

Adapter for loopback traffic capture

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

tcp.port == 4444

No.	Time	Source	Destination	Protocol	Length	Info
2	0.000026	127.0.0.2	127.0.0.1	TCP	44	4444 → 53380 [ACK] Seq=1 Ack=2 Win=10233 Len=0
3	0.000098	127.0.0.1	127.0.0.2	TCP	45	53380 → 4444 [PSH, ACK] Seq=2 Ack=1 Win=10233 Len=0
4	0.000104	127.0.0.2	127.0.0.1	TCP	44	4444 → 53380 [ACK] Seq=1 Ack=3 Win=10233 Len=0
5	0.000116	127.0.0.1	127.0.0.2	TCP	45	53380 → 4444 [PSH, ACK] Seq=3 Ack=1 Win=10233 Len=0
6	0.000120	127.0.0.2	127.0.0.1	TCP	44	4444 → 53380 [ACK] Seq=1 Ack=4 Win=10233 Len=0
7	0.000129	127.0.0.1	127.0.0.2	TCP	45	53380 → 4444 [PSH, ACK] Seq=4 Ack=1 Win=10233 Len=0
8	0.000132	127.0.0.2	127.0.0.1	TCP	44	4444 → 53380 [ACK] Seq=1 Ack=5 Win=10233 Len=0
9	0.000139	127.0.0.1	127.0.0.2	TCP	45	53380 → 4444 [PSH, ACK] Seq=5 Ack=1 Win=10233 Len=0
10	0.000142	127.0.0.2	127.0.0.1	TCP	44	4444 → 53380 [ACK] Seq=1 Ack=6 Win=10233 Len=0
11	0.000149	127.0.0.1	127.0.0.2	TCP	45	53380 → 4444 [PSH, ACK] Seq=6 Ack=1 Win=10233 Len=0
12	0.000152	127.0.0.2	127.0.0.1	TCP	44	4444 → 53380 [ACK] Seq=1 Ack=7 Win=10233 Len=0
13	0.004739	127.0.0.2	127.0.0.1	TCP	45	4444 → 53380 [PSH, ACK] Seq=1 Ack=7 Win=10233 Len=0
14	0.004757	127.0.0.1	127.0.0.2	TCP	44	53380 → 4444 [ACK] Seq=7 Ack=2 Win=10233 Len=0
15	0.004776	127.0.0.2	127.0.0.1	TCP	45	4444 → 53380 [PSH, ACK] Seq=2 Ack=7 Win=10233 Len=0
16	0.004780	127.0.0.1	127.0.0.2	TCP	44	53380 → 4444 [ACK] Seq=7 Ack=3 Win=10233 Len=0
17	0.004789	127.0.0.2	127.0.0.1	TCP	45	4444 → 53380 [PSH, ACK] Seq=3 Ack=7 Win=10233 Len=0
18	0.004792	127.0.0.1	127.0.0.2	TCP	44	53380 → 4444 [ACK] Seq=7 Ack=4 Win=10233 Len=0
19	0.004799	127.0.0.2	127.0.0.1	TCP	45	4444 → 53380 [PSH, ACK] Seq=4 Ack=7 Win=10233 Len=0
20	0.004802	127.0.0.1	127.0.0.2	TCP	44	53380 → 4444 [ACK] Seq=7 Ack=5 Win=10233 Len=0
21	0.004809	127.0.0.2	127.0.0.1	TCP	45	4444 → 53380 [PSH, ACK] Seq=5 Ack=7 Win=10233 Len=0
22	0.004812	127.0.0.1	127.0.0.2	TCP	44	53380 → 4444 [ACK] Seq=7 Ack=6 Win=10233 Len=0
23	0.004818	127.0.0.2	127.0.0.1	TCP	45	4444 → 53380 [PSH, ACK] Seq=6 Ack=7 Win=10233 Len=0
24	0.004821	127.0.0.1	127.0.0.2	TCP	44	53380 → 4444 [ACK] Seq=7 Ack=7 Win=10233 Len=0

> Frame 19: 45 bytes on wire (360 bits), 45 bytes captured (360 bits) on interface \Device\NPF_{...} Loopback

> Null/Loopback

> Internet Protocol Version 4, Src: 127.0.0.2, Dst: 127.0.0.1

> Transmission Control Protocol, Src Port: 4444, Dst Port: 53380, Seq: 4, Ack: 7, Len: 1

▼ Data (1 byte)

Data: 6e

[Length: 1]

C:\Windows\system32\cmd.exe

```
C:\Users\user\Downloads\Java Socket cu thread\Java Socket cu thread\Socket cu thread>java Client 127.0.0.2 4444
Client pornit!/Client online!
Socket info from client: Socket[addr=/127.0.0.2,port=4444,localport=53380]
Scrie mesajul aici:/Write your message here:diana
Trimis la server/Sent to the server:diana
Receptionat de la server/Reception from the server:diana
Scrie mesajul aici:/Write your message here:
```

C:\Windows\system32\cmd.exe

```
C:\Users\user\Downloads\Java Socket cu thread\Java Socket cu thread>javac Server.java
C:\Users\user\Downloads\Java Socket cu thread\Java Socket cu thread>java Server 4444
Socket info from server: Socket[addr=/127.0.0.1,port=53380,localport=4444]
Client acceptat!/Accepted client!
Primit de la client/Received from the client:diana
```

Activate Windows
Go to Settings to activate Windows.