

```
File Edit View VM Tabs Help || [Icons]

kali-linux-2025.2-vmware-a... x
1 2 3 4 [Icons]

kali@kali: ~
File Actions Edit View Help

(kali@kali)-[~]
$ ip route get 8.8.8.8 | awk '{print $5; exit}'
eth0

(kali@kali)-[~]
$ ifconfig -a
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.171.128 netmask 255.255.255.0 broadcast 192.168.171.255
    inet6 fe80::aa2:5c5:6881:d577 prefixlen 64 scopeid 0<20<link>
    ether 00:0c:29:e7:ac:ee txqueuelen 1000 (Ethernet)
    RX packets 417 bytes 262256 (256.1 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 388 bytes 38824 (37.9 KiB)
    TX errors 0 dropped 5 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0<10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 9 bytes 584 (584.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 9 bytes 584 (584.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

(kali@kali)-[~]
$
```

File Edit View VM Tabs Help || [Icons] 9:20

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

Capture_Packet-caping

Apply a display filter ... <Ctrl>-F

No.	Time	Source	Destination	Protocol	Length	Info
3662	182.463002448	142.251.43.162	192.168.171.128	QUIC	68	Protected Payload (KPO), DCID=5c7b68
3663	182.464352774	192.168.171.128	142.251.43.162	QUIC	73	Protected Payload (KPO), DCID=e0c465d21fa3d452
3664	182.464566410	192.168.171.128	142.250.182.104	TLSv1.3	146	Application Data
3665	182.464566495	192.168.171.128	142.250.182.104	TLSv1.3	395	Application Data
3666	182.464728321	142.250.182.104	192.168.171.128	TCP	60	443 - 35412 [ACK] Seq=4714 Ack=829 Win=64240 Len=0
3667	182.464782398	142.250.182.104	192.168.171.128	TCP	60	443 - 35412 [ACK] Seq=4714 Ack=1988 Win=64240 Len=0
3668	182.465103400	192.168.171.128	104.17.24.14	QUIC	191	Protected Payload (KPO), DCID=8134793e21655aa1be35753e66057d4b4973aa89
3669	182.465199610	192.168.171.128	104.17.24.14	QUIC	115	Protected Payload (KPO), DCID=8134793e21655aa1be35753e66057d4b4973aa89
3670	182.465304446	192.168.171.128	104.17.24.14	TLSv1.3	93	Application Data
3671	182.465352516	104.17.24.14	192.168.171.128	TCP	60	443 - 32908 [ACK] Seq=11200 Ack=1203 Win=64240 Len=0
3672	182.465168893	192.168.171.128	104.17.24.14	TLSv1.3	78	Application Data
3673	182.466300763	104.17.24.14	192.168.171.128	TCP	60	443 - 32908 [ACK] Seq=11200 Ack=1227 Win=64240 Len=0
3674	182.466330807	192.168.171.128	104.17.24.14	TCP	64	32908 - 443 [FIN,ACK] Seq=1227 Ack=11200 Win=65535 Len=0
3675	182.466508761	104.17.24.14	192.168.171.128	TCP	60	443 - 32908 [ACK] Seq=11200 Ack=1228 Win=64239 Len=0
3676	182.466875855	142.251.43.162	192.168.171.128	TCP	60	443 - 58468 [FIN,PSH,ACK] Seq=68956 Ack=1247 Win=64239 Len=0
3677	182.466900393	192.168.171.128	142.251.43.162	TCP	54	58468 - 443 [ACK] Seq=1247 Ack=68957 Win=24984 Len=0
3678	182.468613100	104.17.24.14	192.168.171.128	QUIC	578	Protected Payload (KPO), DCID=412e2d
3679	182.468613289	104.17.24.14	192.168.171.128	QUIC	69	Protected Payload (KPO), DCID=412e2d

Frame 4875: 54 bytes on wire (432 bits), 54 bytes captured (432 bits) on interface eth0, id 0

Ethernet II, Src: VMware_e7:ac:ee (00:0c:29:e7:ac:ee), Dst: VMware_f3:9e:ca (00:50:56:f3:9e:ca)

Internet Protocol Version 4, Src: 192.168.171.128, Dst: 142.250.183.131

Transmission Control Protocol, Src Port: 48432, Dst Port: 443, Seq: 2156, Ack: 38757, Len: 0

0000 00 50 56 f3 9e ca 00 0c 29 e7 ac ee 08 00 45 00 PVE

0010 00 28 95 d9 49 00 40 06 e8 58 c0 a8 ab 80 8e fa (. @ . X

0020 c1 83 bd 12 81 b6 16 21 71 68 1c 8b 18 05 50 19 t qh P

0030 ff ff bc c1 00 00

Ready to load or capture Packets: 5015, Dropped: 0 (0.0%) Profile: Default

File Edit View VM Tabs Help

Wireshark - Expert Information: Capture_Packet.pcapng

File Edit View Go Capture Analyze Statistics

Apply a display filter ... <Ctrl-F>

No. Time Source

No.	Time	Source
4998	194.765959939	142.250.182.227
4999	194.766169779	34.107.221.82
5000	195.534010032	192.168.171.128
5001	195.534292437	142.250.182.227
5002	293.981618808	192.168.171.128
5003	293.981824482	142.250.182.227
5004	204.493467424	192.168.171.128
5005	204.493697693	142.250.182.227
5006	204.493715914	192.168.171.128
5007	204.493769856	192.168.171.128
5008	204.493954386	142.250.182.227
5009	204.493954016	142.250.182.227
5010	205.005382273	192.168.171.128
5011	205.006318534	34.107.221.82
5012	205.009432840	192.168.171.128
5013	205.009572923	142.250.182.227
5014	205.773482659	192.168.171.128
5015	205.773829817	142.250.182.227

Frame 4875: 54 bytes on wire (432 bits)
Ethernet II, Src: VMware_07:ac:ee (00:0c:29:e7:ac:ee), Dst: 08:00:27:1c:54:00 (08:00:27:1c:54:00)
Internet Protocol Version 4, Src: 192.168.171.128, Dst: 142.250.182.227
Transmission Control Protocol, Src Port: 5000, Dst Port: 80

Severity Summary Group Protocol Count

Severity	Summary	Group	Protocol	Count
Warning	Previous segment(s) not captured (common at capture start)	Sequence	TCP	3
Warning	Failed to decrypt handshake	Decryption	QUIC	574
Warning	Connection reset (RST)	Sequence	TCP	9
Warning	DNS response missing	Protocol	DNS	131
Note	This frame is a (suspected) retransmission	Sequence	TCP	3
Note	ACK to a TCP keep-alive segment	Sequence	TCP	16
Note	TCP keep-alive segment	Sequence	TCP	23
Note	Coalesced Padding Data	Protocol	QUIC	39
Note	This frame undergoes the connection closing	Sequence	TCP	27
Note	This frame initiates the connection closing	Sequence	TCP	31
Note	The SYN packet does not contain a SACK PERM option	Protocol	TCP	51
Chat	Possible traceroute	Sequence	UDP	4
Chat	Connection finish (FIN)	Sequence	TCP	6
Chat	This legacy_version field MUST be ignored. The supported vers...	Deprecated	TLS	146
Chat	Connection establish acknowledge (SYN+ACK)	Sequence	TCP	51
Chat	Connection establish request (SYN)	Sequence	TCP	51

No display filter set.

Limit to Display Filter Group by summary Search: Show...

Ready to load or capture

To direct input to this VM, click inside or press Ctrl+G.

Profile: Default

Wireshark - Endpoints: Capture_Packet.pcapng

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

Endpoint Settings

Endpoint Settings	Ethernet - 2	IPv4 - 35	IPv6	TCP - 83	UDP - 148
Name resolution	00:0c:29:e7:ac:ee	5,015	4 MB	1,882	409 kB
Limit to display filter	00:50:56:f9:9e:ca	5,015	4 MB	3,133	4 MB

Copy

Map

Protocol

- Bluetooth
- BV6
- DCCP
- Ethernet
- FC
- FDUI
- IEEE 802.11
- IEEE 802.15.4
- IPv4
- IPv6
- IPX
- JXTA

Filter list for specific type

Close Help

File Edit View VM Tabs Help

Wireshark - IPv6 Statistics / All Addresses - Capture_Packet.pcapng

Apply a display filter ... <Ctrl-F>

No.	Time	Source	Destination
4716	184.695458961	192.168.171.128	142.251.223.194
4717	184.695661995	192.168.171.128	142.250.67.65
4718	184.696493343	142.250.67.65	192.168.171.128
4719	184.696493492	142.250.67.65	192.168.171.128
4720	184.696493552	142.250.67.65	192.168.171.128
4721	184.696493602	142.250.67.65	192.168.171.128
4722	184.696493652	142.250.67.65	192.168.171.128
4723	184.696493691	142.250.67.65	192.168.171.128
4724	184.696493741	142.250.67.65	192.168.171.128
4725	184.696493791	142.250.67.65	192.168.171.128
4726	184.696523763	142.250.67.65	192.168.171.128
4727	184.696528823	142.251.43.162	192.168.171.128
4728	184.696675434	192.168.171.128	142.251.43.162
4729	184.696948484	192.168.171.128	142.250.67.65
4730	184.700114945	142.251.223.110	192.168.171.128
4731	184.700115314	142.251.223.110	192.168.171.128
4732	184.700115374	142.251.223.110	192.168.171.128
4733	184.700115424	142.251.223.110	192.168.171.128

Frame 4875: 54 bytes on wire (432 bits), 54 bytes captured
Ethernet II, Src: VMware7:fa:0e:0c:29:ef:face), Dst:
Internet Protocol Version 4, Src: 192.168.171.128, Dst: 14
Transmission Control Protocol, Src Port: 48482, Dst Port:

Wireshark - IPv6 Statistics / All Addresses - Capture_Packet.pcapng

Topic / Item	Count	Average	Min Val	Max Val	Rate (ms)	Percent	Burst Rate	Burst Start
IPv6 Statistics/All Addresses	5003							
86.107.100.245	14				0.0001	0.28%	0.0200	0.800
52.41.106.141	35				0.0002	0.70%	0.1000	174.994
34.36.137.203	22				0.0001	0.44%	0.1200	171.199
34.160.144.191	30				0.0001	0.60%	0.1600	171.468
34.107.243.93	33				0.0002	0.66%	0.2700	172.148
34.107.221.82	14				0.0001	0.28%	0.0700	173.403
216.58.200.161	55				0.0003	1.10%	0.3400	183.021
192.168.171.2	299				0.0015	5.98%	0.2400	181.854
192.168.171.128	5003				0.0243	100.00%	5.4800	178.892
172.217.26.17	68				0.0003	1.36%	0.2100	179.265
172.217.24.226	63				0.0003	1.26%	0.2800	182.927
172.217.194.119	121				0.0006	2.42%	0.4500	180.460
172.217.174.74	75				0.0004	1.50%	0.1800	181.962
151.101.129.91	47				0.0002	0.94%	0.2900	172.843
142.251.43.170	112				0.0005	2.24%	0.6700	179.045
142.251.43.162	516				0.0025	10.31%	1.5900	182.493
142.251.223.206	222				0.0011	4.44%	1.5600	180.036
142.251.223.194	130				0.0006	2.60%	0.4300	182.682

Display filter: Enter a display filter ...

Apply

Copy Save as... X Close

Ready to load or capture

Packets: 5015 · Dropped: 0 (0.0%)

Profile: Default