

Wireshark Networking Monitoring Information

The image shows a Wireshark capture of network traffic. The top pane displays a list of captured packets, filtered by 'http'. The middle pane shows the details of the selected packet (Frame 9856), including Ethernet II, Internet Protocol Version 4, Transmission Control Protocol, and Hypertext Transfer Protocol. The bottom pane shows the raw packet data in hexadecimal and ASCII.

No.	Time	Source	Destination	Protocol	Length	Info
5476	185.809731	10.0.2.15	173.194.43.32	HTTP	220	GET /generate_204 HTTP/1.1
5478	185.985848	173.194.43.32	10.0.2.15	HTTP	194	HTTP/1.1 204 No Content
7214	298.812680	10.0.2.15	208.185.55.66	HTTP	216	GET /teamsandplayers/teams/atoz/letter=e/index.html HTTP/1.1
7501	311.504131	208.185.55.66	10.0.2.15	HTTP	1216	HTTP/1.1 200 OK (text/html)
7982	317.343019	10.0.2.15	208.185.55.66	HTTP	221	GET /teamsandplayers/teams/club=52281/profile/index.html HTTP/1.1
8362	518.109711	208.185.55.66	10.0.2.15	HTTP	176	HTTP/1.1 200 OK (text/html)
9239	581.972238	10.0.2.15	208.185.55.67	HTTP	264	GET /en/Players-And-Staff/Players-And-Staff-Search-Results.aspx?search=De%20Gea&teamid=fir HTTP/1.1
9379	705.885696	208.185.55.67	10.0.2.15	HTTP	1195	HTTP/1.1 200 OK (text/html)
9667	710.242597	10.0.2.15	208.185.55.64	HTTP	222	GET /en/Players-And-Staff/First-Team/David-De-Gea.aspx HTTP/1.1
9856	902.782811	208.185.55.64	10.0.2.15	HTTP	1127	HTTP/1.1 200 OK (text/html)

Frame 9856: 1127 bytes on wire (9016 bits), 1127 bytes captured (9016 bits) on interface 0
Ethernet II, Src: RealtekU_12:35:02 (52:54:00:12:35:02), Dst: RealtekU_12:34:56 (52:54:00:12:34:56)
Internet Protocol Version 4, Src: 208.185.55.64 (208.185.55.64), Dst: 10.0.2.15 (10.0.2.15)
Transmission Control Protocol, Src Port: http (80), Dst Port: http (80), Seq: 33769 (33769), Seq: 32154, Ack: 168, Len: 1073
[25 Reassembled TCP Segments (33226 bytes): #9669(1360), #9671(1460), #9672(1460), #9673(1460), #9675(1460), #9676(1181), #9696(1460), #9698(252), #9702(1460)]
Hypertext Transfer Protocol
Line-based text data: text/html

0000 52 54 00 12 34 56 52 54 00 12 35 02 08 00 45 08 RT..4VRT..5...E.
0010 04 59 15 ed 00 00 40 06 4c a2 d0 b9 37 40 0a 00 .Y...@.L...7@..
0020 02 0f 00 50 83 e9 04 41 5b 9b 4d 74 44 77 50 18 ...P...A[.MTDWP.

Frame (1127 bytes) | Reassembled TCP (33226 bytes)

File: "C:\Users\User1\Desktop\proj1.pcap" 2... | Packets: 9907 - Displayed: 10 (0.1%) - Load time: 0:03.891 | Profile: Default

The third GET is a get done by and instance `hyperlinkGetterTask`, which took the first letter of the user inputted string and filled it into a resource that gets the HTML for the page corresponding to the team's first character. Form that HTML document the appropriate hyperlink is extracted and used by an instance of the `statsGetterTask` to fetch the appropriate data from www.uefa.com. This is shown in the next two Http requests. The first resource contains the first letter of the string, "e". The next contains the Club number of the requested team.

The 5th Get corresponds to a `hyperlinkGetterTask` requesting the search results for the inputted string from www.manutd.com. The resource shows that the inputted String was De Gea (%20 = " "). Once the player's hyperlink was extracted from the response, the `statsGetterTask` made the second HTTP get. This resource shows that the correct hyperlink as extracted and fetched.