

\*Adapter for loopback traffic capture

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

tcp.port == 49559 || tcp.port == 5000

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000	::1	::1	TCP	76	49758 → 5000 [SYN] Seq=0 Win=65535 Len=0 MSS=65475 WS=256 SACK_PERM
2	0.000035	::1	::1	TCP	76	5000 → 49758 [SYN, ACK] Seq=0 Ack=1 Win=65535 Len=0 MSS=65475 WS=256 SACK_PERM
3	0.000051	::1	::1	TCP	64	49758 → 5000 [ACK] Seq=1 Ack=1 Win=327168 Len=0
4	0.000159	::1	::1	TCP	84	49758 → 5000 [PSH, ACK] Seq=1 Ack=1 Win=327168 Len=20
5	0.000169	::1	::1	TCP	64	5000 → 49758 [ACK] Seq=1 Ack=21 Win=2160640 Len=0
6	0.000272	::1	::1	TCP	74	5000 → 49758 [PSH, ACK] Seq=1 Ack=21 Win=2160640 Len=10
7	0.000280	::1	::1	TCP	64	49758 → 5000 [ACK] Seq=21 Ack=11 Win=327168 Len=0
8	0.000288	::1	::1	TCP	74	5000 → 49758 [PSH, ACK] Seq=11 Ack=21 Win=2160640 Len=10
9	0.000293	::1	::1	TCP	64	49758 → 5000 [ACK] Seq=21 Ack=21 Win=327168 Len=0
10	0.000606	::1	::1	TCP	64	49758 → 5000 [FIN, ACK] Seq=21 Ack=21 Win=327168 Len=0
11	0.000616	::1	::1	TCP	64	5000 → 49758 [ACK] Seq=21 Ack=22 Win=2160640 Len=0
12	0.000660	::1	::1	TCP	64	5000 → 49758 [FIN, ACK] Seq=21 Ack=22 Win=2160640 Len=0
13	0.000673	::1	::1	TCP	64	49758 → 5000 [ACK] Seq=22 Ack=22 Win=327168 Len=0

▼ Frame 2: 76 bytes on wire (608 bits), 76 bytes captured (608 bits) on interface \Device\NPF\_Loo

Section number: 1

> Interface id: 0 (\Device\NPF\_Loopback)

Encapsulation type: NULL/Loopback (15)

Arrival Time: Mar 4, 2023 16:51:56.996262000 Mountain Standard Time

[Time shift for this packet: 0.000000000 seconds]

Epoch Time: 1677973916.996262000 seconds

[Time delta from previous captured frame: 0.000035000 seconds]

[Time delta from previous displayed frame: 0.000035000 seconds]

[Time since reference or first frame: 0.000035000 seconds]

Frame Number: 2

Frame Length: 76 bytes (608 bits)

Capture Length: 76 bytes (608 bits)

[Frame is marked: False]

[Frame is ignored: False]

[Protocols in frame: null:ipv6:tcp]

[Coloring Rule Name: TCP SYN/FIN]

[Coloring Rule String: tcp.flags & 0x02 || tcp.flags.fin == 1]

▼ Null/Loopback

Family: IPv6 (24)

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

> Transmission Control Protocol, Src Port: 5000, Dst Port: 49758, Seq: 0, Ack: 1, Len: 0

```

0000 18 00 00 00 60 05 3f 7d 00 20 06 80 00 00 00 00  ....?} . ...
0010 00 00 00 00 00 00 00 00 00 00 00 01 00 00 00 00  ....
0020 00 00 00 00 00 00 00 00 00 00 00 01 13 88 c2 5e  ....
0030 14 ae f2 ef be 8d 02 36 80 12 ff ff d6 a6 00 00  ....6 ....
0040 02 04 ff c3 01 03 03 08 01 01 04 02  ....

```

Frame (frame), 76 bytes

Packets: 21 · Displayed: 13 (61.9%) · Dropped: 0 (0.0%)

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2 0.000035	:::1	:::1	TCP	76	5000 → 49758 [SYN, ACK] Seq=0 Ack=1 Win=65535 Len=0 MSS=65475 WS=256 SACK_PERM
3 0.000051	:::1	:::1	TCP	64	49758 → 5000 [ACK] Seq=1 Ack=1 Win=327168 Len=0
4 0.000159	:::1	:::1	TCP	84	49758 → 5000 [PSH, ACK] Seq=1 Ack=1 Win=327168 Len=20
5 0.000169	:::1	:::1	TCP	64	5000 → 49758 [ACK] Seq=1 Ack=21 Win=2160640 Len=0
6 0.000272	:::1	:::1	TCP	74	5000 → 49758 [PSH, ACK] Seq=1 Ack=21 Win=2160640 Len=10
7 0.000280	:::1	:::1	TCP	64	49758 → 5000 [ACK] Seq=21 Ack=11 Win=327168 Len=0
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10 0.000606	:::1	:::1	TCP	64	49758 → 5000 [FIN, ACK] Seq=21 Ack=21 Win=327168 Len=0
11 0.000616	:::1	:::1	TCP	64	5000 → 49758 [ACK] Seq=21 Ack=22 Win=2160640 Len=0
12 0.000660	:::1	:::1	TCP	64	5000 → 49758 [FIN, ACK] Seq=21 Ack=22 Win=2160640 Len=0
13 0.000673	:::1	:::1	TCP	64	49758 → 5000 [ACK] Seq=22 Ack=22 Win=327168 Len=0

Frame 4: 84 bytes on wire (672 bits), 84 bytes captured (672 bits) on interface \Device\NPF\_{...} Null/Loopback

Family: IPv6 (24)

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

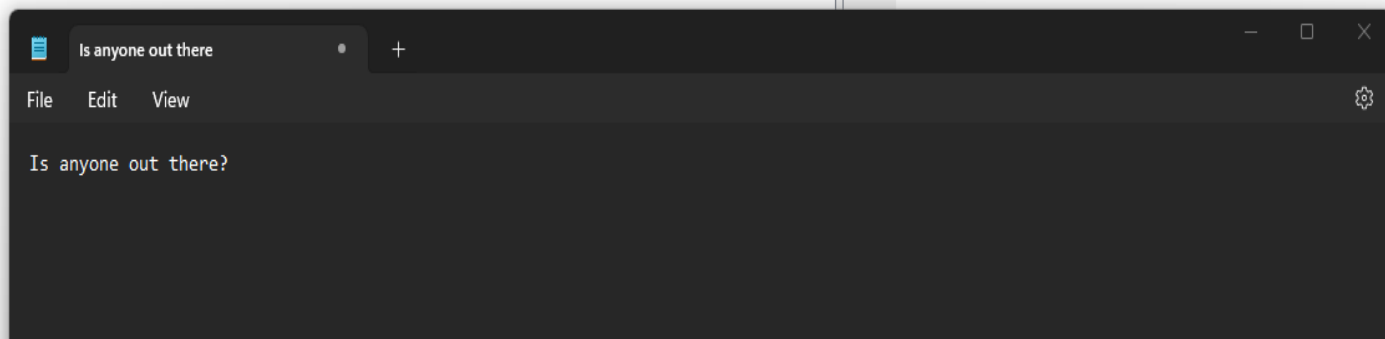
Transmission Control Protocol, Src Port: 49758, Dst Port: 5000, Seq: 1, Ack: 1, Len: 20

Data (20 bytes)

Data: 497320616e79666e65206f75742074686572653f

[Length: 20]

```
0000 18 00 00 00 60 0b 93 36 00 28 06 80 00 00 00 00 .....6..(.....
0010 00 00 00 00 00 00 00 00 00 00 00 01 00 00 00 00 .....
0020 00 00 00 00 00 00 00 00 00 00 00 01 c2 5e 13 88 .....^.....
0030 be 8d 02 36 14 ae f2 f0 50 18 04 fe 3c e3 00 00 ...6...P...<...
0040 49 73 20 61 6e 79 6f 6e 65 20 6f 75 74 20 74 68 Is anyone out th
0050 65 72 65 3f ere?
```



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3	0.000051	::1	::1	TCP	64	49758 → 5000 [ACK] Seq=1 Ack=1 Win=327168 Len=0
4	0.000159	::1	::1	TCP	84	49758 → 5000 [PSH, ACK] Seq=1 Ack=1 Win=327168 Len=20
5	0.000169	::1	::1	TCP	64	5000 → 49758 [ACK] Seq=1 Ack=21 Win=2160640 Len=0
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11	0.000616	::1	::1	TCP	64	5000 → 49758 [ACK] Seq=21 Ack=22 Win=2160640 Len=0
12	0.000660	::1	::1	TCP	64	5000 → 49758 [FIN, ACK] Seq=21 Ack=22 Win=2160640 Len=0
13	0.000673	::1	::1	TCP	64	49758 → 5000 [ACK] Seq=22 Ack=22 Win=327168 Len=0

> Frame 12: 64 bytes on wire (512 bits), 64 bytes captured (512 bits) on interface \Device\NPF\_{...}

> Null/Loopback

Family: IPv6 (24)

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

> Transmission Control Protocol, Src Port: 5000, Dst Port: 49758, Seq: 21, Ack: 22, Len: 0

Source Port: 5000

Destination Port: 49758

[Stream index: 0]

[Conversation completeness: Complete, WITH\_DATA (31)]

[TCP Segment Len: 0]

Sequence Number: 21 (relative sequence number)

Sequence Number (raw): 347009796

[Next Sequence Number: 22 (relative sequence number)]

Acknowledgment Number: 22 (relative ack number)

Acknowledgment number (raw): 3196912203

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

> Flags: 0x011 (FIN, ACK)

Window: 8440

[Calculated window size: 2160640]

[Window size scaling factor: 256]

Checksum: 0xf067 [unverified]

[Checksum Status: Unverified]

Urgent Pointer: 0

> [Timestamps]

0000	18 00 00 00 60 05 3f 7d	00 14 06 80 00 00 00 00	.....?}
0010	00 00 00 00 00 00 00 00	00 00 00 01 00 00 00 00	.....
0020	00 00 00 00 00 00 00 00	00 00 00 01 13 88 c2 5e	.....
0030	14 ae f3 04 be 8d 02 4b	50 11 20 f8 f0 67 00 00	.....K P