

Laboratorio 5

Wireshark



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Wireshark interface showing packet capture data. The packet list pane on the left shows a list of captured packets. The packet details pane on the right shows the details of the selected packet (No. 1). The packet bytes pane at the bottom shows the raw data of the selected packet. The status bar at the bottom indicates that 487 packets are displayed (100.0%).

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Wireshark interface showing a packet capture of an Internet Protocol Version 4 (IPv4) packet. The packet list shows a standard query response from 24.6.173.220 to 75.75.75.75. The packet details pane shows the Ethernet II, Internet Protocol Version 4, and User Datagram Protocol (UDP) fields. The packet bytes pane shows the raw data. The right sidebar shows the Expand Subtrees, Collapse Subtrees, and Apply as Column options.

Wireshark interface showing a packet capture of a User Datagram Protocol (UDP) packet. The packet list shows a standard query response from 24.6.173.220 to 75.75.75.75. The packet details pane shows the Ethernet II, Internet Protocol Version 4, and User Datagram Protocol (UDP) fields. The packet bytes pane shows the raw data. The right sidebar shows the Expand Subtrees, Collapse Subtrees, and Apply as Column options.

Wireshark interface showing a packet capture of a Transmission Control Protocol (TCP) packet. The packet list shows a standard query response from 24.6.173.220 to 75.75.75.75. The packet details pane shows the Ethernet II, Internet Protocol Version 4, and Transmission Control Protocol (TCP) fields. The packet bytes pane shows the raw data. The right sidebar shows the Expand Subtrees, Collapse Subtrees, and Apply as Column options.

http-pcapnet101-pcapng

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

Apply a display filter: <Ctrl-/>

No.	Time	Source	Destination	Protocol	Length	Info
1	0.000000	24.6.173.220	75.75.75.75	DNS	73	Standard query 0xc3bf A www.pcapr.net
2	0.021485	75.75.75.75	24.6.173.220	DNS	89	Standard query response 0xc3bf A www.pcapr.net A 209.133.32.69
3	0.023115	24.6.173.220	75.75.75.75	DNS	73	Standard query 0x406e AAAA www.pcapr.net
4	0.048477	75.75.75.75	24.6.173.220	DNS	146	Standard query response 0x406e AAAA www.pcapr.net SOA pdns...
5	0.051313	24.6.173.220	209.133.32.69	TCP	66	21213 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_P...
6	0.070396	209.133.32.69	24.6.173.220	TCP	66	80 → 21213 [SYN, ACK] Seq=0 Ack=1 Win=5840 Len=0 MSS=1460...
7	0.070594	24.6.173.220	209.133.32.69	TCP	54	21213 → 80 [ACK] Seq=1 Ack=1 Win=65700 Len=0
8	0.071372	24.6.173.220	209.133.32.69	HTTP	341	GET / HTTP/1.1
9	0.088468	209.133.32.69	24.6.173.220	TCP	60	80 → 21213 [ACK] Seq=1 Ack=288 Win=6912 Len=0
10	0.097788	209.133.32.69	24.6.173.220	HTTP	357	HTTP/1.1 303 See Other
11	0.098903	209.133.32.69	24.6.173.220	TCP	60	80 → 21213 [FIN, ACK] Seq=304 Ack=288 Win=6912 Len=0
12	0.099044	24.6.173.220	209.133.32.69	TCP	54	21213 → 80 [ACK] Seq=288 Ack=305 Win=65396 Len=0
13	0.099588	24.6.173.220	209.133.32.69	TCP	54	21213 → 80 [FIN, ACK] Seq=288 Ack=305 Win=65396 Len=0
14	0.105714	24.6.173.220	209.133.32.69	TCP	66	21214 → 80 [SYN] Seq=0 Win=8192 Len=0 MSS=1460 WS=4 SACK_P...
15	0.117650	209.133.32.69	24.6.173.220	TCP	60	80 → 21213 [ACK] Seq=305 Ack=289 Win=6912 Len=0
16	0.125051	209.133.32.69	24.6.173.220	TCP	66	80 → 21213 [ACK] Seq=305 Ack=289 Win=6912 Len=0
17	0.125217	24.6.173.220	209.133.32.69	TCP	54	21214 → 80 [ACK] Seq=288 Ack=305 Win=65396 Len=0
18	0.126044	24.6.173.220	209.133.32.69	HTTP	387	GET /home/ HTTP/1.1
19	0.143822	209.133.32.69	24.6.173.220	TCP	60	80 → 21213 [ACK] Seq=305 Ack=289 Win=6912 Len=0
20	1.924396	209.133.32.69	24.6.173.220	HTTP	1514	HTTP/1.1 200 OK

> Frame 5: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface \Device\NPF...
 > Ethernet II, Src: HewlettP_a7:bf:a3 (d4:85:64:a7:bf:a3), Dst: Cadant_31:bb:c1 (00:01:02:31:bb:c1)
 > Internet Protocol Version 4, Src: 24.6.173.220, Dst: 209.133.32.69
 > Transmission Control Protocol, Src Port: 21213, Dst Port: 80, Seq: 0, Len: 0

0000 00 01 5c 31 bb c1 d4 85 64 a7 bf a3 08 00 45 00 ..1... d...E-
 0010 00 34 6a 4c 40 00 06 00 00 18 06 ad dc d1 85 .4L... ..
 0020 20 45 52 dd 00 50 4c cc 01 a3 00 00 00 00 00 02 E...PL... ..
 0030 20 00 67 d3 00 00 02 04 05 b4 01 03 03 02 01 01

Transmission Control Protocol (tcp), 32 byte(s)

87 - Displayed: 487 (100.0%) Profile: Default

Expand Subtrees
 Collapse Subtrees
 Expand All
 Collapse All
 Apply as Column Ctrl+Shift+I
 Apply as Filter
 Prepare as Filter
 Conversation Filter
 Colorize with Filter
 Follow
 Copy
 Show Packet Bytes... Ctrl+Shift+O
 Export Packet Bytes... Ctrl+Shift+X
 Wiki Protocol Page
 Filter Field Reference
 Protocol Preferences
 Decode As...
 Go to Linked Packet
 Show Linked Packet in New Window

Open Transmission Control Protocol preferences...
 Show TCP summary in protocol tree
 Validate the TCP checksum if possible
 Allow subdissector to reassemble TCP streams
 Reassemble out-of-order segments
 Analyze TCP sequence numbers
 Relative sequence numbers
 Scaling factor to use when not available from capture
 Track number of bytes in flight
 Calculate conversation timestamps
 Try heuristic sub-dissectors first
 Ignore TCP Timestamps in summary
 Do not call subdissectors for error packets
 TCP Experimental Options with a Magic Number
 Display process information via IPFIX