 \text{ 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: 548
  Identification: 0xdb74 (56180)
  Flags: 0x00b9
    0... .... = Reserved bit: Not set
    .0.. .... = Don't fragment: Not set
    ..0. \dots = More fragments: Not set
  Fragment offset: 1480
  Time to live: 128
  Protocol: ICMP (1)
  Header checksum: 0xba78 [validation disabled]
  [Header checksum status: Unverified]
  Source: 192.168.1.108
  Destination: 194.44.29.242
  [2 IPv4 Fragments (2008 bytes): #2(1480), #3(528)]
Internet Control Message Protocol
  Type: 8 (Echo (ping) request)
  Code: 0
  Checksum: 0x7af6 [correct]
  [Checksum Status: Good]
```

Identifier (BE): 1 (0x0001) Identifier (LE): 256 (0x0100)

Sequence number (BE): 129 (0x0081) Sequence number (LE): 33024 (0x8100)

[Response frame: 5] Data (2000 bytes)

abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk **Imnopgrstuvwabcd** efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pgrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pgrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopqrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg

hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi iklmnopgrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pgrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopqrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopqrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi iklmnopgrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk

```
0610 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64
                                                     Imnopgrstuvwabcd
0620 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
                                                     efghijklmnopgrst
0630 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
0640 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66
                                                     nopgrstuvwabcdef
0650 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76
                                                     ghijklmnopqrstuv
0660 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f
                                                     wabcdefghijklmno
0670 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68
                                                     pgrstuvwabcdefgh
0680 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61
                                                     ijklmnopqrstuvwa
0690 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71
                                                     bcdefghijklmnopq
06a0 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a rstuvwabcdefghij
06b0 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63
                                                     klmnopqrstuvwabc
06c0 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73
                                                     defghijklmnopgrs
06d0 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c
                                                     tuvwabcdefghijkl
06e0 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65
                                                     mnopqrstuvwabcde
06f0 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75
                                                    fghijklmnopqrstu
0700 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e
                                                     vwabcdefghijklmn
0710 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67
                                                     opgrstuvwabcdefg
0720 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77
                                                     hijklmnopqrstuvw
0730 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70
                                                     abcdefghijklmnop
0740 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69
                                                     qrstuvwabcdefghi
0750 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopgrstuvwab
0760 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72
                                                     cdefghijklmnopqr
0770 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b
                                                     stuvwabcdefghijk
0780 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64
                                                     lmnopqrstuvwabcd
0790 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
                                                     efghijklmnopgrst
07a0 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d
                                                     uvwabcdefghijklm
07b0 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66
                                                     nopgrstuvwabcdef
07c0 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76
                                                     ghijklmnopgrstuv
      Time
No.
                 Source
                                 Destination
                                                   Protocol Length Info
   4 0.380751
                   194.44.29.242
                                       192.168.1.108
                                                           IPv4
                                                                   1514
                                                                         Fragmented IP protocol
(proto=ICMP 1, off=0, ID=a204) [Reassembled in #5]
Frame 4: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 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: 194.44.29.242, Dst: 192.168.1.108
  0100 .... = Version: 4
  \dots 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: 1500
  Identification: 0xa204 (41476)
  Flags: 0x2000, More fragments
    0... .... = Reserved bit: Not set
    .0.. .... = Don't fragment: Not set
    ..1. .... = More fragments: Set
  Fragment offset: 0
  Time to live: 59
  Protocol: ICMP (1)
  Header checksum: 0x15ea [validation disabled]
```

[Header checksum status: Unverified]

Source: 194.44.29.242 Destination: 192.168.1.108 Reassembled IPv4 in frame: 5

Data (1480 bytes)

.....abcdefgh ijklmnopgrstuvwa bcdefghijklmnopq klmnopqrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopqrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopqrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk **Imnopgrstuvwabcd** efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno

```
02e0 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68
                                                     pgrstuvwabcdefgh
02f0 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61
                                                    ijklmnopqrstuvwa
0300 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71
                                                     bcdefghijklmnopq
0310 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a rstuvwabcdefghij
0320 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63
                                                     klmnopgrstuvwabc
0330 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73
                                                     defghijklmnopgrs
0340 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c
                                                     tuvwabcdefghijkl
0350 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65
                                                     mnopgrstuvwabcde
0360 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75
                                                     fghijklmnopqrstu
0370 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e
                                                     vwabcdefghijklmn
0380 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67
                                                     opgrstuvwabcdefg
0390 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77
                                                     hijklmnopgrstuvw
03a0 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70
                                                     abcdefghijklmnop
03b0 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69
                                                      qrstuvwabcdefghi
03c0 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62
                                                    iklmnopqrstuvwab
03d0 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72
                                                     cdefghijklmnopgr
03e0 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b
                                                     stuvwabcdefghijk
03f0 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64
                                                    lmnopqrstuvwabcd
0400 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
                                                     efghijklmnopgrst
0410 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d
                                                     uvwabcdefghijklm
0420 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66
                                                     nopgrstuvwabcdef
0430 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76
                                                     ghijklmnopqrstuv
0440 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f
                                                     wabcdefghijklmno
0450 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68
                                                     pqrstuvwabcdefgh
0460 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61
                                                     ijklmnopgrstuvwa
0470 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71
                                                     bcdefghijklmnopq
0480 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a
                                                     rstuvwabcdefghij
0490 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63
                                                     klmnopgrstuvwabc
04a0 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73
                                                     defghijklmnopgrs
04b0 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c
                                                     tuvwabcdefghijkl
04c0 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65
                                                     mnopgrstuvwabcde
04d0 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75
                                                     fghijklmnopgrstu
04e0 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e
                                                     vwabcdefghijklmn
                                                     opqrstuvwabcdefg
04f0 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67
0500 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77
                                                     hijklmnopgrstuvw
0510 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70
                                                     abcdefghijklmnop
0520 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69
                                                      qrstuvwabcdefghi
0530 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62
                                                    iklmnopgrstuvwab
0540 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72
                                                     cdefghijklmnopgr
0550 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b
                                                     stuvwabcdefghijk
0560 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64
                                                     lmnopqrstuvwabcd
0570 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
                                                     efghijklmnopgrst
0580 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d
                                                    uvwabcdefghijklm
0590 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66
                                                     nopgrstuvwabcdef
05a0 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76
                                                     ghijklmnopqrstuv
05b0 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f
                                                     wabcdefghijklmno
05c0 70 71 72 73 74 75 76 77
                                            pgrstuvw
```

No. Time Source Destination Protocol Length Info 5 0.380801 194.44.29.242 192.168.1.108 ICMP 562 Echo (ping) reply id=0x0001, seq=129/33024, ttl=59 (request in 3)

```
Frame 5: 562 bytes on wire (4496 bits), 562 bytes captured (4496 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: 194.44.29.242, Dst: 192.168.1.108
  0100 .... = Version: 4
  \dots 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: 548
  Identification: 0xa204 (41476)
  Flags: 0x00b9
    0... = Reserved bit: Not set
    .0... = Don't fragment: Not set
    ..0. .... = More fragments: Not set
  Fragment offset: 1480
  Time to live: 59
  Protocol: ICMP (1)
  Header checksum: 0x38e9 [validation disabled]
  [Header checksum status: Unverified]
  Source: 194.44.29.242
  Destination: 192.168.1.108
  [2 IPv4 Fragments (2008 bytes): #4(1480), #5(528)]
Internet Control Message Protocol
  Type: 0 (Echo (ping) reply)
  Code: 0
  Checksum: 0x82f6 [correct]
  [Checksum Status: Good]
  Identifier (BE): 1 (0x0001)
  Identifier (LE): 256 (0x0100)
  Sequence number (BE): 129 (0x0081)
  Sequence number (LE): 33024 (0x8100)
  [Request frame: 3]
  [Response time: 7,826 ms]
  Data (2000 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
                                                    arstuvwabcdefghi
0020 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopgrstuvwab
0030 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72
                                                    cdefghijklmnopqr
0040 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
0050 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 Imnopgrstuvwabcd
0060 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
                                                    efghijklmnopgrst
0070 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
0080 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66
                                                     nopqrstuvwabcdef
0090 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76
                                                    ghijklmnopgrstuv
00a0 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f
                                                    wabcdefghijklmno
00b0 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 pqrstuvwabcdefgh
00c0 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 ijklmnopgrstuvwa
00d0 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71
                                                    bcdefghijklmnopq
00e0 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a rstuvwabcdefghij
00f0 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63
                                                    klmnopgrstuvwabc
```

defghijklmnopgrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pgrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopqrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pgrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopqrstuvwabc defghijklmnopqrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg

hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi iklmnopgrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pgrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopqrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi iklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopqrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk

```
0780 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 lmnopgrstuvwabcd
0790 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
                                                    efghijklmnopgrst
07a0 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
07b0 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 nopgrstuvwabcdef
07c0 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 ghijklmnopgrstuv
No.
      Time
                 Source
                                 Destination
                                                  Protocol Length Info
   9 1.379222
                   192.168.1.108
                                       194.44.29.242
                                                           IPv4
                                                                   1514 Fragmented IP protocol
(proto=ICMP 1, off=0, ID=db75) [Reassembled in #10]
Frame 9: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 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: 194.44.29.242
  0100 .... = Version: 4
  \dots 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: 1500
  Identification: 0xdb75 (56181)
  Flags: 0x2000, More fragments
    0... .... = Reserved bit: Not set
    .0.. .... = Don't fragment: Not set
    ..1. .... = More fragments: Set
  Fragment offset: 0
  Time to live: 128
  Protocol: ICMP (1)
  Header checksum: 0x9778 [validation disabled]
  [Header checksum status: Unverified]
  Source: 192.168.1.108
  Destination: 194.44.29.242
  Reassembled IPv4 in frame: 10
Data (1480 bytes)
0000 08 00 7a f5 00 01 00 82 61 62 63 64 65 66 67 68
                                                     ..z....abcdefgh
0010 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61
                                                    ijklmnopqrstuvwa
                                                     bcdefghijklmnopq
0020 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71
0030 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a rstuvwabcdefghij
0040 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63
                                                     klmnopgrstuvwabc
0050 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73
                                                     defghijklmnopgrs
0060 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c tuvwabcdefghijkl
0070 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65
                                                     mnopgrstuvwabcde
0080 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75
                                                     fghijklmnopqrstu
0090 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e
                                                     vwabcdefghijklmn
00a0 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67
                                                     opgrstuvwabcdefg
00b0 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77
                                                     hijklmnopgrstuvw
00c0 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70
                                                     abcdefghijklmnop
00d0 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69
                                                     qrstuvwabcdefghi
00e0 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62
                                                    jklmnopgrstuvwab
00f0 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72
                                                    cdefghijklmnopgr
0100 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b
                                                     stuvwabcdefghijk
```

lmnopgrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopqrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopqrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq klmnopqrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno

```
0450 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68
                                                     pgrstuvwabcdefgh
0460 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61
                                                     ijklmnopqrstuvwa
0470 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71
                                                     bcdefghijklmnopq
0480 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a rstuvwabcdefghij
0490 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 klmnopgrstuvwabc
04a0 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73
                                                    defghijklmnopgrs
04b0 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c tuvwabcdefghijkl
04c0 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65
                                                     mnopgrstuvwabcde
04d0 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75
                                                     fghijklmnopqrstu
04e0 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e
                                                    vwabcdefghijklmn
04f0 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67
                                                     opgrstuvwabcdefg
0500 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77
                                                     hijklmnopgrstuvw
0510 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70
                                                     abcdefghijklmnop
0520 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69
                                                     qrstuvwabcdefghi
                                                    jklmnopqrstuvwab
0530 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62
0540 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72
                                                     cdefghijklmnopgr
0550 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
0560 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 Imnopgrstuvwabcd
0570 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 efghijklmnopgrst
0580 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
0590 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 nopgrstuvwabcdef
05a0 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76
                                                     ghijklmnopqrstuv
05b0 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f wabcdefghijklmno
05c0 70 71 72 73 74 75 76 77
                                            pgrstuvw
No.
      Time
                                 Destination
                 Source
                                                   Protocol Length Info
   10 1.379225
                                         194.44.29.242
                                                             ICMP
                    192.168.1.108
                                                                       562
                                                                              Echo (ping) request
id=0x0001, seq=130/33280, ttl=128 (reply in 12)
Frame 10: 562 bytes on wire (4496 bits), 562 bytes captured (4496 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: 194.44.29.242
  0100 .... = Version: 4
  \dots 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: 548
  Identification: 0xdb75 (56181)
  Flags: 0x00b9
    0... .... = Reserved bit: Not set
    .0.. .... = Don't fragment: Not set
    ..0. \dots = More fragments: Not set
  Fragment offset: 1480
  Time to live: 128
  Protocol: ICMP (1)
  Header checksum: 0xba77 [validation disabled]
  [Header checksum status: Unverified]
  Source: 192.168.1.108
  Destination: 194.44.29.242
  [2 IPv4 Fragments (2008 bytes): #9(1480), #10(528)]
```

Internet Control Message Protocol

Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0x7af5 [correct] [Checksum Status: Good] Identifier (BE): 1 (0x0001) Identifier (LE): 256 (0x0100)

Sequence number (BE): 130 (0x0082) Sequence number (LE): 33280 (0x8200)

[Response frame: 12] Data (2000 bytes)

abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi iklmnopgrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq klmnopgrstuvwabc defghijklmnopgrs

tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk **Imnopgrstuvwabcd** efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopqrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopqrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop grstuvwabcdefghi jklmnopgrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq klmnopqrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopqrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw

```
05c0 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70
                                                    abcdefghijklmnop
05d0 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69
                                                     qrstuvwabcdefghi
05e0 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopgrstuvwab
05f0 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72
                                                    cdefghijklmnopgr
0600 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b
                                                     stuvwabcdefghijk
0610 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64
                                                     lmnopqrstuvwabcd
0620 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
                                                     efghijklmnopqrst
0630 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
0640 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66
                                                     nopgrstuvwabcdef
0650 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76
                                                     ghijklmnopqrstuv
0660 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f
                                                     wabcdefghijklmno
0670 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68
                                                     pqrstuvwabcdefgh
                                                     ijklmnopqrstuvwa
0680 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61
0690 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71
                                                     bcdefghijklmnopq
06a0 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a
                                                    rstuvwabcdefghij
06b0 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63
                                                     klmnopgrstuvwabc
06c0 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73
                                                     defghijklmnopgrs
06d0 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c
                                                    tuvwabcdefghijkl
06e0 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65
                                                     mnopgrstuvwabcde
06f0 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75
                                                    fghijklmnopgrstu
0700 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e
                                                     vwabcdefghijklmn
0710 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67
                                                     opgrstuvwabcdefg
0720 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77
                                                     hijklmnopgrstuvw
0730 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70
                                                     abcdefghijklmnop
0740 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69
                                                     qrstuvwabcdefghi
0750 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62
                                                    jklmnopqrstuvwab
0760 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72
                                                     cdefghijklmnopgr
0770 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b
                                                     stuvwabcdefghijk
0780 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64
                                                    lmnopqrstuvwabcd
0790 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
                                                     efghijklmnopqrst
07a0 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d
                                                     uvwabcdefghijklm
07b0 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66
                                                     nopgrstuvwabcdef
07c0 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76
                                                     ghijklmnopgrstuv
No.
      Time
                 Source
                                 Destination
                                                   Protocol Length Info
  11 1.386702
                   194.44.29.242
                                       192.168.1.108
                                                           IPv4
                                                                   1514
                                                                         Fragmented IP protocol
(proto=ICMP 1, off=0, ID=a205) [Reassembled in #12]
Frame 11: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 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: 194.44.29.242, Dst: 192.168.1.108
  0100 .... = Version: 4
  \dots 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: 1500
  Identification: 0xa205 (41477)
  Flags: 0x2000, More fragments
    0... .... = Reserved bit: Not set
    .0.. .... = Don't fragment: Not set
```

..1. = More fragments: Set

Fragment offset: 0 Time to live: 59 Protocol: ICMP (1)

Header checksum: 0x15e9 [validation disabled]

[Header checksum status: Unverified]

Source: 194.44.29.242 Destination: 192.168.1.108 Reassembled IPv4 in frame: 12

Data (1480 bytes)

.....abcdefgh ijklmnopqrstuvwa bcdefghijklmnopq klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopqrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopqrstu vwabcdefghijklmn opqrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk

```
Time
No.
                 Source
                                 Destination
                                                  Protocol Length Info
                    194.44.29.242
                                                              ICMP
  12 1.386777
                                         192.168.1.108
                                                                         562
                                                                               Echo (ping) reply
id=0x0001, seq=130/33280, ttl=59 (request in 10)
Frame 12: 562 bytes on wire (4496 bits), 562 bytes captured (4496 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: 194.44.29.242, 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: 548
  Identification: 0xa205 (41477)
  Flags: 0x00b9
    0... = Reserved bit: Not set
    .0.. .... = Don't fragment: Not set
    ..0. \dots \dots = More fragments: Not set
  Fragment offset: 1480
  Time to live: 59
  Protocol: ICMP (1)
  Header checksum: 0x38e8 [validation disabled]
  [Header checksum status: Unverified]
  Source: 194.44.29.242
  Destination: 192.168.1.108
  [2 IPv4 Fragments (2008 bytes): #11(1480), #12(528)]
Internet Control Message Protocol
  Type: 0 (Echo (ping) reply)
  Code: 0
  Checksum: 0x82f5 [correct]
  [Checksum Status: Good]
  Identifier (BE): 1 (0x0001)
  Identifier (LE): 256 (0x0100)
  Sequence number (BE): 130 (0x0082)
  Sequence number (LE): 33280 (0x8200)
  [Request frame: 10]
  [Response time: 7,552 ms]
  Data (2000 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 grstuvwabcdefghi
0020 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopgrstuvwab
0030 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 cdefghijklmnopqr
0040 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
0050 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64
                                                    lmnopgrstuvwabcd
0060 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
                                                     efghijklmnopgrst
0070 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
0080 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66
                                                     nopgrstuvwabcdef
0090 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76
                                                     ghijklmnopgrstuv
00a0 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f
                                                    wabcdefghijklmno
```

pgrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopgrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opqrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi iklmnopgrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs

tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk **Imnopgrstuvwabcd** efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopqrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopqrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop grstuvwabcdefghi iklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk **Imnopgrstuvwabcd** efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopg rstuvwabcdefghij klmnopqrstuvwabc defghijklmnopqrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopqrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw

```
0730 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70
                                                    abcdefghijklmnop
                                                     qrstuvwabcdefghi
0740 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69
0750 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopgrstuvwab
0760 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 cdefghijklmnopgr
0770 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
0780 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 lmnopgrstuvwabcd
0790 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
                                                    efghijklmnopqrst
07a0 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
07b0 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 nopgrstuvwabcdef
07c0 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 ghijklmnopqrstuv
      Time
No.
                 Source
                                 Destination
                                                   Protocol Length Info
   13 2.394352
                   192.168.1.108
                                       194.44.29.242
                                                           IPv4
                                                                   1514 Fragmented IP protocol
(proto=ICMP 1, off=0, ID=db76) [Reassembled in #14]
Frame 13: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 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: 194.44.29.242
  0100 .... = Version: 4
  \dots 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: 1500
  Identification: 0xdb76 (56182)
  Flags: 0x2000, More fragments
    0... .... = Reserved bit: Not set
    .0... = Don't fragment: Not set
    ..1. .... = More fragments: Set
  Fragment offset: 0
  Time to live: 128
  Protocol: ICMP (1)
  Header checksum: 0x9777 [validation disabled]
  [Header checksum status: Unverified]
  Source: 192.168.1.108
  Destination: 194.44.29.242
  Reassembled IPv4 in frame: 14
Data (1480 bytes)
0000 08 00 7a f4 00 01 00 83 61 62 63 64 65 66 67 68
                                                    ..z....abcdefgh
0010 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61
                                                    ijklmnopqrstuvwa
                                                     bcdefghijklmnopq
0020 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71
0030 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a rstuvwabcdefghij
0040 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63
                                                     klmnopqrstuvwabc
0050 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73
                                                     defghijklmnopgrs
0060 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c
                                                     tuvwabcdefghijkl
0070 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65
                                                     mnopqrstuvwabcde
0080 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75
                                                     fghijklmnopqrstu
0090 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e
                                                     vwabcdefghijklmn
                                                     opqrstuvwabcdefg
00a0 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67
00b0 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77
                                                     hijklmnopgrstuvw
```

abcdefghijklmnop qrstuvwabcdefghi jklmnopgrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopqrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pgrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopqrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opqrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopgrstuvwabcd

```
0400 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
                                                    efghijklmnopgrst
0410 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
0420 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66
                                                     nopgrstuvwabcdef
0430 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76
                                                     ghijklmnopgrstuv
0440 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f wabcdefghijklmno
0450 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68
                                                     pqrstuvwabcdefgh
0460 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 ijklmnopgrstuvwa
0470 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71
                                                    bcdefghijklmnopq
0480 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a rstuvwabcdefghij
0490 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63
                                                    klmnopgrstuvwabc
04a0 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73
                                                    defghijklmnopgrs
04b0 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c
                                                    tuvwabcdefghijkl
04c0 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65
                                                     mnopgrstuvwabcde
04d0 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75
                                                     fghijklmnopgrstu
04e0 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e
                                                    vwabcdefghijklmn
04f0 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67
                                                     opgrstuvwabcdefg
0500 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77
                                                     hijklmnopgrstuvw
0510 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70
                                                     abcdefghijklmnop
0520 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69
                                                     grstuvwabcdefghi
0530 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopgrstuvwab
0540 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72
                                                    cdefghijklmnopqr
0550 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
0560 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 Imnopgrstuvwabcd
0570 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
                                                    efghijklmnopqrst
0580 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
0590 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 nopgrstuvwabcdef
05a0 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76
                                                    ghijklmnopgrstuv
05b0 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f
                                                    wabcdefghijklmno
05c0 70 71 72 73 74 75 76 77
                                            pqrstuvw
No.
      Time
                                 Destination
                                                   Protocol Length Info
                 Source
   14 2.394353
                    192.168.1.108
                                        194.44.29.242
                                                             ICMP
                                                                       562
                                                                             Echo (ping) request
id=0x0001, seq=131/33536, ttl=128 (reply in 16)
Frame 14: 562 bytes on wire (4496 bits), 562 bytes captured (4496 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: 194.44.29.242
  0100 .... = Version: 4
  \dots 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: 548
  Identification: 0xdb76 (56182)
  Flags: 0x00b9
    0... .... = Reserved bit: Not set
    .0... = Don't fragment: Not set
    ..0. \dots = More fragments: Not set
  Fragment offset: 1480
  Time to live: 128
  Protocol: ICMP (1)
```

Header checksum: 0xba76 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108 Destination: 194.44.29.242

[2 IPv4 Fragments (2008 bytes): #13(1480), #14(528)]

Internet Control Message Protocol Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0x7af4 [correct] [Checksum Status: Good] Identifier (BE): 1 (0x0001) Identifier (LE): 256 (0x0100)

Sequence number (BE): 131 (0x0083) Sequence number (LE): 33536 (0x8300)

[Response frame: 16] Data (2000 bytes)

abcdefghijklmnop grstuvwabcdefghi cdefghijklmnopqr stuvwabcdefghijk **Imnopgrstuvwabcd** efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno ijklmnopqrstuvwa bcdefghijklmnopq klmnopqrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopqrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh

ijklmnopgrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opqrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopgrstuvwab cdefghijklmnopgr stuvwabcdefghijk **Imnopgrstuvwabcd** efghijklmnopqrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opqrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopgrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl

```
0570 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65
                                                     mnopgrstuvwabcde
0580 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75
                                                     fghijklmnopgrstu
0590 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e
                                                     vwabcdefghijklmn
05a0 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67
                                                     opgrstuvwabcdefg
05b0 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77
                                                     hijklmnopgrstuvw
05c0 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70
                                                     abcdefghijklmnop
05d0 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69
                                                      qrstuvwabcdefghi
05e0 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62
                                                     jklmnopgrstuvwab
05f0 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72
                                                     cdefghijklmnopqr
0600 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b
                                                     stuvwabcdefghijk
0610 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64
                                                     lmnopqrstuvwabcd
0620 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
                                                     efghijklmnopgrst
0630 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d
                                                     uvwabcdefghijklm
0640 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66
                                                     nopgrstuvwabcdef
0650 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76
                                                     ghijklmnopqrstuv
0660 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f
                                                     wabcdefghijklmno
0670 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68
                                                     pgrstuvwabcdefgh
0680 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61
                                                     ijklmnopqrstuvwa
0690 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71
                                                     bcdefghijklmnopg
06a0 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a rstuvwabcdefghij
06b0 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63
                                                     klmnopqrstuvwabc
06c0 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73
                                                     defghijklmnopgrs
06d0 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c
                                                     tuvwabcdefghijkl
06e0 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65
                                                     mnopqrstuvwabcde
06f0 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75
                                                     fghijklmnopgrstu
0700 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e
                                                     vwabcdefghijklmn
0710 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67
                                                     opgrstuvwabcdefg
0720 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77
                                                     hijklmnopgrstuvw
                                                     abcdefghijklmnop
0730 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70
0740 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69
                                                     qrstuvwabcdefghi
0750 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62
                                                     iklmnopgrstuvwab
0760 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72
                                                     cdefghijklmnopgr
0770 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b
                                                     stuvwabcdefghijk
0780 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64
                                                     lmnopqrstuvwabcd
0790 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
                                                     efghijklmnopgrst
07a0 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d
                                                     uvwabcdefghijklm
07b0 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66
                                                     nopgrstuvwabcdef
07c0 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76
                                                     ghijklmnopgrstuv
      Time
                  Source
No.
                                  Destination
                                                   Protocol Length Info
                    194.44.29.242
   15 2.403203
                                        192.168.1.108
                                                            IPv4
                                                                    1514
                                                                          Fragmented IP protocol
(proto=ICMP 1, off=0, ID=a206) [Reassembled in #16]
Frame 15: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 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: 194.44.29.242, Dst: 192.168.1.108
  0100 .... = Version: 4
  \dots 0101 = \text{Header Length: } 20 \text{ 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)
```

grstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopgrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk **Imnopgrstuvwabcd** efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopgrstuvwabcd efghijklmnopgrst

```
0580 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
0590 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 nopgrstuvwabcdef
05a0 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 ghijklmnopgrstuv
05b0 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f wabcdefghijklmno
                                            pqrstuvw
05c0 70 71 72 73 74 75 76 77
No.
      Time
                 Source
                                 Destination
                                                   Protocol Length Info
   16 2.403242
                    194.44.29.242
                                          192.168.1.108
                                                               ICMP
                                                                         562
                                                                                Echo (ping) reply
id=0x0001, seq=131/33536, ttl=59 (request in 14)
Frame 16: 562 bytes on wire (4496 bits), 562 bytes captured (4496 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: 194.44.29.242, Dst: 192.168.1.108
  0100 .... = Version: 4
  \dots 0101 = \text{Header Length: } 20 \text{ 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: 548
  Identification: 0xa206 (41478)
  Flags: 0x00b9
    0... .... = Reserved bit: Not set
    .0.. .... = Don't fragment: Not set
    ..0. \dots = More fragments: Not set
  Fragment offset: 1480
  Time to live: 59
  Protocol: ICMP (1)
  Header checksum: 0x38e7 [validation disabled]
  [Header checksum status: Unverified]
  Source: 194.44.29.242
  Destination: 192.168.1.108
  [2 IPv4 Fragments (2008 bytes): #15(1480), #16(528)]
Internet Control Message Protocol
  Type: 0 (Echo (ping) reply)
  Code: 0
  Checksum: 0x82f4 [correct]
  [Checksum Status: Good]
  Identifier (BE): 1 (0x0001)
  Identifier (LE): 256 (0x0100)
  Sequence number (BE): 131 (0x0083)
  Sequence number (LE): 33536 (0x8300)
  [Request frame: 14]
  [Response time: 8,889 ms]
  Data (2000 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 grstuvwabcdefghi
0020 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopgrstuvwab
0030 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 cdefghijklmnopgr
0040 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
0050 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 lmnopgrstuvwabcd
```

efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopqrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop grstuvwabcdefghi iklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopqrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopqrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopqrst uvwabcdefghijklm nopqrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pgrstuvwabcdefgh

ijklmnopgrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opqrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopqrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopqrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk **Imnopgrstuvwabcd** efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl

```
06e0 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65
                                                    mnopgrstuvwabcde
06f0 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75
                                                    fghijklmnopqrstu
0700 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e vwabcdefghijklmn
0710 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67
                                                     opgrstuvwabcdefg
0720 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77
                                                    hijklmnopgrstuvw
0730 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70
                                                    abcdefghijklmnop
0740 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69
                                                     qrstuvwabcdefghi
0750 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopgrstuvwab
0760 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72
                                                    cdefghijklmnopqr
0770 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b
                                                    stuvwabcdefghijk
0780 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64
                                                    lmnopqrstuvwabcd
                                                    efghijklmnopqrst
0790 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
07a0 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d
                                                    uvwabcdefghijklm
07b0 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66
                                                    nopgrstuvwabcdef
07c0 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76
                                                    ghijklmnopqrstuv
No.
      Time
                 Source
                                                  Protocol Length Info
                                 Destination
  21 3.403043
                   192.168.1.108
                                       194.44.29.242
                                                           IPv4
                                                                   1514
                                                                        Fragmented IP protocol
(proto=ICMP 1, off=0, ID=db77) [Reassembled in #22]
Frame 21: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 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: 194.44.29.242
  0100 .... = Version: 4
  \dots 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: 1500
  Identification: 0xdb77 (56183)
  Flags: 0x2000, More fragments
    0... = Reserved bit: Not set
    .0... = Don't fragment: Not set
    ..1. .... = More fragments: Set
  Fragment offset: 0
  Time to live: 128
  Protocol: ICMP (1)
  Header checksum: 0x9776 [validation disabled]
  [Header checksum status: Unverified]
  Source: 192.168.1.108
  Destination: 194.44.29.242
  Reassembled IPv4 in frame: 22
Data (1480 bytes)
0000 08 00 7a f3 00 01 00 84 61 62 63 64 65 66 67 68
                                                    ..z....abcdefgh
0010 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61
                                                    ijklmnopqrstuvwa
0020 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71
                                                    bcdefghijklmnopq
0030 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a rstuvwabcdefghij
0040 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63
                                                    klmnopgrstuvwabc
0050 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73
                                                    defghijklmnopgrs
0060 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c tuvwabcdefghijkl
```

mnopgrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi iklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopg rstuvwabcdefghij klmnopqrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopqrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopqrstuvwabc defghijklmnopqrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop

```
03b0 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69
                                                      grstuvwabcdefghi
03c0 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopgrstuvwab
03d0 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72
                                                     cdefghijklmnopgr
03e0 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b
                                                     stuvwabcdefghijk
03f0 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 lmnopgrstuvwabcd
0400 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
                                                     efghijklmnopqrst
0410 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
0420 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66
                                                     nopgrstuvwabcdef
0430 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76
                                                     ghijklmnopqrstuv
0440 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f
                                                     wabcdefghijklmno
0450 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68
                                                     pqrstuvwabcdefgh
0460 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61
                                                     ijklmnopgrstuvwa
0470 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71
                                                     bcdefghijklmnopq
0480 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a rstuvwabcdefghij
0490 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63
                                                     klmnopgrstuvwabc
04a0 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73
                                                     defghijklmnopgrs
04b0 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c
                                                     tuvwabcdefghijkl
                                                     mnopqrstuvwabcde
04c0 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65
04d0 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75
                                                     fghijklmnopgrstu
04e0 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e
                                                     vwabcdefghijklmn
04f0 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67
                                                     opgrstuvwabcdefg
0500 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77
                                                     hijklmnopgrstuvw
0510 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70
                                                     abcdefghijklmnop
0520 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69
                                                      qrstuvwabcdefghi
0530 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62
                                                     jklmnopqrstuvwab
0540 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72
                                                     cdefghijklmnopqr
0550 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b
                                                     stuvwabcdefghijk
0560 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64
                                                     Imnopgrstuvwabcd
0570 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
                                                     efghijklmnopgrst
0580 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
0590 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 nopgrstuvwabcdef
05a0 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76
                                                     ghijklmnopgrstuv
05b0 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f wabcdefghijklmno
05c0 70 71 72 73 74 75 76 77
                                            pqrstuvw
No.
      Time
                 Source
                                 Destination
                                                   Protocol Length Info
   22 3.403044
                                         194.44.29.242
                                                             ICMP
                    192.168.1.108
                                                                       562
                                                                              Echo (ping) request
id=0x0001, seq=132/33792, ttl=128 (reply in 24)
Frame 22: 562 bytes on wire (4496 bits), 562 bytes captured (4496 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: 194.44.29.242
  0100 .... = Version: 4
  \dots 0101 = \text{Header Length: } 20 \text{ 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: 548
  Identification: 0xdb77 (56183)
  Flags: 0x00b9
    0... = Reserved bit: Not set
```

.0... = Don't fragment: Not set $..0. \dots = More fragments: Not set$

Fragment offset: 1480 Time to live: 128 Protocol: ICMP (1)

Header checksum: 0xba75 [validation disabled]

[Header checksum status: Unverified]

Source: 192.168.1.108 Destination: 194.44.29.242

[2 IPv4 Fragments (2008 bytes): #21(1480), #22(528)]

Internet Control Message Protocol Type: 8 (Echo (ping) request)

Code: 0

Checksum: 0x7af3 [correct] [Checksum Status: Good] Identifier (BE): 1 (0x0001) Identifier (LE): 256 (0x0100)

Sequence number (BE): 132 (0x0084) Sequence number (LE): 33792 (0x8400)

[Response frame: 24] Data (2000 bytes)

abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopqrst nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno ijklmnopqrstuvwa bcdefghijklmnopq klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopqrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk **Imnopgrstuvwabcd** efghijklmnopgrst

uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopqrstuvwabc defghijklmnopqrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopqrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi iklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopgrstuvwa

No. Time Source Destination Protocol Length Info 23 3.415330 194.44.29.242 192.168.1.108 IPv4 1514 Fragmented IP protocol (proto=ICMP 1, off=0, ID=a207) [Reassembled in #24]

Frame 23: 1514 bytes on wire (12112 bits), 1514 bytes captured (12112 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: 194.44.29.242, Dst: 192.168.1.108

```
0100 .... = Version: 4
  \dots 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: 1500
  Identification: 0xa207 (41479)
  Flags: 0x2000, More fragments
    0... = Reserved bit: Not set
    .0.. .... = Don't fragment: Not set
    ..1. .... = More fragments: Set
  Fragment offset: 0
  Time to live: 59
  Protocol: ICMP (1)
  Header checksum: 0x15e7 [validation disabled]
  [Header checksum status: Unverified]
  Source: 194.44.29.242
  Destination: 192.168.1.108
  Reassembled IPv4 in frame: 24
Data (1480 bytes)
0000 00 00 82 f3 00 01 00 84 61 62 63 64 65 66 67 68
                                                    .....abcdefgh
0010 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61
                                                     ijklmnopgrstuvwa
0020 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71
                                                     bcdefghijklmnopq
0030 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a rstuvwabcdefghij
0040 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63
                                                     klmnopqrstuvwabc
                                                     defghijklmnopgrs
0050 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73
0060 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c
                                                     tuvwabcdefghijkl
0070 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65
                                                     mnopqrstuvwabcde
0080 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75
                                                     fghijklmnopqrstu
0090 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e
                                                     vwabcdefghijklmn
00a0 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67
                                                     opgrstuvwabcdefg
00b0 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77
                                                     hijklmnopqrstuvw
00c0 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70
                                                     abcdefghijklmnop
00d0 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69
                                                      qrstuvwabcdefghi
00e0 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62
                                                    jklmnopqrstuvwab
00f0 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72
                                                    cdefghijklmnopgr
0100 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b
                                                     stuvwabcdefghijk
0110 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64
                                                     Imnopgrstuvwabcd
0120 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
                                                     efghijklmnopgrst
0130 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d
                                                     uvwabcdefghijklm
0140 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66
                                                     nopgrstuvwabcdef
0150 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76
                                                     ghijklmnopqrstuv
0160 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f
                                                     wabcdefghijklmno
0170 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68
                                                     pqrstuvwabcdefgh
0180 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61
                                                     ijklmnopqrstuvwa
0190 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71
                                                     bcdefghijklmnopq
01a0 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a rstuvwabcdefghij
01b0 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63
                                                     klmnopqrstuvwabc
01c0 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73
                                                     defghijklmnopgrs
01d0 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c
                                                     tuvwabcdefghijkl
01e0 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65
                                                     mnopgrstuvwabcde
```

fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopqrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pgrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opqrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop grstuvwabcdefghi

```
0530 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopgrstuvwab
0540 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 cdefghijklmnopgr
0550 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
0560 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 lmnopgrstuvwabcd
0570 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 efghijklmnopgrst
0580 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
0590 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 nopgrstuvwabcdef
05a0 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 ghijklmnopgrstuv
05b0 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f wabcdefghijklmno
05c0 70 71 72 73 74 75 76 77
                                            pqrstuvw
No.
      Time
                 Source
                                 Destination
                                                  Protocol Length Info
  24 3.415382
                    194.44.29.242
                                          192.168.1.108
                                                               ICMP
                                                                         562
                                                                               Echo (ping) reply
id=0x0001, seq=132/33792, ttl=59 (request in 22)
Frame 24: 562 bytes on wire (4496 bits), 562 bytes captured (4496 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: 194.44.29.242, Dst: 192.168.1.108
  0100 .... = Version: 4
  \dots 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: 548
  Identification: 0xa207 (41479)
  Flags: 0x00b9
    0... .... = Reserved bit: Not set
    .0.. .... = Don't fragment: Not set
    ..0. \dots = More fragments: Not set
  Fragment offset: 1480
  Time to live: 59
  Protocol: ICMP (1)
  Header checksum: 0x38e6 [validation disabled]
  [Header checksum status: Unverified]
  Source: 194.44.29.242
  Destination: 192.168.1.108
  [2 IPv4 Fragments (2008 bytes): #23(1480), #24(528)]
Internet Control Message Protocol
  Type: 0 (Echo (ping) reply)
  Code: 0
  Checksum: 0x82f3 [correct]
  [Checksum Status: Good]
  Identifier (BE): 1 (0x0001)
  Identifier (LE): 256 (0x0100)
  Sequence number (BE): 132 (0x0084)
  Sequence number (LE): 33792 (0x8400)
  [Request frame: 22]
  [Response time: 12,338 ms]
  Data (2000 bytes)
0000 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 abcdefghijklmnop
```

grstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopgrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst

uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopqrstuvwabc defghijklmnopqrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq klmnopgrstuvwabc defghijklmnopqrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi iklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopgrstuvwa

0690 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 bcdefghijklmnopg 06a0 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a rstuvwabcdefghij 06b0 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 klmnopgrstuvwabc 06c0 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 defghijklmnopgrs 06d0 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c tuvwabcdefghijkl 06e0 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 mnopgrstuvwabcde 06f0 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 fghijklmnopqrstu 0700 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e vwabcdefghijklmn 0710 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67 opgrstuvwabcdefg 0720 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 hijklmnopqrstuvw 0730 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 abcdefghijklmnop 0740 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 grstuvwabcdefghi 0750 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopgrstuvwab 0760 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 cdefghijklmnopqr 0770 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk 0780 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 lmnopgrstuvwabcd 0790 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 efghijklmnopgrst 07a0 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm 07b0 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 nopgrstuvwabcdef 07c0 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 ghijklmnopgrstuv

10-11

No. Time Source Destination Protocol Length Info 338 1.767754 192.168.1.108 194.44.29.243 ICMP 562 Echo (ping) request id=0x0001, seq=157/40192, ttl=1 (no response found!)

Frame 338: 562 bytes on wire (4496 bits), 562 bytes captured (4496 bits) on interface \Device\NPF_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0

Interface id: 0 (\Device\NPF_{515AB600-9DD9-44FB-9043-185B381F60A2})

Encapsulation type: Ethernet (1)

Arrival Time: May 1, 2020 20:11:51.678543000 Финляндия (лето)

[Time shift for this packet: 0.000000000 seconds] Epoch Time: 1588353111.678543000 seconds

[Time delta from previous captured frame: 0.000001000 seconds] [Time delta from previous displayed frame: 0.000000000 seconds]

[Time since reference or first frame: 1.767754000 seconds]

Frame Number: 338

Frame Length: 562 bytes (4496 bits) Capture Length: 562 bytes (4496 bits)

[Frame is marked: True] [Frame is ignored: False]

[Protocols in frame: eth:ethertype:ip:icmp:data]

[Coloring Rule Name: ICMP]

[Coloring Rule String: icmp || icmpv6]

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: 194.44.29.243

0100 = Version: 4

```
\dots 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: 548
  Identification: 0x2421 (9249)
  Flags: 0x00b9
    0... .... = Reserved bit: Not set
    .0... = Don't fragment: Not set
    ..0. \dots = More fragments: Not set
  Fragment offset: 1480
  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: 0xf0cb [validation disabled]
  [Header checksum status: Unverified]
  Source: 192.168.1.108
  Destination: 194.44.29.243
  [2 IPv4 Fragments (2008 bytes): #337(1480), #338(528)]
Internet Control Message Protocol
  Type: 8 (Echo (ping) request)
  Code: 0
  Checksum: 0x7ada [correct]
  [Checksum Status: Good]
  Identifier (BE): 1 (0x0001)
  Identifier (LE): 256 (0x0100)
  Sequence number (BE): 157 (0x009d)
  Sequence number (LE): 40192 (0x9d00)
  [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 (2000 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
0020 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopgrstuvwab
0030 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 cdefghijklmnopgr
0040 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
0050 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 lmnopgrstuvwabcd
0060 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 efghijklmnopgrst
0070 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
0080 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66
                                                     nopgrstuvwabcdef
0090 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76
                                                     ghijklmnopgrstuv
00a0 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f
                                                     wabcdefghijklmno
00b0 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 pqrstuvwabcdefgh
00c0 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 ijklmnopgrstuvwa
00d0 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71
                                                     bcdefghijklmnopq
```

rstuvwabcdefghij klmnopqrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi iklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopqrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi iklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk **Imnopgrstuvwabcd** efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopqrstuvwabc defghijklmnopqrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu

vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopqrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk **Imnopgrstuvwabcd** efghijklmnopqrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pgrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopgrstuvwab

```
0760 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 cdefghijklmnopgr
0770 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
0780 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 lmnopgrstuvwabcd
0790 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 efghijklmnopgrst
07a0 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
07b0 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 nopgrstuvwabcdef
07c0 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 ghijklmnopgrstuv
    Data: 6162636465666768696a6b6c6d6e6f707172737475767761...
    [Length: 2000]
      Time
No.
                  Source
                                  Destination
                                                   Protocol Length Info
  339 1.768811
                                                        ICMP
                                                                 590
                                                                      Time-to-live exceeded
                   192.168.1.1
                                     192.168.1.108
(Time to live exceeded in transit)
Frame 339: 590 bytes on wire (4720 bits), 590 bytes captured (4720 bits) on interface
\Device\NPF \{515AB600-9DD9-44FB-9043-185B381F60A2\}, id 0
  Interface id: 0 (\Device\NPF_{515AB600-9DD9-44FB-9043-185B381F60A2})
  Encapsulation type: Ethernet (1)
  Arrival Time: May 1, 2020 20:11:51.679600000 Финляндия (лето)
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1588353111.679600000 seconds
  [Time delta from previous captured frame: 0.001057000 seconds]
  [Time delta from previous displayed frame: 0.001057000 seconds]
  [Time since reference or first frame: 1.768811000 seconds]
  Frame Number: 339
  Frame Length: 590 bytes (4720 bits)
  Capture Length: 590 bytes (4720 bits)
  [Frame is marked: True]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:icmp:ip:icmp:data]
  [Coloring Rule Name: ICMP errors]
  [Coloring Rule String: icmp.type eq 3 || icmp.type eq 4 || icmp.type eq 5 || icmp.type eq 11 ||
icmpv6.type eq 1 || icmpv6.type eq 2 || icmpv6.type eq 3 || icmpv6.type eq 4]
Ethernet
           II.
                 Src:
                        BelkinIn c9:a4:30
                                             (60:38:e0:c9:a4:30),
                                                                            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
  \dots 0101 = \text{Header Length: } 20 \text{ 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: 576
  Identification: 0xd8bb (55483)
  Flags: 0x0000
    0... .... = Reserved bit: Not set
    .0.. .... = Don't fragment: Not set
    ..0. \dots = More fragments: Not set
  Fragment offset: 0
  Time to live: 64
  Protocol: ICMP (1)
  Header checksum: 0x1b84 [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: 0x7685 [correct]
  [Checksum Status: Good]
  Unused: 00000000
  Internet Protocol Version 4, Src: 192.168.1.108, Dst: 194.44.29.243
    0100 .... = Version: 4
    \dots 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: 2028
    Identification: 0x2421 (9249)
    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: 0xebbc [validation disabled]
    [Header checksum status: Unverified]
    Source: 192.168.1.108
    Destination: 194.44.29.243
  Internet Control Message Protocol
    Type: 8 (Echo (ping) request)
    Code: 0
    Checksum: 0x7ada [unverified] [in ICMP error packet]
    [Checksum Status: Unverified]
    Identifier (BE): 1 (0x0001)
    Identifier (LE): 256 (0x0100)
    Sequence number (BE): 157 (0x009d)
    Sequence number (LE): 40192 (0x9d00)
    Data (520 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
0020 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopqrstuvwab
0030 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 cdefghijklmnopgr
0040 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
0050 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 lmnopgrstuvwabcd
0060 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 efghijklmnopgrst
0070 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
0080 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 nopgrstuvwabcdef
0090 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 ghijklmnopgrstuv
```

```
00a0 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f wabcdefghijklmno
00b0 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 pqrstuvwabcdefgh
00c0 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 ijklmnopgrstuvwa
00d0 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71
                                                    bcdefghijklmnopq
00e0 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a rstuvwabcdefghij
00f0 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63
                                                    klmnopqrstuvwabc
0100 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73
                                                    defghijklmnopgrs
0110 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c
                                                    tuvwabcdefghijkl
0120 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65
                                                    mnopqrstuvwabcde
0130 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75
                                                    fghijklmnopgrstu
                                                     vwabcdefghijklmn
0140 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e
                                                     opgrstuvwabcdefg
0150 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67
0160 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77
                                                    hijklmnopgrstuvw
0170 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70
                                                    abcdefghijklmnop
0180 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69
                                                     qrstuvwabcdefghi
0190 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopgrstuvwab
01a0 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72
                                                    cdefghijklmnopgr
01b0 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
01c0 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 lmnopgrstuvwabcd
01d0 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
                                                    efghijklmnopgrst
01e0 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
01f0 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 nopgrstuvwabcdef
0200 67 68 69 6a 6b 6c 6d 6e
                                           ghijklmn
      Data: 6162636465666768696a6b6c6d6e6f707172737475767761...
      [Length: 520]
     Time
No.
                 Source
                                 Destination
                                                  Protocol Length Info
  345 2.775761
                   192.168.1.108
                                      194.44.29.243
                                                         ICMP
                                                                  562
                                                                        Echo (ping) request
id=0x0001, seq=158/40448, ttl=1 (no response found!)
Frame 345: 562 bytes on wire (4496 bits), 562 bytes captured (4496 bits) on interface
\Device\NPF_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0
  Interface id: 0 (\Device\NPF_{515AB600-9DD9-44FB-9043-185B381F60A2})
  Encapsulation type: Ethernet (1)
  Arrival Time: May 1, 2020 20:11:52.686550000 Финляндия (лето)
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1588353112.686550000 seconds
  [Time delta from previous captured frame: 0.000000000 seconds]
  [Time delta from previous displayed frame: 1.006950000 seconds]
  [Time since reference or first frame: 2.775761000 seconds]
  Frame Number: 345
  Frame Length: 562 bytes (4496 bits)
  Capture Length: 562 bytes (4496 bits)
  [Frame is marked: True]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:icmp:data]
  [Coloring Rule Name: ICMP]
  [Coloring Rule String: icmp || icmpv6]
Ethernet
                        IntelCor_4f:90:fc
           II.
                 Src:
                                            (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: 194.44.29.243
```

0100 = Version: 4

```
\dots 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: 548
  Identification: 0x2422 (9250)
  Flags: 0x00b9
    0... .... = Reserved bit: Not set
    .0... = Don't fragment: Not set
    ..0. \dots = More fragments: Not set
  Fragment offset: 1480
  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: 0xf0ca [validation disabled]
  [Header checksum status: Unverified]
  Source: 192.168.1.108
  Destination: 194.44.29.243
  [2 IPv4 Fragments (2008 bytes): #344(1480), #345(528)]
Internet Control Message Protocol
  Type: 8 (Echo (ping) request)
  Code: 0
  Checksum: 0x7ad9 [correct]
  [Checksum Status: Good]
  Identifier (BE): 1 (0x0001)
  Identifier (LE): 256 (0x0100)
  Sequence number (BE): 158 (0x009e)
  Sequence number (LE): 40448 (0x9e00)
  [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 (2000 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
0020 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopgrstuvwab
0030 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 cdefghijklmnopgr
0040 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
0050 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 lmnopgrstuvwabcd
0060 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 efghijklmnopgrst
0070 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
0080 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66
                                                     nopgrstuvwabcdef
0090 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76
                                                     ghijklmnopgrstuv
00a0 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f
                                                     wabcdefghijklmno
00b0 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 pqrstuvwabcdefgh
00c0 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 ijklmnopgrstuvwa
00d0 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71
                                                     bcdefghijklmnopq
```

rstuvwabcdefghij klmnopqrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi iklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi iklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk **Imnopgrstuvwabcd** efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopqrstuvwabc defghijklmnopqrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu

vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopqrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopgrstuvwabcd efghijklmnopqrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pgrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopgrstuvwab

```
0760 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 cdefghijklmnopgr
0770 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
0780 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 lmnopgrstuvwabcd
0790 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 efghijklmnopgrst
07a0 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
07b0 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 nopgrstuvwabcdef
07c0 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 ghijklmnopgrstuv
    Data: 6162636465666768696a6b6c6d6e6f707172737475767761...
    [Length: 2000]
No.
      Time
                 Source
                                  Destination
                                                   Protocol Length Info
  346 2.777674
                                                        ICMP
                                                                 590
                                                                      Time-to-live exceeded
                   192.168.1.1
                                     192.168.1.108
(Time to live exceeded in transit)
Frame 346: 590 bytes on wire (4720 bits), 590 bytes captured (4720 bits) on interface
\Device\NPF \{515AB600-9DD9-44FB-9043-185B381F60A2\}, id 0
  Interface id: 0 (\Device\NPF_{515AB600-9DD9-44FB-9043-185B381F60A2})
  Encapsulation type: Ethernet (1)
  Arrival Time: May 1, 2020 20:11:52.688463000 Финляндия (лето)
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1588353112.688463000 seconds
  [Time delta from previous captured frame: 0.001913000 seconds]
  [Time delta from previous displayed frame: 0.001913000 seconds]
  [Time since reference or first frame: 2.777674000 seconds]
  Frame Number: 346
  Frame Length: 590 bytes (4720 bits)
  Capture Length: 590 bytes (4720 bits)
  [Frame is marked: True]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:icmp:ip:icmp:data]
  [Coloring Rule Name: ICMP errors]
  [Coloring Rule String: icmp.type eq 3 || icmp.type eq 4 || icmp.type eq 5 || icmp.type eq 11 ||
icmpv6.type eq 1 || icmpv6.type eq 2 || icmpv6.type eq 3 || icmpv6.type eq 4]
Ethernet
           II.
                 Src:
                        BelkinIn c9:a4:30
                                             (60:38:e0:c9:a4:30),
                                                                           IntelCor 4f:90:fc
                                                                    Dst:
(60:57:18:4f:90:fc)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.108
  0100 .... = Version: 4
  \dots 0101 = \text{Header Length: } 20 \text{ 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: 576
  Identification: 0xd901 (55553)
  Flags: 0x0000
    0... .... = Reserved bit: Not set
    .0.. .... = Don't fragment: Not set
    ..0. \dots = More fragments: Not set
  Fragment offset: 0
  Time to live: 64
  Protocol: ICMP (1)
  Header checksum: 0x1b3e [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: 0x7685 [correct]
  [Checksum Status: Good]
  Unused: 00000000
  Internet Protocol Version 4, Src: 192.168.1.108, Dst: 194.44.29.243
    0100 .... = Version: 4
    \dots 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: 2028
    Identification: 0x2422 (9250)
    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: 0xebbb [validation disabled]
    [Header checksum status: Unverified]
    Source: 192.168.1.108
    Destination: 194.44.29.243
  Internet Control Message Protocol
    Type: 8 (Echo (ping) request)
    Code: 0
    Checksum: 0x7ad9 [unverified] [in ICMP error packet]
    [Checksum Status: Unverified]
    Identifier (BE): 1 (0x0001)
    Identifier (LE): 256 (0x0100)
    Sequence number (BE): 158 (0x009e)
    Sequence number (LE): 40448 (0x9e00)
    Data (520 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
0020 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopqrstuvwab
0030 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 cdefghijklmnopgr
0040 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
0050 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 lmnopgrstuvwabcd
0060 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 efghijklmnopgrst
0070 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
0080 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 nopgrstuvwabcdef
0090 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 ghijklmnopgrstuv
```

```
00a0 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f wabcdefghijklmno
00b0 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 pqrstuvwabcdefgh
00c0 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 ijklmnopgrstuvwa
00d0 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71
                                                    bcdefghijklmnopq
00e0 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a rstuvwabcdefghij
00f0 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63
                                                    klmnopqrstuvwabc
0100 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73
                                                    defghijklmnopgrs
0110 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c
                                                    tuvwabcdefghijkl
0120 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65
                                                    mnopqrstuvwabcde
0130 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75
                                                    fghijklmnopgrstu
                                                     vwabcdefghijklmn
0140 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e
                                                     opgrstuvwabcdefg
0150 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67
0160 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77
                                                    hijklmnopgrstuvw
0170 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70
                                                    abcdefghijklmnop
                                                     qrstuvwabcdefghi
0180 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69
0190 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopgrstuvwab
01a0 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72
                                                    cdefghijklmnopgr
01b0 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
01c0 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 lmnopgrstuvwabcd
01d0 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
                                                    efghijklmnopgrst
01e0 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
01f0 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 nopgrstuvwabcdef
0200 67 68 69 6a 6b 6c 6d 6e
                                           ghijklmn
      Data: 6162636465666768696a6b6c6d6e6f707172737475767761...
      [Length: 520]
      Time
No.
                 Source
                                 Destination
                                                  Protocol Length Info
  352 3.784269
                   192.168.1.108
                                      194.44.29.243
                                                         ICMP
                                                                  562
                                                                        Echo (ping) request
id=0x0001, seq=159/40704, ttl=1 (no response found!)
Frame 352: 562 bytes on wire (4496 bits), 562 bytes captured (4496 bits) on interface
\Device\NPF_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0
  Interface id: 0 (\Device\NPF_{515AB600-9DD9-44FB-9043-185B381F60A2})
  Encapsulation type: Ethernet (1)
  Arrival Time: May 1, 2020 20:11:53.695058000 Финляндия (лето)
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1588353113.695058000 seconds
  [Time delta from previous captured frame: 0.000001000 seconds]
  [Time delta from previous displayed frame: 1.006595000 seconds]
  [Time since reference or first frame: 3.784269000 seconds]
  Frame Number: 352
  Frame Length: 562 bytes (4496 bits)
  Capture Length: 562 bytes (4496 bits)
  [Frame is marked: True]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:icmp:data]
  [Coloring Rule Name: ICMP]
  [Coloring Rule String: icmp || icmpv6]
Ethernet
                        IntelCor_4f:90:fc
           II.
                 Src:
                                            (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: 194.44.29.243
```

0100 = Version: 4

```
\dots 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: 548
  Identification: 0x2423 (9251)
  Flags: 0x00b9
    0... .... = Reserved bit: Not set
    .0... = Don't fragment: Not set
    ..0. \dots = More fragments: Not set
  Fragment offset: 1480
  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: 0xf0c9 [validation disabled]
  [Header checksum status: Unverified]
  Source: 192.168.1.108
  Destination: 194.44.29.243
  [2 IPv4 Fragments (2008 bytes): #351(1480), #352(528)]
Internet Control Message Protocol
  Type: 8 (Echo (ping) request)
  Code: 0
  Checksum: 0x7ad8 [correct]
  [Checksum Status: Good]
  Identifier (BE): 1 (0x0001)
  Identifier (LE): 256 (0x0100)
  Sequence number (BE): 159 (0x009f)
  Sequence number (LE): 40704 (0x9f00)
  [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 (2000 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
0020 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopgrstuvwab
0030 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 cdefghijklmnopgr
0040 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
0050 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 lmnopgrstuvwabcd
0060 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 efghijklmnopgrst
0070 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
0080 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66
                                                     nopgrstuvwabcdef
0090 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76
                                                     ghijklmnopgrstuv
00a0 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f
                                                     wabcdefghijklmno
00b0 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 pqrstuvwabcdefgh
00c0 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 ijklmnopgrstuvwa
00d0 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71
                                                     bcdefghijklmnopq
```

rstuvwabcdefghij klmnopqrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi iklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopqrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi iklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk **Imnopgrstuvwabcd** efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopqrstuvwabc defghijklmnopqrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu

vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopqrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk **Imnopgrstuvwabcd** efghijklmnopqrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pgrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopgrstuvwab

```
0760 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 cdefghijklmnopgr
0770 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
0780 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 lmnopgrstuvwabcd
0790 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 efghijklmnopgrst
07a0 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
07b0 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 nopgrstuvwabcdef
07c0 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 ghijklmnopgrstuv
    Data: 6162636465666768696a6b6c6d6e6f707172737475767761...
    [Length: 2000]
No.
      Time
                  Source
                                  Destination
                                                   Protocol Length Info
  353 3.788494
                                                        ICMP
                                                                 590
                                                                       Time-to-live exceeded
                   192.168.1.1
                                     192.168.1.108
(Time to live exceeded in transit)
Frame 353: 590 bytes on wire (4720 bits), 590 bytes captured (4720 bits) on interface
\Device\NPF \{515AB600-9DD9-44FB-9043-185B381F60A2\}, id 0
  Interface id: 0 (\Device\NPF_{515AB600-9DD9-44FB-9043-185B381F60A2})
  Encapsulation type: Ethernet (1)
  Arrival Time: May 1, 2020 20:11:53.699283000 Финляндия (лето)
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1588353113.699283000 seconds
  [Time delta from previous captured frame: 0.004225000 seconds]
  [Time delta from previous displayed frame: 0.004225000 seconds]
  [Time since reference or first frame: 3.788494000 seconds]
  Frame Number: 353
  Frame Length: 590 bytes (4720 bits)
  Capture Length: 590 bytes (4720 bits)
  [Frame is marked: True]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:icmp:ip:icmp:data]
  [Coloring Rule Name: ICMP errors]
  [Coloring Rule String: icmp.type eq 3 || icmp.type eq 4 || icmp.type eq 5 || icmp.type eq 11 ||
icmpv6.type eq 1 || icmpv6.type eq 2 || icmpv6.type eq 3 || icmpv6.type eq 4]
Ethernet
           II.
                 Src:
                        BelkinIn c9:a4:30
                                             (60:38:e0:c9:a4:30),
                                                                            IntelCor 4f:90:fc
                                                                    Dst:
(60:57:18:4f:90:fc)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.108
  0100 .... = Version: 4
  \dots 0101 = \text{Header Length: } 20 \text{ 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: 576
  Identification: 0xd940 (55616)
  Flags: 0x0000
    0... .... = Reserved bit: Not set
    .0.. .... = Don't fragment: Not set
    ..0. \dots = More fragments: Not set
  Fragment offset: 0
  Time to live: 64
  Protocol: ICMP (1)
  Header checksum: 0x1aff [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: 0x7685 [correct]
  [Checksum Status: Good]
  Unused: 00000000
  Internet Protocol Version 4, Src: 192.168.1.108, Dst: 194.44.29.243
    0100 .... = Version: 4
    \dots 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: 2028
    Identification: 0x2423 (9251)
    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: 0xebba [validation disabled]
    [Header checksum status: Unverified]
    Source: 192.168.1.108
    Destination: 194.44.29.243
  Internet Control Message Protocol
    Type: 8 (Echo (ping) request)
    Code: 0
    Checksum: 0x7ad8 [unverified] [in ICMP error packet]
    [Checksum Status: Unverified]
    Identifier (BE): 1 (0x0001)
    Identifier (LE): 256 (0x0100)
    Sequence number (BE): 159 (0x009f)
    Sequence number (LE): 40704 (0x9f00)
    Data (520 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
0020 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopqrstuvwab
0030 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 cdefghijklmnopgr
0040 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
0050 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 lmnopgrstuvwabcd
0060 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 efghijklmnopgrst
0070 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
0080 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 nopgrstuvwabcdef
0090 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 ghijklmnopgrstuv
```

```
00a0 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f wabcdefghijklmno
00b0 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 pqrstuvwabcdefgh
00c0 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 ijklmnopgrstuvwa
00d0 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71
                                                    bcdefghijklmnopq
00e0 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a rstuvwabcdefghij
00f0 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63
                                                    klmnopqrstuvwabc
0100 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73
                                                    defghijklmnopgrs
0110 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c
                                                    tuvwabcdefghijkl
0120 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65
                                                    mnopqrstuvwabcde
0130 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75
                                                    fghijklmnopgrstu
                                                     vwabcdefghijklmn
0140 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e
                                                     opgrstuvwabcdefg
0150 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67
0160 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77
                                                    hijklmnopgrstuvw
0170 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70
                                                    abcdefghijklmnop
0180 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69
                                                     qrstuvwabcdefghi
0190 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopgrstuvwab
01a0 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72
                                                    cdefghijklmnopqr
01b0 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
01c0 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 lmnopgrstuvwabcd
01d0 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
                                                    efghijklmnopgrst
01e0 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
01f0 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 nopgrstuvwabcdef
0200 67 68 69 6a 6b 6c 6d 6e
                                           ghijklmn
      Data: 6162636465666768696a6b6c6d6e6f707172737475767761...
      [Length: 520]
No.
      Time
                 Source
                                 Destination
                                                  Protocol Length Info
  363 4.792300
                   192.168.1.108
                                      194.44.29.243
                                                         ICMP
                                                                  562
                                                                        Echo (ping) request
id=0x0001, seq=160/40960, ttl=1 (no response found!)
Frame 363: 562 bytes on wire (4496 bits), 562 bytes captured (4496 bits) on interface
\Device\NPF_{515AB600-9DD9-44FB-9043-185B381F60A2}, id 0
  Interface id: 0 (\Device\NPF_{515AB600-9DD9-44FB-9043-185B381F60A2})
  Encapsulation type: Ethernet (1)
  Arrival Time: May 1, 2020 20:11:54.703089000 Финляндия (лето)
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1588353114.703089000 seconds
  [Time delta from previous captured frame: 0.000001000 seconds]
  [Time delta from previous displayed frame: 1.003806000 seconds]
  [Time since reference or first frame: 4.792300000 seconds]
  Frame Number: 363
  Frame Length: 562 bytes (4496 bits)
  Capture Length: 562 bytes (4496 bits)
  [Frame is marked: True]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:icmp:data]
  [Coloring Rule Name: ICMP]
  [Coloring Rule String: icmp || icmpv6]
Ethernet
                        IntelCor_4f:90:fc
           II.
                 Src:
                                            (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: 194.44.29.243
```

0100 = Version: 4

```
\dots 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: 548
  Identification: 0x2424 (9252)
  Flags: 0x00b9
    0... .... = Reserved bit: Not set
    .0... = Don't fragment: Not set
    ..0. \dots = More fragments: Not set
  Fragment offset: 1480
  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: 0xf0c8 [validation disabled]
  [Header checksum status: Unverified]
  Source: 192.168.1.108
  Destination: 194.44.29.243
  [2 IPv4 Fragments (2008 bytes): #362(1480), #363(528)]
Internet Control Message Protocol
  Type: 8 (Echo (ping) request)
  Code: 0
  Checksum: 0x7ad7 [correct]
  [Checksum Status: Good]
  Identifier (BE): 1 (0x0001)
  Identifier (LE): 256 (0x0100)
  Sequence number (BE): 160 (0x00a0)
  Sequence number (LE): 40960 (0xa000)
  [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 (2000 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
0020 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopgrstuvwab
0030 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 cdefghijklmnopgr
0040 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
0050 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 lmnopgrstuvwabcd
0060 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
                                                     efghijklmnopqrst
0070 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
0080 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66
                                                     nopgrstuvwabcdef
0090 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76
                                                     ghijklmnopgrstuv
00a0 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f
                                                     wabcdefghijklmno
00b0 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 pqrstuvwabcdefgh
00c0 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61
                                                     ijklmnopgrstuvwa
00d0 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71
                                                     bcdefghijklmnopq
```

rstuvwabcdefghij klmnopqrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi iklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopgrstuvwabcde fghijklmnopqrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi iklmnopqrstuvwab cdefghijklmnopgr stuvwabcdefghijk **Imnopgrstuvwabcd** efghijklmnopgrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopqrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopqrstuvwabc defghijklmnopqrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu

vwabcdefghijklmn opgrstuvwabcdefg hijklmnopgrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk lmnopqrstuvwabcd efghijklmnopqrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopgrstuv wabcdefghijklmno pqrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopqrstuvwab cdefghijklmnopqr stuvwabcdefghijk **Imnopgrstuvwabcd** efghijklmnopqrst uvwabcdefghijklm nopgrstuvwabcdef ghijklmnopqrstuv wabcdefghijklmno pgrstuvwabcdefgh ijklmnopgrstuvwa bcdefghijklmnopq rstuvwabcdefghij klmnopgrstuvwabc defghijklmnopgrs tuvwabcdefghijkl mnopqrstuvwabcde fghijklmnopgrstu vwabcdefghijklmn opgrstuvwabcdefg hijklmnopqrstuvw abcdefghijklmnop qrstuvwabcdefghi jklmnopgrstuvwab

```
0760 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 cdefghijklmnopgr
0770 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
0780 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 lmnopgrstuvwabcd
0790 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 efghijklmnopgrst
07a0 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
07b0 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 nopgrstuvwabcdef
07c0 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 ghijklmnopgrstuv
    Data: 6162636465666768696a6b6c6d6e6f707172737475767761...
    [Length: 2000]
      Time
No.
                 Source
                                  Destination
                                                   Protocol Length Info
  364 4.797567
                                                        ICMP
                                                                 590
                                                                      Time-to-live exceeded
                   192.168.1.1
                                     192.168.1.108
(Time to live exceeded in transit)
Frame 364: 590 bytes on wire (4720 bits), 590 bytes captured (4720 bits) on interface
\Device\NPF \{515AB600-9DD9-44FB-9043-185B381F60A2\}, id 0
  Interface id: 0 (\Device\NPF_{515AB600-9DD9-44FB-9043-185B381F60A2})
  Encapsulation type: Ethernet (1)
  Arrival Time: May 1, 2020 20:11:54.708356000 Финляндия (лето)
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1588353114.708356000 seconds
  [Time delta from previous captured frame: 0.005267000 seconds]
  [Time delta from previous displayed frame: 0.005267000 seconds]
  [Time since reference or first frame: 4.797567000 seconds]
  Frame Number: 364
  Frame Length: 590 bytes (4720 bits)
  Capture Length: 590 bytes (4720 bits)
  [Frame is marked: True]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ip:icmp:ip:icmp:data]
  [Coloring Rule Name: ICMP errors]
  [Coloring Rule String: icmp.type eq 3 || icmp.type eq 4 || icmp.type eq 5 || icmp.type eq 11 ||
icmpv6.type eq 1 || icmpv6.type eq 2 || icmpv6.type eq 3 || icmpv6.type eq 4]
Ethernet
           II.
                 Src:
                        BelkinIn c9:a4:30
                                             (60:38:e0:c9:a4:30),
                                                                           IntelCor 4f:90:fc
                                                                    Dst:
(60:57:18:4f:90:fc)
Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.1.108
  0100 .... = Version: 4
  \dots 0101 = \text{Header Length: } 20 \text{ 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: 576
  Identification: 0xd98f (55695)
  Flags: 0x0000
    0... .... = Reserved bit: Not set
    .0.. .... = Don't fragment: Not set
    ..0. \dots = More fragments: Not set
  Fragment offset: 0
  Time to live: 64
  Protocol: ICMP (1)
  Header checksum: 0x1ab0 [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: 0x7685 [correct]
  [Checksum Status: Good]
  Unused: 00000000
  Internet Protocol Version 4, Src: 192.168.1.108, Dst: 194.44.29.243
    0100 .... = Version: 4
    \dots 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: 2028
    Identification: 0x2424 (9252)
    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: 0xebb9 [validation disabled]
    [Header checksum status: Unverified]
    Source: 192.168.1.108
    Destination: 194.44.29.243
  Internet Control Message Protocol
    Type: 8 (Echo (ping) request)
    Code: 0
    Checksum: 0x7ad7 [unverified] [in ICMP error packet]
    [Checksum Status: Unverified]
    Identifier (BE): 1 (0x0001)
    Identifier (LE): 256 (0x0100)
    Sequence number (BE): 160 (0x00a0)
    Sequence number (LE): 40960 (0xa000)
    Data (520 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
0020 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 jklmnopqrstuvwab
0030 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 cdefghijklmnopgr
0040 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b stuvwabcdefghijk
0050 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 lmnopgrstuvwabcd
0060 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 efghijklmnopgrst
0070 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
0080 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 nopgrstuvwabcdef
0090 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 ghijklmnopgrstuv
```

```
00a0 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f
                                                    wabcdefghijklmno
00b0 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68
                                                    pqrstuvwabcdefgh
00c0 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61
                                                    ijklmnopqrstuvwa
00d0 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71
                                                    bcdefghijklmnopg
00e0 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a rstuvwabcdefghij
00f0 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63
                                                    klmnopqrstuvwabc
0100 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73
                                                    defghijklmnopgrs
0110 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c
                                                     tuvwabcdefghijkl
0120 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65
                                                     mnopgrstuvwabcde
0130 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75
                                                    fghijklmnopgrstu
0140 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e
                                                     vwabcdefghijklmn
0150 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 67
                                                     opgrstuvwabcdefg
0160 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77
                                                    hijklmnopgrstuvw
0170 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70
                                                    abcdefghijklmnop
0180 71 72 73 74 75 76 77 61 62 63 64 65 66 67 68 69
                                                     qrstuvwabcdefghi
0190 6a 6b 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62
                                                    iklmnopgrstuvwab
01a0 63 64 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72
                                                    cdefghijklmnopgr
01b0 73 74 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b
                                                    stuvwabcdefghijk
01c0 6c 6d 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64
                                                    Imnopgrstuvwabcd
01d0 65 66 67 68 69 6a 6b 6c 6d 6e 6f 70 71 72 73 74
                                                    efghijklmnopgrst
01e0 75 76 77 61 62 63 64 65 66 67 68 69 6a 6b 6c 6d uvwabcdefghijklm
01f0 6e 6f 70 71 72 73 74 75 76 77 61 62 63 64 65 66 nopgrstuvwabcdef
0200 67 68 69 6a 6b 6c 6d 6e
                                           ghijklmn
      Data: 6162636465666768696a6b6c6d6e6f707172737475767761...
```

[Length: 520]