


```
[Header checksum status: Unverified]
Source: 1.2.3.4
Destination: 10.0.2.6
Internet Control Message Protocol
Type: 8 (Echo (ping) request)
Code: 0
Checksum: 0xf7ff [correct]
[Checksum Status: Good]
Identifier (BE): 0 (0x0000)
Identifier (LE): 0 (0x0000)
Sequence number (BE): 0 (0x0000)
Sequence number (LE): 0 (0x0000)
[Response frame: 6]
```

No.	Time	Source	Destination	Protocol	Length	Info
6	2021-02-17 09:36:07.516588095	10.0.2.6	1.2.3.4	ICMP	42	Echo

(ping) reply id=0x0000, seq=0/0, ttl=64 (request in 5)
Frame 6: 42 bytes on wire (336 bits), 42 bytes captured (336 bits) on interface enp0s3, id 0
Ethernet II, Src: PcsCompu_c1:53:d4 (08:00:27:c1:53:d4), Dst: RealtekU_12:35:00 (52:54:00:12:35:00)
Internet Protocol Version 4, Src: 10.0.2.6, Dst: 1.2.3.4

```
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 28
Identification: 0xd7b6 (55222)
Flags: 0x0000
Fragment offset: 0
Time to live: 64
Protocol: ICMP (1)
Header checksum: 0x931f [validation disabled]
[Header checksum status: Unverified]
Source: 10.0.2.6
Destination: 1.2.3.4
```

Internet Control Message Protocol

```
Type: 0 (Echo (ping) reply)
Code: 0
Checksum: 0xffff [correct]
[Checksum Status: Good]
Identifier (BE): 0 (0x0000)
Identifier (LE): 0 (0x0000)
Sequence number (BE): 0 (0x0000)
Sequence number (LE): 0 (0x0000)
[Request frame: 5]
[Response time: 0.060 ms]
```

No.	Time	Source	Destination	Protocol	Length	Info
7	2021-02-17 09:36:08.858109745	10.0.2.4	8.8.8.8	DNS	100	Standard

query 0xf1f2 A connectivity-check.ubuntu.com OPT
Frame 7: 100 bytes on wire (800 bits), 100 bytes captured (800 bits) on interface enp0s3, id 0
Ethernet II, Src: PcsCompu_35:b3:59 (08:00:27:35:b3:59), Dst: RealtekU_12:35:00 (52:54:00:12:35:00)
Internet Protocol Version 4, Src: 10.0.2.4, Dst: 8.8.8.8

```
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 86
Identification: 0xe8aa (59562)
Flags: 0x4000, Don't fragment
Fragment offset: 0
Time to live: 64
Protocol: UDP (17)
Header checksum: 0x35d9 [validation disabled]
[Header checksum status: Unverified]
Source: 10.0.2.4
Destination: 8.8.8.8
```

User Datagram Protocol, Src Port: 59363, Dst Port: 53

Domain Name System (query)

No.	Time	Source	Destination	Protocol	Length	Info
8	2021-02-17 09:36:08.939122026	8.8.8.8	10.0.2.4	DNS	148	Standard

query response 0xf1f2 A connectivity-check.ubuntu.com A 34.122.121.32 A 35.224.170.84 A 35.232.111.17 OPT
Frame 8: 148 bytes on wire (1184 bits), 148 bytes captured (1184 bits) on interface enp0s3, id 0
Ethernet II, Src: RealtekU_12:35:00 (52:54:00:12:35:00), Dst: PcsCompu_35:b3:59 (08:00:27:35:b3:59)
Internet Protocol Version 4, Src: 8.8.8.8, Dst: 10.0.2.4

```
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 134
Identification: 0x6327 (25383)
Flags: 0x0000
```

```

Fragment offset: 0
Time to live: 255
Protocol: UDP (17)
Header checksum: 0x3c2c [validation disabled]
[Header checksum status: Unverified]
Source: 8.8.8.8
Destination: 10.0.2.4

```

User Datagram Protocol, Src Port: 53, Dst Port: 59363
Domain Name System (response)

No.	Time	Source	Destination	Protocol	Length	Info
80	2021-02-17 09:36:08.940812362	10.0.2.4	35.232.111.17	TCP	74	48014 →

```

[SYN] Seq=536474754 Win=64240 Len=0 MSS=1460 SACK_PERM=1 TSval=1209829505 TSecr=0 WS=128
Frame 9: 74 bytes on wire (592 bits), 74 bytes captured (592 bits) on interface enp0s3, id 0
Ethernet II, Src: PcsCompu_35:b3:59 (08:00:27:35:b3:59), Dst: RealtekU_12:35:00 (52:54:00:12:35:00)
Internet Protocol Version 4, Src: 10.0.2.4, Dst: 35.232.111.17

```

```

0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 60
Identification: 0x324d (12877)
Flags: 0x4000, Don't fragment
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x6972 [validation disabled]
[Header checksum status: Unverified]
Source: 10.0.2.4
Destination: 35.232.111.17

```

Transmission Control Protocol, Src Port: 48014, Dst Port: 80, Seq: 536474754, Len: 0

No.	Time	Source	Destination	Protocol	Length	Info
48014	2021-02-17 09:36:09.116031655	35.232.111.17	10.0.2.4	TCP	60	80 →

```

[SYN, ACK] Seq=241267 Ack=536474755 Win=32768 Len=0 MSS=1460
Frame 10: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface enp0s3, id 0
Ethernet II, Src: RealtekU_12:35:00 (52:54:00:12:35:00), Dst: PcsCompu_35:b3:59 (08:00:27:35:b3:59)
Internet Protocol Version 4, Src: 35.232.111.17, Dst: 10.0.2.4

```

```

0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 44
Identification: 0x6328 (25384)
Flags: 0x0000
Fragment offset: 0
Time to live: 255
Protocol: TCP (6)
Header checksum: 0xb9a6 [validation disabled]
[Header checksum status: Unverified]
Source: 35.232.111.17
Destination: 10.0.2.4

```

Transmission Control Protocol, Src Port: 80, Dst Port: 48014, Seq: 241267, Ack: 536474755, Len: 0

No.	Time	Source	Destination	Protocol	Length	Info
80	2021-02-17 09:36:09.118930110	10.0.2.4	35.232.111.17	TCP	60	48014 →

```

[ACK] Seq=536474755 Ack=241268 Win=64240 Len=0
Frame 11: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface enp0s3, id 0
Ethernet II, Src: PcsCompu_35:b3:59 (08:00:27:35:b3:59), Dst: RealtekU_12:35:00 (52:54:00:12:35:00)
Internet Protocol Version 4, Src: 10.0.2.4, Dst: 35.232.111.17

```

```

0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 40
Identification: 0x324e (12878)
Flags: 0x4000, Don't fragment
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x6985 [validation disabled]
[Header checksum status: Unverified]
Source: 10.0.2.4
Destination: 35.232.111.17

```

Transmission Control Protocol, Src Port: 48014, Dst Port: 80, Seq: 536474755, Ack: 241268, Len: 0

No.	Time	Source	Destination	Protocol	Length	Info
12	2021-02-17 09:36:09.120488363	10.0.2.4	35.232.111.17	HTTP	141	GET /

```

HTTP/1.1
Frame 12: 141 bytes on wire (1128 bits), 141 bytes captured (1128 bits) on interface enp0s3, id 0
Ethernet II, Src: PcsCompu_35:b3:59 (08:00:27:35:b3:59), Dst: RealtekU_12:35:00 (52:54:00:12:35:00)
Internet Protocol Version 4, Src: 10.0.2.4, Dst: 35.232.111.17

```

```

0100 .... = Version: 4

```

```
.... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 127
Identification: 0x324f (12879)
Flags: 0x4000, Don't fragment
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x692d [validation disabled]
[Header checksum status: Unverified]
Source: 10.0.2.4
Destination: 35.232.111.17
Transmission Control Protocol, Src Port: 48014, Dst Port: 80, Seq: 536474755, Ack: 241268, Len: 87
Hypertext Transfer Protocol
No.      Time                               Source                               Destination                         Protocol Length Info
    13 2021-02-17 09:36:09.198005935 35.232.111.17                       10.0.2.4                           TCP          60      80 →
48014 [ACK] Seq=241268 Ack=536474842 Win=32681 Len=0
Frame 13: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface enp0s3, id 0
Ethernet II, Src: RealtekU_12:35:00 (52:54:00:12:35:00), Dst: PcsCompu_35:b3:59 (08:00:27:35:b3:59)
Internet Protocol Version 4, Src: 35.232.111.17, Dst: 10.0.2.4
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 40
  Identification: 0x6329 (25385)
  Flags: 0x0000
  Fragment offset: 0
  Time to live: 255
  Protocol: TCP (6)
  Header checksum: 0xb9a9 [validation disabled]
  [Header checksum status: Unverified]
  Source: 35.232.111.17
  Destination: 10.0.2.4
Transmission Control Protocol, Src Port: 80, Dst Port: 48014, Seq: 241268, Ack: 536474842, Len: 0
No.      Time                               Source                               Destination                         Protocol Length Info
    14 2021-02-17 09:36:09.306083959 35.232.111.17                       10.0.2.4                           HTTP         202      HTTP/1.1
204 No Content
Frame 14: 202 bytes on wire (1616 bits), 202 bytes captured (1616 bits) on interface enp0s3, id 0
Ethernet II, Src: RealtekU_12:35:00 (52:54:00:12:35:00), Dst: PcsCompu_35:b3:59 (08:00:27:35:b3:59)
Internet Protocol Version 4, Src: 35.232.111.17, Dst: 10.0.2.4
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 188
  Identification: 0x632a (25386)
  Flags: 0x0000
  Fragment offset: 0
  Time to live: 255
  Protocol: TCP (6)
  Header checksum: 0xb914 [validation disabled]
  [Header checksum status: Unverified]
  Source: 35.232.111.17
  Destination: 10.0.2.4
Transmission Control Protocol, Src Port: 80, Dst Port: 48014, Seq: 241268, Ack: 536474842, Len: 148
Hypertext Transfer Protocol
No.      Time                               Source                               Destination                         Protocol Length Info
    15 2021-02-17 09:36:09.306084880 35.232.111.17                       10.0.2.4                           TCP          60      80 →
48014 [FIN, ACK] Seq=241416 Ack=536474842 Win=32681 Len=0
Frame 15: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface enp0s3, id 0
Ethernet II, Src: RealtekU_12:35:00 (52:54:00:12:35:00), Dst: PcsCompu_35:b3:59 (08:00:27:35:b3:59)
Internet Protocol Version 4, Src: 35.232.111.17, Dst: 10.0.2.4
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
  Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 40
  Identification: 0x632b (25387)
  Flags: 0x0000
  Fragment offset: 0
  Time to live: 255
  Protocol: TCP (6)
  Header checksum: 0xb9a7 [validation disabled]
  [Header checksum status: Unverified]
  Source: 35.232.111.17
  Destination: 10.0.2.4
Transmission Control Protocol, Src Port: 80, Dst Port: 48014, Seq: 241416, Ack: 536474842, Len: 0
No.      Time                               Source                               Destination                         Protocol Length Info
```

```
16 2021-02-17 09:36:09.306600164 10.0.2.4          35.232.111.17      TCP      60      48014 →
80 [ACK] Seq=536474842 Ack=241416 Win=64092 Len=0
Frame 16: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface enp0s3, id 0
Ethernet II, Src: PcsCompu_35:b3:59 (08:00:27:35:b3:59), Dst: RealtekU_12:35:00 (52:54:00:12:35:00)
Internet Protocol Version 4, Src: 10.0.2.4, Dst: 35.232.111.17
 0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 40
Identification: 0x3250 (12880)
Flags: 0x4000, Don't fragment
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x6983 [validation disabled]
[Header checksum status: Unverified]
Source: 10.0.2.4
Destination: 35.232.111.17
Transmission Control Protocol, Src Port: 48014, Dst Port: 80, Seq: 536474842, Ack: 241416, Len: 0
No.      Time                               Source          Destination      Protocol Length Info
 17 2021-02-17 09:36:09.307139315 10.0.2.4        35.232.111.17    TCP      60      48014 →
80 [FIN, ACK] Seq=536474842 Ack=241417 Win=64091 Len=0
Frame 17: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface enp0s3, id 0
Ethernet II, Src: PcsCompu_35:b3:59 (08:00:27:35:b3:59), Dst: RealtekU_12:35:00 (52:54:00:12:35:00)
Internet Protocol Version 4, Src: 10.0.2.4, Dst: 35.232.111.17
 0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 40
Identification: 0x3251 (12881)
Flags: 0x4000, Don't fragment
Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x6982 [validation disabled]
[Header checksum status: Unverified]
Source: 10.0.2.4
Destination: 35.232.111.17
Transmission Control Protocol, Src Port: 48014, Dst Port: 80, Seq: 536474842, Ack: 241417, Len: 0
No.      Time                               Source          Destination      Protocol Length Info
 18 2021-02-17 09:36:09.307442907 35.232.111.17   10.0.2.4        TCP      60      80 →
48014 [ACK] Seq=241417 Ack=536474843 Win=32680 Len=0
Frame 18: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface enp0s3, id 0
Ethernet II, Src: RealtekU_12:35:00 (52:54:00:12:35:00), Dst: PcsCompu_35:b3:59 (08:00:27:35:b3:59)
Internet Protocol Version 4, Src: 35.232.111.17, Dst: 10.0.2.4
 0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes (5)
Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
Total Length: 40
Identification: 0x632c (25388)
Flags: 0x0000
Fragment offset: 0
Time to live: 255
Protocol: TCP (6)
Header checksum: 0xb9a6 [validation disabled]
[Header checksum status: Unverified]
Source: 35.232.111.17
Destination: 10.0.2.4
Transmission Control Protocol, Src Port: 80, Dst Port: 48014, Seq: 241417, Ack: 536474843, Len: 0
```