

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000	192.168.1.10	192.168.1.100	TCP	60	43811 → 5000 [FIN, ACK] Seq=1 Ack=1 Win=29200 Len=0

Frame 1: 60 bytes on wire (480 bits), 60 bytes captured (480 bits) on interface 0  
 Interface id: 0 (\Device\NPF\_{0DE2162E-7B89-46D7-B32C-384B6AC0C00F})  
 Interface name: \Device\NPF\_{0DE2162E-7B89-46D7-B32C-384B6AC0C00F}  
 Interface description: Ethernet  
 Encapsulation type: Ethernet (1)  
 Arrival Time: Sep 26, 2019 09:08:04.197852000 Eastern Daylight Time  
 [Time shift for this packet: 0.000000000 seconds]  
 Epoch Time: 1569503284.197852000 seconds  
 [Time delta from previous captured frame: 0.000000000 seconds]  
 [Time delta from previous displayed frame: 0.000000000 seconds]  
 [Time since reference or first frame: 0.000000000 seconds]  
 Frame Number: 1  
 Frame Length: 60 bytes (480 bits)  
 Capture Length: 60 bytes (480 bits)  
 [Frame is marked: False]  
 [Frame is ignored: False]  
 [Protocols in frame: eth:ethertype:ip:tcp]  
 [Coloring Rule Name: TCP SYN/FIN]  
 [Coloring Rule String: tcp.flags & 0x02 || tcp.flags.fin == 1]

Ethernet II, Src: PhoenixC\_a5:cb:d9 (00:a0:45:a5:cb:d9), Dst: Microchi\_f6:7f:92 (54:10:ec:f6:7f:92)  
 Destination: Microchi\_f6:7f:92 (54:10:ec:f6:7f:92)  
 [Destination (resolved): Microchi\_f6:7f:92]  
 Address: Microchi\_f6:7f:92 (54:10:ec:f6:7f:92)  
 [Address (resolved): Microchi\_f6:7f:92]  
 .... 0. .... = LG bit: Globally unique address (factory default)  
 .... 0. .... = IG bit: Individual address (unicast)  
 Source: PhoenixC\_a5:cb:d9 (00:a0:45:a5:cb:d9)  
 [Source (resolved): PhoenixC\_a5:cb:d9]  
 Address: PhoenixC\_a5:cb:d9 (00:a0:45:a5:cb:d9)  
 [Address (resolved): PhoenixC\_a5:cb:d9]  
 .... 0. .... = LG bit: Globally unique address (factory default)  
 .... 0. .... = IG bit: Individual address (unicast)  
 Type: IPv4 (0x0800)  
 Padding: 00 00 00 00 00 00

Internet Protocol Version 4, Src: 192.168.1.10, Dst: 192.168.1.100  
 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: 40  
 Identification: 0x3eb3 (16051)  
 Flags: 0x4000, Don't fragment  
 0... .... = Reserved bit: Not set  
 .1. .... = Don't fragment: Set  
 ..0. .... = More fragments: Not set  
 ...0 0000 0000 0000 = Fragment offset: 0  
 Time to live: 64  
 Protocol: TCP (6)  
 Header checksum: 0x785e [validation disabled]  
 [Header checksum status: Unverified]  
 Source: 192.168.1.10  
 Source or Destination Address: 192.168.1.10  
 [Source Host: 192.168.1.10]  
 [Source or Destination Host: 192.168.1.10]  
 Destination: 192.168.1.100  
 Source or Destination Address: 192.168.1.100  
 [Destination Host: 192.168.1.100]  
 [Source or Destination Host: 192.168.1.100]

Transmission Control Protocol, Src Port: 43811, Dst Port: 5000, Seq: 1, Ack: 1, Len: 0  
 Source Port: 43811  
 Destination Port: 5000  
 Source or Destination Port: 43811  
 Source or Destination Port: 5000  
 [Stream index: 0]  
 [TCP Segment Len: 0]  
 Sequence number: 1 (relative sequence number)  
 [Next sequence number: 1 (relative sequence number)]  
 Acknowledgment number: 1 (relative ack number)  
 0101 .... = Header Length: 20 bytes (5)  
 Flags: 0x011 (FIN, ACK)  
 000. .... = Reserved: Not set  
 ...0 .... = Nonce: Not set  
 .... 0... = Congestion Window Reduced (CWR): Not set  
 .... .0.. = ECN-Echo: Not set  
 .... ..0. = Urgent: Not set  
 .... ...1 = Acknowledgment: Set  
 .... .... 0... = Push: Not set

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.... .... .0.. = Reset: Not set
.... .... ..0. = Syn: Not set
.... .... ...1 = Fin: Set
    [Expert Info (Chat/Sequence): Connection finish (FIN)]
        [Connection finish (FIN)]
        Message: Connection finish (FIN)
        [Severity level: Chat]
        [Group: Sequence]
    [TCP Flags: .....A...F]
Window size value: 29200
[Calculated window size: 29200]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x054b [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
[Timestamps]
    [Time since first frame in this TCP stream: 0.00000000 seconds]
    [Time since previous frame in this TCP stream: 0.00000000 seconds]
No.    Time          Source           Destination      Protocol Length Info
   2 544.500245    192.168.1.10    192.168.1.100    TCP        66      35173 → 5000 [SYN] Seq=0 Win=29200 Len=0 MSS=1460
SACK_PERM=1 WS=64
Frame 2: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0
Interface id: 0 (\Device\NPF_{0DE2162E-7B89-46D7-B32C-384B6AC0C00F})
Interface name: \Device\NPF_{0DE2162E-7B89-46D7-B32C-384B6AC0C00F}
Interface description: Ethernet
Encapsulation type: Ethernet (1)
Arrival Time: Sep 26, 2019 09:17:08.698097000 Eastern Daylight Time
[Time shift for this packet: 0.00000000 seconds]
Epoch Time: 1569503828.698097000 seconds
[Time delta from previous captured frame: 544.500245000 seconds]
[Time delta from previous displayed frame: 544.500245000 seconds]
[Time since reference or first frame: 544.500245000 seconds]
Frame Number: 2
Frame Length: 66 bytes (528 bits)
Capture Length: 66 bytes (528 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ip:tcp]
[Coloring Rule Name: TCP SYN/FIN]
[Coloring Rule String: tcp.flags & 0x02 || tcp.flags.fin == 1]
Ethernet II, Src: PhoenixC_a5:cb:d9 (00:a0:45:a5:cb:d9), Dst: Microchi_f6:7f:92 (54:10:ec:f6:7f:92)
Destination: Microchi_f6:7f:92 (54:10:ec:f6:7f:92)
    [Destination (resolved): Microchi_f6:7f:92]
    Address: Microchi_f6:7f:92 (54:10:ec:f6:7f:92)
    [Address (resolved): Microchi_f6:7f:92]
    .... ..0. .... .. = LG bit: Globally unique address (factory default)
    .... ..0 .... .. = IG bit: Individual address (unicast)
Source: PhoenixC_a5:cb:d9 (00:a0:45:a5:cb:d9)
    [Source (resolved): PhoenixC_a5:cb:d9]
    Address: PhoenixC_a5:cb:d9 (00:a0:45:a5:cb:d9)
    [Address (resolved): PhoenixC_a5:cb:d9]
    .... ..0. .... .. = LG bit: Globally unique address (factory default)
    .... ..0 .... .. = IG bit: Individual address (unicast)
Type: IPv4 (0x0800)
Internet Protocol Version 4, Src: 192.168.1.10, Dst: 192.168.1.100
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: 52
Identification: 0x5cd5 (23765)
Flags: 0x4000, Don't fragment
    0... .... .. = Reserved bit: Not set
    .1. .... .... = Don't fragment: Set
    ..0. .... .... = More fragments: Not set
    ...0 0000 0000 0000 = Fragment offset: 0
Time to live: 64
Protocol: TCP (6)
Header checksum: 0x5a30 [validation disabled]
[Header checksum status: Unverified]
Source: 192.168.1.10
Source or Destination Address: 192.168.1.10
[Source Host: 192.168.1.10]
[Source or Destination Host: 192.168.1.10]
Destination: 192.168.1.100
Source or Destination Address: 192.168.1.100
[Destination Host: 192.168.1.100]
[Source or Destination Host: 192.168.1.100]
Transmission Control Protocol, Src Port: 35173, Dst Port: 5000, Seq: 0, Len: 0

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Source Port: 35173
Destination Port: 5000
Source or Destination Port: 35173
Source or Destination Port: 5000
[Stream index: 1]
[TCP Segment Len: 0]
Sequence number: 0 (relative sequence number)
[Next sequence number: 0 (relative sequence number)]
Acknowledgment number: 0
1000 .... = Header Length: 32 bytes (8)
Flags: 0x002 (SYN)
  000. .... = Reserved: Not set
  ...0 .... = Nonce: Not set
  ... 0... = Congestion Window Reduced (CWR): Not set
  .... .0.. = ECN-Echo: Not set
  .... ..0. = Urgent: Not set
  .... ...0 = Acknowledgment: Not set
  .... .... 0... = Push: Not set
  .... .... .0.. = Reset: Not set
  .... .... ..1. = Syn: Set
  [Expert Info (Chat/Sequence): Connection establish request (SYN): server port 5000]
  [Connection establish request (SYN): server port 5000]
  Message: Connection establish request (SYN): server port 5000
  [Severity level: Chat]
  [Group: Sequence]
  .... .... ...0 = Fin: Not set
  [TCP Flags: .....S.]
Window size value: 29200
[Calculated window size: 29200]
Checksum: 0x50de [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), Maximum segment size, No-Operation (NOP), No-Operation (NOP), SACK permitted, No-Operation (NOP), Window scale
  TCP Option - Maximum segment size: 1460 bytes
  Kind: Maximum Segment Size (2)
  Length: 4
  MSS Value: 1460
  TCP Option - No-Operation (NOP)
  Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
  Kind: No-Operation (1)
  TCP Option - SACK permitted
  Kind: SACK Permitted (4)
  Length: 2
  TCP Option - No-Operation (NOP)
  Kind: No-Operation (1)
  TCP Option - Window scale: 6 (multiply by 64)
  Kind: Window Scale (3)
  Length: 3
  Shift count: 6
  [Multiplier: 64]
[Timestamps]
  [Time since first frame in this TCP stream: 0.00000000 seconds]
  [Time since previous frame in this TCP stream: 0.00000000 seconds]
TRANSUM RTE Data
[RTE Status: Response missing]
[Req First Seg: 2]
[Req Last Seg: 2]
[Req Spread: 0.00000000 seconds]
[Trace clip filter: tcp.stream==1 && frame.number>=2 && frame.number<=2]
[Calculation: SYN and SYN/ACK]
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