

/tmp/wireshark\_2\_interfaces\_20221223124442\_8xUbTZ.pcapng 7572 total packets, 94 shown

No.	Time	Source	Destination	Protocol	Length	Info
2036	109.782957063	::1	::1	TCP	98	12021 → 39225 [PSH, ACK] Seq=1

Ack=1 Win=512 Len=12 TSval=2651407979 TSecr=2651161121  
Frame 2036: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface 1  
Interface id: 1 (lo)  
Interface name: lo  
Encapsulation type: Ethernet (1)  
Arrival Time: Dec 23, 2022 12:46:33.777722083 EST  
[Time shift for this packet: 0.000000000 seconds]  
Epoch Time: 1671817593.777722083 seconds  
[Time delta from previous captured frame: 0.138288964 seconds]  
[Time delta from previous displayed frame: 0.000000000 seconds]  
[Time since reference or first frame: 109.782957063 seconds]  
Frame Number: 2036  
Frame Length: 98 bytes (784 bits)  
Capture Length: 98 bytes (784 bits)  
[Frame is marked: False]  
[Frame is ignored: False]  
[Protocols in frame: eth:ethertype:ipv6:tcp:data]  
[Coloring Rule Name: TCP]  
[Coloring Rule String: tcp]  
Ethernet II, Src: 00:00:00\_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00\_00:00:00 (00:00:00:00:00:00)  
Destination: 00:00:00\_00:00:00 (00:00:00:00:00:00)  
Address: 00:00:00\_00:00:00 (00:00:00:00:00:00)  
.... 0. .... = LG bit: Globally unique address (factory default)  
.... 0. .... = IG bit: Individual address (unicast)  
Source: 00:00:00\_00:00:00 (00:00:00:00:00:00)  
Address: 00:00:00\_00:00:00 (00:00:00:00:00:00)  
.... 0. .... = LG bit: Globally unique address (factory default)  
.... 0. .... = IG bit: Individual address (unicast)  
Type: IPv6 (0x86dd)  
Internet Protocol Version 6, Src: ::1, Dst: ::1  
0110 .... = Version: 6  
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)  
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)  
.... .... 000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
.... .... 0000 0111 0100 0000 1011 = Flow Label: 0x0740b  
Payload Length: 44  
Next Header: TCP (6)  
Hop Limit: 64  
Source: ::1  
Destination: ::1  
Transmission Control Protocol, Src Port: 12021, Dst Port: 39225, Seq: 1, Ack: 1, Len: 12  
Source Port: 12021  
Destination Port: 39225  
[Stream index: 49]  
[TCP Segment Len: 12]  
Sequence number: 1 (relative sequence number)  
[Next sequence number: 13 (relative sequence number)]  
Acknowledgment number: 1 (relative ack number)  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, 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  
.... .... 1... = Push: Set  
.... .... .0.. = Reset: Not set  
.... .... ..0. = Syn: Not set  
.... .... ...0 = Fin: Not set  
[TCP Flags: .....AP...]  
Window size value: 512

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[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0034 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651407979, TSecr 2651161121
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651407979
    Timestamp echo reply: 2651161121
[SEQ/ACK analysis]
  [Bytes in flight: 12]
  [Bytes sent since last PSH flag: 12]
[Timestamps]
  [Time since first frame in this TCP stream: 0.000000000 seconds]
  [Time since previous frame in this TCP stream: 0.000000000 seconds]
TCP payload (12 bytes)
Data (12 bytes)
0000 3a 58 31 39 34 39 30 37 38 31 4e 3b          :X19490781N;
Data: 3a5831393439303738314e3b
[Length: 12]
No.      Time                Source                Destination            Protocol Length Info
2037 109.782977720      ::1                  ::1                    TCP                    86      39225 → 12021 [ACK] Seq=1 Ack=13
Win=512 Len=0 TSval=2651407979 TSecr=2651407979
Frame 2037: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:46:33.777742740 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817593.777742740 seconds
  [Time delta from previous captured frame: 0.000020657 seconds]
  [Time delta from previous displayed frame: 0.000020657 seconds]
  [Time since reference or first frame: 109.782977720 seconds]
  Frame Number: 2037
  Frame Length: 86 bytes (688 bits)
  Capture Length: 86 bytes (688 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ipv6:tcp]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
.... ....00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... 1001 0100 1000 0101 0001 = Flow Label: 0x94851
Payload Length: 32
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Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 39225, Dst Port: 12021, Seq: 1, Ack: 13, Len: 0
Source Port: 39225
Destination Port: 12021
[Stream index: 49]
[TCP Segment Len: 0]
Sequence number: 1 (relative sequence number)
[Next sequence number: 1 (relative sequence number)]
Acknowledgment number: 13 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (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
  .... .... .0.. = Reset: Not set
  .... .... ..0. = Syn: Not set
  .... .... ...0 = Fin: Not set
[TCP Flags: .....A....]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651407979, TSecr 2651407979
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651407979
    Timestamp echo reply: 2651407979
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 2036]
  [The RTT to ACK the segment was: 0.000020657 seconds]
[Timestamps]
  [Time since first frame in this TCP stream: 0.000020657 seconds]
  [Time since previous frame in this TCP stream: 0.000020657 seconds]
No.      Time                Source                Destination                Protocol Length Info
 2038 109.783013555  ::1                  ::1                        TCP                        87      12021 → 39225 [PSH, ACK] Seq=13
Ack=1 Win=512 Len=1 TSval=2651407979 TSecr=2651407979
Frame 2038: 87 bytes on wire (696 bits), 87 bytes captured (696 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:46:33.777778575 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817593.777778575 seconds
  [Time delta from previous captured frame: 0.000035835 seconds]
  [Time delta from previous displayed frame: 0.000035835 seconds]
  [Time since reference or first frame: 109.783013555 seconds]
  Frame Number: 2038
  Frame Length: 87 bytes (696 bits)
  Capture Length: 87 bytes (696 bits)
  [Frame is marked: False]
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[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp:data]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... 0. .... = LG bit: Globally unique address (factory default)
      .... 0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... 0. .... = LG bit: Globally unique address (factory default)
      .... 0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
    .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
    .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... 0000 0111 0100 0000 1011 = Flow Label: 0x0740b
  Payload Length: 33
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 39225, Seq: 13, Ack: 1, Len: 1
  Source Port: 12021
  Destination Port: 39225
  [Stream index: 49]
  [TCP Segment Len: 1]
  Sequence number: 13 (relative sequence number)
  [Next sequence number: 14 (relative sequence number)]
  Acknowledgment number: 1 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, 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
    .... .... 1... = Push: Set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
  [TCP Flags: .....AP...]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0029 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651407979, TSecr 2651407979
      Kind: Time Stamp Option (8)
      Length: 10
      Timestamp value: 2651407979
      Timestamp echo reply: 2651407979
  [SEQ/ACK analysis]
  [Bytes in flight: 1]
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[Bytes sent since last PSH flag: 1]
[Timestamps]
[Time since first frame in this TCP stream: 0.000056492 seconds]
[Time since previous frame in this TCP stream: 0.000035835 seconds]
TCP payload (1 byte)
Data (1 byte)
0000 0a
Data: 0a
[Length: 1]
No.      Time                Source                Destination            Protocol Length Info
2039 109.783018770  ::1                  ::1                    TCP                    86      39225 → 12021 [ACK] Seq=1 Ack=14
Win=512 Len=0 TSval=2651407979 TSecr=2651407979
Frame 2039: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
Interface id: 1 (lo)
Interface name: lo
Encapsulation type: Ethernet (1)
Arrival Time: Dec 23, 2022 12:46:33.777783790 EST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1671817593.777783790 seconds
[Time delta from previous captured frame: 0.000005215 seconds]
[Time delta from previous displayed frame: 0.000005215 seconds]
[Time since reference or first frame: 109.783018770 seconds]
Frame Number: 2039
Frame Length: 86 bytes (688 bits)
Capture Length: 86 bytes (688 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... 0. .... = LG bit: Globally unique address (factory default)
.... 0. .... = IG bit: Individual address (unicast)
Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... 0. .... = LG bit: Globally unique address (factory default)
.... 0. .... = IG bit: Individual address (unicast)
Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00. .... = Differentiated Services Codepoint: Default (0)
.... .... 00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... 1001 0100 1000 0101 0001 = Flow Label: 0x94851
Payload Length: 32
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 39225, Dst Port: 12021, Seq: 1, Ack: 14, Len: 0
Source Port: 39225
Destination Port: 12021
[Stream index: 49]
[TCP Segment Len: 0]
Sequence number: 1 (relative sequence number)
[Next sequence number: 1 (relative sequence number)]
Acknowledgment number: 14 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (ACK)
000. .... = Reserved: Not set
...0 .... = Nonce: Not set
.... 0... = Congestion Window Reduced (CWR): Not set
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    .... 0... = ECN-Echo: Not set
    .... ..0. = Urgent: Not set
    .... ...1 = Acknowledgment: Set
    .... .... 0... = Push: Not set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
    [TCP Flags: .....A....]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651407979, TSecr 2651407979
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651407979
        Timestamp echo reply: 2651407979
[SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 2038]
    [The RTT to ACK the segment was: 0.000005215 seconds]
[Timestamps]
    [Time since first frame in this TCP stream: 0.000061707 seconds]
    [Time since previous frame in this TCP stream: 0.000005215 seconds]
No.      Time      Source      Destination      Protocol Length Info
 2040 109.783041102 :::1      :::1      TCP      98      12021 → 45655 [PSH, ACK] Seq=1
Ack=1 Win=512 Len=12 TSval=2651407979 TSecr=2651161121
Frame 2040: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface 1
    Interface id: 1 (lo)
        Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:46:33.777806122 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817593.777806122 seconds
    [Time delta from previous captured frame: 0.000022332 seconds]
    [Time delta from previous displayed frame: 0.000022332 seconds]
    [Time since reference or first frame: 109.783041102 seconds]
    Frame Number: 2040
    Frame Length: 98 bytes (784 bits)
    Capture Length: 98 bytes (784 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        .... ..0. .... = LG bit: Globally unique address (factory default)
        .... ...0 .... = IG bit: Individual address (unicast)
    Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        .... ..0. .... = LG bit: Globally unique address (factory default)
        .... ...0 .... = IG bit: Individual address (unicast)
    Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
    0110 .... = Version: 6
    .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
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    .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
    .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
Payload Length: 44
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 1, Ack: 1, Len: 12
Source Port: 12021
Destination Port: 45655
[Stream index: 50]
[TCP Segment Len: 12]
Sequence number: 1 (relative sequence number)
[Next sequence number: 13 (relative sequence number)]
Acknowledgment number: 1 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
    .... .... 1... = Push: Set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
    [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0034 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651407979, TSecr 2651161121
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651407979
        Timestamp echo reply: 2651161121
[SEQ/ACK analysis]
    [Bytes in flight: 12]
    [Bytes sent since last PSH flag: 12]
[Timestamps]
    [Time since first frame in this TCP stream: 0.000000000 seconds]
    [Time since previous frame in this TCP stream: 0.000000000 seconds]
TCP payload (12 bytes)
Data (12 bytes)
0000 3a 58 31 39 34 39 30 37 38 31 4e 3b :X19490781N;
Data: 3a5831393439303738314e3b
[Length: 12]
No.      Time                Source                Destination          Protocol Length Info
  2041 109.783049197      ::1                  ::1                  TCP                  86      45655 → 12021 [ACK] Seq=1 Ack=13
Win=512 Len=0 TSval=2651407979 TSecr=2651407979
Frame 2041: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
Interface id: 1 (lo)
Interface name: lo
Encapsulation type: Ethernet (1)
Arrival Time: Dec 23, 2022 12:46:33.777814217 EST
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[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1671817593.777814217 seconds
[Time delta from previous captured frame: 0.000008095 seconds]
[Time delta from previous displayed frame: 0.000008095 seconds]
[Time since reference or first frame: 109.783049197 seconds]
Frame Number: 2041
Frame Length: 86 bytes (688 bits)
Capture Length: 86 bytes (688 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... ..0. .... = LG bit: Globally unique address (factory default)
.... ...0 .... = IG bit: Individual address (unicast)
Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... ..0. .... = LG bit: Globally unique address (factory default)
.... ...0 .... = IG bit: Individual address (unicast)
Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
.... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... 0001 1101 0011 1011 0011 = Flow Label: 0x1d3b3
Payload Length: 32
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 1, Ack: 13, Len: 0
Source Port: 45655
Destination Port: 12021
[Stream index: 50]
[TCP Segment Len: 0]
Sequence number: 1 (relative sequence number)
[Next sequence number: 1 (relative sequence number)]
Acknowledgment number: 13 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (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
.... .... .0.. = Reset: Not set
.... .... ..0. = Syn: Not set
.... .... ...0 = Fin: Not set
[TCP Flags: .....A....]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
TCP Option - No-Operation (NOP)
Kind: No-Operation (1)
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TCP Option - No-Operation (NOP)
  Kind: No-Operation (1)
TCP Option - Timestamps: TSval 2651407979, TSecr 2651407979
  Kind: Time Stamp Option (8)
  Length: 10
  Timestamp value: 2651407979
  Timestamp echo reply: 2651407979
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 2040]
  [The RTT to ACK the segment was: 0.000008095 seconds]
[Timestamps]
  [Time since first frame in this TCP stream: 0.000008095 seconds]
  [Time since previous frame in this TCP stream: 0.000008095 seconds]
No.      Time            Source            Destination            Protocol Length Info
 2042 109.783068452  ::1              ::1                    TCP                87      12021 → 45655 [PSH, ACK] Seq=13
Ack=1 Win=512 Len=1 TSval=2651407979 TSecr=2651407979
Frame 2042: 87 bytes on wire (696 bits), 87 bytes captured (696 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:46:33.777833472 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817593.777833472 seconds
    [Time delta from previous captured frame: 0.000019255 seconds]
    [Time delta from previous displayed frame: 0.000019255 seconds]
    [Time since reference or first frame: 109.783068452 seconds]
    Frame Number: 2042
    Frame Length: 87 bytes (696 bits)
    Capture Length: 87 bytes (696 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
  Payload Length: 33
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 13, Ack: 1, Len: 1
  Source Port: 12021
  Destination Port: 45655
  [Stream index: 50]
  [TCP Segment Len: 1]
  Sequence number: 13 (relative sequence number)
  [Next sequence number: 14 (relative sequence number)]
  Acknowledgment number: 1 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
```

```
Flags: 0x018 (PSH, 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
.... .... 1... = Push: Set
.... .... .0.. = Reset: Not set
.... .... ..0. = Syn: Not set
.... .... ...0 = Fin: Not set
[TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0029 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651407979, TSecr 2651407979
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651407979
    Timestamp echo reply: 2651407979
[SEQ/ACK analysis]
  [Bytes in flight: 1]
  [Bytes sent since last PSH flag: 1]
[Timestamps]
  [Time since first frame in this TCP stream: 0.000027350 seconds]
  [Time since previous frame in this TCP stream: 0.000019255 seconds]
TCP payload (1 byte)
Data (1 byte)
0000 0a
Data: 0a
[Length: 1]
No.      Time                Source                Destination          Protocol Length Info
  2043 109.783071917  ::1                  ::1                  TCP                86      45655 → 12021 [ACK] Seq=1 Ack=14
Win=512 Len=0 TSval=2651407979 TSecr=2651407979
Frame 2043: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:46:33.777836937 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817593.777836937 seconds
  [Time delta from previous captured frame: 0.000003465 seconds]
  [Time delta from previous displayed frame: 0.000003465 seconds]
  [Time since reference or first frame: 109.783071917 seconds]
  Frame Number: 2043
  Frame Length: 86 bytes (688 bits)
  Capture Length: 86 bytes (688 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ipv6:tcp]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
  ....0. .... = LG bit: Globally unique address (factory default)
```

```

    ....0 .... = IG bit: Individual address (unicast)
Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
    ....0. .... = LG bit: Globally unique address (factory default)
    ....0 .... = IG bit: Individual address (unicast)
Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
.... .... 000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... 0001 1101 0011 1011 0011 = Flow Label: 0x1d3b3
Payload Length: 32
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 1, Ack: 14, Len: 0
Source Port: 45655
Destination Port: 12021
[Stream index: 50]
[TCP Segment Len: 0]
Sequence number: 1 (relative sequence number)
[Next sequence number: 1 (relative sequence number)]
Acknowledgment number: 14 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (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
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
    [TCP Flags: .....A....]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651407979, TSecr 2651407979
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651407979
        Timestamp echo reply: 2651407979
[SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 2042]
    [The RTT to ACK the segment was: 0.000003465 seconds]
[Timestamps]
    [Time since first frame in this TCP stream: 0.000030815 seconds]
    [Time since previous frame in this TCP stream: 0.000003465 seconds]
No.      Time      Source      Destination      Protocol Length Info
2044 109.785718478  ::1        ::1              TCP              110      12021 → 39225 [PSH, ACK] Seq=14
Ack=1 Win=512 Len=24 TSval=2651407981 TSecr=2651407979
Frame 2044: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface 1
```

```
Interface id: 1 (lo)
  Interface name: lo
Encapsulation type: Ethernet (1)
Arrival Time: Dec 23, 2022 12:46:33.780483498 EST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1671817593.780483498 seconds
[Time delta from previous captured frame: 0.002646561 seconds]
[Time delta from previous displayed frame: 0.002646561 seconds]
[Time since reference or first frame: 109.785718478 seconds]
Frame Number: 2044
Frame Length: 110 bytes (880 bits)
Capture Length: 110 bytes (880 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp:data]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ..0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ..0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 0000 0111 0100 0000 1011 = Flow Label: 0x0740b
Payload Length: 56
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 39225, Seq: 14, Ack: 1, Len: 24
  Source Port: 12021
  Destination Port: 39225
  [Stream index: 49]
  [TCP Segment Len: 24]
  Sequence number: 14 (relative sequence number)
  [Next sequence number: 38 (relative sequence number)]
  Acknowledgment number: 1 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, 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
    .... .... 1... = Push: Set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
  [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0040 [unverified]
[Checksum Status: Unverified]
```

```
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651407981, TSecr 2651407979
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651407981
    Timestamp echo reply: 2651407979
[SEQ/ACK analysis]
  [Bytes in flight: 24]
  [Bytes sent since last PSH flag: 24]
[Timestamps]
  [Time since first frame in this TCP stream: 0.002761415 seconds]
  [Time since previous frame in this TCP stream: 0.002699708 seconds]
TCP payload (24 bytes)
Data (24 bytes)
0000  3a 58 31 39 31 37 30 37 38 31 4e 30 32 30 31 31    :X19170781N02011
0010  32 46 45 35 32 36 42 3b                          2FE526B;
Data: 3a5831393137303738314e3032303131324645353236423b
[Length: 24]
No.      Time                Source                Destination          Protocol Length Info
  2045  109.785731870  ::1                  ::1                  TCP                  86      39225 → 12021 [ACK] Seq=1 Ack=38
Win=512 Len=0 TSval=2651407981 TSecr=2651407981
Frame 2045: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:46:33.780496890 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817593.780496890 seconds
  [Time delta from previous captured frame: 0.000013392 seconds]
  [Time delta from previous displayed frame: 0.000013392 seconds]
  [Time since reference or first frame: 109.785731870 seconds]
  Frame Number: 2045
  Frame Length: 86 bytes (688 bits)
  Capture Length: 86 bytes (688 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ipv6:tcp]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0. .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0. .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... .00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 1001 0100 1000 0101 0001 = Flow Label: 0x94851
  Payload Length: 32
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
```

Destination: ::1  
Transmission Control Protocol, Src Port: 39225, Dst Port: 12021, Seq: 1, Ack: 38, Len: 0  
Source Port: 39225  
Destination Port: 12021  
[Stream index: 49]  
[TCP Segment Len: 0]  
Sequence number: 1 (relative sequence number)  
[Next sequence number: 1 (relative sequence number)]  
Acknowledgment number: 38 (relative ack number)  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (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  
    .... .... .0.. = Reset: Not set  
    .... .... ..0. = Syn: Not set  
    .... .... ...0 = Fin: Not set  
[TCP Flags: .....A....]  
Window size value: 512  
[Calculated window size: 512]  
[Window size scaling factor: -1 (unknown)]  
Checksum: 0x0028 [unverified]  
[Checksum Status: Unverified]  
Urgent pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
    TCP Option - No-Operation (NOP)  
        Kind: No-Operation (1)  
    TCP Option - No-Operation (NOP)  
        Kind: No-Operation (1)  
    TCP Option - Timestamps: TSval 2651407981, TSecr 2651407981  
        Kind: Time Stamp Option (8)  
        Length: 10  
        Timestamp value: 2651407981  
        Timestamp echo reply: 2651407981  
[SEQ/ACK analysis]  
    [This is an ACK to the segment in frame: 2044]  
    [The RTT to ACK the segment was: 0.000013392 seconds]  
[Timestamps]  
    [Time since first frame in this TCP stream: 0.002774807 seconds]  
    [Time since previous frame in this TCP stream: 0.000013392 seconds]  
No.      Time              Source              Destination              Protocol Length Info  
2046 109.785764903    ::1              ::1              TCP              87      12021 → 39225 [PSH, ACK] Seq=38  
Ack=1 Win=512 Len=1 TSval=2651407981 TSecr=2651407981  
Frame 2046: 87 bytes on wire (696 bits), 87 bytes captured (696 bits) on interface 1  
    Interface id: 1 (lo)  
        Interface name: lo  
    Encapsulation type: Ethernet (1)  
    Arrival Time: Dec 23, 2022 12:46:33.780529923 EST  
    [Time shift for this packet: 0.000000000 seconds]  
    Epoch Time: 1671817593.780529923 seconds  
    [Time delta from previous captured frame: 0.000033033 seconds]  
    [Time delta from previous displayed frame: 0.000033033 seconds]  
    [Time since reference or first frame: 109.785764903 seconds]  
    Frame Number: 2046  
    Frame Length: 87 bytes (696 bits)  
    Capture Length: 87 bytes (696 bits)  
    [Frame is marked: False]  
    [Frame is ignored: False]  
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]  
    [Coloring Rule Name: TCP]

```
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0. .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0. .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... .00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 0000 0111 0100 0000 1011 = Flow Label: 0x0740b
  Payload Length: 33
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 39225, Seq: 38, Ack: 1, Len: 1
  Source Port: 12021
  Destination Port: 39225
  [Stream index: 49]
  [TCP Segment Len: 1]
  Sequence number: 38 (relative sequence number)
  [Next sequence number: 39 (relative sequence number)]
  Acknowledgment number: 1 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, 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
    .... .... 1... = Push: Set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
  [TCP Flags: .....AP...]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0029 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651407981, TSecr 2651407981
      Kind: Time Stamp Option (8)
      Length: 10
      Timestamp value: 2651407981
      Timestamp echo reply: 2651407981
  [SEQ/ACK analysis]
    [Bytes in flight: 1]
    [Bytes sent since last PSH flag: 1]
  [Timestamps]
    [Time since first frame in this TCP stream: 0.002807840 seconds]
```

```
[Time since previous frame in this TCP stream: 0.000033033 seconds]
TCP payload (1 byte)
Data (1 byte)
0000 0a
Data: 0a
[Length: 1]
No.      Time                Source                Destination            Protocol Length Info
 2047 109.785768141      ::1                  ::1                    TCP                    86      39225 → 12021 [ACK] Seq=1 Ack=39
Win=512 Len=0 TSval=2651407981 TSecr=2651407981
Frame 2047: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:46:33.780533161 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817593.780533161 seconds
    [Time delta from previous captured frame: 0.000003238 seconds]
    [Time delta from previous displayed frame: 0.000003238 seconds]
    [Time since reference or first frame: 109.785768141 seconds]
    Frame Number: 2047
    Frame Length: 86 bytes (688 bits)
    Capture Length: 86 bytes (688 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ..0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ..0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 1001 0100 1000 0101 0001 = Flow Label: 0x94851
  Payload Length: 32
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 39225, Dst Port: 12021, Seq: 1, Ack: 39, Len: 0
  Source Port: 39225
  Destination Port: 12021
  [Stream index: 49]
  [TCP Segment Len: 0]
  Sequence number: 1 (relative sequence number)
  [Next sequence number: 1 (relative sequence number)]
  Acknowledgment number: 39 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (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
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
    [TCP Flags: .....A....]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651407981, TSecr 2651407981
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651407981
        Timestamp echo reply: 2651407981
[SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 2046]
    [The RTT to ACK the segment was: 0.000003238 seconds]
[Timestamps]
    [Time since first frame in this TCP stream: 0.002811078 seconds]
    [Time since previous frame in this TCP stream: 0.000003238 seconds]
No.      Time      Source      Destination      Protocol Length Info
 2048 109.785795306  ::1        ::1              TCP              110      12021 → 45655 [PSH, ACK] Seq=14
Ack=1 Win=512 Len=24 TSval=2651407981 TSecr=2651407979
Frame 2048: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface 1
    Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:46:33.780560326 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817593.780560326 seconds
    [Time delta from previous captured frame: 0.000027165 seconds]
    [Time delta from previous displayed frame: 0.000027165 seconds]
    [Time since reference or first frame: 109.785795306 seconds]
    Frame Number: 2048
    Frame Length: 110 bytes (880 bits)
    Capture Length: 110 bytes (880 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        .... ..0. .... = LG bit: Globally unique address (factory default)
        .... ...0 .... = IG bit: Individual address (unicast)
    Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        .... ..0. .... = LG bit: Globally unique address (factory default)
        .... ...0 .... = IG bit: Individual address (unicast)
    Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
    0110 .... = Version: 6
    .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
        .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
        .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
```

```
Payload Length: 56
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 14, Ack: 1, Len: 24
Source Port: 12021
Destination Port: 45655
[Stream index: 50]
[TCP Segment Len: 24]
Sequence number: 14      (relative sequence number)
[Next sequence number: 38      (relative sequence number)]
Acknowledgment number: 1      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
  .... .... 1... = Push: Set
  .... .... .0.. = Reset: Not set
  .... .... ..0. = Syn: Not set
  .... .... ...0 = Fin: Not set
  [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0040 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651407981, TSecr 2651407979
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651407981
    Timestamp echo reply: 2651407979
[SEQ/ACK analysis]
  [Bytes in flight: 24]
  [Bytes sent since last PSH flag: 24]
[Timestamps]
  [Time since first frame in this TCP stream: 0.002754204 seconds]
  [Time since previous frame in this TCP stream: 0.002723389 seconds]
TCP payload (24 bytes)
Data (24 bytes)
0000  3a 58 31 39 31 37 30 37 38 31 4e 30 32 30 31 31      :X19170781N02011
0010  32 46 45 35 32 36 42 3b                                2FE526B;
Data: 3a5831393137303738314e3032303131324645353236423b
[Length: 24]
No.      Time                Source                Destination                Protocol Length Info
  2049 109.785798601      ::1                  ::1                        TCP                86      45655 → 12021 [ACK] Seq=1 Ack=38
Win=512 Len=0 TSval=2651407981 TSecr=2651407981
Frame 2049: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:46:33.780563621 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817593.780563621 seconds
```

```
[Time delta from previous captured frame: 0.000003295 seconds]
[Time delta from previous displayed frame: 0.000003295 seconds]
[Time since reference or first frame: 109.785798601 seconds]
Frame Number: 2049
Frame Length: 86 bytes (688 bits)
Capture Length: 86 bytes (688 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00... = Differentiated Services Codepoint: Default (0)
  .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 0001 1101 0011 1011 0011 = Flow Label: 0x1d3b3
  Payload Length: 32
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 1, Ack: 38, Len: 0
  Source Port: 45655
  Destination Port: 12021
  [Stream index: 50]
  [TCP Segment Len: 0]
  Sequence number: 1 (relative sequence number)
  [Next sequence number: 1 (relative sequence number)]
  Acknowledgment number: 38 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (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
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
    [TCP Flags: .....A....]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0028 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
```

```
TCP Option - Timestamps: TSval 2651407981, TSecr 2651407981
  Kind: Time Stamp Option (8)
  Length: 10
  Timestamp value: 2651407981
  Timestamp echo reply: 2651407981
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 2048]
  [The RTT to ACK the segment was: 0.000003295 seconds]
[Timestamps]
  [Time since first frame in this TCP stream: 0.002757499 seconds]
  [Time since previous frame in this TCP stream: 0.000003295 seconds]
No.      Time            Source            Destination            Protocol Length Info
 2050 109.785816593  ::1              ::1                    TCP                87      12021 → 45655 [PSH, ACK] Seq=38
Ack=1 Win=512 Len=1 TSval=2651407982 TSecr=2651407981
Frame 2050: 87 bytes on wire (696 bits), 87 bytes captured (696 bits) on interface 1
  Interface id: 1 (lo)
  Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:46:33.780581613 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817593.780581613 seconds
  [Time delta from previous captured frame: 0.000017992 seconds]
  [Time delta from previous displayed frame: 0.000017992 seconds]
  [Time since reference or first frame: 109.785816593 seconds]
  Frame Number: 2050
  Frame Length: 87 bytes (696 bits)
  Capture Length: 87 bytes (696 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ipv6:tcp:data]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
    ....0. .... = LG bit: Globally unique address (factory default)
    ....0. .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
    ....0. .... = LG bit: Globally unique address (factory default)
    ....0. .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
  Payload Length: 33
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 38, Ack: 1, Len: 1
  Source Port: 12021
  Destination Port: 45655
  [Stream index: 50]
  [TCP Segment Len: 1]
  Sequence number: 38 (relative sequence number)
  [Next sequence number: 39 (relative sequence number)]
  Acknowledgment number: 1 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, ACK)
    000. .... = Reserved: Not set
```

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    ...0 .... = Nonce: Not set
    .... 0... = Congestion Window Reduced (CWR): Not set
    .... .0.. = ECN-Echo: Not set
    .... ..0. = Urgent: Not set
    .... ...1 = Acknowledgment: Set
    .... .... 1... = Push: Set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
    [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0029 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651407982, TSecr 2651407981
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651407982
        Timestamp echo reply: 2651407981
[SEQ/ACK analysis]
    [Bytes in flight: 1]
    [Bytes sent since last PSH flag: 1]
[Timestamps]
    [Time since first frame in this TCP stream: 0.002775491 seconds]
    [Time since previous frame in this TCP stream: 0.000017992 seconds]
TCP payload (1 byte)
Data (1 byte)
0000 0a
    Data: 0a
    [Length: 1]
No.      Time                Source                Destination                Protocol Length Info
  2051 109.785819212  ::1                  ::1                        TCP            86      45655 → 12021 [ACK] Seq=1 Ack=39
Win=512 Len=0 TSval=2651407982 TSecr=2651407982
Frame 2051: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
    Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:46:33.780584232 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817593.780584232 seconds
    [Time delta from previous captured frame: 0.000002619 seconds]
    [Time delta from previous displayed frame: 0.000002619 seconds]
    [Time since reference or first frame: 109.785819212 seconds]
    Frame Number: 2051
    Frame Length: 86 bytes (688 bits)
    Capture Length: 86 bytes (688 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
            .... ..0. .... = LG bit: Globally unique address (factory default)
            .... ...0 .... = IG bit: Individual address (unicast)
    Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
```

```

    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
    .... 0. .... = LG bit: Globally unique address (factory default)
    .... 0. .... = IG bit: Individual address (unicast)
Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
.... .... 000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... 0001 1101 0011 1011 0011 = Flow Label: 0xd3b3
Payload Length: 32
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 1, Ack: 39, Len: 0
Source Port: 45655
Destination Port: 12021
[Stream index: 50]
[TCP Segment Len: 0]
Sequence number: 1 (relative sequence number)
[Next sequence number: 1 (relative sequence number)]
Acknowledgment number: 39 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (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
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
    [TCP Flags: .....A....]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651407982, TSecr 2651407982
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651407982
        Timestamp echo reply: 2651407982
[SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 2050]
    [The RTT to ACK the segment was: 0.000002619 seconds]
[Timestamps]
    [Time since first frame in this TCP stream: 0.002778110 seconds]
    [Time since previous frame in this TCP stream: 0.000002619 seconds]
No.    Time                Source                Destination          Protocol Length Info
2052 109.787030072      ::1                  ::1                  TCP                110      39225 → 12021 [PSH, ACK] Seq=1
Ack=39 Win=512 Len=24 TSval=2651407983 TSecr=2651407981
Frame 2052: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface 1
Interface id: 1 (lo)
Interface name: lo
```

```
Encapsulation type: Ethernet (1)
Arrival Time: Dec 23, 2022 12:46:33.781795092 EST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1671817593.781795092 seconds
[Time delta from previous captured frame: 0.001210860 seconds]
[Time delta from previous displayed frame: 0.001210860 seconds]
[Time since reference or first frame: 109.787030072 seconds]
Frame Number: 2052
Frame Length: 110 bytes (880 bits)
Capture Length: 110 bytes (880 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp:data]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... 0. .... = LG bit: Globally unique address (factory default)
      .... 0. .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... 0. .... = LG bit: Globally unique address (factory default)
      .... 0. .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... 000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 1001 0100 1000 0101 0001 = Flow Label: 0x94851
  Payload Length: 56
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 39225, Dst Port: 12021, Seq: 1, Ack: 39, Len: 24
  Source Port: 39225
  Destination Port: 12021
  [Stream index: 49]
  [TCP Segment Len: 24]
  Sequence number: 1 (relative sequence number)
  [Next sequence number: 25 (relative sequence number)]
  Acknowledgment number: 39 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, 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
    .... .... 1... = Push: Set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
  [TCP Flags: .....AP...]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0040 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
```

```
TCP Option - No-Operation (NOP)
  Kind: No-Operation (1)
TCP Option - No-Operation (NOP)
  Kind: No-Operation (1)
TCP Option - Timestamps: TSval 2651407983, TSecr 2651407981
  Kind: Time Stamp Option (8)
  Length: 10
  Timestamp value: 2651407983
  Timestamp echo reply: 2651407981
[SEQ/ACK analysis]
  [Bytes in flight: 24]
  [Bytes sent since last PSH flag: 24]
[Timestamps]
  [Time since first frame in this TCP stream: 0.004073009 seconds]
  [Time since previous frame in this TCP stream: 0.001261931 seconds]
TCP payload (24 bytes)
Data (24 bytes)
0000  3a 58 31 39 31 37 30 42 30 35 4e 30 35 30 31 30    :X19170B05N05010
0010  31 30 31 32 32 45 45 3b                          10122EE;
Data: 3a5831393137304230354e3035303130313031323245453b
[Length: 24]
No.      Time                Source                Destination          Protocol Length Info
 2053 109.787054934  ::1                  ::1                  TCP                  110      45655 → 12021 [PSH, ACK] Seq=1
Ack=39 Win=512 Len=24 TSval=2651407983 TSecr=2651407982
Frame 2053: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:46:33.781819954 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817593.781819954 seconds
    [Time delta from previous captured frame: 0.000024862 seconds]
    [Time delta from previous displayed frame: 0.000024862 seconds]
    [Time since reference or first frame: 109.787054934 seconds]
    Frame Number: 2053
    Frame Length: 110 bytes (880 bits)
    Capture Length: 110 bytes (880 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
.... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... 0001 1101 0011 1011 0011 = Flow Label: 0xd3b3
Payload Length: 56
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 1, Ack: 39, Len: 24
```



```
Source Port: 45655
Destination Port: 12021
[Stream index: 50]
[TCP Segment Len: 24]
Sequence number: 1      (relative sequence number)
[Next sequence number: 25      (relative sequence number)]
Acknowledgment number: 39      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
  .... .... 1... = Push: Set
  .... .... .0.. = Reset: Not set
  .... .... ..0. = Syn: Not set
  .... .... ...0 = Fin: Not set
  [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0040 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651407983, TSecr 2651407982
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651407983
    Timestamp echo reply: 2651407982
[SEQ/ACK analysis]
  [Bytes in flight: 24]
  [Bytes sent since last PSH flag: 24]
[Timestamps]
  [Time since first frame in this TCP stream: 0.004013832 seconds]
  [Time since previous frame in this TCP stream: 0.001235722 seconds]
TCP payload (24 bytes)
Data (24 bytes)
0000 3a 58 31 39 31 37 30 42 44 39 4e 30 35 30 31 30      :X19170BD9N05010
0010 31 30 31 32 32 30 30 3b                          1012200;
Data: 3a5831393137304244394e3035303130313031323230303b
[Length: 24]
No.      Time                Source                Destination                Protocol Length Info
2078 109.827314292      ::1                  ::1                        TCP                        86      12021 → 39225 [ACK] Seq=39 Ack=25
Win=512 Len=0 TSval=2651408023 TSecr=2651407983
Frame 2078: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:46:33.822079312 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817593.822079312 seconds
  [Time delta from previous captured frame: 0.031716159 seconds]
  [Time delta from previous displayed frame: 0.040259358 seconds]
  [Time since reference or first frame: 109.827314292 seconds]
  Frame Number: 2078
  Frame Length: 86 bytes (688 bits)
  Capture Length: 86 bytes (688 bits)
```

```
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0. .... = IG bit: Individual address (unicast)
    Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
      Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        ....0. .... = LG bit: Globally unique address (factory default)
        ....0. .... = IG bit: Individual address (unicast)
    Type: IPv6 (0x86dd)
  Internet Protocol Version 6, Src: ::1, Dst: ::1
    0110 .... = Version: 6
    .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
      .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
      .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    .... ..0000 0111 0100 0000 1011 = Flow Label: 0x0740b
  Payload Length: 32
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 39225, Seq: 39, Ack: 25, Len: 0
  Source Port: 12021
  Destination Port: 39225
  [Stream index: 49]
  [TCP Segment Len: 0]
  Sequence number: 39 (relative sequence number)
  [Next sequence number: 39 (relative sequence number)]
  Acknowledgment number: 25 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (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
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
  [TCP Flags: .....A....]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0028 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651408023, TSecr 2651407983
      Kind: Time Stamp Option (8)
      Length: 10
      Timestamp value: 2651408023
      Timestamp echo reply: 2651407983
  [SEQ/ACK analysis]
```

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[This is an ACK to the segment in frame: 2052]
[The RTT to ACK the segment was: 0.040284220 seconds]
[Timestamps]
[Time since first frame in this TCP stream: 0.044357229 seconds]
[Time since previous frame in this TCP stream: 0.040284220 seconds]
No.      Time            Source            Destination            Protocol Length Info
 2079 109.827315856  ::1              ::1                    TCP                86      12021 → 45655 [ACK] Seq=39 Ack=25
Win=512 Len=0 TSval=2651408023 TSecr=2651407983
Frame 2079: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:46:33.822080876 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817593.822080876 seconds
    [Time delta from previous captured frame: 0.000001564 seconds]
    [Time delta from previous displayed frame: 0.000001564 seconds]
    [Time since reference or first frame: 109.827315856 seconds]
    Frame Number: 2079
    Frame Length: 86 bytes (688 bits)
    Capture Length: 86 bytes (688 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00... = Differentiated Services Codepoint: Default (0)
  .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
  Payload Length: 32
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 39, Ack: 25, Len: 0
  Source Port: 12021
  Destination Port: 45655
  [Stream index: 50]
  [TCP Segment Len: 0]
  Sequence number: 39 (relative sequence number)
  [Next sequence number: 39 (relative sequence number)]
  Acknowledgment number: 25 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (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
    .... ...0 = Fin: Not set
    [TCP Flags: .....A....]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651408023, TSecr 2651407983
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651408023
        Timestamp echo reply: 2651407983
[SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 2053]
    [The RTT to ACK the segment was: 0.040260922 seconds]
[Timestamps]
    [Time since first frame in this TCP stream: 0.044274754 seconds]
    [Time since previous frame in this TCP stream: 0.040260922 seconds]
No.      Time      Source      Destination      Protocol Length Info
2351 125.565732589  ::1        ::1              TCP              98      45655 → 12021 [PSH, ACK] Seq=25
Ack=39 Win=512 Len=12 TSval=2651423762 TSecr=2651408023
Frame 2351: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface 1
    Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:46:49.560497609 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817609.560497609 seconds
    [Time delta from previous captured frame: 0.348883937 seconds]
    [Time delta from previous displayed frame: 15.738416733 seconds]
    [Time since reference or first frame: 125.565732589 seconds]
    Frame Number: 2351
    Frame Length: 98 bytes (784 bits)
    Capture Length: 98 bytes (784 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        .... ..0. .... = LG bit: Globally unique address (factory default)
        .... ...0 .... = IG bit: Individual address (unicast)
    Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        .... ..0. .... = LG bit: Globally unique address (factory default)
        .... ...0 .... = IG bit: Individual address (unicast)
    Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
    0110 .... = Version: 6
    .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
    .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
    .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    .... .... 0001 1101 0011 1011 0011 = Flow Label: 0x1d3b3
Payload Length: 44
```

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Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 25, Ack: 39, Len: 12
Source Port: 45655
Destination Port: 12021
[Stream index: 50]
[TCP Segment Len: 12]
Sequence number: 25      (relative sequence number)
[Next sequence number: 37      (relative sequence number)]
Acknowledgment number: 39      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
  .... .... 1... = Push: Set
  .... .... .0.. = Reset: Not set
  .... .... ..0. = Syn: Not set
  .... .... ...0 = Fin: Not set
  [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0034 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651423762, TSecr 2651408023
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651423762
    Timestamp echo reply: 2651408023
[SEQ/ACK analysis]
  [Bytes in flight: 12]
  [Bytes sent since last PSH flag: 12]
[Timestamps]
  [Time since first frame in this TCP stream: 15.782691487 seconds]
  [Time since previous frame in this TCP stream: 15.738416733 seconds]
TCP payload (12 bytes)
Data (12 bytes)
0000 3a 58 31 39 34 39 30 42 44 39 4e 3b      :X19490BD9N;
Data: 3a5831393439304244394e3b
[Length: 12]
No.      Time            Source            Destination      Protocol Length Info
 2352 125.565753884    ::1              ::1              TCP              86      12021 → 45655 [ACK] Seq=39 Ack=37
Win=512 Len=0 TSval=2651423762 TSecr=2651423762
Frame 2352: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
Interface id: 1 (lo)
Interface name: lo
Encapsulation type: Ethernet (1)
Arrival Time: Dec 23, 2022 12:46:49.560518904 EST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1671817609.560518904 seconds
[Time delta from previous captured frame: 0.000021295 seconds]
[Time delta from previous displayed frame: 0.000021295 seconds]
```

```
[Time since reference or first frame: 125.565753884 seconds]
Frame Number: 2352
Frame Length: 86 bytes (688 bits)
Capture Length: 86 bytes (688 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... ..0. .... = LG bit: Globally unique address (factory default)
.... ...0 .... = IG bit: Individual address (unicast)
Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... ..0. .... = LG bit: Globally unique address (factory default)
.... ...0 .... = IG bit: Individual address (unicast)
Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
.... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
Payload Length: 32
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 39, Ack: 37, Len: 0
Source Port: 12021
Destination Port: 45655
[Stream index: 50]
[TCP Segment Len: 0]
Sequence number: 39 (relative sequence number)
[Next sequence number: 39 (relative sequence number)]
Acknowledgment number: 37 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (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
.... .... .0.. = Reset: Not set
.... .... ..0. = Syn: Not set
.... .... ...0 = Fin: Not set
[TCP Flags: .....A....]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651423762, TSecr 2651423762
        Kind: Time Stamp Option (8)
```

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    Length: 10
    Timestamp value: 2651423762
    Timestamp echo reply: 2651423762
[SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 2351]
    [The RTT to ACK the segment was: 0.000021295 seconds]
[Timestamps]
    [Time since first frame in this TCP stream: 15.782712782 seconds]
    [Time since previous frame in this TCP stream: 0.000021295 seconds]
No.      Time                Source                Destination                Protocol Length Info
 3448 184.397982583      ::1                  ::1                        TCP          114      45655 → 12021 [PSH, ACK] Seq=37
Ack=39 Win=512 Len=28 TSval=2651482594 TSecr=2651423762
Frame 3448: 114 bytes on wire (912 bits), 114 bytes captured (912 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:47:48.392747603 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817668.392747603 seconds
  [Time delta from previous captured frame: 0.131779630 seconds]
  [Time delta from previous displayed frame: 58.832228699 seconds]
  [Time since reference or first frame: 184.397982583 seconds]
  Frame Number: 3448
  Frame Length: 114 bytes (912 bits)
  Capture Length: 114 bytes (912 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ipv6:tcp:data]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... 0. .... = LG bit: Globally unique address (factory default)
      .... 0. .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... 0. .... = LG bit: Globally unique address (factory default)
      .... 0. .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... 000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 0001 1101 0011 1011 0011 = Flow Label: 0x1d3b3
  Payload Length: 60
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 37, Ack: 39, Len: 28
  Source Port: 45655
  Destination Port: 12021
  [Stream index: 50]
  [TCP Segment Len: 28]
  Sequence number: 37 (relative sequence number)
  [Next sequence number: 65 (relative sequence number)]
  Acknowledgment number: 39 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, 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
    .... .... 1... = Push: Set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
    [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0044 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651482594, TSecr 2651423762
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651482594
        Timestamp echo reply: 2651423762
[SEQ/ACK analysis]
    [Bytes in flight: 28]
    [Bytes sent since last PSH flag: 28]
[Timestamps]
    [Time since first frame in this TCP stream: 74.614941481 seconds]
    [Time since previous frame in this TCP stream: 58.832228699 seconds]
TCP payload (28 bytes)
Data (28 bytes)
0000 3a 58 31 39 35 42 34 42 44 39 4e 30 35 30 31 30 :X195B4BD9N05010
0010 31 30 31 32 32 30 30 30 30 30 34 3b           101220000004;
    Data: 3a5831393542344244394e30353031303130313232303030...
    [Length: 28]
No.      Time                Source                Destination                Protocol Length Info
   3449 184.397994917  ::1                  ::1                          TCP             86      12021 → 45655 [ACK] Seq=39 Ack=65
Win=512 Len=0 TSval=2651482594 TSecr=2651482594
Frame 3449: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
    Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:47:48.392759937 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817668.392759937 seconds
    [Time delta from previous captured frame: 0.000012334 seconds]
    [Time delta from previous displayed frame: 0.000012334 seconds]
    [Time since reference or first frame: 184.397994917 seconds]
    Frame Number: 3449
    Frame Length: 86 bytes (688 bits)
    Capture Length: 86 bytes (688 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
    .... ..0. .... .... = LG bit: Globally unique address (factory default)
    .... ...0 .... .... = IG bit: Individual address (unicast)
    Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
```



```

    .... ..0. .... = LG bit: Globally unique address (factory default)
    .... ..0 .... = IG bit: Individual address (unicast)
Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
.... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
Payload Length: 32
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 39, Ack: 65, Len: 0
Source Port: 12021
Destination Port: 45655
[Stream index: 50]
[TCP Segment Len: 0]
Sequence number: 39      (relative sequence number)
[Next sequence number: 39      (relative sequence number)]
Acknowledgment number: 65      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (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
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
    [TCP Flags: .....A....]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651482594, TSecr 2651482594
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651482594
        Timestamp echo reply: 2651482594
[SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 3448]
    [The RTT to ACK the segment was: 0.000012334 seconds]
[Timestamps]
    [Time since first frame in this TCP stream: 74.614953815 seconds]
    [Time since previous frame in this TCP stream: 0.000012334 seconds]
No.      Time                Source                Destination            Protocol Length Info
 3560 189.461400981      ::1                  ::1                    TCP                    114      45655 → 12021 [PSH, ACK] Seq=65
Ack=39 Win=512 Len=28 TSval=2651487658 TSecr=2651482594
Frame 3560: 114 bytes on wire (912 bits), 114 bytes captured (912 bits) on interface 1
    Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
```

```
Arrival Time: Dec 23, 2022 12:47:53.456166001 EST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1671817673.456166001 seconds
[Time delta from previous captured frame: -0.075948835 seconds]
[Time delta from previous displayed frame: 5.063406064 seconds]
[Time since reference or first frame: 189.461400981 seconds]
Frame Number: 3560
Frame Length: 114 bytes (912 bits)
Capture Length: 114 bytes (912 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp:data]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... 0. .... = LG bit: Globally unique address (factory default)
      .... 0. .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... 0. .... = LG bit: Globally unique address (factory default)
      .... 0. .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... 000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 0001 1101 0011 1011 0011 = Flow Label: 0x1d3b3
  Payload Length: 60
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 65, Ack: 39, Len: 28
  Source Port: 45655
  Destination Port: 12021
  [Stream index: 50]
  [TCP Segment Len: 28]
  Sequence number: 65 (relative sequence number)
  [Next sequence number: 93 (relative sequence number)]
  Acknowledgment number: 39 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, 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
    .... .... 1... = Push: Set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
  [TCP Flags: .....AP...]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0044 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
```

```
Kind: No-Operation (1)
TCP Option - No-Operation (NOP)
Kind: No-Operation (1)
TCP Option - Timestamps: TSval 2651487658, TSecr 2651482594
Kind: Time Stamp Option (8)
Length: 10
Timestamp value: 2651487658
Timestamp echo reply: 2651482594
[SEQ/ACK analysis]
[Bytes in flight: 28]
[Bytes sent since last PSH flag: 28]
[Timestamps]
[Time since first frame in this TCP stream: 79.678359879 seconds]
[Time since previous frame in this TCP stream: 5.063406064 seconds]
TCP payload (28 bytes)
Data (28 bytes)
0000 3a 58 31 39 35 42 34 42 44 39 4e 30 35 30 31 30 :X195B4BD9N05010
0010 31 30 31 32 32 30 30 30 30 30 36 3b          10122000006;
Data: 3a5831393542344244394e30353031303130313232303030...
[Length: 28]
No.      Time                Source                Destination          Protocol Length Info
 3561 189.461412197      ::1                  ::1                  TCP                  86      12021 → 45655 [ACK] Seq=39 Ack=93
Win=512 Len=0 TSval=2651487658 TSecr=2651487658
Frame 3561: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
Interface id: 1 (lo)
Interface name: lo
Encapsulation type: Ethernet (1)
Arrival Time: Dec 23, 2022 12:47:53.456177217 EST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1671817673.456177217 seconds
[Time delta from previous captured frame: 0.000011216 seconds]
[Time delta from previous displayed frame: 0.000011216 seconds]
[Time since reference or first frame: 189.461412197 seconds]
Frame Number: 3561
Frame Length: 86 bytes (688 bits)
Capture Length: 86 bytes (688 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... ..0. .... = LG bit: Globally unique address (factory default)
.... ...0 .... = IG bit: Individual address (unicast)
Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... ..0. .... = LG bit: Globally unique address (factory default)
.... ...0 .... = IG bit: Individual address (unicast)
Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
.... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
Payload Length: 32
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 39, Ack: 93, Len: 0
Source Port: 12021
```

```
Destination Port: 45655
[Stream index: 50]
[TCP Segment Len: 0]
Sequence number: 39      (relative sequence number)
[Next sequence number: 39      (relative sequence number)]
Acknowledgment number: 93      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (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
  .... .... .0.. = Reset: Not set
  .... .... ..0. = Syn: Not set
  .... .... ...0 = Fin: Not set
  [TCP Flags: .....A....]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651487658, TSecr 2651487658
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651487658
    Timestamp echo reply: 2651487658
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 3560]
  [The RTT to ACK the segment was: 0.000011216 seconds]
[Timestamps]
  [Time since first frame in this TCP stream: 79.678371095 seconds]
  [Time since previous frame in this TCP stream: 0.000011216 seconds]
No.    Time                Source                Destination                Protocol Length Info
 3702 197.789945251      ::1                  ::1                        TCP                98      12021 → 39225 [PSH, ACK] Seq=39
Ack=25 Win=512 Len=12 TSval=2651495986 TSecr=2651407983
Frame 3702: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:48:01.784710271 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817681.784710271 seconds
  [Time delta from previous captured frame: 0.605296858 seconds]
  [Time delta from previous displayed frame: 8.328533054 seconds]
  [Time since reference or first frame: 197.789945251 seconds]
  Frame Number: 3702
  Frame Length: 98 bytes (784 bits)
  Capture Length: 98 bytes (784 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ipv6:tcp:data]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
```

```

    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
    .... 0. .... = LG bit: Globally unique address (factory default)
    .... 0. .... = IG bit: Individual address (unicast)
Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
    .... 0. .... = LG bit: Globally unique address (factory default)
    .... 0. .... = IG bit: Individual address (unicast)
Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
.... .... 000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... 0000 0111 0100 0000 1011 = Flow Label: 0x0740b
Payload Length: 44
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 39225, Seq: 39, Ack: 25, Len: 12
Source Port: 12021
Destination Port: 39225
[Stream index: 49]
[TCP Segment Len: 12]
Sequence number: 39      (relative sequence number)
[Next sequence number: 51      (relative sequence number)]
Acknowledgment number: 25      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
    .... .... 1... = Push: Set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
    [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0034 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651495986, TSecr 2651407983
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651495986
        Timestamp echo reply: 2651407983
[SEQ/ACK analysis]
    [Bytes in flight: 12]
    [Bytes sent since last PSH flag: 12]
[Timestamps]
    [Time since first frame in this TCP stream: 88.006988188 seconds]
    [Time since previous frame in this TCP stream: 87.962630959 seconds]
TCP payload (12 bytes)
Data (12 bytes)
```

```
0000  3a 58 31 39 34 39 30 37 38 31 4e 3b          :X19490781N;
      Data: 3a5831393439303738314e3b
      [Length: 12]
No.      Time      Source      Destination      Protocol Length Info
   3703  197.790008055  ::1        ::1              TCP          98      12021 → 45655 [PSH, ACK] Seq=39
Ack=93 Win=512 Len=12 TSval=2651495986 TSecr=2651487658
Frame 3703: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:01.784773075 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817681.784773075 seconds
    [Time delta from previous captured frame: 0.000062804 seconds]
    [Time delta from previous displayed frame: 0.000062804 seconds]
    [Time since reference or first frame: 197.790008055 seconds]
    Frame Number: 3703
    Frame Length: 98 bytes (784 bits)
    Capture Length: 98 bytes (784 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
  Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
      Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        ....0. .... = LG bit: Globally unique address (factory default)
        ....0. .... = IG bit: Individual address (unicast)
      Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
          ....0. .... = LG bit: Globally unique address (factory default)
          ....0. .... = IG bit: Individual address (unicast)
    Type: IPv6 (0x86dd)
  Internet Protocol Version 6, Src: ::1, Dst: ::1
    0110 .... = Version: 6
    .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
    .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
    .... .... .00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    .... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
    Payload Length: 44
    Next Header: TCP (6)
    Hop Limit: 64
    Source: ::1
    Destination: ::1
  Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 39, Ack: 93, Len: 12
    Source Port: 12021
    Destination Port: 45655
    [Stream index: 50]
    [TCP Segment Len: 12]
    Sequence number: 39      (relative sequence number)
    [Next sequence number: 51      (relative sequence number)]
    Acknowledgment number: 93      (relative ack number)
    1000 .... = Header Length: 32 bytes (8)
    Flags: 0x018 (PSH, 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
      .... .... 1... = Push: Set
      .... .... .0.. = Reset: Not set
      .... .... ..0. = Syn: Not set
```

```
.... .... ...0 = Fin: Not set
[TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0034 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651495986, TSecr 2651487658
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651495986
    Timestamp echo reply: 2651487658
[SEQ/ACK analysis]
  [Bytes in flight: 12]
  [Bytes sent since last PSH flag: 12]
[Timestamps]
  [Time since first frame in this TCP stream: 88.006966953 seconds]
  [Time since previous frame in this TCP stream: 8.328595858 seconds]
TCP payload (12 bytes)
Data (12 bytes)
0000 3a 58 31 39 34 39 30 37 38 31 4e 3b          :X19490781N;
Data: 3a5831393439303738314e3b
[Length: 12]
No.      Time      Source      Destination      Protocol Length Info
 3704 197.793532566  ::1        ::1              TCP              110      39225 → 12021 [PSH, ACK] Seq=25
Ack=51 Win=512 Len=24 TSval=2651495990 TSecr=2651495986
Frame 3704: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:48:01.788297586 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817681.788297586 seconds
  [Time delta from previous captured frame: 0.003524511 seconds]
  [Time delta from previous displayed frame: 0.003524511 seconds]
  [Time since reference or first frame: 197.793532566 seconds]
  Frame Number: 3704
  Frame Length: 110 bytes (880 bits)
  Capture Length: 110 bytes (880 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ipv6:tcp:data]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
```

```

    .... 00000000 = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    .... 10010100100001010001 = Flow Label: 0x94851
Payload Length: 56
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 39225, Dst Port: 12021, Seq: 25, Ack: 51, Len: 24
Source Port: 39225
Destination Port: 12021
[Stream index: 49]
[TCP Segment Len: 24]
Sequence number: 25 (relative sequence number)
[Next sequence number: 49 (relative sequence number)]
Acknowledgment number: 51 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
    .... .... 1... = Push: Set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
    [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0040 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651495990, TSecr 2651495986
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651495990
        Timestamp echo reply: 2651495986
[SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 3702]
    [The RTT to ACK the segment was: 0.003587315 seconds]
    [Bytes in flight: 24]
    [Bytes sent since last PSH flag: 24]
[Timestamps]
    [Time since first frame in this TCP stream: 88.010575503 seconds]
    [Time since previous frame in this TCP stream: 0.003587315 seconds]
TCP payload (24 bytes)
Data (24 bytes)
0000 3a 58 31 39 31 37 30 42 30 35 4e 30 35 30 31 30 :X19170B05N05010
0010 31 30 31 32 32 45 45 3b :10122EE;
Data: 3a5831393137304230354e3035303130313031323245453b
[Length: 24]
No. Time Source Destination Protocol Length Info
3705 197.793555393 ::1 ::1 TCP 87 12021 → 39225 [PSH, ACK] Seq=51
Ack=49 Win=512 Len=1 TSval=2651495990 TSecr=2651495990
Frame 3705: 87 bytes on wire (696 bits), 87 bytes captured (696 bits) on interface 1
Interface id: 1 (lo)
Interface name: lo
```



```
Encapsulation type: Ethernet (1)
Arrival Time: Dec 23, 2022 12:48:01.788320413 EST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1671817681.788320413 seconds
[Time delta from previous captured frame: 0.000022827 seconds]
[Time delta from previous displayed frame: 0.000022827 seconds]
[Time since reference or first frame: 197.79355393 seconds]
Frame Number: 3705
Frame Length: 87 bytes (696 bits)
Capture Length: 87 bytes (696 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp:data]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... 0. .... = LG bit: Globally unique address (factory default)
      .... 0. .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... 0. .... = LG bit: Globally unique address (factory default)
      .... 0. .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... 000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 0000 0111 0100 0000 1011 = Flow Label: 0x0740b
  Payload Length: 33
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 39225, Seq: 51, Ack: 49, Len: 1
  Source Port: 12021
  Destination Port: 39225
  [Stream index: 49]
  [TCP Segment Len: 1]
  Sequence number: 51 (relative sequence number)
  [Next sequence number: 52 (relative sequence number)]
  Acknowledgment number: 49 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, 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
    .... .... 1... = Push: Set
    .... .... 0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
  [TCP Flags: .....AP...]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0029 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
```

```
TCP Option - No-Operation (NOP)
  Kind: No-Operation (1)
TCP Option - No-Operation (NOP)
  Kind: No-Operation (1)
TCP Option - Timestamps: TSval 2651495990, TSecr 2651495990
  Kind: Time Stamp Option (8)
  Length: 10
  Timestamp value: 2651495990
  Timestamp echo reply: 2651495990
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 3704]
  [The RTT to ACK the segment was: 0.000022827 seconds]
  [Bytes in flight: 1]
  [Bytes sent since last PSH flag: 1]
[Timestamps]
  [Time since first frame in this TCP stream: 88.010598330 seconds]
  [Time since previous frame in this TCP stream: 0.000022827 seconds]
TCP payload (1 byte)
Data (1 byte)
0000 0a
  Data: 0a
  [Length: 1]
No.      Time                Source                Destination          Protocol Length Info
 3706 197.794324294  ::1                  ::1                  TCP                  110      45655 → 12021 [PSH, ACK] Seq=93
Ack=51 Win=512 Len=24 TSval=2651495991 TSecr=2651495986
Frame 3706: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:01.789089314 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817681.789089314 seconds
    [Time delta from previous captured frame: 0.000768901 seconds]
    [Time delta from previous displayed frame: 0.000768901 seconds]
    [Time since reference or first frame: 197.794324294 seconds]
    Frame Number: 3706
    Frame Length: 110 bytes (880 bits)
    Capture Length: 110 bytes (880 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
    .... 0. .... = LG bit: Globally unique address (factory default)
    .... 0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
    .... 0. .... = LG bit: Globally unique address (factory default)
    .... 0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .. 0001 1101 0011 1011 0011 = Flow Label: 0x1d3b3
  Payload Length: 56
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
```

Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 93, Ack: 51, Len: 24

Source Port: 45655

Destination Port: 12021

[Stream index: 50]

[TCP Segment Len: 24]

Sequence number: 93 (relative sequence number)

[Next sequence number: 117 (relative sequence number)]

Acknowledgment number: 51 (relative ack number)

1000 .... = Header Length: 32 bytes (8)

Flags: 0x018 (PSH, 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

.... .... 1... = Push: Set

.... .... .0.. = Reset: Not set

.... .... ..0. = Syn: Not set

.... .... ...0 = Fin: Not set

[TCP Flags: .....AP...]

Window size value: 512

[Calculated window size: 512]

[Window size scaling factor: -1 (unknown)]

Checksum: 0x0040 [unverified]

[Checksum Status: Unverified]

Urgent pointer: 0

Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps

TCP Option - No-Operation (NOP)

Kind: No-Operation (1)

TCP Option - No-Operation (NOP)

Kind: No-Operation (1)

TCP Option - Timestamps: TSval 2651495991, TSecr 2651495986

Kind: Time Stamp Option (8)

Length: 10

Timestamp value: 2651495991

Timestamp echo reply: 2651495986

[SEQ/ACK analysis]

[This is an ACK to the segment in frame: 3703]

[The RTT to ACK the segment was: 0.004316239 seconds]

[Bytes in flight: 24]

[Bytes sent since last PSH flag: 24]

[Timestamps]

[Time since first frame in this TCP stream: 88.011283192 seconds]

[Time since previous frame in this TCP stream: 0.004316239 seconds]

TCP payload (24 bytes)

Data (24 bytes)

0000 3a 58 31 39 31 37 30 42 44 39 4e 30 35 30 31 30 :X19170BD9N05010

0010 31 30 31 32 32 30 30 3b 1012200;

Data: 3a5831393137304244394e303530313031323230303b

[Length: 24]

No.	Time	Source	Destination	Protocol	Length	Info
3707	197.794342568	::1	::1	TCP	112	12021 → 45655 [PSH, ACK] Seq=51

Ack=117 Win=512 Len=26 TSval=2651495991 TSecr=2651495991

Frame 3707: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 1

Interface id: 1 (lo)

Interface name: lo

Encapsulation type: Ethernet (1)

Arrival Time: Dec 23, 2022 12:48:01.789107588 EST

[Time shift for this packet: 0.000000000 seconds]

Epoch Time: 1671817681.789107588 seconds

[Time delta from previous captured frame: 0.000018274 seconds]

[Time delta from previous displayed frame: 0.000018274 seconds]

[Time since reference or first frame: 197.794342568 seconds]

```
Frame Number: 3707
Frame Length: 112 bytes (896 bits)
Capture Length: 112 bytes (896 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp:data]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... 000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
  Payload Length: 58
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 51, Ack: 117, Len: 26
  Source Port: 12021
  Destination Port: 45655
  [Stream index: 50]
  [TCP Segment Len: 26]
  Sequence number: 51 (relative sequence number)
  [Next sequence number: 77 (relative sequence number)]
  Acknowledgment number: 117 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, 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
    .... .... 1... = Push: Set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
  [TCP Flags: .....AP...]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0042 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651495991, TSecr 2651495991
      Kind: Time Stamp Option (8)
      Length: 10
```

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```

    Timestamp value: 2651495991
    Timestamp echo reply: 2651495991
[SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 3706]
    [The RTT to ACK the segment was: 0.000018274 seconds]
    [Bytes in flight: 26]
    [Bytes sent since last PSH flag: 26]
[Timestamps]
    [Time since first frame in this TCP stream: 88.011301466 seconds]
    [Time since previous frame in this TCP stream: 0.000018274 seconds]
TCP payload (26 bytes)
Data (26 bytes)
0000  0a 3a 58 31 39 31 37 30 37 38 31 4e 30 32 30 31    .:X19170781N0201
0010  31 32 46 45 35 32 36 42 3b 0a                    12FE526B;.
    Data: 0a3a5831393137303738314e303230313132464535323642...
    [Length: 26]
No.      Time                Source                Destination          Protocol Length Info
 3708 197.798722044    ::1                  ::1                  TCP                  110      45655 → 12021 [PSH, ACK] Seq=117
Ack=77 Win=512 Len=24 TSval=2651495995 TSecr=2651495991
Frame 3708: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface 1
    Interface id: 1 (lo)
        Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:01.793487064 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817681.793487064 seconds
    [Time delta from previous captured frame: 0.004379476 seconds]
    [Time delta from previous displayed frame: 0.004379476 seconds]
    [Time since reference or first frame: 197.798722044 seconds]
    Frame Number: 3708
    Frame Length: 110 bytes (880 bits)
    Capture Length: 110 bytes (880 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
            .... 0. .... = LG bit: Globally unique address (factory default)
            .... 0. .... = IG bit: Individual address (unicast)
    Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
            .... 0. .... = LG bit: Globally unique address (factory default)
            .... 0. .... = IG bit: Individual address (unicast)
    Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
    0110 .... = Version: 6
    .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
    .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
    .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    .... 0001 1101 0011 1011 0011 = Flow Label: 0x1d3b3
    Payload Length: 56
    Next Header: TCP (6)
    Hop Limit: 64
    Source: ::1
    Destination: ::1
Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 117, Ack: 77, Len: 24
    Source Port: 45655
    Destination Port: 12021
    [Stream index: 50]
    [TCP Segment Len: 24]
    Sequence number: 117      (relative sequence number)
```

```
[Next sequence number: 141      (relative sequence number)]
Acknowledgment number: 77      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
  .... .... 1... = Push: Set
  .... .... .0.. = Reset: Not set
  .... .... ..0. = Syn: Not set
  .... .... ...0 = Fin: Not set
  [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0040 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651495995, TSecr 2651495991
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651495995
    Timestamp echo reply: 2651495991
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 3707]
  [The RTT to ACK the segment was: 0.004379476 seconds]
  [Bytes in flight: 24]
  [Bytes sent since last PSH flag: 24]
[Timestamps]
  [Time since first frame in this TCP stream: 88.015680942 seconds]
  [Time since previous frame in this TCP stream: 0.004379476 seconds]
TCP payload (24 bytes)
Data (24 bytes)
0000 3a 58 31 39 31 37 30 42 44 39 4e 30 35 30 31 30 :X19170BD9N05010
0010 31 30 31 32 32 30 30 3b                        1012200;
Data: 3a5831393137304244394e3035303130313031323230303b
[Length: 24]
No.      Time                Source                Destination                Protocol Length Info
  3709 197.835317720      ::1                  ::1                        TCP                86          39225 → 12021 [ACK] Seq=49 Ack=52
Win=512 Len=0 TSval=2651496032 TSecr=2651495990
Frame 3709: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:48:01.830082740 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817681.830082740 seconds
  [Time delta from previous captured frame: 0.036595676 seconds]
  [Time delta from previous displayed frame: 0.036595676 seconds]
  [Time since reference or first frame: 197.835317720 seconds]
  Frame Number: 3709
  Frame Length: 86 bytes (688 bits)
  Capture Length: 86 bytes (688 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ipv6:tcp]
```

```
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 1001 0100 1000 0101 0001 = Flow Label: 0x94851
  Payload Length: 32
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 39225, Dst Port: 12021, Seq: 49, Ack: 52, Len: 0
  Source Port: 39225
  Destination Port: 12021
  [Stream index: 49]
  [TCP Segment Len: 0]
  Sequence number: 49      (relative sequence number)
  [Next sequence number: 49      (relative sequence number)]
  Acknowledgment number: 52      (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (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
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
    [TCP Flags: .....A....]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0028 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651496032, TSecr 2651495990
      Kind: Time Stamp Option (8)
      Length: 10
      Timestamp value: 2651496032
      Timestamp echo reply: 2651495990
  [SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 3705]
    [The RTT to ACK the segment was: 0.041762327 seconds]
  [Timestamps]
```

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```
[Time since first frame in this TCP stream: 88.052360657 seconds]
[Time since previous frame in this TCP stream: 0.041762327 seconds]
No.      Time                Source                Destination                Protocol Length Info
3710 197.835331645  ::1                ::1                TCP                111      12021 → 39225 [PSH, ACK] Seq=52
Ack=49 Win=512 Len=25 TSval=2651496032 TSecr=2651496032
Frame 3710: 111 bytes on wire (888 bits), 111 bytes captured (888 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:01.830096665 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817681.830096665 seconds
    [Time delta from previous captured frame: 0.000013925 seconds]
    [Time delta from previous displayed frame: 0.000013925 seconds]
    [Time since reference or first frame: 197.835331645 seconds]
    Frame Number: 3710
    Frame Length: 111 bytes (888 bits)
    Capture Length: 111 bytes (888 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
  Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
      Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        ....0. .... = LG bit: Globally unique address (factory default)
        ....0. .... = IG bit: Individual address (unicast)
    Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
      Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        ....0. .... = LG bit: Globally unique address (factory default)
        ....0. .... = IG bit: Individual address (unicast)
    Type: IPv6 (0x86dd)
  Internet Protocol Version 6, Src: ::1, Dst: ::1
    0110 .... = Version: 6
    .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
    .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
    .... .... 000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    .... .... 0000 0111 0100 0000 1011 = Flow Label: 0x0740b
    Payload Length: 57
    Next Header: TCP (6)
    Hop Limit: 64
    Source: ::1
    Destination: ::1
  Transmission Control Protocol, Src Port: 12021, Dst Port: 39225, Seq: 52, Ack: 49, Len: 25
    Source Port: 12021
    Destination Port: 39225
    [Stream index: 49]
    [TCP Segment Len: 25]
    Sequence number: 52      (relative sequence number)
    [Next sequence number: 77      (relative sequence number)]
    Acknowledgment number: 49      (relative ack number)
    1000 .... = Header Length: 32 bytes (8)
    Flags: 0x018 (PSH, 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
      .... .... 1... = Push: Set
      .... .... .0.. = Reset: Not set
      .... .... ..0. = Syn: Not set
      .... .... ...0 = Fin: Not set
```



```
[TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0041 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651496032, TSecr 2651496032
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651496032
    Timestamp echo reply: 2651496032
[SEQ/ACK analysis]
  [Bytes in flight: 25]
  [Bytes sent since last PSH flag: 25]
[Timestamps]
  [Time since first frame in this TCP stream: 88.052374582 seconds]
  [Time since previous frame in this TCP stream: 0.000013925 seconds]
TCP payload (25 bytes)
Data (25 bytes)
0000 3a 58 31 39 31 37 30 37 38 31 4e 30 32 30 31 31 :X19170781N02011
0010 32 46 45 35 32 36 42 3b 0a                    2FE526B;.
Data: 3a5831393137303738314e3032303131324645353236423b...
[Length: 25]
No.      Time                Source                Destination          Protocol Length Info
 3711 197.835336269      ::1                  ::1                  TCP                  86      39225 → 12021 [ACK] Seq=49 Ack=77
Win=512 Len=0 TSval=2651496032 TSecr=2651496032
Frame 3711: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:48:01.830101289 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817681.830101289 seconds
  [Time delta from previous captured frame: 0.000004624 seconds]
  [Time delta from previous displayed frame: 0.000004624 seconds]
  [Time since reference or first frame: 197.835336269 seconds]
  Frame Number: 3711
  Frame Length: 86 bytes (688 bits)
  Capture Length: 86 bytes (688 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ipv6:tcp]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ..0. .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ..0. .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
```

/tmp/wireshark\_2\_interfaces\_20221223124442\_8xUbTZ.pcapng 7572 total packets, 94 shown

```

    .... 00000000 = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    .... 10010100100001010001 = Flow Label: 0x94851
Payload Length: 32
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 39225, Dst Port: 12021, Seq: 49, Ack: 77, Len: 0
Source Port: 39225
Destination Port: 12021
[Stream index: 49]
[TCP Segment Len: 0]
Sequence number: 49 (relative sequence number)
[Next sequence number: 49 (relative sequence number)]
Acknowledgment number: 77 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (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
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
    [TCP Flags: .....A....]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651496032, TSecr 2651496032
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651496032
        Timestamp echo reply: 2651496032
[SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 3710]
    [The RTT to ACK the segment was: 0.000004624 seconds]
[Timestamps]
    [Time since first frame in this TCP stream: 88.052379206 seconds]
    [Time since previous frame in this TCP stream: 0.000004624 seconds]
No.    Time            Source            Destination      Protocol Length Info
3712  197.839308287    ::1              ::1              TCP             86        12021 → 45655 [ACK] Seq=77
Ack=141 Win=512 Len=0 TSval=2651496036 TSecr=2651495995
Frame 3712: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
    Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:01.834073307 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817681.834073307 seconds
    [Time delta from previous captured frame: 0.003972018 seconds]
    [Time delta from previous displayed frame: 0.003972018 seconds]
    [Time since reference or first frame: 197.839308287 seconds]
    Frame Number: 3712
```

```
Frame Length: 86 bytes (688 bits)
Capture Length: 86 bytes (688 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... 0. .... = LG bit: Globally unique address (factory default)
      .... 0. .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... 0. .... = LG bit: Globally unique address (factory default)
      .... 0. .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... 000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
  Payload Length: 32
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 77, Ack: 141, Len: 0
  Source Port: 12021
  Destination Port: 45655
  [Stream index: 50]
  [TCP Segment Len: 0]
  Sequence number: 77 (relative sequence number)
  [Next sequence number: 77 (relative sequence number)]
  Acknowledgment number: 141 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (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
    .... 0... = Reset: Not set
    .... 0... = Syn: Not set
    .... 0... = Fin: Not set
  [TCP Flags: .....A....]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0028 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651496036, TSecr 2651495995
      Kind: Time Stamp Option (8)
      Length: 10
      Timestamp value: 2651496036
```

```

    Timestamp echo reply: 2651495995
[SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 3708]
    [The RTT to ACK the segment was: 0.040586243 seconds]
[Timestamps]
    [Time since first frame in this TCP stream: 88.056267185 seconds]
    [Time since previous frame in this TCP stream: 0.040586243 seconds]
No.      Time                Source                Destination                Protocol Length Info
  3713 197.839318598  ::1                ::1                TCP                102      45655 → 12021 [PSH, ACK] Seq=141
Ack=77 Win=512 Len=16 TSval=2651496036 TSecr=2651496036
Frame 3713: 102 bytes on wire (816 bits), 102 bytes captured (816 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:01.834083618 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817681.834083618 seconds
    [Time delta from previous captured frame: 0.000010311 seconds]
    [Time delta from previous displayed frame: 0.000010311 seconds]
    [Time since reference or first frame: 197.839318598 seconds]
    Frame Number: 3713
    Frame Length: 102 bytes (816 bits)
    Capture Length: 102 bytes (816 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... 0. .... = LG bit: Globally unique address (factory default)
      .... 0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... 0. .... = LG bit: Globally unique address (factory default)
      .... 0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... 000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 0001 1101 0011 1011 0011 = Flow Label: 0x1d3b3
  Payload Length: 48
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 141, Ack: 77, Len: 16
  Source Port: 45655
  Destination Port: 12021
  [Stream index: 50]
  [TCP Segment Len: 16]
  Sequence number: 141 (relative sequence number)
  [Next sequence number: 157 (relative sequence number)]
  Acknowledgment number: 77 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, 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
    .... 1... = Push: Set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
    [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0038 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651496036, TSecr 2651496036
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651496036
        Timestamp echo reply: 2651496036
[SEQ/ACK analysis]
    [Bytes in flight: 16]
    [Bytes sent since last PSH flag: 16]
[Timestamps]
    [Time since first frame in this TCP stream: 88.056277496 seconds]
    [Time since previous frame in this TCP stream: 0.000010311 seconds]
TCP payload (16 bytes)
Data (16 bytes)
0000 3a 58 31 39 44 45 38 42 44 39 4e 30 37 38 31 3b    :X19DE8BD9N0781;
Data: 3a5831394445384244394e303738313b
[Length: 16]
No.      Time          Source          Destination      Protocol Length Info
3714 197.839323121  ::1            ::1              TCP              86      12021 → 45655 [ACK] Seq=77
Ack=157 Win=512 Len=0 TSval=2651496036 TSecr=2651496036
Frame 3714: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
    Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:01.834088141 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817681.834088141 seconds
    [Time delta from previous captured frame: 0.000004523 seconds]
    [Time delta from previous displayed frame: 0.000004523 seconds]
    [Time since reference or first frame: 197.839323121 seconds]
    Frame Number: 3714
    Frame Length: 86 bytes (688 bits)
    Capture Length: 86 bytes (688 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
    .... 0. .... = LG bit: Globally unique address (factory default)
    .... 0 .... = IG bit: Individual address (unicast)
Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
    .... 0. .... = LG bit: Globally unique address (factory default)
    .... 0 .... = IG bit: Individual address (unicast)
Type: IPv6 (0x86dd)
```

```
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
  Payload Length: 32
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 77, Ack: 157, Len: 0
  Source Port: 12021
  Destination Port: 45655
  [Stream index: 50]
  [TCP Segment Len: 0]
  Sequence number: 77      (relative sequence number)
  [Next sequence number: 77      (relative sequence number)]
  Acknowledgment number: 157      (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (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
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
  [TCP Flags: .....A....]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0028 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651496036, TSecr 2651496036
      Kind: Time Stamp Option (8)
      Length: 10
      Timestamp value: 2651496036
      Timestamp echo reply: 2651496036
  [SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 3713]
    [The RTT to ACK the segment was: 0.000004523 seconds]
  [Timestamps]
    [Time since first frame in this TCP stream: 88.056282019 seconds]
    [Time since previous frame in this TCP stream: 0.000004523 seconds]
No.      Time      Source      Destination      Protocol Length Info
  3844 206.069061226  ::1        ::1              TCP              98      45655 → 12021 [PSH, ACK] Seq=157
Ack=77 Win=512 Len=12 TSval=2651504265 TSecr=2651496036
Frame 3844: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:48:10.063826246 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817690.063826246 seconds
```

```
[Time delta from previous captured frame: 0.001983315 seconds]
[Time delta from previous displayed frame: 8.229738105 seconds]
[Time since reference or first frame: 206.069061226 seconds]
Frame Number: 3844
Frame Length: 98 bytes (784 bits)
Capture Length: 98 bytes (784 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp:data]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 0001 1101 0011 1011 0011 = Flow Label: 0x1d3b3
  Payload Length: 44
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 157, Ack: 77, Len: 12
  Source Port: 45655
  Destination Port: 12021
  [Stream index: 50]
  [TCP Segment Len: 12]
  Sequence number: 157 (relative sequence number)
  [Next sequence number: 169 (relative sequence number)]
  Acknowledgment number: 77 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, 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
    .... .... 1... = Push: Set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
    [TCP Flags: .....AP...]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0034 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
```

```
TCP Option - Timestamps: TSval 2651504265, TSecr 2651496036
  Kind: Time Stamp Option (8)
  Length: 10
  Timestamp value: 2651504265
  Timestamp echo reply: 2651496036
[SEQ/ACK analysis]
  [Bytes in flight: 12]
  [Bytes sent since last PSH flag: 12]
[Timestamps]
  [Time since first frame in this TCP stream: 96.286020124 seconds]
  [Time since previous frame in this TCP stream: 8.229738105 seconds]
TCP payload (12 bytes)
Data (12 bytes)
0000 3a 58 31 39 34 39 30 42 44 39 4e 3b          :X19490BD9N;
Data: 3a5831393439304244394e3b
[Length: 12]
No.      Time                Source                Destination                Protocol Length Info
3845 206.069083604  ::1                ::1                TCP                        86      12021 → 45655 [ACK] Seq=77
Ack=169 Win=512 Len=0 TSval=2651504265 TSecr=2651504265
Frame 3845: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:48:10.063848624 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817690.063848624 seconds
  [Time delta from previous captured frame: 0.000022378 seconds]
  [Time delta from previous displayed frame: 0.000022378 seconds]
  [Time since reference or first frame: 206.069083604 seconds]
  Frame Number: 3845
  Frame Length: 86 bytes (688 bits)
  Capture Length: 86 bytes (688 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ipv6:tcp]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... 0. .... = LG bit: Globally unique address (factory default)
      .... 0. .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... 0. .... = LG bit: Globally unique address (factory default)
      .... 0. .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... 000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
  Payload Length: 32
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 77, Ack: 169, Len: 0
  Source Port: 12021
  Destination Port: 45655
  [Stream index: 50]
  [TCP Segment Len: 0]
  Sequence number: 77 (relative sequence number)
```



```
[Next sequence number: 77      (relative sequence number)]
Acknowledgment number: 169      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (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
  .... .... .0.. = Reset: Not set
  .... .... ..0. = Syn: Not set
  .... .... ...0 = Fin: Not set
  [TCP Flags: .....A....]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651504265, TSecr 2651504265
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651504265
    Timestamp echo reply: 2651504265
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 3844]
  [The RTT to ACK the segment was: 0.000022378 seconds]
[Timestamps]
  [Time since first frame in this TCP stream: 96.286042502 seconds]
  [Time since previous frame in this TCP stream: 0.000022378 seconds]
No.      Time      Source      Destination      Protocol Length Info
 3902 207.477904987  ::1        ::1              TCP              98      12021 → 39225 [PSH, ACK] Seq=77
Ack=49 Win=512 Len=12 TSval=2651505674 TSecr=2651496032
Frame 3902: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:48:11.472670007 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817691.472670007 seconds
  [Time delta from previous captured frame: 0.158193777 seconds]
  [Time delta from previous displayed frame: 1.408821383 seconds]
  [Time since reference or first frame: 207.477904987 seconds]
  Frame Number: 3902
  Frame Length: 98 bytes (784 bits)
  Capture Length: 98 bytes (784 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ipv6:tcp:data]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
```

Address: 00:00:00\_00:00:00 (00:00:00:00:00:00)  
.... 0. .... = LG bit: Globally unique address (factory default)  
.... 0. .... = IG bit: Individual address (unicast)  
Type: IPv6 (0x86dd)  
Internet Protocol Version 6, Src: ::1, Dst: ::1  
0110 .... = Version: 6  
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)  
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)  
.... .... 00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
.... .... 0000 0111 0100 0000 1011 = Flow Label: 0x0740b  
Payload Length: 44  
Next Header: TCP (6)  
Hop Limit: 64  
Source: ::1  
Destination: ::1  
Transmission Control Protocol, Src Port: 12021, Dst Port: 39225, Seq: 77, Ack: 49, Len: 12  
Source Port: 12021  
Destination Port: 39225  
[Stream index: 49]  
[TCP Segment Len: 12]  
Sequence number: 77 (relative sequence number)  
[Next sequence number: 89 (relative sequence number)]  
Acknowledgment number: 49 (relative ack number)  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, 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  
.... .... 1... = Push: Set  
.... .... .0... = Reset: Not set  
.... .... ..0. = Syn: Not set  
.... .... ...0 = Fin: Not set  
[TCP Flags: .....AP...]  
Window size value: 512  
[Calculated window size: 512]  
[Window size scaling factor: -1 (unknown)]  
Checksum: 0x0034 [unverified]  
[Checksum Status: Unverified]  
Urgent pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
TCP Option - No-Operation (NOP)  
Kind: No-Operation (1)  
TCP Option - No-Operation (NOP)  
Kind: No-Operation (1)  
TCP Option - Timestamps: TSval 2651505674, TSecr 2651496032  
Kind: Time Stamp Option (8)  
Length: 10  
Timestamp value: 2651505674  
Timestamp echo reply: 2651496032  
[SEQ/ACK analysis]  
[Bytes in flight: 12]  
[Bytes sent since last PSH flag: 12]  
[Timestamps]  
[Time since first frame in this TCP stream: 97.694947924 seconds]  
[Time since previous frame in this TCP stream: 9.642568718 seconds]  
TCP payload (12 bytes)  
Data (12 bytes)  
0000 3a 58 31 39 34 39 30 37 38 31 4e 3b :X19490781N;  
Data: 3a5831393439303738314e3b  
[Length: 12]  
No. Time Source Destination Protocol Length Info

```
3903 207.477924172  ::1          ::1          TCP      86      39225 → 12021 [ACK] Seq=49 Ack=89
Win=512 Len=0 TSval=2651505674 TSecr=2651505674
Frame 3903: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:11.472689192 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817691.472689192 seconds
    [Time delta from previous captured frame: 0.000019185 seconds]
    [Time delta from previous displayed frame: 0.000019185 seconds]
    [Time since reference or first frame: 207.477924172 seconds]
    Frame Number: 3903
    Frame Length: 86 bytes (688 bits)
    Capture Length: 86 bytes (688 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
  Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
      Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        .... 0. .... = LG bit: Globally unique address (factory default)
        .... 0 .... = IG bit: Individual address (unicast)
    Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
      Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        .... 0. .... = LG bit: Globally unique address (factory default)
        .... 0 .... = IG bit: Individual address (unicast)
    Type: IPv6 (0x86dd)
  Internet Protocol Version 6, Src: ::1, Dst: ::1
    0110 .... = Version: 6
    .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
      .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
      .... .... 00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    .... .... 1001 0100 1000 0101 0001 = Flow Label: 0x94851
    Payload Length: 32
    Next Header: TCP (6)
    Hop Limit: 64
    Source: ::1
    Destination: ::1
  Transmission Control Protocol, Src Port: 39225, Dst Port: 12021, Seq: 49, Ack: 89, Len: 0
    Source Port: 39225
    Destination Port: 12021
    [Stream index: 49]
    [TCP Segment Len: 0]
    Sequence number: 49 (relative sequence number)
    [Next sequence number: 49 (relative sequence number)]
    Acknowledgment number: 89 (relative ack number)
    1000 .... = Header Length: 32 bytes (8)
    Flags: 0x010 (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
      .... 0... .... = Reset: Not set
      .... 0... .... = Syn: Not set
      .... 0... .... = Fin: Not set
    [TCP Flags: .....A....]
    Window size value: 512
    [Calculated window size: 512]
```

```
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651505674, TSecr 2651505674
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651505674
    Timestamp echo reply: 2651505674
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 3902]
  [The RTT to ACK the segment was: 0.000019185 seconds]
[Timestamps]
  [Time since first frame in this TCP stream: 97.694967109 seconds]
  [Time since previous frame in this TCP stream: 0.000019185 seconds]
No.      Time      Source      Destination      Protocol Length Info
3904 207.477966180  ::1        ::1              TCP              87      12021 → 39225 [PSH, ACK] Seq=89
Ack=49 Win=512 Len=1 TSval=2651505674 TSecr=2651505674
Frame 3904: 87 bytes on wire (696 bits), 87 bytes captured (696 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:11.472731200 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817691.472731200 seconds
    [Time delta from previous captured frame: 0.000042008 seconds]
    [Time delta from previous displayed frame: 0.000042008 seconds]
    [Time since reference or first frame: 207.477966180 seconds]
    Frame Number: 3904
    Frame Length: 87 bytes (696 bits)
    Capture Length: 87 bytes (696 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
  Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
      Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        .... ..0. .... = LG bit: Globally unique address (factory default)
        .... ...0 .... = IG bit: Individual address (unicast)
      Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
          .... ..0. .... = LG bit: Globally unique address (factory default)
          .... ...0 .... = IG bit: Individual address (unicast)
    Type: IPv6 (0x86dd)
  Internet Protocol Version 6, Src: ::1, Dst: ::1
    0110 .... = Version: 6
    .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
    .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
    .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    .... .... 0000 0111 0100 0000 1011 = Flow Label: 0x0740b
    Payload Length: 33
    Next Header: TCP (6)
    Hop Limit: 64
    Source: ::1
    Destination: ::1
  Transmission Control Protocol, Src Port: 12021, Dst Port: 39225, Seq: 89, Ack: 49, Len: 1
    Source Port: 12021
```

```
Destination Port: 39225
[Stream index: 49]
[TCP Segment Len: 1]
Sequence number: 89      (relative sequence number)
[Next sequence number: 90      (relative sequence number)]
Acknowledgment number: 49      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
  .... .... 1... = Push: Set
  .... .... .0.. = Reset: Not set
  .... .... ..0. = Syn: Not set
  .... .... ...0 = Fin: Not set
  [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0029 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651505674, TSecr 2651505674
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651505674
    Timestamp echo reply: 2651505674
[SEQ/ACK analysis]
  [Bytes in flight: 1]
  [Bytes sent since last PSH flag: 1]
[Timestamps]
  [Time since first frame in this TCP stream: 97.695009117 seconds]
  [Time since previous frame in this TCP stream: 0.000042008 seconds]
TCP payload (1 byte)
Data (1 byte)
0000 0a      .
  Data: 0a
  [Length: 1]
No.      Time                Source                Destination                Protocol Length Info
  3905 207.477970985      ::1                  ::1                        TCP                86      39225 → 12021 [ACK] Seq=49 Ack=90
Win=512 Len=0 TSval=2651505674 TSecr=2651505674
Frame 3905: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:48:11.472736005 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817691.472736005 seconds
  [Time delta from previous captured frame: 0.000004805 seconds]
  [Time delta from previous displayed frame: 0.000004805 seconds]
  [Time since reference or first frame: 207.477970985 seconds]
  Frame Number: 3905
  Frame Length: 86 bytes (688 bits)
  Capture Length: 86 bytes (688 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
```

```
[Protocols in frame: eth:ethertype:ipv6:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 1001 0100 1000 0101 0001 = Flow Label: 0x94851
  Payload Length: 32
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 39225, Dst Port: 12021, Seq: 49, Ack: 90, Len: 0
  Source Port: 39225
  Destination Port: 12021
  [Stream index: 49]
  [TCP Segment Len: 0]
  Sequence number: 49 (relative sequence number)
  [Next sequence number: 49 (relative sequence number)]
  Acknowledgment number: 90 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (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
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
    [TCP Flags: .....A....]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0028 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651505674, TSecr 2651505674
      Kind: Time Stamp Option (8)
      Length: 10
      Timestamp value: 2651505674
      Timestamp echo reply: 2651505674
  [SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 3904]
    [The RTT to ACK the segment was: 0.000004805 seconds]
```

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[Timestamps]
[Time since first frame in this TCP stream: 97.695013922 seconds]
[Time since previous frame in this TCP stream: 0.000004805 seconds]
No.      Time                Source                Destination                Protocol Length Info
   3906  207.477993498  ::1                  ::1                        TCP          98      12021 → 45655 [PSH, ACK] Seq=77
Ack=169 Win=512 Len=12 TSval=2651505674 TSecr=2651504265
Frame 3906: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:11.472758518 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817691.472758518 seconds
    [Time delta from previous captured frame: 0.000022513 seconds]
    [Time delta from previous displayed frame: 0.000022513 seconds]
    [Time since reference or first frame: 207.477993498 seconds]
    Frame Number: 3906
    Frame Length: 98 bytes (784 bits)
    Capture Length: 98 bytes (784 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
  Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
      Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        .... ..0. .... = LG bit: Globally unique address (factory default)
        .... ...0 .... = IG bit: Individual address (unicast)
      Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
          .... ..0. .... = LG bit: Globally unique address (factory default)
          .... ...0 .... = IG bit: Individual address (unicast)
      Type: IPv6 (0x86dd)
    Internet Protocol Version 6, Src: ::1, Dst: ::1
      0110 .... = Version: 6
      .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
      .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
      .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
      .... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
      Payload Length: 44
      Next Header: TCP (6)
      Hop Limit: 64
      Source: ::1
      Destination: ::1
    Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 77, Ack: 169, Len: 12
      Source Port: 12021
      Destination Port: 45655
      [Stream index: 50]
      [TCP Segment Len: 12]
      Sequence number: 77 (relative sequence number)
      [Next sequence number: 89 (relative sequence number)]
      Acknowledgment number: 169 (relative ack number)
      1000 .... = Header Length: 32 bytes (8)
      Flags: 0x018 (PSH, 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
        .... .... 1... = Push: Set
        .... .... .0.. = Reset: Not set
        .... .... ..0. = Syn: Not set
```

```
.... .... ...0 = Fin: Not set
[TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0034 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651505674, TSecr 2651504265
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651505674
    Timestamp echo reply: 2651504265
[SEQ/ACK analysis]
  [Bytes in flight: 12]
  [Bytes sent since last PSH flag: 12]
[Timestamps]
  [Time since first frame in this TCP stream: 97.694952396 seconds]
  [Time since previous frame in this TCP stream: 1.408909894 seconds]
TCP payload (12 bytes)
Data (12 bytes)
0000 3a 58 31 39 34 39 30 37 38 31 4e 3b          :X19490781N;
Data: 3a5831393439303738314e3b
[Length: 12]
No.      Time            Source            Destination      Protocol Length Info
 3907 207.479466621    ::1              ::1              TCP              110      12021 → 39225 [PSH, ACK] Seq=90
Ack=49 Win=512 Len=24 TSval=2651505676 TSecr=2651505674
Frame 3907: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:48:11.474231641 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817691.474231641 seconds
  [Time delta from previous captured frame: 0.001473123 seconds]
  [Time delta from previous displayed frame: 0.001473123 seconds]
  [Time since reference or first frame: 207.479466621 seconds]
  Frame Number: 3907
  Frame Length: 110 bytes (880 bits)
  Capture Length: 110 bytes (880 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ipv6:tcp:data]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
```



```

    .... 0000 0111 0100 0000 1011 = Flow Label: 0x0740b
Payload Length: 56
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 39225, Seq: 90, Ack: 49, Len: 24
Source Port: 12021
Destination Port: 39225
[Stream index: 49]
[TCP Segment Len: 24]
Sequence number: 90      (relative sequence number)
[Next sequence number: 114      (relative sequence number)]
Acknowledgment number: 49      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
    .... .... 1... = Push: Set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
    [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0040 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651505676, TSecr 2651505674
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651505676
        Timestamp echo reply: 2651505674
[SEQ/ACK analysis]
    [Bytes in flight: 24]
    [Bytes sent since last PSH flag: 24]
[Timestamps]
    [Time since first frame in this TCP stream: 97.696509558 seconds]
    [Time since previous frame in this TCP stream: 0.001495636 seconds]
TCP payload (24 bytes)
Data (24 bytes)
0000 3a 58 31 39 31 37 30 37 38 31 4e 30 32 30 31 31      :X19170781N02011
0010 32 46 45 35 32 36 42 3b                             2FE526B;
Data: 3a5831393137303738314e3032303131324645353236423b
[Length: 24]
No.      Time          Source          Destination          Protocol Length Info
3908 207.479473149    ::1            ::1                  TCP                  86      39225 → 12021 [ACK] Seq=49
Ack=114 Win=512 Len=0 TSval=2651505676 TSecr=2651505676
Frame 3908: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
Interface id: 1 (lo)
Interface name: lo
Encapsulation type: Ethernet (1)
Arrival Time: Dec 23, 2022 12:48:11.474238169 EST
```

```
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1671817691.474238169 seconds
[Time delta from previous captured frame: 0.000006528 seconds]
[Time delta from previous displayed frame: 0.000006528 seconds]
[Time since reference or first frame: 207.479473149 seconds]
Frame Number: 3908
Frame Length: 86 bytes (688 bits)
Capture Length: 86 bytes (688 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... ..0. .... = LG bit: Globally unique address (factory default)
.... ...0 .... = IG bit: Individual address (unicast)
Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... ..0. .... = LG bit: Globally unique address (factory default)
.... ...0 .... = IG bit: Individual address (unicast)
Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
.... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... 1001 0100 1000 0101 0001 = Flow Label: 0x94851
Payload Length: 32
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 39225, Dst Port: 12021, Seq: 49, Ack: 114, Len: 0
Source Port: 39225
Destination Port: 12021
[Stream index: 49]
[TCP Segment Len: 0]
Sequence number: 49 (relative sequence number)
[Next sequence number: 49 (relative sequence number)]
Acknowledgment number: 114 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (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
.... .... .0.. = Reset: Not set
.... .... ..0. = Syn: Not set
.... .... ...0 = Fin: Not set
[TCP Flags: .....A....]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
TCP Option - No-Operation (NOP)
Kind: No-Operation (1)
```

```
TCP Option - No-Operation (NOP)
  Kind: No-Operation (1)
TCP Option - Timestamps: TSval 2651505676, TSecr 2651505676
  Kind: Time Stamp Option (8)
  Length: 10
  Timestamp value: 2651505676
  Timestamp echo reply: 2651505676
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 3907]
  [The RTT to ACK the segment was: 0.000006528 seconds]
[Timestamps]
  [Time since first frame in this TCP stream: 97.696516086 seconds]
  [Time since previous frame in this TCP stream: 0.000006528 seconds]
No.      Time                Source                Destination                Protocol Length Info
 3909 207.479496904      ::1                ::1                TCP                87      12021 → 39225 [PSH, ACK] Seq=114
Ack=49 Win=512 Len=1 TSval=2651505676 TSecr=2651505676
Frame 3909: 87 bytes on wire (696 bits), 87 bytes captured (696 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:11.474261924 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817691.474261924 seconds
    [Time delta from previous captured frame: 0.000023755 seconds]
    [Time delta from previous displayed frame: 0.000023755 seconds]
    [Time since reference or first frame: 207.479496904 seconds]
    Frame Number: 3909
    Frame Length: 87 bytes (696 bits)
    Capture Length: 87 bytes (696 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 0000 0111 0100 0000 1011 = Flow Label: 0x0740b
  Payload Length: 33
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 39225, Seq: 114, Ack: 49, Len: 1
  Source Port: 12021
  Destination Port: 39225
  [Stream index: 49]
  [TCP Segment Len: 1]
  Sequence number: 114 (relative sequence number)
  [Next sequence number: 115 (relative sequence number)]
  Acknowledgment number: 49 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
```

```
Flags: 0x018 (PSH, 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
.... .... 1... = Push: Set
.... .... .0.. = Reset: Not set
.... .... ..0. = Syn: Not set
.... .... ...0 = Fin: Not set
[TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0029 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651505676, TSecr 2651505676
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651505676
    Timestamp echo reply: 2651505676
[SEQ/ACK analysis]
  [Bytes in flight: 1]
  [Bytes sent since last PSH flag: 1]
[Timestamps]
  [Time since first frame in this TCP stream: 97.696539841 seconds]
  [Time since previous frame in this TCP stream: 0.000023755 seconds]
TCP payload (1 byte)
Data (1 byte)
0000 0a
Data: 0a
[Length: 1]
No.      Time      Source      Destination      Protocol Length Info
 3910 207.479499790 ::1      ::1      TCP      86      39225 → 12021 [ACK] Seq=49
Ack=115 Win=512 Len=0 TSval=2651505676 TSecr=2651505676
Frame 3910: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:48:11.474264810 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817691.474264810 seconds
  [Time delta from previous captured frame: 0.000002886 seconds]
  [Time delta from previous displayed frame: 0.000002886 seconds]
  [Time since reference or first frame: 207.479499790 seconds]
  Frame Number: 3910
  Frame Length: 86 bytes (688 bits)
  Capture Length: 86 bytes (688 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ipv6:tcp]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
  ....0. .... = LG bit: Globally unique address (factory default)
```

```

    ....0 .... = IG bit: Individual address (unicast)
Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
    ....0. .... = LG bit: Globally unique address (factory default)
    ....0 .... = IG bit: Individual address (unicast)
Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
.... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... 1001 0100 1000 0101 0001 = Flow Label: 0x94851
Payload Length: 32
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 39225, Dst Port: 12021, Seq: 49, Ack: 115, Len: 0
Source Port: 39225
Destination Port: 12021
[Stream index: 49]
[TCP Segment Len: 0]
Sequence number: 49 (relative sequence number)
[Next sequence number: 49 (relative sequence number)]
Acknowledgment number: 115 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (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
    .... ...0 = Reset: Not set
    .... ...0 = Syn: Not set
    .... ...0 = Fin: Not set
[TCP Flags: .....A....]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651505676, TSecr 2651505676
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651505676
        Timestamp echo reply: 2651505676
[SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 3909]
    [The RTT to ACK the segment was: 0.000002886 seconds]
[Timestamps]
    [Time since first frame in this TCP stream: 97.696542727 seconds]
    [Time since previous frame in this TCP stream: 0.000002886 seconds]
No.      Time      Source      Destination      Protocol Length Info
 3911 207.481716521 ::1 ::1 TCP 110 39225 → 12021 [PSH, ACK] Seq=49
Ack=115 Win=512 Len=24 TSval=2651505678 TSecr=2651505676
Frame 3911: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface 1
```

```
Interface id: 1 (lo)
  Interface name: lo
Encapsulation type: Ethernet (1)
Arrival Time: Dec 23, 2022 12:48:11.476481541 EST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1671817691.476481541 seconds
[Time delta from previous captured frame: 0.002216731 seconds]
[Time delta from previous displayed frame: 0.002216731 seconds]
[Time since reference or first frame: 207.481716521 seconds]
Frame Number: 3911
Frame Length: 110 bytes (880 bits)
Capture Length: 110 bytes (880 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp:data]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 1001 0100 1000 0101 0001 = Flow Label: 0x94851
Payload Length: 56
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 39225, Dst Port: 12021, Seq: 49, Ack: 115, Len: 24
  Source Port: 39225
  Destination Port: 12021
  [Stream index: 49]
  [TCP Segment Len: 24]
  Sequence number: 49      (relative sequence number)
  [Next sequence number: 73      (relative sequence number)]
  Acknowledgment number: 115      (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, 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
    .... .... 1... = Push: Set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
  [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0040 [unverified]
[Checksum Status: Unverified]
```

Urgent pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
  TCP Option - No-Operation (NOP)  
    Kind: No-Operation (1)  
  TCP Option - No-Operation (NOP)  
    Kind: No-Operation (1)  
  TCP Option - Timestamps: TSval 2651505678, TSecr 2651505676  
    Kind: Time Stamp Option (8)  
    Length: 10  
    Timestamp value: 2651505678  
    Timestamp echo reply: 2651505676  
[SEQ/ACK analysis]  
  [Bytes in flight: 24]  
  [Bytes sent since last PSH flag: 24]  
[Timestamps]  
  [Time since first frame in this TCP stream: 97.698759458 seconds]  
  [Time since previous frame in this TCP stream: 0.002216731 seconds]  
TCP payload (24 bytes)  
Data (24 bytes)  
0000 3a 58 31 39 31 37 30 42 30 35 4e 30 35 30 31 30 :X19170B05N05010  
0010 31 30 31 32 32 45 45 3b 10122EE;  
Data: 3a5831393137304230354e303530313031323245453b  
[Length: 24]  

No.	Time	Source	Destination	Protocol	Length	Info
3912	207.482057813	::1	::1	TCP	110	45655 → 12021 [PSH, ACK] Seq=169

Ack=89 Win=512 Len=24 TSval=2651505678 TSecr=2651505674  
Frame 3912: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface 1  
  Interface id: 1 (lo)  
    Interface name: lo  
  Encapsulation type: Ethernet (1)  
  Arrival Time: Dec 23, 2022 12:48:11.476822833 EST  
  [Time shift for this packet: 0.000000000 seconds]  
  Epoch Time: 1671817691.476822833 seconds  
  [Time delta from previous captured frame: 0.000341292 seconds]  
  [Time delta from previous displayed frame: 0.000341292 seconds]  
  [Time since reference or first frame: 207.482057813 seconds]  
  Frame Number: 3912  
  Frame Length: 110 bytes (880 bits)  
  Capture Length: 110 bytes (880 bits)  
  [Frame is marked: False]  
  [Frame is ignored: False]  
  [Protocols in frame: eth:ethertype:ipv6:tcp:data]  
  [Coloring Rule Name: TCP]  
  [Coloring Rule String: tcp]  
Ethernet II, Src: 00:00:00\_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00\_00:00:00 (00:00:00:00:00:00)  
  Destination: 00:00:00\_00:00:00 (00:00:00:00:00:00)  
    Address: 00:00:00\_00:00:00 (00:00:00:00:00:00)  
      .... 0. .... = LG bit: Globally unique address (factory default)  
      .... 0 .... = IG bit: Individual address (unicast)  
  Source: 00:00:00\_00:00:00 (00:00:00:00:00:00)  
    Address: 00:00:00\_00:00:00 (00:00:00:00:00:00)  
      .... 0. .... = LG bit: Globally unique address (factory default)  
      .... 0 .... = IG bit: Individual address (unicast)  
  Type: IPv6 (0x86dd)  
Internet Protocol Version 6, Src: ::1, Dst: ::1  
  0110 .... = Version: 6  
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)  
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)  
  .... .... 000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
  .... .... 0001 1101 0011 1011 0011 = Flow Label: 0x1d3b3  
  Payload Length: 56  
  Next Header: TCP (6)  
  Hop Limit: 64  
  Source: ::1

```
Destination: ::1
Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 169, Ack: 89, Len: 24
Source Port: 45655
Destination Port: 12021
[Stream index: 50]
[TCP Segment Len: 24]
Sequence number: 169      (relative sequence number)
[Next sequence number: 193      (relative sequence number)]
Acknowledgment number: 89      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
  .... .... 1... = Push: Set
  .... ..... 0.. = Reset: Not set
  .... ..... ..0. = Syn: Not set
  .... ..... ...0 = Fin: Not set
[TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0040 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651505678, TSecr 2651505674
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651505678
    Timestamp echo reply: 2651505674
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 3906]
  [The RTT to ACK the segment was: 0.004064315 seconds]
  [Bytes in flight: 24]
  [Bytes sent since last PSH flag: 24]
[Timestamps]
  [Time since first frame in this TCP stream: 97.699016711 seconds]
  [Time since previous frame in this TCP stream: 0.004064315 seconds]
TCP payload (24 bytes)
Data (24 bytes)
0000 3a 58 31 39 31 37 30 42 44 39 4e 30 35 30 31 30 :X19170BD9N05010
0010 31 30 31 32 32 30 30 3b                          1012200;
Data: 3a5831393137304244394e3035303130313031323230303b
[Length: 24]
No.      Time            Source            Destination      Protocol Length Info
  3913 207.482074273      ::1              ::1              TCP              112      12021 → 45655 [PSH, ACK] Seq=89
Ack=193 Win=512 Len=26 TSval=2651505678 TSecr=2651505678
Frame 3913: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 1
Interface id: 1 (lo)
Interface name: lo
Encapsulation type: Ethernet (1)
Arrival Time: Dec 23, 2022 12:48:11.476839293 EST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1671817691.476839293 seconds
[Time delta from previous captured frame: 0.000016460 seconds]
[Time delta from previous displayed frame: 0.000016460 seconds]
```



```
[Time since reference or first frame: 207.482074273 seconds]
Frame Number: 3913
Frame Length: 112 bytes (896 bits)
Capture Length: 112 bytes (896 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp:data]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
  Payload Length: 58
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 89, Ack: 193, Len: 26
  Source Port: 12021
  Destination Port: 45655
  [Stream index: 50]
  [TCP Segment Len: 26]
  Sequence number: 89 (relative sequence number)
  [Next sequence number: 115 (relative sequence number)]
  Acknowledgment number: 193 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, 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
    .... .... 1... = Push: Set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
  [TCP Flags: .....AP...]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0042 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651505678, TSecr 2651505678
      Kind: Time Stamp Option (8)
```

```

    Length: 10
    Timestamp value: 2651505678
    Timestamp echo reply: 2651505678
[SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 3912]
    [The RTT to ACK the segment was: 0.000016460 seconds]
    [Bytes in flight: 26]
    [Bytes sent since last PSH flag: 26]
[Timestamps]
    [Time since first frame in this TCP stream: 97.699033171 seconds]
    [Time since previous frame in this TCP stream: 0.000016460 seconds]
TCP payload (26 bytes)
Data (26 bytes)
0000  0a 3a 58 31 39 31 37 30 37 38 31 4e 30 32 30 31  ..X19170781N0201
0010  31 32 46 45 35 32 36 42 3b 0a                      12FE526B;.
    Data: 0a3a5831393137303738314e303230313132464535323642...
    [Length: 26]
No.      Time                Source                Destination            Protocol Length Info
 3914 207.486447245      ::1                  ::1                    TCP                    110      45655 → 12021 [PSH, ACK] Seq=193
Ack=115 Win=512 Len=24 TSval=2651505683 TSecr=2651505678
Frame 3914: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface 1
    Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:11.481212265 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817691.481212265 seconds
    [Time delta from previous captured frame: 0.004372972 seconds]
    [Time delta from previous displayed frame: 0.004372972 seconds]
    [Time since reference or first frame: 207.486447245 seconds]
    Frame Number: 3914
    Frame Length: 110 bytes (880 bits)
    Capture Length: 110 bytes (880 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
            .... 0. .... = LG bit: Globally unique address (factory default)
            .... 0. .... = IG bit: Individual address (unicast)
    Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
            .... 0. .... = LG bit: Globally unique address (factory default)
            .... 0. .... = IG bit: Individual address (unicast)
    Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
    0110 .... = Version: 6
    .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
    .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
    .... .... 000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    .... .... 0001 1101 0011 1011 0011 = Flow Label: 0x1d3b3
    Payload Length: 56
    Next Header: TCP (6)
    Hop Limit: 64
    Source: ::1
    Destination: ::1
Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 193, Ack: 115, Len: 24
    Source Port: 45655
    Destination Port: 12021
    [Stream index: 50]
    [TCP Segment Len: 24]
```

```
Sequence number: 193      (relative sequence number)
[Next sequence number: 217      (relative sequence number)]
Acknowledgment number: 115      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
  .... .... 1... = Push: Set
  .... .... .0.. = Reset: Not set
  .... .... ..0. = Syn: Not set
  .... .... ...0 = Fin: Not set
  [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0040 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651505683, TSecr 2651505678
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651505683
    Timestamp echo reply: 2651505678
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 3913]
  [The RTT to ACK the segment was: 0.004372972 seconds]
  [Bytes in flight: 24]
  [Bytes sent since last PSH flag: 24]
[Timestamps]
  [Time since first frame in this TCP stream: 97.703406143 seconds]
  [Time since previous frame in this TCP stream: 0.004372972 seconds]
TCP payload (24 bytes)
Data (24 bytes)
0000 3a 58 31 39 31 37 30 42 44 39 4e 30 35 30 31 30 :X19170BD9N05010
0010 31 30 31 32 32 30 30 3b                        1012200;
Data: 3a5831393137304244394e303530313031323230303b
[Length: 24]
No.      Time                Source                Destination          Protocol Length Info
  3915 207.523313417      ::1                  ::1                  TCP                  86      12021 → 39225 [ACK] Seq=115
Ack=73 Win=512 Len=0 TSval=2651505720 TSecr=2651505678
Frame 3915: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:48:11.518078437 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817691.518078437 seconds
  [Time delta from previous captured frame: 0.036866172 seconds]
  [Time delta from previous displayed frame: 0.036866172 seconds]
  [Time since reference or first frame: 207.523313417 seconds]
  Frame Number: 3915
  Frame Length: 86 bytes (688 bits)
  Capture Length: 86 bytes (688 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
```

```
[Protocols in frame: eth:ethertype:ipv6:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 0000 0111 0100 0000 1011 = Flow Label: 0x0740b
  Payload Length: 32
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 39225, Seq: 115, Ack: 73, Len: 0
  Source Port: 12021
  Destination Port: 39225
  [Stream index: 49]
  [TCP Segment Len: 0]
  Sequence number: 115 (relative sequence number)
  [Next sequence number: 115 (relative sequence number)]
  Acknowledgment number: 73 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (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
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
  [TCP Flags: .....A....]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0028 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651505720, TSecr 2651505678
      Kind: Time Stamp Option (8)
      Length: 10
      Timestamp value: 2651505720
      Timestamp echo reply: 2651505678
  [SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 3911]
    [The RTT to ACK the segment was: 0.041596896 seconds]
```

```
[Timestamps]
[Time since first frame in this TCP stream: 97.740356354 seconds]
[Time since previous frame in this TCP stream: 0.041596896 seconds]
No.      Time      Source      Destination      Protocol Length Info
   3916  207.527308626  ::1         ::1              TCP           86      12021 → 45655 [ACK] Seq=115
Ack=217 Win=512 Len=0 TSval=2651505724 TSecr=2651505683
Frame 3916: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:11.522073646 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817691.522073646 seconds
    [Time delta from previous captured frame: 0.003995209 seconds]
    [Time delta from previous displayed frame: 0.003995209 seconds]
    [Time since reference or first frame: 207.527308626 seconds]
    Frame Number: 3916
    Frame Length: 86 bytes (688 bits)
    Capture Length: 86 bytes (688 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
  Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
      Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        .... ..0. .... = LG bit: Globally unique address (factory default)
        .... ...0 .... = IG bit: Individual address (unicast)
      Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
          .... ..0. .... = LG bit: Globally unique address (factory default)
          .... ...0 .... = IG bit: Individual address (unicast)
      Type: IPv6 (0x86dd)
    Internet Protocol Version 6, Src: ::1, Dst: ::1
      0110 .... = Version: 6
      .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
      .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
      .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
      .... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
      Payload Length: 32
      Next Header: TCP (6)
      Hop Limit: 64
      Source: ::1
      Destination: ::1
    Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 115, Ack: 217, Len: 0
      Source Port: 12021
      Destination Port: 45655
      [Stream index: 50]
      [TCP Segment Len: 0]
      Sequence number: 115 (relative sequence number)
      [Next sequence number: 115 (relative sequence number)]
      Acknowledgment number: 217 (relative ack number)
      1000 .... = Header Length: 32 bytes (8)
      Flags: 0x010 (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
        .... .... .0.. = Reset: Not set
        .... .... ..0. = Syn: Not set
```

```

    .... 0 = Fin: Not set
    [TCP Flags: .....A....]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651505724, TSecr 2651505683
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651505724
        Timestamp echo reply: 2651505683
[SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 3914]
    [The RTT to ACK the segment was: 0.040861381 seconds]
[Timestamps]
    [Time since first frame in this TCP stream: 97.744267524 seconds]
    [Time since previous frame in this TCP stream: 0.040861381 seconds]
No.      Time                Source                Destination                Protocol Length Info
 3917 207.527319246      ::1                  ::1                        TCP              102      45655 → 12021 [PSH, ACK] Seq=217
Ack=115 Win=512 Len=16 TSval=2651505724 TSecr=2651505724
Frame 3917: 102 bytes on wire (816 bits), 102 bytes captured (816 bits) on interface 1
    Interface id: 1 (lo)
        Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:11.522084266 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817691.522084266 seconds
    [Time delta from previous captured frame: 0.000010620 seconds]
    [Time delta from previous displayed frame: 0.000010620 seconds]
    [Time since reference or first frame: 207.527319246 seconds]
    Frame Number: 3917
    Frame Length: 102 bytes (816 bits)
    Capture Length: 102 bytes (816 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
            .... 0. .... = LG bit: Globally unique address (factory default)
            .... 0 .... = IG bit: Individual address (unicast)
    Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
            .... 0. .... = LG bit: Globally unique address (factory default)
            .... 0 .... = IG bit: Individual address (unicast)
    Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
    0110 .... = Version: 6
    .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
    .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
    .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    .... 0001 1101 0011 1011 0011 = Flow Label: 0x1d3b3
    Payload Length: 48
    Next Header: TCP (6)
    Hop Limit: 64
```

/tmp/wireshark\_2\_interfaces\_20221223124442\_8xUbTZ.pcapng 7621 total packets, 94 shown

```
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 217, Ack: 115, Len: 16
Source Port: 45655
Destination Port: 12021
[Stream index: 50]
[TCP Segment Len: 16]
Sequence number: 217      (relative sequence number)
[Next sequence number: 233      (relative sequence number)]
Acknowledgment number: 115      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
  .... .... 1... = Push: Set
  .... .... .0.. = Reset: Not set
  .... .... ..0. = Syn: Not set
  .... .... ...0 = Fin: Not set
[TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0038 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651505724, TSecr 2651505724
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651505724
    Timestamp echo reply: 2651505724
[SEQ/ACK analysis]
  [Bytes in flight: 16]
  [Bytes sent since last PSH flag: 16]
[Timestamps]
  [Time since first frame in this TCP stream: 97.744278144 seconds]
  [Time since previous frame in this TCP stream: 0.000010620 seconds]
TCP payload (16 bytes)
Data (16 bytes)
0000 3a 58 31 39 44 45 38 42 44 39 4e 30 37 38 31 3b    :X19DE8BD9N0781;
Data: 3a5831394445384244394e303738313b
[Length: 16]
No.      Time                Source                Destination           Protocol Length Info
3918 207.527324248      ::1                  ::1                   TCP                   86      12021 → 45655 [ACK] Seq=115
Ack=233 Win=512 Len=0 TSval=2651505724 TSecr=2651505724
Frame 3918: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
Interface id: 1 (lo)
Interface name: lo
Encapsulation type: Ethernet (1)
Arrival Time: Dec 23, 2022 12:48:11.522089268 EST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1671817691.522089268 seconds
[Time delta from previous captured frame: 0.000005002 seconds]
[Time delta from previous displayed frame: 0.000005002 seconds]
[Time since reference or first frame: 207.527324248 seconds]
Frame Number: 3918
```

```
Frame Length: 86 bytes (688 bits)
Capture Length: 86 bytes (688 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0. .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0. .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  ....0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  ....0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... ....00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... ....1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
  Payload Length: 32
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 115, Ack: 233, Len: 0
  Source Port: 12021
  Destination Port: 45655
  [Stream index: 50]
  [TCP Segment Len: 0]
  Sequence number: 115 (relative sequence number)
  [Next sequence number: 115 (relative sequence number)]
  Acknowledgment number: 233 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (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
    ....0... .... = Reset: Not set
    ....0... .... = Syn: Not set
    ....0... .... = Fin: Not set
  [TCP Flags: .....A....]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0028 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651505724, TSecr 2651505724
      Kind: Time Stamp Option (8)
      Length: 10
      Timestamp value: 2651505724
```



```
Timestamp echo reply: 2651505724
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 3917]
  [The RTT to ACK the segment was: 0.000005002 seconds]
[Timestamps]
  [Time since first frame in this TCP stream: 97.744283146 seconds]
  [Time since previous frame in this TCP stream: 0.000005002 seconds]
No.      Time                Source                Destination                Protocol Length Info
 3937 208.701082071  ::1                ::1                TCP                98      12021 → 39225 [PSH, ACK] Seq=115
Ack=73 Win=512 Len=12 TSval=2651506897 TSecr=2651505678
Frame 3937: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:12.695847091 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817692.695847091 seconds
    [Time delta from previous captured frame: 1.235090426 seconds]
    [Time delta from previous displayed frame: 1.173757823 seconds]
    [Time since reference or first frame: 208.701082071 seconds]
    Frame Number: 3937
    Frame Length: 98 bytes (784 bits)
    Capture Length: 98 bytes (784 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
  Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
      Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        ....0. .... = LG bit: Globally unique address (factory default)
        ....0. .... = IG bit: Individual address (unicast)
    Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
      Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        ....0. .... = LG bit: Globally unique address (factory default)
        ....0. .... = IG bit: Individual address (unicast)
    Type: IPv6 (0x86dd)
  Internet Protocol Version 6, Src: ::1, Dst: ::1
    0110 .... = Version: 6
    .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
    .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
    .... .... 0000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    .... .... 0000 0111 0100 0000 1011 = Flow Label: 0x0740b
  Payload Length: 44
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 39225, Seq: 115, Ack: 73, Len: 12
  Source Port: 12021
  Destination Port: 39225
  [Stream index: 49]
  [TCP Segment Len: 12]
  Sequence number: 115 (relative sequence number)
  [Next sequence number: 127 (relative sequence number)]
  Acknowledgment number: 73 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, ACK)
    000. .... = Reserved: Not set
    ...0 .... = Nonce: Not set
    .... 0... = Congestion Window Reduced (CWR): Not set
    ....0... = ECN-Echo: Not set
    ....0.0. = Urgent: Not set
```

```

    .... 1 .... = Acknowledgment: Set
    .... 1... = Push: Set
    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
    [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0034 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651506897, TSecr 2651505678
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651506897
        Timestamp echo reply: 2651505678
[SEQ/ACK analysis]
    [Bytes in flight: 12]
    [Bytes sent since last PSH flag: 12]
[Timestamps]
    [Time since first frame in this TCP stream: 98.918125008 seconds]
    [Time since previous frame in this TCP stream: 1.177768654 seconds]
TCP payload (12 bytes)
Data (12 bytes)
0000 3a 58 31 39 34 39 30 37 38 31 4e 3b          :X19490781N;
Data: 3a5831393439303738314e3b
[Length: 12]
No.      Time          Source          Destination      Protocol Length Info
 3938 208.701144470  ::1            ::1              TCP              98      12021 → 45655 [PSH, ACK] Seq=115
Ack=233 Win=512 Len=12 TSval=2651506898 TSecr=2651505724
Frame 3938: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface 1
    Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:12.695909490 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817692.695909490 seconds
    [Time delta from previous captured frame: 0.000062399 seconds]
    [Time delta from previous displayed frame: 0.000062399 seconds]
    [Time since reference or first frame: 208.701144470 seconds]
    Frame Number: 3938
    Frame Length: 98 bytes (784 bits)
    Capture Length: 98 bytes (784 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
            .... 0. .... = LG bit: Globally unique address (factory default)
            .... 0 .... = IG bit: Individual address (unicast)
    Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
            .... 0. .... = LG bit: Globally unique address (factory default)
            .... 0 .... = IG bit: Individual address (unicast)
    Type: IPv6 (0x86dd)
```

```
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
Payload Length: 44
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 115, Ack: 233, Len: 12
Source Port: 12021
Destination Port: 45655
[Stream index: 50]
[TCP Segment Len: 12]
Sequence number: 115 (relative sequence number)
[Next sequence number: 127 (relative sequence number)]
Acknowledgment number: 233 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
  .... .... 1... = Push: Set
  .... .... .0.. = Reset: Not set
  .... .... ..0. = Syn: Not set
  .... .... ...0 = Fin: Not set
  [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0034 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651506898, TSecr 2651505724
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651506898
    Timestamp echo reply: 2651505724
[SEQ/ACK analysis]
  [Bytes in flight: 12]
  [Bytes sent since last PSH flag: 12]
[Timestamps]
  [Time since first frame in this TCP stream: 98.918103368 seconds]
  [Time since previous frame in this TCP stream: 1.173820222 seconds]
TCP payload (12 bytes)
Data (12 bytes)
0000 3a 58 31 39 34 39 30 37 38 31 4e 3b :X19490781N;
Data: 3a5831393439303738314e3b
[Length: 12]
No.      Time      Source      Destination      Protocol Length Info
  3939 208.704824318 ::1      ::1      TCP      110      39225 → 12021 [PSH, ACK] Seq=73
Ack=127 Win=512 Len=24 TSval=2651506901 TSecr=2651506897
Frame 3939: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface 1
Interface id: 1 (lo)
```

```
Interface name: lo
Encapsulation type: Ethernet (1)
Arrival Time: Dec 23, 2022 12:48:12.699589338 EST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1671817692.699589338 seconds
[Time delta from previous captured frame: 0.003679848 seconds]
[Time delta from previous displayed frame: 0.003679848 seconds]
[Time since reference or first frame: 208.704824318 seconds]
Frame Number: 3939
Frame Length: 110 bytes (880 bits)
Capture Length: 110 bytes (880 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp:data]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... 0. .... = LG bit: Globally unique address (factory default)
.... 0 .... = IG bit: Individual address (unicast)
Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... 0. .... = LG bit: Globally unique address (factory default)
.... 0 .... = IG bit: Individual address (unicast)
Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
.... .... 000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... 1001 0100 1000 0101 0001 = Flow Label: 0x94851
Payload Length: 56
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 39225, Dst Port: 12021, Seq: 73, Ack: 127, Len: 24
Source Port: 39225
Destination Port: 12021
[Stream index: 49]
[TCP Segment Len: 24]
Sequence number: 73 (relative sequence number)
[Next sequence number: 97 (relative sequence number)]
Acknowledgment number: 127 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
.... .... 1... = Push: Set
.... .... .0.. = Reset: Not set
.... .... ..0. = Syn: Not set
.... .... ...0 = Fin: Not set
[TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0040 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
```

```
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651506901, TSecr 2651506897
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651506901
    Timestamp echo reply: 2651506897
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 3937]
  [The RTT to ACK the segment was: 0.003742247 seconds]
  [Bytes in flight: 24]
  [Bytes sent since last PSH flag: 24]
[Timestamps]
  [Time since first frame in this TCP stream: 98.921867255 seconds]
  [Time since previous frame in this TCP stream: 0.003742247 seconds]
TCP payload (24 bytes)
Data (24 bytes)
0000 3a 58 31 39 31 37 30 42 30 35 4e 30 35 30 31 30 :X19170B05N05010
0010 31 30 31 32 32 45 45 3b 10122EE;
Data: 3a5831393137304230354e303530313031323245453b
[Length: 24]
No.      Time                Source                Destination                Protocol Length Info
3940 208.704853566 ::1 ::1 TCP 112 12021 → 39225 [PSH, ACK] Seq=127
Ack=97 Win=512 Len=26 TSval=2651506901 TSecr=2651506901
Frame 3940: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:48:12.699618586 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817692.699618586 seconds
  [Time delta from previous captured frame: 0.000029248 seconds]
  [Time delta from previous displayed frame: 0.000029248 seconds]
  [Time since reference or first frame: 208.704853566 seconds]
  Frame Number: 3940
  Frame Length: 112 bytes (896 bits)
  Capture Length: 112 bytes (896 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ipv6:tcp:data]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... 0. .... = LG bit: Globally unique address (factory default)
      .... 0. .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... 0. .... = LG bit: Globally unique address (factory default)
      .... 0. .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
.... .... 000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... 0000 0111 0100 0000 1011 = Flow Label: 0x0740b
Payload Length: 58
Next Header: TCP (6)
Hop Limit: 64
```

```
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 39225, Seq: 127, Ack: 97, Len: 26
Source Port: 12021
Destination Port: 39225
[Stream index: 49]
[TCP Segment Len: 26]
Sequence number: 127      (relative sequence number)
[Next sequence number: 153      (relative sequence number)]
Acknowledgment number: 97      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
  .... .... 1... = Push: Set
  .... .... .0.. = Reset: Not set
  .... .... ..0. = Syn: Not set
  .... .... ...0 = Fin: Not set
[TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0042 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651506901, TSecr 2651506901
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651506901
    Timestamp echo reply: 2651506901
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 3939]
  [The RTT to ACK the segment was: 0.000029248 seconds]
  [Bytes in flight: 26]
  [Bytes sent since last PSH flag: 26]
[Timestamps]
  [Time since first frame in this TCP stream: 98.921896503 seconds]
  [Time since previous frame in this TCP stream: 0.000029248 seconds]
TCP payload (26 bytes)
Data (26 bytes)
0000 0a 3a 58 31 39 31 37 30 37 38 31 4e 30 32 30 31  .:X19170781N0201
0010 31 32 46 45 35 32 36 42 3b 0a                  12FE526B;.
Data: 0a3a5831393137303738314e303230313132464535323642...
[Length: 26]
No.      Time            Source            Destination      Protocol Length Info
  3941 208.705242455      ::1              ::1              TCP              110      45655 → 12021 [PSH, ACK] Seq=233
Ack=127 Win=512 Len=24 TSval=2651506902 TSecr=2651506898
Frame 3941: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:48:12.700007475 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817692.700007475 seconds
  [Time delta from previous captured frame: 0.000388889 seconds]
```

```
[Time delta from previous displayed frame: 0.000388889 seconds]
[Time since reference or first frame: 208.705242455 seconds]
Frame Number: 3941
Frame Length: 110 bytes (880 bits)
Capture Length: 110 bytes (880 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp:data]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... ..0. .... = LG bit: Globally unique address (factory default)
.... ...0 .... = IG bit: Individual address (unicast)
Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... ..0. .... = LG bit: Globally unique address (factory default)
.... ...0 .... = IG bit: Individual address (unicast)
Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
.... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... 0001 1101 0011 1011 0011 = Flow Label: 0x1d3b3
Payload Length: 56
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 233, Ack: 127, Len: 24
Source Port: 45655
Destination Port: 12021
[Stream index: 50]
[TCP Segment Len: 24]
Sequence number: 233 (relative sequence number)
[Next sequence number: 257 (relative sequence number)]
Acknowledgment number: 127 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
.... .... 1... = Push: Set
.... .... .0.. = Reset: Not set
.... .... ..0. = Syn: Not set
.... .... ...0 = Fin: Not set
[TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0040 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
TCP Option - No-Operation (NOP)
Kind: No-Operation (1)
TCP Option - No-Operation (NOP)
Kind: No-Operation (1)
TCP Option - Timestamps: TSval 2651506902, TSecr 2651506898
```

```
Kind: Time Stamp Option (8)
Length: 10
Timestamp value: 2651506902
Timestamp echo reply: 2651506898
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 3938]
  [The RTT to ACK the segment was: 0.004097985 seconds]
  [Bytes in flight: 24]
  [Bytes sent since last PSH flag: 24]
[Timestamps]
  [Time since first frame in this TCP stream: 98.922201353 seconds]
  [Time since previous frame in this TCP stream: 0.004097985 seconds]
TCP payload (24 bytes)
Data (24 bytes)
0000 3a 58 31 39 31 37 30 42 44 39 4e 30 35 30 31 30 :X19170BD9N05010
0010 31 30 31 32 32 30 30 3b                        1012200;
Data: 3a5831393137304244394e303530313031323230303b
[Length: 24]
No.    Time                Source                Destination          Protocol Length Info
3942 208.705267254      ::1                  ::1                  TCP                  112    12021 → 45655 [PSH, ACK] Seq=127
Ack=257 Win=512 Len=26 TSval=2651506902 TSecr=2651506902
Frame 3942: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:48:12.700032274 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817692.700032274 seconds
  [Time delta from previous captured frame: 0.000024799 seconds]
  [Time delta from previous displayed frame: 0.000024799 seconds]
  [Time since reference or first frame: 208.705267254 seconds]
  Frame Number: 3942
  Frame Length: 112 bytes (896 bits)
  Capture Length: 112 bytes (896 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ipv6:tcp:data]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... 000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
  Payload Length: 58
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 127, Ack: 257, Len: 26
  Source Port: 12021
  Destination Port: 45655
  [Stream index: 50]
```



```
[TCP Segment Len: 26]
Sequence number: 127      (relative sequence number)
[Next sequence number: 153      (relative sequence number)]
Acknowledgment number: 257      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
  .... .... 1... = Push: Set
  .... ..... 0.. = Reset: Not set
  .... ..... ..0. = Syn: Not set
  .... ..... ...0 = Fin: Not set
[TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0042 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651506902, TSecr 2651506902
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651506902
    Timestamp echo reply: 2651506902
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 3941]
  [The RTT to ACK the segment was: 0.000024799 seconds]
  [Bytes in flight: 26]
  [Bytes sent since last PSH flag: 26]
[Timestamps]
  [Time since first frame in this TCP stream: 98.922226152 seconds]
  [Time since previous frame in this TCP stream: 0.000024799 seconds]
TCP payload (26 bytes)
Data (26 bytes)
0000  0a 3a 58 31 39 31 37 30 37 38 31 4e 30 32 30 31    .:X19170781N0201
0010  31 32 46 45 35 32 36 42 3b 0a                      12FE526B;.
Data: 0a3a5831393137303738314e303230313132464535323642...
[Length: 26]
No.      Time                Source                Destination                Protocol Length Info
  3943  208.747328855    ::1                  ::1                          TCP                86      45655 → 12021 [ACK] Seq=257
Ack=153 Win=512 Len=0 TSval=2651506944 TSecr=2651506902
Frame 3943: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:48:12.742093875 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817692.742093875 seconds
  [Time delta from previous captured frame: 0.042061601 seconds]
  [Time delta from previous displayed frame: 0.042061601 seconds]
  [Time since reference or first frame: 208.747328855 seconds]
  Frame Number: 3943
  Frame Length: 86 bytes (688 bits)
  Capture Length: 86 bytes (688 bits)
  [Frame is marked: False]
```

```
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
    .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
    .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 0001 1101 0011 1011 0011 = Flow Label: 0x1d3b3
  Payload Length: 32
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 257, Ack: 153, Len: 0
  Source Port: 45655
  Destination Port: 12021
  [Stream index: 50]
  [TCP Segment Len: 0]
  Sequence number: 257 (relative sequence number)
  [Next sequence number: 257 (relative sequence number)]
  Acknowledgment number: 153 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (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
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
  [TCP Flags: .....A....]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0028 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651506944, TSecr 2651506902
      Kind: Time Stamp Option (8)
      Length: 10
      Timestamp value: 2651506944
      Timestamp echo reply: 2651506902
  [SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 3942]
```

```
[The RTT to ACK the segment was: 0.042061601 seconds]
[Timestamps]
[Time since first frame in this TCP stream: 98.964287753 seconds]
[Time since previous frame in this TCP stream: 0.042061601 seconds]
No.      Time            Source            Destination            Protocol Length Info
 3944 208.747330254    ::1              ::1                    TCP            86      39225 → 12021 [ACK] Seq=97
Ack=153 Win=512 Len=0 TSval=2651506944 TSecr=2651506901
Frame 3944: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:12.742095274 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817692.742095274 seconds
    [Time delta from previous captured frame: 0.000001399 seconds]
    [Time delta from previous displayed frame: 0.000001399 seconds]
    [Time since reference or first frame: 208.747330254 seconds]
    Frame Number: 3944
    Frame Length: 86 bytes (688 bits)
    Capture Length: 86 bytes (688 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
  Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
      Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        .... ..0. .... = LG bit: Globally unique address (factory default)
        .... ...0 .... = IG bit: Individual address (unicast)
    Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
      Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        .... ..0. .... = LG bit: Globally unique address (factory default)
        .... ...0 .... = IG bit: Individual address (unicast)
    Type: IPv6 (0x86dd)
  Internet Protocol Version 6, Src: ::1, Dst: ::1
    0110 .... = Version: 6
    .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
    .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
    .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    .... .... 1001 0100 1000 0101 0001 = Flow Label: 0x94851
    Payload Length: 32
    Next Header: TCP (6)
    Hop Limit: 64
    Source: ::1
    Destination: ::1
  Transmission Control Protocol, Src Port: 39225, Dst Port: 12021, Seq: 97, Ack: 153, Len: 0
    Source Port: 39225
    Destination Port: 12021
    [Stream index: 49]
    [TCP Segment Len: 0]
    Sequence number: 97      (relative sequence number)
    [Next sequence number: 97      (relative sequence number)]
    Acknowledgment number: 153      (relative ack number)
    1000 .... = Header Length: 32 bytes (8)
    Flags: 0x010 (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
      .... .... .0.. = Reset: Not set
```

```

    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
    [TCP Flags: .....A....]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651506944, TSecr 2651506901
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651506944
        Timestamp echo reply: 2651506901
[SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 3940]
    [The RTT to ACK the segment was: 0.042476688 seconds]
[Timestamps]
    [Time since first frame in this TCP stream: 98.964373191 seconds]
    [Time since previous frame in this TCP stream: 0.042476688 seconds]
No.      Time                Source                Destination                Protocol Length Info
3946 209.557016323  ::1                ::1                TCP                98      12021 → 39225 [PSH, ACK] Seq=153
Ack=97 Win=512 Len=12 TSval=2651507753 TSecr=2651506944
Frame 3946: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface 1
    Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:13.551781343 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817693.551781343 seconds
    [Time delta from previous captured frame: 0.863429096 seconds]
    [Time delta from previous displayed frame: 0.809686069 seconds]
    [Time since reference or first frame: 209.557016323 seconds]
    Frame Number: 3946
    Frame Length: 98 bytes (784 bits)
    Capture Length: 98 bytes (784 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
            .... ..0. .... = LG bit: Globally unique address (factory default)
            .... ...0 .... = IG bit: Individual address (unicast)
    Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
            .... ..0. .... = LG bit: Globally unique address (factory default)
            .... ...0 .... = IG bit: Individual address (unicast)
    Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
    0110 .... = Version: 6
    .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
    .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
    .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    .... .... 0000 0111 0100 0000 1011 = Flow Label: 0x0740b
    Payload Length: 44
    Next Header: TCP (6)
```

```
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 39225, Seq: 153, Ack: 97, Len: 12
Source Port: 12021
Destination Port: 39225
[Stream index: 49]
[TCP Segment Len: 12]
Sequence number: 153 (relative sequence number)
[Next sequence number: 165 (relative sequence number)]
Acknowledgment number: 97 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
  .... .... 1... = Push: Set
  .... .... .0.. = Reset: Not set
  .... .... ..0. = Syn: Not set
  .... .... ...0 = Fin: Not set
  [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0034 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651507753, TSecr 2651506944
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651507753
    Timestamp echo reply: 2651506944
[SEQ/ACK analysis]
  [Bytes in flight: 12]
  [Bytes sent since last PSH flag: 12]
[Timestamps]
  [Time since first frame in this TCP stream: 99.774059260 seconds]
  [Time since previous frame in this TCP stream: 0.809686069 seconds]
TCP payload (12 bytes)
Data (12 bytes)
0000 3a 58 31 39 34 39 30 37 38 31 4e 3b :X19490781N;
Data: 3a5831393439303738314e3b
[Length: 12]
No.      Time      Source      Destination      Protocol Length Info
  3947 209.557037525 ::1      ::1      TCP      86      39225 → 12021 [ACK] Seq=97
Ack=165 Win=512 Len=0 TSval=2651507753 TSecr=2651507753
Frame 3947: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:48:13.551802545 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817693.551802545 seconds
  [Time delta from previous captured frame: 0.000021202 seconds]
  [Time delta from previous displayed frame: 0.000021202 seconds]
  [Time since reference or first frame: 209.557037525 seconds]
```

```
Frame Number: 3947
Frame Length: 86 bytes (688 bits)
Capture Length: 86 bytes (688 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
    .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
    .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 1001 0100 1000 0101 0001 = Flow Label: 0x94851
  Payload Length: 32
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 39225, Dst Port: 12021, Seq: 97, Ack: 165, Len: 0
  Source Port: 39225
  Destination Port: 12021
  [Stream index: 49]
  [TCP Segment Len: 0]
  Sequence number: 97 (relative sequence number)
  [Next sequence number: 97 (relative sequence number)]
  Acknowledgment number: 165 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (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
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
  [TCP Flags: .....A....]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0028 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651507753, TSecr 2651507753
      Kind: Time Stamp Option (8)
      Length: 10
```

/tmp/wireshark\_2\_interfaces\_20221223124442\_8xUbTZ.pcapng 7647 total packets, 94 shown

```

    Timestamp value: 2651507753
    Timestamp echo reply: 2651507753
[SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 3946]
    [The RTT to ACK the segment was: 0.000021202 seconds]
[Timestamps]
    [Time since first frame in this TCP stream: 99.774080462 seconds]
    [Time since previous frame in this TCP stream: 0.000021202 seconds]
No.      Time                Source                Destination                Protocol Length Info
 3948 209.557070751  ::1                ::1                TCP                87      12021 → 39225 [PSH, ACK] Seq=165
Ack=97 Win=512 Len=1 TSval=2651507753 TSecr=2651507753
Frame 3948: 87 bytes on wire (696 bits), 87 bytes captured (696 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:13.551835771 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817693.551835771 seconds
    [Time delta from previous captured frame: 0.000033226 seconds]
    [Time delta from previous displayed frame: 0.000033226 seconds]
    [Time since reference or first frame: 209.557070751 seconds]
    Frame Number: 3948
    Frame Length: 87 bytes (696 bits)
    Capture Length: 87 bytes (696 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... 0. .... = LG bit: Globally unique address (factory default)
      .... 0. .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... 0. .... = LG bit: Globally unique address (factory default)
      .... 0. .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... 0000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 0000 0111 0100 0000 1011 = Flow Label: 0x0740b
  Payload Length: 33
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 39225, Seq: 165, Ack: 97, Len: 1
  Source Port: 12021
  Destination Port: 39225
  [Stream index: 49]
  [TCP Segment Len: 1]
  Sequence number: 165 (relative sequence number)
  [Next sequence number: 166 (relative sequence number)]
  Acknowledgment number: 97 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, 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
    .... .... 1... = Push: Set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
    [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0029 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651507753, TSecr 2651507753
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651507753
        Timestamp echo reply: 2651507753
[SEQ/ACK analysis]
    [Bytes in flight: 1]
    [Bytes sent since last PSH flag: 1]
[Timestamps]
    [Time since first frame in this TCP stream: 99.774113688 seconds]
    [Time since previous frame in this TCP stream: 0.000033226 seconds]
TCP payload (1 byte)
Data (1 byte)
0000 0a
    Data: 0a
    [Length: 1]
No.      Time                Source                Destination            Protocol Length Info
3949 209.557075493  ::1                  ::1                    TCP                    86      39225 → 12021 [ACK] Seq=97
Ack=166 Win=512 Len=0 TSval=2651507753 TSecr=2651507753
Frame 3949: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
    Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:13.551840513 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817693.551840513 seconds
    [Time delta from previous captured frame: 0.000004742 seconds]
    [Time delta from previous displayed frame: 0.000004742 seconds]
    [Time since reference or first frame: 209.557075493 seconds]
    Frame Number: 3949
    Frame Length: 86 bytes (688 bits)
    Capture Length: 86 bytes (688 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
            .... ..0. .... = LG bit: Globally unique address (factory default)
            .... ...0 .... = IG bit: Individual address (unicast)
    Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
            .... ..0. .... = LG bit: Globally unique address (factory default)
            .... ...0 .... = IG bit: Individual address (unicast)
```



```
Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
    .... 0000 00... = Differentiated Services Codepoint: Default (0)
      .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... 1001 0100 1000 0101 0001 = Flow Label: 0x94851
Payload Length: 32
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 39225, Dst Port: 12021, Seq: 97, Ack: 166, Len: 0
  Source Port: 39225
  Destination Port: 12021
  [Stream index: 49]
  [TCP Segment Len: 0]
  Sequence number: 97 (relative sequence number)
  [Next sequence number: 97 (relative sequence number)]
  Acknowledgment number: 166 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (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
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
  [TCP Flags: .....A....]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0028 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651507753, TSecr 2651507753
      Kind: Time Stamp Option (8)
      Length: 10
      Timestamp value: 2651507753
      Timestamp echo reply: 2651507753
  [SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 3948]
    [The RTT to ACK the segment was: 0.000004742 seconds]
  [Timestamps]
    [Time since first frame in this TCP stream: 99.774118430 seconds]
    [Time since previous frame in this TCP stream: 0.000004742 seconds]
No.      Time      Source      Destination      Protocol Length Info
  3950 209.557098165 ::1 ::1 TCP 98 12021 → 45655 [PSH, ACK] Seq=153
Ack=257 Win=512 Len=12 TSval=2651507754 TSecr=2651506944
Frame 3950: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:48:13.551863185 EST
  [Time shift for this packet: 0.000000000 seconds]
```

```
Epoch Time: 1671817693.551863185 seconds
[Time delta from previous captured frame: 0.000022672 seconds]
[Time delta from previous displayed frame: 0.000022672 seconds]
[Time since reference or first frame: 209.557098165 seconds]
Frame Number: 3950
Frame Length: 98 bytes (784 bits)
Capture Length: 98 bytes (784 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp:data]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... ..0. .... = LG bit: Globally unique address (factory default)
.... ..0 .... = IG bit: Individual address (unicast)
Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... ..0. .... = LG bit: Globally unique address (factory default)
.... ..0 .... = IG bit: Individual address (unicast)
Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
.... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
Payload Length: 44
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 153, Ack: 257, Len: 12
Source Port: 12021
Destination Port: 45655
[Stream index: 50]
[TCP Segment Len: 12]
Sequence number: 153 (relative sequence number)
[Next sequence number: 165 (relative sequence number)]
Acknowledgment number: 257 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
.... .... 1... = Push: Set
.... .... .0.. = Reset: Not set
.... .... ..0. = Syn: Not set
.... .... ...0 = Fin: Not set
[TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0034 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
TCP Option - No-Operation (NOP)
Kind: No-Operation (1)
TCP Option - No-Operation (NOP)
```

```
Kind: No-Operation (1)
TCP Option - Timestamps: TSval 2651507754, TSecr 2651506944
Kind: Time Stamp Option (8)
Length: 10
Timestamp value: 2651507754
Timestamp echo reply: 2651506944
[SEQ/ACK analysis]
[Bytes in flight: 12]
[Bytes sent since last PSH flag: 12]
[Timestamps]
[Time since first frame in this TCP stream: 99.774057063 seconds]
[Time since previous frame in this TCP stream: 0.809769310 seconds]
TCP payload (12 bytes)
Data (12 bytes)
0000 3a 58 31 39 34 39 30 37 38 31 4e 3b          :X19490781N;
Data: 3a5831393439303738314e3b
[Length: 12]
No.      Time      Source      Destination      Protocol Length Info
3951 209.557108085 ::1      ::1      TCP      86      45655 → 12021 [ACK] Seq=257
Ack=165 Win=512 Len=0 TSval=2651507754 TSecr=2651507754
Frame 3951: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
Interface id: 1 (lo)
Interface name: lo
Encapsulation type: Ethernet (1)
Arrival Time: Dec 23, 2022 12:48:13.551873105 EST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1671817693.551873105 seconds
[Time delta from previous captured frame: 0.000009920 seconds]
[Time delta from previous displayed frame: 0.000009920 seconds]
[Time since reference or first frame: 209.557108085 seconds]
Frame Number: 3951
Frame Length: 86 bytes (688 bits)
Capture Length: 86 bytes (688 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... ..0. .... = LG bit: Globally unique address (factory default)
.... ...0 .... = IG bit: Individual address (unicast)
Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... ..0. .... = LG bit: Globally unique address (factory default)
.... ...0 .... = IG bit: Individual address (unicast)
Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
.... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... 0001 1101 0011 1011 0011 = Flow Label: 0x1d3b3
Payload Length: 32
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 257, Ack: 165, Len: 0
Source Port: 45655
Destination Port: 12021
[Stream index: 50]
[TCP Segment Len: 0]
```

Sequence number: 257 (relative sequence number)  
[Next sequence number: 257 (relative sequence number)]  
Acknowledgment number: 165 (relative ack number)  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (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  
    .... .... .0.. = Reset: Not set  
    .... .... ..0. = Syn: Not set  
    .... .... ...0 = Fin: Not set  
[TCP Flags: .....A.....]  
Window size value: 512  
[Calculated window size: 512]  
[Window size scaling factor: -1 (unknown)]  
Checksum: 0x0028 [unverified]  
[Checksum Status: Unverified]  
Urgent pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
    TCP Option - No-Operation (NOP)  
        Kind: No-Operation (1)  
    TCP Option - No-Operation (NOP)  
        Kind: No-Operation (1)  
    TCP Option - Timestamps: TSval 2651507754, TSecr 2651507754  
        Kind: Time Stamp Option (8)  
        Length: 10  
        Timestamp value: 2651507754  
        Timestamp echo reply: 2651507754

[SEQ/ACK analysis]  
    [This is an ACK to the segment in frame: 3950]  
    [The RTT to ACK the segment was: 0.000009920 seconds]  
[Timestamps]  
    [Time since first frame in this TCP stream: 99.774066983 seconds]  
    [Time since previous frame in this TCP stream: 0.000009920 seconds]

No.	Time	Source	Destination	Protocol	Length	Info
3952	209.557126047	:::1	:::1	TCP	87	12021 → 45655 [PSH, ACK] Seq=165

Ack=257 Win=512 Len=1 TSval=2651507754 TSecr=2651507754

Frame 3952: 87 bytes on wire (696 bits), 87 bytes captured (696 bits) on interface 1

Interface id: 1 (lo)  
Interface name: lo  
Encapsulation type: Ethernet (1)  
Arrival Time: Dec 23, 2022 12:48:13.551891067 EST  
[Time shift for this packet: 0.000000000 seconds]  
Epoch Time: 1671817693.551891067 seconds  
[Time delta from previous captured frame: 0.000017962 seconds]  
[Time delta from previous displayed frame: 0.000017962 seconds]  
[Time since reference or first frame: 209.557126047 seconds]  
Frame Number: 3952  
Frame Length: 87 bytes (696 bits)  
Capture Length: 87 bytes (696 bits)  
[Frame is marked: False]  
[Frame is ignored: False]  
[Protocols in frame: eth:ethertype:ipv6:tcp:data]  
[Coloring Rule Name: TCP]  
[Coloring Rule String: tcp]

Ethernet II, Src: 00:00:00\_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00\_00:00:00 (00:00:00:00:00:00)

Destination: 00:00:00\_00:00:00 (00:00:00:00:00:00)  
Address: 00:00:00\_00:00:00 (00:00:00:00:00:00)  
    .... ..0. .... = LG bit: Globally unique address (factory default)  
    .... ....0 .... = IG bit: Individual address (unicast)

```
Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... 0. .... = LG bit: Globally unique address (factory default)
.... 0 .... = IG bit: Individual address (unicast)
Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00... = Differentiated Services Codepoint: Default (0)
.... .... 00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
Payload Length: 33
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 165, Ack: 257, Len: 1
Source Port: 12021
Destination Port: 45655
[Stream index: 50]
[TCP Segment Len: 1]
Sequence number: 165 (relative sequence number)
[Next sequence number: 166 (relative sequence number)]
Acknowledgment number: 257 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
  .... .... 1... = Push: Set
  .... .... .0.. = Reset: Not set
  .... .... ..0. = Syn: Not set
  .... .... ...0 = Fin: Not set
  [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0029 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651507754, TSecr 2651507754
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651507754
    Timestamp echo reply: 2651507754
[SEQ/ACK analysis]
  [Bytes in flight: 1]
  [Bytes sent since last PSH flag: 1]
[Timestamps]
  [Time since first frame in this TCP stream: 99.774084945 seconds]
  [Time since previous frame in this TCP stream: 0.000017962 seconds]
TCP payload (1 byte)
Data (1 byte)
0000 0a
Data: 0a
[Length: 1]
```

/tmp/wireshark\_2\_interfaces\_20221223124442\_8xUbTZ.pcapng 7647 total packets, 94 shown

No.	Time	Source	Destination	Protocol	Length	Info
3953	209.557129577	::1	::1	TCP	86	45655 → 12021 [ACK] Seq=257

Ack=166 Win=512 Len=0 TSval=2651507754 TSecr=2651507754  
Frame 3953: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1  
Interface id: 1 (lo)  
Interface name: lo  
Encapsulation type: Ethernet (1)  
Arrival Time: Dec 23, 2022 12:48:13.551894597 EST  
[Time shift for this packet: 0.000000000 seconds]  
Epoch Time: 1671817693.551894597 seconds  
[Time delta from previous captured frame: 0.000003530 seconds]  
[Time delta from previous displayed frame: 0.000003530 seconds]  
[Time since reference or first frame: 209.557129577 seconds]  
Frame Number: 3953  
Frame Length: 86 bytes (688 bits)  
Capture Length: 86 bytes (688 bits)  
[Frame is marked: False]  
[Frame is ignored: False]  
[Protocols in frame: eth:ethertype:ipv6:tcp]  
[Coloring Rule Name: TCP]  
[Coloring Rule String: tcp]  
Ethernet II, Src: 00:00:00\_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00\_00:00:00 (00:00:00:00:00:00)  
Destination: 00:00:00\_00:00:00 (00:00:00:00:00:00)  
Address: 00:00:00\_00:00:00 (00:00:00:00:00:00)  
.... 0. .... = LG bit: Globally unique address (factory default)  
.... 0. .... = IG bit: Individual address (unicast)  
Source: 00:00:00\_00:00:00 (00:00:00:00:00:00)  
Address: 00:00:00\_00:00:00 (00:00:00:00:00:00)  
.... 0. .... = LG bit: Globally unique address (factory default)  
.... 0. .... = IG bit: Individual address (unicast)  
Type: IPv6 (0x86dd)  
Internet Protocol Version 6, Src: ::1, Dst: ::1  
0110 .... = Version: 6  
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)  
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)  
.... .... 000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)  
.... .... 0001 1101 0011 1011 0011 = Flow Label: 0x1d3b3  
Payload Length: 32  
Next Header: TCP (6)  
Hop Limit: 64  
Source: ::1  
Destination: ::1  
Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 257, Ack: 166, Len: 0  
Source Port: 45655  
Destination Port: 12021  
[Stream index: 50]  
[TCP Segment Len: 0]  
Sequence number: 257 (relative sequence number)  
[Next sequence number: 257 (relative sequence number)]  
Acknowledgment number: 166 (relative ack number)  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (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  
.... .... .0.. = Reset: Not set  
.... .... ..0. = Syn: Not set  
.... .... ...0 = Fin: Not set  
[TCP Flags: .....A....]  
Window size value: 512

```
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651507754, TSecr 2651507754
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651507754
    Timestamp echo reply: 2651507754
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 3952]
  [The RTT to ACK the segment was: 0.000003530 seconds]
[Timestamps]
  [Time since first frame in this TCP stream: 99.774088475 seconds]
  [Time since previous frame in this TCP stream: 0.000003530 seconds]
No.      Time            Source            Destination            Protocol Length Info
 3954 209.560525937  ::1              ::1                    TCP              110      12021 → 39225 [PSH, ACK] Seq=166
Ack=97 Win=512 Len=24 TSval=2651507757 TSecr=2651507753
Frame 3954: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:48:13.555290957 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817693.555290957 seconds
  [Time delta from previous captured frame: 0.003396360 seconds]
  [Time delta from previous displayed frame: 0.003396360 seconds]
  [Time since reference or first frame: 209.560525937 seconds]
  Frame Number: 3954
  Frame Length: 110 bytes (880 bits)
  Capture Length: 110 bytes (880 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ipv6:tcp:data]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 0000 0111 0100 0000 1011 = Flow Label: 0x0740b
  Payload Length: 56
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 39225, Seq: 166, Ack: 97, Len: 24
```

Source Port: 12021  
Destination Port: 39225  
[Stream index: 49]  
[TCP Segment Len: 24]  
Sequence number: 166 (relative sequence number)  
[Next sequence number: 190 (relative sequence number)]  
Acknowledgment number: 97 (relative ack number)  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x018 (PSH, 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  
    .... .... 1... = Push: Set  
    .... .... .0.. = Reset: Not set  
    .... .... ..0. = Syn: Not set  
    .... .... ...0 = Fin: Not set  
    [TCP Flags: .....AP...]  
Window size value: 512  
[Calculated window size: 512]  
[Window size scaling factor: -1 (unknown)]  
Checksum: 0x0040 [unverified]  
[Checksum Status: Unverified]  
Urgent pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
    TCP Option - No-Operation (NOP)  
        Kind: No-Operation (1)  
    TCP Option - No-Operation (NOP)  
        Kind: No-Operation (1)  
    TCP Option - Timestamps: TSval 2651507757, TSecr 2651507753  
        Kind: Time Stamp Option (8)  
        Length: 10  
        Timestamp value: 2651507757  
        Timestamp echo reply: 2651507753  
[SEQ/ACK analysis]  
    [Bytes in flight: 24]  
    [Bytes sent since last PSH flag: 24]  
[Timestamps]  
    [Time since first frame in this TCP stream: 99.777568874 seconds]  
    [Time since previous frame in this TCP stream: 0.003450444 seconds]  
TCP payload (24 bytes)  
Data (24 bytes)  
0000 3a 58 31 39 31 37 30 37 38 31 4e 30 32 30 31 31 :X19170781N02011  
0010 32 46 45 35 32 36 42 3b 2FE526B;  
Data: 3a5831393137303738314e3032303131324645353236423b  
[Length: 24]

No.	Time	Source	Destination	Protocol	Length	Info
3955	209.560539131	::1	::1	TCP	86	39225 → 12021 [ACK] Seq=97

Ack=190 Win=512 Len=0 TSval=2651507757 TSecr=2651507757  
Frame 3955: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1  
Interface id: 1 (lo)  
Interface name: lo  
Encapsulation type: Ethernet (1)  
Arrival Time: Dec 23, 2022 12:48:13.555304151 EST  
[Time shift for this packet: 0.000000000 seconds]  
Epoch Time: 1671817693.555304151 seconds  
[Time delta from previous captured frame: 0.000013194 seconds]  
[Time delta from previous displayed frame: 0.000013194 seconds]  
[Time since reference or first frame: 209.560539131 seconds]  
Frame Number: 3955  
Frame Length: 86 bytes (688 bits)  
Capture Length: 86 bytes (688 bits)



```
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0. .... = IG bit: Individual address (unicast)
    Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
      Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        ....0. .... = LG bit: Globally unique address (factory default)
        ....0. .... = IG bit: Individual address (unicast)
    Type: IPv6 (0x86dd)
  Internet Protocol Version 6, Src: ::1, Dst: ::1
    0110 .... = Version: 6
    .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
      .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
      .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    .... .. 1001 0100 1000 0101 0001 = Flow Label: 0x94851
  Payload Length: 32
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 39225, Dst Port: 12021, Seq: 97, Ack: 190, Len: 0
  Source Port: 39225
  Destination Port: 12021
  [Stream index: 49]
  [TCP Segment Len: 0]
  Sequence number: 97 (relative sequence number)
  [Next sequence number: 97 (relative sequence number)]
  Acknowledgment number: 190 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (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
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
  [TCP Flags: .....A....]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0028 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651507757, TSecr 2651507757
      Kind: Time Stamp Option (8)
      Length: 10
      Timestamp value: 2651507757
      Timestamp echo reply: 2651507757
  [SEQ/ACK analysis]
```

```
[This is an ACK to the segment in frame: 3954]
[The RTT to ACK the segment was: 0.000013194 seconds]
[Timestamps]
[Time since first frame in this TCP stream: 99.777582068 seconds]
[Time since previous frame in this TCP stream: 0.000013194 seconds]
No.      Time                Source                Destination            Protocol Length Info
 3956 209.560569764    ::1                  ::1                    TCP                    87      12021 → 39225 [PSH, ACK] Seq=190
Ack=97 Win=512 Len=1 TSval=2651507757 TSecr=2651507757
Frame 3956: 87 bytes on wire (696 bits), 87 bytes captured (696 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:13.555334784 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817693.555334784 seconds
    [Time delta from previous captured frame: 0.000030633 seconds]
    [Time delta from previous displayed frame: 0.000030633 seconds]
    [Time since reference or first frame: 209.560569764 seconds]
    Frame Number: 3956
    Frame Length: 87 bytes (696 bits)
    Capture Length: 87 bytes (696 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 0000 0111 0100 0000 1011 = Flow Label: 0x0740b
  Payload Length: 33
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 39225, Seq: 190, Ack: 97, Len: 1
  Source Port: 12021
  Destination Port: 39225
  [Stream index: 49]
  [TCP Segment Len: 1]
  Sequence number: 190 (relative sequence number)
  [Next sequence number: 191 (relative sequence number)]
  Acknowledgment number: 97 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, 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
    .... 1... = Push: Set
```

```

    .... ..0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
    [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0029 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651507757, TSecr 2651507757
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651507757
        Timestamp echo reply: 2651507757
[SEQ/ACK analysis]
    [Bytes in flight: 1]
    [Bytes sent since last PSH flag: 1]
[Timestamps]
    [Time since first frame in this TCP stream: 99.777612701 seconds]
    [Time since previous frame in this TCP stream: 0.000030633 seconds]
TCP payload (1 byte)
Data (1 byte)
0000 0a
    Data: 0a
    [Length: 1]
No.      Time                Source                Destination                Protocol Length Info
  3957 209.560573103  ::1                ::1                TCP                86      39225 → 12021 [ACK] Seq=97
Ack=191 Win=512 Len=0 TSval=2651507757 TSecr=2651507757
Frame 3957: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
    Interface id: 1 (lo)
        Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:13.555338123 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817693.555338123 seconds
    [Time delta from previous captured frame: 0.000003339 seconds]
    [Time delta from previous displayed frame: 0.000003339 seconds]
    [Time since reference or first frame: 209.560573103 seconds]
    Frame Number: 3957
    Frame Length: 86 bytes (688 bits)
    Capture Length: 86 bytes (688 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        .... ..0. .... = LG bit: Globally unique address (factory default)
        .... ...0 .... = IG bit: Individual address (unicast)
    Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        .... ..0. .... = LG bit: Globally unique address (factory default)
        .... ...0 .... = IG bit: Individual address (unicast)
    Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
    0110 .... = Version: 6
```

```
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
.... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... .... 1001 0100 1000 0101 0001 = Flow Label: 0x94851
Payload Length: 32
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 39225, Dst Port: 12021, Seq: 97, Ack: 191, Len: 0
Source Port: 39225
Destination Port: 12021
[Stream index: 49]
[TCP Segment Len: 0]
Sequence number: 97 (relative sequence number)
[Next sequence number: 97 (relative sequence number)]
Acknowledgment number: 191 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (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
  .... .... .0.. = Reset: Not set
  .... .... ..0. = Syn: Not set
  .... .... ...0 = Fin: Not set
  [TCP Flags: .....A....]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651507757, TSecr 2651507757
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651507757
    Timestamp echo reply: 2651507757
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 3956]
  [The RTT to ACK the segment was: 0.000003339 seconds]
[Timestamps]
  [Time since first frame in this TCP stream: 99.777616040 seconds]
  [Time since previous frame in this TCP stream: 0.000003339 seconds]
No.      Time      Source      Destination      Protocol Length Info
3958 209.560594669 ::1 ::1 TCP 110 12021 → 45655 [PSH, ACK] Seq=166
Ack=257 Win=512 Len=24 TSval=2651507757 TSecr=2651507754
Frame 3958: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface 1
Interface id: 1 (lo)
Interface name: lo
Encapsulation type: Ethernet (1)
Arrival Time: Dec 23, 2022 12:48:13.555359689 EST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1671817693.555359689 seconds
[Time delta from previous captured frame: 0.000021566 seconds]
[Time delta from previous displayed frame: 0.000021566 seconds]
```

```
[Time since reference or first frame: 209.560594669 seconds]
Frame Number: 3958
Frame Length: 110 bytes (880 bits)
Capture Length: 110 bytes (880 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp:data]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
    Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
      Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        .... ..0. .... = LG bit: Globally unique address (factory default)
        .... ...0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
  Payload Length: 56
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 166, Ack: 257, Len: 24
  Source Port: 12021
  Destination Port: 45655
  [Stream index: 50]
  [TCP Segment Len: 24]
  Sequence number: 166      (relative sequence number)
  [Next sequence number: 190      (relative sequence number)]
  Acknowledgment number: 257      (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, 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
    .... .... 1... = Push: Set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
  [TCP Flags: .....AP...]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0040 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651507757, TSecr 2651507754
      Kind: Time Stamp Option (8)
```

/tmp/wireshark\_2\_interfaces\_20221223124442\_8xUbTZ.pcapng 7647 total packets, 94 shown

```

    Length: 10
    Timestamp value: 2651507757
    Timestamp echo reply: 2651507754
[SEQ/ACK analysis]
    [Bytes in flight: 24]
    [Bytes sent since last PSH flag: 24]
[Timestamps]
    [Time since first frame in this TCP stream: 99.777553567 seconds]
    [Time since previous frame in this TCP stream: 0.003465092 seconds]
TCP payload (24 bytes)
Data (24 bytes)
0000  3a 58 31 39 31 37 30 37 38 31 4e 30 32 30 31 31    :X19170781N02011
0010  32 46 45 35 32 36 42 3b                          2FE526B;
Data: 3a5831393137303738314e3032303131324645353236423b
[Length: 24]
No.      Time                Source                Destination          Protocol Length Info
 3959 209.560597753  ::1                ::1                  TCP                  86      45655 → 12021 [ACK] Seq=257
Ack=190 Win=512 Len=0 TSval=2651507757 TSecr=2651507757
Frame 3959: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:13.555362773 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817693.555362773 seconds
    [Time delta from previous captured frame: 0.000003084 seconds]
    [Time delta from previous displayed frame: 0.000003084 seconds]
    [Time since reference or first frame: 209.560597753 seconds]
    Frame Number: 3959
    Frame Length: 86 bytes (688 bits)
    Capture Length: 86 bytes (688 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0. .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0. .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 0001 1101 0011 1011 0011 = Flow Label: 0x1d3b3
  Payload Length: 32
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 257, Ack: 190, Len: 0
  Source Port: 45655
  Destination Port: 12021
  [Stream index: 50]
  [TCP Segment Len: 0]
  Sequence number: 257 (relative sequence number)
  [Next sequence number: 257 (relative sequence number)]
```

Acknowledgment number: 190 (relative ack number)  
1000 .... = Header Length: 32 bytes (8)  
Flags: 0x010 (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  
    .... .... .0.. = Reset: Not set  
    .... .... ..0. = Syn: Not set  
    .... .... ...0 = Fin: Not set  
    [TCP Flags: .....A....]  
Window size value: 512  
[Calculated window size: 512]  
[Window size scaling factor: -1 (unknown)]  
Checksum: 0x0028 [unverified]  
[Checksum Status: Unverified]  
Urgent pointer: 0  
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps  
    TCP Option - No-Operation (NOP)  
        Kind: No-Operation (1)  
    TCP Option - No-Operation (NOP)  
        Kind: No-Operation (1)  
    TCP Option - Timestamps: TSval 2651507757, TSecr 2651507757  
        Kind: Time Stamp Option (8)  
        Length: 10  
        Timestamp value: 2651507757  
        Timestamp echo reply: 2651507757  
[SEQ/ACK analysis]  
    [This is an ACK to the segment in frame: 3958]  
    [The RTT to ACK the segment was: 0.000003084 seconds]  
[Timestamps]  
    [Time since first frame in this TCP stream: 99.777556651 seconds]  
    [Time since previous frame in this TCP stream: 0.000003084 seconds]  
No.      Time              Source              Destination              Protocol Length Info  
3960 209.560615577    ::1              ::1              TCP              87      12021 → 45655 [PSH, ACK] Seq=190  
Ack=257 Win=512 Len=1 TSval=2651507757 TSecr=2651507757  
Frame 3960: 87 bytes on wire (696 bits), 87 bytes captured (696 bits) on interface 1  
    Interface id: 1 (lo)  
        Interface name: lo  
    Encapsulation type: Ethernet (1)  
    Arrival Time: Dec 23, 2022 12:48:13.555380597 EST  
    [Time shift for this packet: 0.000000000 seconds]  
    Epoch Time: 1671817693.555380597 seconds  
    [Time delta from previous captured frame: 0.000017824 seconds]  
    [Time delta from previous displayed frame: 0.000017824 seconds]  
    [Time since reference or first frame: 209.560615577 seconds]  
    Frame Number: 3960  
    Frame Length: 87 bytes (696 bits)  
    Capture Length: 87 bytes (696 bits)  
    [Frame is marked: False]  
    [Frame is ignored: False]  
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]  
    [Coloring Rule Name: TCP]  
    [Coloring Rule String: tcp]  
Ethernet II, Src: 00:00:00\_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00\_00:00:00 (00:00:00:00:00:00)  
    Destination: 00:00:00\_00:00:00 (00:00:00:00:00:00)  
        Address: 00:00:00\_00:00:00 (00:00:00:00:00:00)  
            .... ..0. .... = LG bit: Globally unique address (factory default)  
            .... ....0 .... = IG bit: Individual address (unicast)  
    Source: 00:00:00\_00:00:00 (00:00:00:00:00:00)  
        Address: 00:00:00\_00:00:00 (00:00:00:00:00:00)

```

    .... 0. .... = LG bit: Globally unique address (factory default)
    .... 0 .... = IG bit: Individual address (unicast)
Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
.... .... 00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
Payload Length: 33
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 190, Ack: 257, Len: 1
Source Port: 12021
Destination Port: 45655
[Stream index: 50]
[TCP Segment Len: 1]
Sequence number: 190      (relative sequence number)
[Next sequence number: 191      (relative sequence number)]
Acknowledgment number: 257      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
    .... .... 1... = Push: Set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
    [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0029 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651507757, TSecr 2651507757
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651507757
        Timestamp echo reply: 2651507757
[SEQ/ACK analysis]
    [Bytes in flight: 1]
    [Bytes sent since last PSH flag: 1]
[Timestamps]
    [Time since first frame in this TCP stream: 99.777574475 seconds]
    [Time since previous frame in this TCP stream: 0.000017824 seconds]
TCP payload (1 byte)
Data (1 byte)
0000 0a
Data: 0a
[Length: 1]
No.      Time      Source      Destination      Protocol Length Info
```



```
3961 209.560618532  ::1          ::1          TCP      86      45655 → 12021 [ACK] Seq=257
Ack=191 Win=512 Len=0 TSval=2651507757 TSecr=2651507757
Frame 3961: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:13.555383552 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817693.555383552 seconds
    [Time delta from previous captured frame: 0.000002955 seconds]
    [Time delta from previous displayed frame: 0.000002955 seconds]
    [Time since reference or first frame: 209.560618532 seconds]
    Frame Number: 3961
    Frame Length: 86 bytes (688 bits)
    Capture Length: 86 bytes (688 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
  Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
      Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        ....0. .... = LG bit: Globally unique address (factory default)
        ....0. .... = IG bit: Individual address (unicast)
    Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
      Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        ....0. .... = LG bit: Globally unique address (factory default)
        ....0. .... = IG bit: Individual address (unicast)
    Type: IPv6 (0x86dd)
  Internet Protocol Version 6, Src: ::1, Dst: ::1
    0110 .... = Version: 6
    ....0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
    ....0000 00.. .... = Differentiated Services Codepoint: Default (0)
    .... ....00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    .... ....0001 1101 0011 1011 0011 = Flow Label: 0x1d3b3
    Payload Length: 32
    Next Header: TCP (6)
    Hop Limit: 64
    Source: ::1
    Destination: ::1
  Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 257, Ack: 191, Len: 0
    Source Port: 45655
    Destination Port: 12021
    [Stream index: 50]
    [TCP Segment Len: 0]
    Sequence number: 257 (relative sequence number)
    [Next sequence number: 257 (relative sequence number)]
    Acknowledgment number: 191 (relative ack number)
    1000 .... = Header Length: 32 bytes (8)
    Flags: 0x010 (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
      ....0... = Reset: Not set
      ....0. .... = Syn: Not set
      ....0... = Fin: Not set
    [TCP Flags: .....A....]
    Window size value: 512
    [Calculated window size: 512]
```

```
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651507757, TSecr 2651507757
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651507757
    Timestamp echo reply: 2651507757
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 3960]
  [The RTT to ACK the segment was: 0.000002955 seconds]
[Timestamps]
  [Time since first frame in this TCP stream: 99.777577430 seconds]
  [Time since previous frame in this TCP stream: 0.000002955 seconds]
No.      Time      Source      Destination      Protocol Length Info
3962 209.560757488  ::1        ::1              TCP              110      39225 → 12021 [PSH, ACK] Seq=97
Ack=191 Win=512 Len=24 TSval=2651507757 TSecr=2651507757
Frame 3962: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:13.555522508 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817693.555522508 seconds
    [Time delta from previous captured frame: 0.000138956 seconds]
    [Time delta from previous displayed frame: 0.000138956 seconds]
    [Time since reference or first frame: 209.560757488 seconds]
    Frame Number: 3962
    Frame Length: 110 bytes (880 bits)
    Capture Length: 110 bytes (880 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
  Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
      Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        .... 0. .... = LG bit: Globally unique address (factory default)
        .... 0. .... = IG bit: Individual address (unicast)
      Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
          .... 0. .... = LG bit: Globally unique address (factory default)
          .... 0. .... = IG bit: Individual address (unicast)
    Type: IPv6 (0x86dd)
  Internet Protocol Version 6, Src: ::1, Dst: ::1
    0110 .... = Version: 6
    .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
    .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
    .... .... 0000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    .... .... 1001 0100 1000 0101 0001 = Flow Label: 0x94851
    Payload Length: 56
    Next Header: TCP (6)
    Hop Limit: 64
    Source: ::1
    Destination: ::1
  Transmission Control Protocol, Src Port: 39225, Dst Port: 12021, Seq: 97, Ack: 191, Len: 24
    Source Port: 39225
```

```
Destination Port: 12021
[Stream index: 49]
[TCP Segment Len: 24]
Sequence number: 97      (relative sequence number)
[Next sequence number: 121      (relative sequence number)]
Acknowledgment number: 191      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
  .... .... 1... = Push: Set
  .... .... .0.. = Reset: Not set
  .... .... ..0. = Syn: Not set
  .... .... ...0 = Fin: Not set
[TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0040 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651507757, TSecr 2651507757
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651507757
    Timestamp echo reply: 2651507757
[SEQ/ACK analysis]
  [Bytes in flight: 24]
  [Bytes sent since last PSH flag: 24]
[Timestamps]
  [Time since first frame in this TCP stream: 99.777800425 seconds]
  [Time since previous frame in this TCP stream: 0.000184385 seconds]
TCP payload (24 bytes)
Data (24 bytes)
0000 3a 58 31 39 31 37 30 42 30 35 4e 30 35 30 31 30 :X19170B05N05010
0010 31 30 31 32 32 45 45 3b                          10122EE;
Data: 3a5831393137304230354e303530313031323245453b
[Length: 24]
No.      Time                Source                Destination          Protocol Length Info
  3963 209.560985746  ::1                  ::1                  TCP                  110      45655 → 12021 [PSH, ACK] Seq=257
Ack=191 Win=512 Len=24 TSval=2651507757 TSecr=2651507757
Frame 3963: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:48:13.555750766 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817693.555750766 seconds
  [Time delta from previous captured frame: 0.000228258 seconds]
  [Time delta from previous displayed frame: 0.000228258 seconds]
  [Time since reference or first frame: 209.560985746 seconds]
  Frame Number: 3963
  Frame Length: 110 bytes (880 bits)
  Capture Length: 110 bytes (880 bits)
  [Frame is marked: False]
```

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[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp:data]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0. .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      ....0. .... = LG bit: Globally unique address (factory default)
      ....0. .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
    .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
    .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... 0001 1101 0011 1011 0011 = Flow Label: 0x1d3b3
  Payload Length: 56
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 257, Ack: 191, Len: 24
  Source Port: 45655
  Destination Port: 12021
  [Stream index: 50]
  [TCP Segment Len: 24]
  Sequence number: 257 (relative sequence number)
  [Next sequence number: 281 (relative sequence number)]
  Acknowledgment number: 191 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x018 (PSH, 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
    .... .... 1... = Push: Set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
  [TCP Flags: .....AP...]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0040 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651507757, TSecr 2651507757
      Kind: Time Stamp Option (8)
      Length: 10
      Timestamp value: 2651507757
      Timestamp echo reply: 2651507757
  [SEQ/ACK analysis]
  [Bytes in flight: 24]
```

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[Bytes sent since last PSH flag: 24]
[Timestamps]
[Time since first frame in this TCP stream: 99.777944644 seconds]
[Time since previous frame in this TCP stream: 0.000367214 seconds]
TCP payload (24 bytes)
Data (24 bytes)
0000 3a 58 31 39 31 37 30 42 44 39 4e 30 35 30 31 30 :X19170BD9N05010
0010 31 30 31 32 32 30 30 3b 1012200;
Data: 3a5831393137304244394e3035303130313031323230303b
[Length: 24]
No. Time Source Destination Protocol Length Info
3968 209.603322994 ::1 ::1 TCP 86 12021 → 45655 [ACK] Seq=191
Ack=281 Win=512 Len=0 TSval=2651507800 TSecr=2651507757
Frame 3968: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
Interface id: 1 (lo)
Interface name: lo
Encapsulation type: Ethernet (1)
Arrival Time: Dec 23, 2022 12:48:13.598088014 EST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1671817693.598088014 seconds
[Time delta from previous captured frame: 0.045940809 seconds]
[Time delta from previous displayed frame: 0.042337248 seconds]
[Time since reference or first frame: 209.603322994 seconds]
Frame Number: 3968
Frame Length: 86 bytes (688 bits)
Capture Length: 86 bytes (688 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
....0. .... = LG bit: Globally unique address (factory default)
....0. .... = IG bit: Individual address (unicast)
Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
....0. .... = LG bit: Globally unique address (factory default)
....0. .... = IG bit: Individual address (unicast)
Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
.... .... 000 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
Payload Length: 32
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 191, Ack: 281, Len: 0
Source Port: 12021
Destination Port: 45655
[Stream index: 50]
[TCP Segment Len: 0]
Sequence number: 191 (relative sequence number)
[Next sequence number: 191 (relative sequence number)]
Acknowledgment number: 281 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (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
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
    [TCP Flags: .....A....]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651507800, TSecr 2651507757
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651507800
        Timestamp echo reply: 2651507757
[SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 3963]
    [The RTT to ACK the segment was: 0.042337248 seconds]
[Timestamps]
    [Time since first frame in this TCP stream: 99.820281892 seconds]
    [Time since previous frame in this TCP stream: 0.042337248 seconds]
No.      Time                Source                Destination                Protocol Length Info
 3969 209.603319371  ::1                ::1                TCP                86        12021 → 39225 [ACK] Seq=191
Ack=121 Win=512 Len=0 TSval=2651507800 TSecr=2651507757
Frame 3969: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
    Interface id: 1 (lo)
        Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:13.598084391 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817693.598084391 seconds
    [Time delta from previous captured frame: -0.000003623 seconds]
    [Time delta from previous displayed frame: -0.000003623 seconds]
    [Time since reference or first frame: 209.603319371 seconds]
    Frame Number: 3969
    Frame Length: 86 bytes (688 bits)
    Capture Length: 86 bytes (688 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        .... ..0. .... = LG bit: Globally unique address (factory default)
        .... ...0 .... = IG bit: Individual address (unicast)
    Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        .... ..0. .... = LG bit: Globally unique address (factory default)
        .... ...0 .... = IG bit: Individual address (unicast)
    Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
    0110 .... = Version: 6
```

```
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
.... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... 0000 0111 0100 0000 1011 = Flow Label: 0x0740b
Payload Length: 32
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 39225, Seq: 191, Ack: 121, Len: 0
Source Port: 12021
Destination Port: 39225
[Stream index: 49]
[TCP Segment Len: 0]
Sequence number: 191 (relative sequence number)
[Next sequence number: 191 (relative sequence number)]
Acknowledgment number: 121 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (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
  .... .... .0.. = Reset: Not set
  .... .... ..0. = Syn: Not set
  .... .... ...0 = Fin: Not set
[TCP Flags: .....A....]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651507800, TSecr 2651507757
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651507800
    Timestamp echo reply: 2651507757
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 3962]
  [The RTT to ACK the segment was: 0.042561883 seconds]
[Timestamps]
  [Time since first frame in this TCP stream: 99.820362308 seconds]
  [Time since previous frame in this TCP stream: 0.042561883 seconds]
No.      Time      Source      Destination      Protocol Length Info
4005 212.190090261 ::1 ::1 TCP 98 12021 → 39225 [PSH, ACK] Seq=191
Ack=121 Win=512 Len=12 TSval=2651510387 TSecr=2651507757
Frame 4005: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface 1
Interface id: 1 (lo)
Interface name: lo
Encapsulation type: Ethernet (1)
Arrival Time: Dec 23, 2022 12:48:16.184855281 EST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1671817696.184855281 seconds
[Time delta from previous captured frame: 0.619098441 seconds]
[Time delta from previous displayed frame: 2.586770890 seconds]
```

```
[Time since reference or first frame: 212.190090261 seconds]
Frame Number: 4005
Frame Length: 98 bytes (784 bits)
Capture Length: 98 bytes (784 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp:data]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... ..0. .... = LG bit: Globally unique address (factory default)
.... ...0 .... = IG bit: Individual address (unicast)
Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... ..0. .... = LG bit: Globally unique address (factory default)
.... ...0 .... = IG bit: Individual address (unicast)
Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
.... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... 0000 0111 0100 0000 1011 = Flow Label: 0x0740b
Payload Length: 44
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 39225, Seq: 191, Ack: 121, Len: 12
Source Port: 12021
Destination Port: 39225
[Stream index: 49]
[TCP Segment Len: 12]
Sequence number: 191 (relative sequence number)
[Next sequence number: 203 (relative sequence number)]
Acknowledgment number: 121 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
.... .... 1... = Push: Set
.... .... .0.. = Reset: Not set
.... .... ..0. = Syn: Not set
.... .... ...0 = Fin: Not set
[TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0034 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
TCP Option - No-Operation (NOP)
Kind: No-Operation (1)
TCP Option - No-Operation (NOP)
Kind: No-Operation (1)
TCP Option - Timestamps: TSval 2651510387, TSecr 2651507757
Kind: Time Stamp Option (8)
```



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    Length: 10
    Timestamp value: 2651510387
    Timestamp echo reply: 2651507757
[SEQ/ACK analysis]
  [Bytes in flight: 12]
  [Bytes sent since last PSH flag: 12]
[Timestamps]
  [Time since first frame in this TCP stream: 102.407133198 seconds]
  [Time since previous frame in this TCP stream: 2.586770890 seconds]
TCP payload (12 bytes)
Data (12 bytes)
0000 3a 58 31 39 34 39 30 37 38 31 4e 3b          :X19490781N;
    Data: 3a5831393439303738314e3b
    [Length: 12]
No.      Time                Source                Destination                Protocol Length Info
  4006 212.190151776  ::1                ::1                TCP                98      12021 → 45655 [PSH, ACK] Seq=191
Ack=281 Win=512 Len=12 TSval=2651510387 TSecr=2651507757
Frame 4006: 98 bytes on wire (784 bits), 98 bytes captured (784 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:16.184916796 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817696.184916796 seconds
    [Time delta from previous captured frame: 0.000061515 seconds]
    [Time delta from previous displayed frame: 0.000061515 seconds]
    [Time since reference or first frame: 212.190151776 seconds]
    Frame Number: 4006
    Frame Length: 98 bytes (784 bits)
    Capture Length: 98 bytes (784 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ..0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ..0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
  Payload Length: 44
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 191, Ack: 281, Len: 12
  Source Port: 12021
  Destination Port: 45655
  [Stream index: 50]
  [TCP Segment Len: 12]
  Sequence number: 191 (relative sequence number)
  [Next sequence number: 203 (relative sequence number)]
  Acknowledgment number: 281 (relative ack number)
```

```
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
  .... .... 1... = Push: Set
  .... .... .0.. = Reset: Not set
  .... .... ..0. = Syn: Not set
  .... .... ...0 = Fin: Not set
  [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0034 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651510387, TSecr 2651507757
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651510387
    Timestamp echo reply: 2651507757
[SEQ/ACK analysis]
  [Bytes in flight: 12]
  [Bytes sent since last PSH flag: 12]
[Timestamps]
  [Time since first frame in this TCP stream: 102.407110674 seconds]
  [Time since previous frame in this TCP stream: 2.586828782 seconds]
TCP payload (12 bytes)
Data (12 bytes)
0000 3a 58 31 39 34 39 30 37 38 31 4e 3b          :X19490781N;
Data: 3a5831393439303738314e3b
[Length: 12]
No.      Time          Source          Destination      Protocol Length Info
 4007 212.193699593  ::1            ::1              TCP              110      39225 → 12021 [PSH, ACK] Seq=121
Ack=203 Win=512 Len=24 TSval=2651510390 TSecr=2651510387
Frame 4007: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:48:16.188464613 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817696.188464613 seconds
  [Time delta from previous captured frame: 0.003547817 seconds]
  [Time delta from previous displayed frame: 0.003547817 seconds]
  [Time since reference or first frame: 212.193699593 seconds]
  Frame Number: 4007
  Frame Length: 110 bytes (880 bits)
  Capture Length: 110 bytes (880 bits)
  [Frame is marked: False]
  [Frame is ignored: False]
  [Protocols in frame: eth:ethertype:ipv6:tcp:data]
  [Coloring Rule Name: TCP]
  [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
```

```

    .... 0. .... = LG bit: Globally unique address (factory default)
    .... 0 .... = IG bit: Individual address (unicast)
Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
    .... 0. .... = LG bit: Globally unique address (factory default)
    .... 0 .... = IG bit: Individual address (unicast)
Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
    .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
    .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
    .... .... 00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    .... 1001 0100 1000 0101 0001 = Flow Label: 0x94851
Payload Length: 56
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 39225, Dst Port: 12021, Seq: 121, Ack: 203, Len: 24
Source Port: 39225
Destination Port: 12021
[Stream index: 49]
[TCP Segment Len: 24]
Sequence number: 121 (relative sequence number)
[Next sequence number: 145 (relative sequence number)]
Acknowledgment number: 203 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
    .... .... 1... = Push: Set
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
[TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0040 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651510390, TSecr 2651510387
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651510390
        Timestamp echo reply: 2651510387
[SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 4005]
    [The RTT to ACK the segment was: 0.003609332 seconds]
    [Bytes in flight: 24]
    [Bytes sent since last PSH flag: 24]
[Timestamps]
    [Time since first frame in this TCP stream: 102.410742530 seconds]
    [Time since previous frame in this TCP stream: 0.003609332 seconds]
TCP payload (24 bytes)
```

Data (24 bytes)

0000 3a 58 31 39 31 37 30 42 30 35 4e 30 35 30 31 30 :X19170B05N05010

0010 31 30 31 32 32 45 45 3b 10122EE;

Data: 3a5831393137304230354e303530313031323245453b

[Length: 24]

No.	Time	Source	Destination	Protocol	Length	Info
4008	212.193721641	::1	::1	TCP	112	12021 → 39225 [PSH, ACK] Seq=203

Ack=145 Win=512 Len=26 TSval=2651510390 TSecr=2651510390

Frame 4008: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 1

Interface id: 1 (lo)

Interface name: lo

Encapsulation type: Ethernet (1)

Arrival Time: Dec 23, 2022 12:48:16.188486661 EST

[Time shift for this packet: 0.000000000 seconds]

Epoch Time: 1671817696.188486661 seconds

[Time delta from previous captured frame: 0.000022048 seconds]

[Time delta from previous displayed frame: 0.000022048 seconds]

[Time since reference or first frame: 212.193721641 seconds]

Frame Number: 4008

Frame Length: 112 bytes (896 bits)

Capture Length: 112 bytes (896 bits)

[Frame is marked: False]

[Frame is ignored: False]

[Protocols in frame: eth:ethertype:ipv6:tcp:data]

[Coloring Rule Name: TCP]

[Coloring Rule String: tcp]

Ethernet II, Src: 00:00:00\_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00\_00:00:00 (00:00:00:00:00:00)

Destination: 00:00:00\_00:00:00 (00:00:00:00:00:00)

Address: 00:00:00\_00:00:00 (00:00:00:00:00:00)

.... ..0. .... = LG bit: Globally unique address (factory default)

.... ...0 .... = IG bit: Individual address (unicast)

Source: 00:00:00\_00:00:00 (00:00:00:00:00:00)

Address: 00:00:00\_00:00:00 (00:00:00:00:00:00)

.... ..0. .... = LG bit: Globally unique address (factory default)

.... ...0 .... = IG bit: Individual address (unicast)

Type: IPv6 (0x86dd)

Internet Protocol Version 6, Src: ::1, Dst: ::1

0110 .... = Version: 6

.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)

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

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

.... .... 0000 0111 0100 0000 1011 = Flow Label: 0x0740b

Payload Length: 58

Next Header: TCP (6)

Hop Limit: 64

Source: ::1

Destination: ::1

Transmission Control Protocol, Src Port: 12021, Dst Port: 39225, Seq: 203, Ack: 145, Len: 26

Source Port: 12021

Destination Port: 39225

[Stream index: 49]

[TCP Segment Len: 26]

Sequence number: 203 (relative sequence number)

[Next sequence number: 229 (relative sequence number)]

Acknowledgment number: 145 (relative ack number)

1000 .... = Header Length: 32 bytes (8)

Flags: 0x018 (PSH, 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

..... 1... = Push: Set

```

    .... .0.. = Reset: Not set
    .... ..0. = Syn: Not set
    .... ...0 = Fin: Not set
    [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0042 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
        Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651510390, TSecr 2651510390
        Kind: Time Stamp Option (8)
        Length: 10
        Timestamp value: 2651510390
        Timestamp echo reply: 2651510390
[SEQ/ACK analysis]
    [This is an ACK to the segment in frame: 4007]
    [The RTT to ACK the segment was: 0.000022048 seconds]
    [Bytes in flight: 26]
    [Bytes sent since last PSH flag: 26]
[Timestamps]
    [Time since first frame in this TCP stream: 102.410764578 seconds]
    [Time since previous frame in this TCP stream: 0.000022048 seconds]
TCP payload (26 bytes)
Data (26 bytes)
0000 0a 3a 58 31 39 31 37 30 37 38 31 4e 30 32 30 31  ..X19170781N0201
0010 31 32 46 45 35 32 36 42 3b 0a                    12FE526B;..
Data: 0a3a5831393137303738314e303230313132464535323642...
[Length: 26]
No.      Time                Source                Destination            Protocol Length Info
 4009 212.194012807      ::1                  ::1                     TCP                    110      45655 → 12021 [PSH, ACK] Seq=281
Ack=203 Win=512 Len=24 TSval=2651510390 TSecr=2651510387
Frame 4009: 110 bytes on wire (880 bits), 110 bytes captured (880 bits) on interface 1
    Interface id: 1 (lo)
        Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:16.188777827 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817696.188777827 seconds
    [Time delta from previous captured frame: 0.000291166 seconds]
    [Time delta from previous displayed frame: 0.000291166 seconds]
    [Time since reference or first frame: 212.194012807 seconds]
    Frame Number: 4009
    Frame Length: 110 bytes (880 bits)
    Capture Length: 110 bytes (880 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
    .... .0. .... = LG bit: Globally unique address (factory default)
    .... ..0 .... = IG bit: Individual address (unicast)
Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
    .... .0. .... = LG bit: Globally unique address (factory default)
    .... ..0 .... = IG bit: Individual address (unicast)
```

```
Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00... = Differentiated Services Codepoint: Default (0)
.... .... .00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
.... .... 0001 1101 0011 1011 0011 = Flow Label: 0x1d3b3
Payload Length: 56
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 281, Ack: 203, Len: 24
Source Port: 45655
Destination Port: 12021
[Stream index: 50]
[TCP Segment Len: 24]
Sequence number: 281 (relative sequence number)
[Next sequence number: 305 (relative sequence number)]
Acknowledgment number: 203 (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x018 (PSH, 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
  .... .... 1... = Push: Set
  .... .... .0.. = Reset: Not set
  .... .... ..0. = Syn: Not set
  .... .... ...0 = Fin: Not set
  [TCP Flags: .....AP...]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0040 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651510390, TSecr 2651510387
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651510390
    Timestamp echo reply: 2651510387
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 4006]
  [The RTT to ACK the segment was: 0.003861031 seconds]
  [Bytes in flight: 24]
  [Bytes sent since last PSH flag: 24]
[Timestamps]
  [Time since first frame in this TCP stream: 102.410971705 seconds]
  [Time since previous frame in this TCP stream: 0.003861031 seconds]
TCP payload (24 bytes)
Data (24 bytes)
0000 3a 58 31 39 31 37 30 42 44 39 4e 30 35 30 31 30 :X19170BD9N05010
0010 31 30 31 32 32 30 30 3b 1012200;
Data: 3a5831393137304244394e303530313031323230303b
[Length: 24]
```

No.	Time	Source	Destination	Protocol	Length	Info
-----	------	--------	-------------	----------	--------	------

/tmp/wireshark\_2\_interfaces\_20221223124442\_8xUbTZ.pcapng 7647 total packets, 94 shown

```
4010 212.194034788 ::1 ::1 TCP 112 12021 → 45655 [PSH, ACK] Seq=203
Ack=305 Win=512 Len=26 TSval=2651510390 TSecr=2651510390
Frame 4010: 112 bytes on wire (896 bits), 112 bytes captured (896 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
    Encapsulation type: Ethernet (1)
    Arrival Time: Dec 23, 2022 12:48:16.188799808 EST
    [Time shift for this packet: 0.000000000 seconds]
    Epoch Time: 1671817696.188799808 seconds
    [Time delta from previous captured frame: 0.000021981 seconds]
    [Time delta from previous displayed frame: 0.000021981 seconds]
    [Time since reference or first frame: 212.194034788 seconds]
    Frame Number: 4010
    Frame Length: 112 bytes (896 bits)
    Capture Length: 112 bytes (896 bits)
    [Frame is marked: False]
    [Frame is ignored: False]
    [Protocols in frame: eth:ethertype:ipv6:tcp:data]
    [Coloring Rule Name: TCP]
    [Coloring Rule String: tcp]
  Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
      Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        ....0. .... = LG bit: Globally unique address (factory default)
        ....0. .... = IG bit: Individual address (unicast)
    Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
      Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        ....0. .... = LG bit: Globally unique address (factory default)
        ....0. .... = IG bit: Individual address (unicast)
    Type: IPv6 (0x86dd)
  Internet Protocol Version 6, Src: ::1, Dst: ::1
    0110 .... = Version: 6
    .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
      .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
      .... ....00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
    .... .... 1111 0110 1100 1110 0010 = Flow Label: 0xf6ce2
    Payload Length: 58
    Next Header: TCP (6)
    Hop Limit: 64
    Source: ::1
    Destination: ::1
  Transmission Control Protocol, Src Port: 12021, Dst Port: 45655, Seq: 203, Ack: 305, Len: 26
    Source Port: 12021
    Destination Port: 45655
    [Stream index: 50]
    [TCP Segment Len: 26]
    Sequence number: 203 (relative sequence number)
    [Next sequence number: 229 (relative sequence number)]
    Acknowledgment number: 305 (relative ack number)
    1000 .... = Header Length: 32 bytes (8)
    Flags: 0x018 (PSH, 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
      .... .... 1... = Push: Set
      .... .... .0.. = Reset: Not set
      .... .... ..0. = Syn: Not set
      .... .... ...0 = Fin: Not set
    [TCP Flags: .....AP...]
    Window size value: 512
    [Calculated window size: 512]
```

```
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0042 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651510390, TSecr 2651510390
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651510390
    Timestamp echo reply: 2651510390
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 4009]
  [The RTT to ACK the segment was: 0.000021981 seconds]
  [Bytes in flight: 26]
  [Bytes sent since last PSH flag: 26]
[Timestamps]
  [Time since first frame in this TCP stream: 102.410993686 seconds]
  [Time since previous frame in this TCP stream: 0.000021981 seconds]
TCP payload (26 bytes)
Data (26 bytes)
0000  0a 3a 58 31 39 31 37 30 37 38 31 4e 30 32 30 31  ..X19170781N0201
0010  31 32 46 45 35 32 36 42 3b 0a                      12FE526B;.
Data: 0a3a5831393137303738314e303230313132464535323642...
[Length: 26]
No.      Time                Source                Destination            Protocol Length Info
  4011 212.235312945  ::1                  ::1                     TCP                    86      39225 → 12021 [ACK] Seq=145
Ack=229 Win=512 Len=0 TSval=2651510432 TSecr=2651510390
Frame 4011: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
Interface id: 1 (lo)
Interface name: lo
Encapsulation type: Ethernet (1)
Arrival Time: Dec 23, 2022 12:48:16.230077965 EST
[Time shift for this packet: 0.000000000 seconds]
Epoch Time: 1671817696.230077965 seconds
[Time delta from previous captured frame: 0.041278157 seconds]
[Time delta from previous displayed frame: 0.041278157 seconds]
[Time since reference or first frame: 212.235312945 seconds]
Frame Number: 4011
Frame Length: 86 bytes (688 bits)
Capture Length: 86 bytes (688 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... ..0. .... = LG bit: Globally unique address (factory default)
.... ...0 .... = IG bit: Individual address (unicast)
Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
.... ..0. .... = LG bit: Globally unique address (factory default)
.... ...0 .... = IG bit: Individual address (unicast)
Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
0110 .... = Version: 6
.... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
.... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
..... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
```



```
.... .... 1001 0100 1000 0101 0001 = Flow Label: 0x94851
Payload Length: 32
Next Header: TCP (6)
Hop Limit: 64
Source: ::1
Destination: ::1
Transmission Control Protocol, Src Port: 39225, Dst Port: 12021, Seq: 145, Ack: 229, Len: 0
Source Port: 39225
Destination Port: 12021
[Stream index: 49]
[TCP Segment Len: 0]
Sequence number: 145      (relative sequence number)
[Next sequence number: 145      (relative sequence number)]
Acknowledgment number: 229      (relative ack number)
1000 .... = Header Length: 32 bytes (8)
Flags: 0x010 (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
  .... .... .0.. = Reset: Not set
  .... .... ..0. = Syn: Not set
  .... .... ...0 = Fin: Not set
  [TCP Flags: .....A....]
Window size value: 512
[Calculated window size: 512]
[Window size scaling factor: -1 (unknown)]
Checksum: 0x0028 [unverified]
[Checksum Status: Unverified]
Urgent pointer: 0
Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - No-Operation (NOP)
    Kind: No-Operation (1)
  TCP Option - Timestamps: TSval 2651510432, TSecr 2651510390
    Kind: Time Stamp Option (8)
    Length: 10
    Timestamp value: 2651510432
    Timestamp echo reply: 2651510390
[SEQ/ACK analysis]
  [This is an ACK to the segment in frame: 4008]
  [The RTT to ACK the segment was: 0.041591304 seconds]
[Timestamps]
  [Time since first frame in this TCP stream: 102.452355882 seconds]
  [Time since previous frame in this TCP stream: 0.041591304 seconds]
No.      Time                Source                Destination                Protocol Length Info
 4012 212.235314917      ::1                  ::1                        TCP                86                45655 → 12021 [ACK] Seq=305
Ack=229 Win=512 Len=0 TSval=2651510432 TSecr=2651510390
Frame 4012: 86 bytes on wire (688 bits), 86 bytes captured (688 bits) on interface 1
  Interface id: 1 (lo)
    Interface name: lo
  Encapsulation type: Ethernet (1)
  Arrival Time: Dec 23, 2022 12:48:16.230079937 EST
  [Time shift for this packet: 0.000000000 seconds]
  Epoch Time: 1671817696.230079937 seconds
  [Time delta from previous captured frame: 0.000001972 seconds]
  [Time delta from previous displayed frame: 0.000001972 seconds]
  [Time since reference or first frame: 212.235314917 seconds]
  Frame Number: 4012
  Frame Length: 86 bytes (688 bits)
```

```
Capture Length: 86 bytes (688 bits)
[Frame is marked: False]
[Frame is ignored: False]
[Protocols in frame: eth:ethertype:ipv6:tcp]
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]
Ethernet II, Src: 00:00:00_00:00:00 (00:00:00:00:00:00), Dst: 00:00:00_00:00:00 (00:00:00:00:00:00)
  Destination: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Source: 00:00:00_00:00:00 (00:00:00:00:00:00)
    Address: 00:00:00_00:00:00 (00:00:00:00:00:00)
      .... ..0. .... = LG bit: Globally unique address (factory default)
      .... ...0 .... = IG bit: Individual address (unicast)
  Type: IPv6 (0x86dd)
Internet Protocol Version 6, Src: ::1, Dst: ::1
  0110 .... = Version: 6
  .... 0000 0000 .... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)
  .... 0000 00.. .... = Differentiated Services Codepoint: Default (0)
  .... .... ..00 .... = Explicit Congestion Notification: Not ECN-Capable Transport (0)
  .... .... 0001 1101 0011 1011 0011 = Flow Label: 0x1d3b3
  Payload Length: 32
  Next Header: TCP (6)
  Hop Limit: 64
  Source: ::1
  Destination: ::1
Transmission Control Protocol, Src Port: 45655, Dst Port: 12021, Seq: 305, Ack: 229, Len: 0
  Source Port: 45655
  Destination Port: 12021
  [Stream index: 50]
  [TCP Segment Len: 0]
  Sequence number: 305 (relative sequence number)
  [Next sequence number: 305 (relative sequence number)]
  Acknowledgment number: 229 (relative ack number)
  1000 .... = Header Length: 32 bytes (8)
  Flags: 0x010 (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
    .... .... .0.. = Reset: Not set
    .... .... ..0. = Syn: Not set
    .... .... ...0 = Fin: Not set
  [TCP Flags: .....A....]
  Window size value: 512
  [Calculated window size: 512]
  [Window size scaling factor: -1 (unknown)]
  Checksum: 0x0028 [unverified]
  [Checksum Status: Unverified]
  Urgent pointer: 0
  Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - No-Operation (NOP)
      Kind: No-Operation (1)
    TCP Option - Timestamps: TSval 2651510432, TSecr 2651510390
      Kind: Time Stamp Option (8)
      Length: 10
      Timestamp value: 2651510432
      Timestamp echo reply: 2651510390
```

/tmp/wireshark\_2\_interfaces\_20221223124442\_8xUbTZ.pcapng 7647 total packets, 94 shown

[SEQ/ACK analysis]

[This is an ACK to the segment in frame: 4010]

[The RTT to ACK the segment was: 0.041280129 seconds]

[Timestamps]

[Time since first frame in this TCP stream: 102.452273815 seconds]

[Time since previous frame in this TCP stream: 0.041280129 seconds]