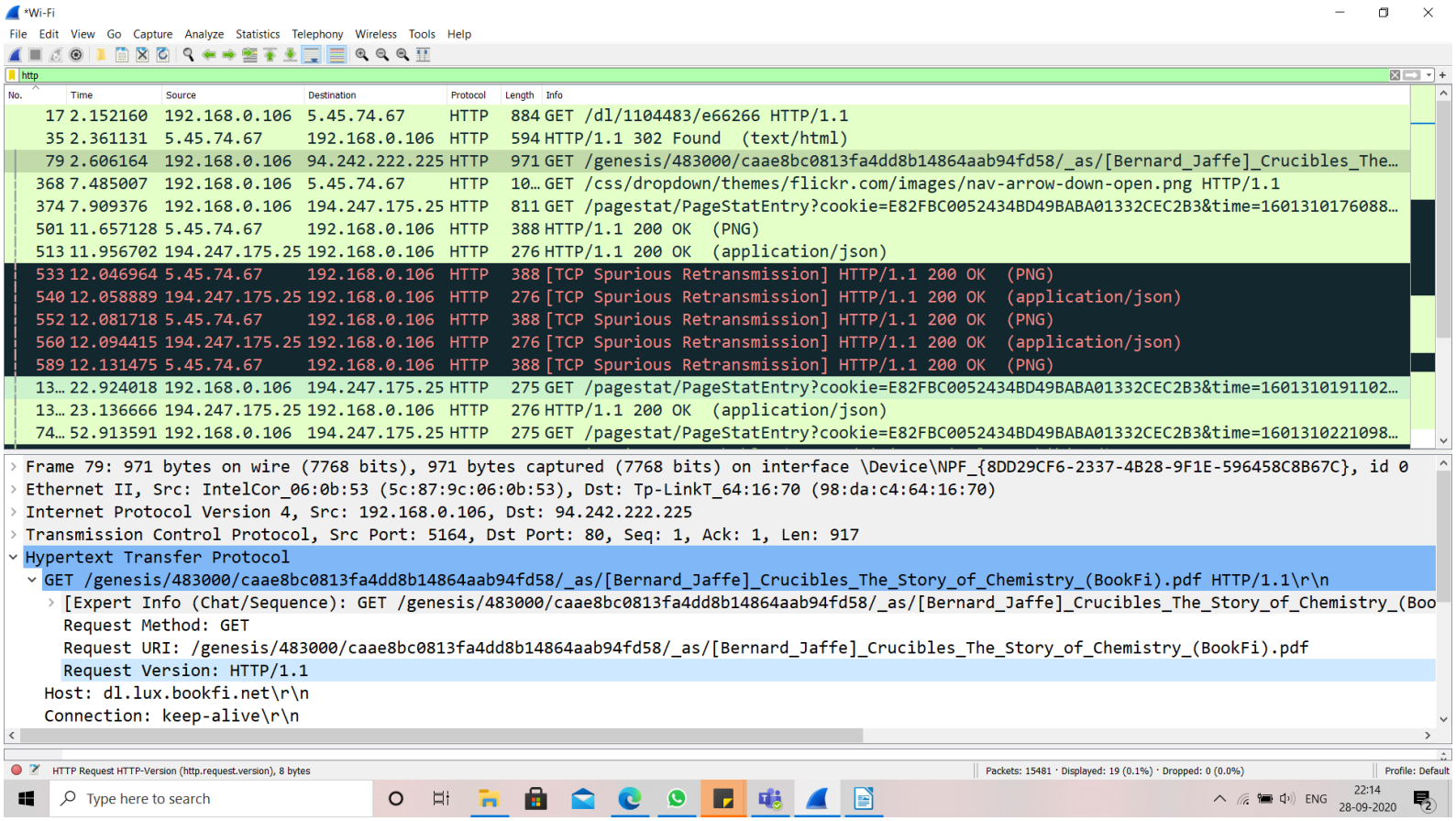
AM.EN.P2CSN20020

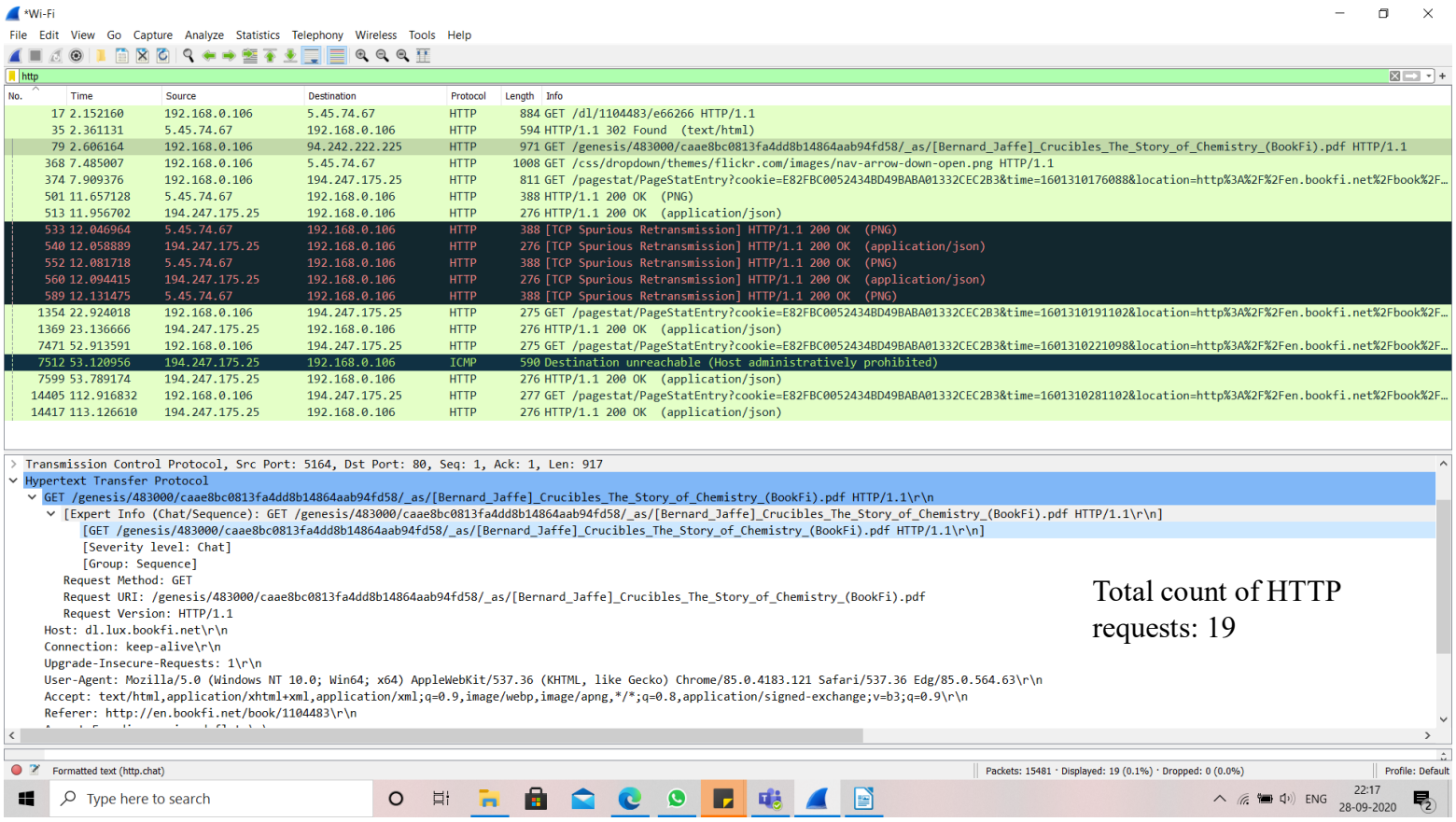
3 Try to download a big file (say one book) and observe how many http requests are sent. Mark the GET messages and corresponding responses. What are the IP addresses from where the responses come from?

Answer: 19 HTTP requests are sent.

IP addresses – 5.45.74.67, 94.242.222.225 and 194.247.175.25

GET message has been highlighted in the below figure.




*Wi-Fi
File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help
http
No. Time Source Destination Protocol Length Info
17 2.152160 192.168.0.106 5.45.74.67 HTTP 884 GET /dl/1104483/e66266 HTTP/1.1
35 2.361131 5.45.74.67 192.168.0.106 HTTP 594 HTTP/1.1 302 Found (text/html)
79 2.606164 192.168.0.106 94.242.222.225 HTTP 971 GET /genesis/483000/caae8bc0813fa4dd8b14864aab94fd58/_as/[Bernard_Jaffe]_Crucibles_The_Story_of_Chemistry_(BookFi).pdf HTTP/1.1
368 7.485007 192.168.0.106 5.45.74.67 HTTP 1008 GET /css/dropdown/themes/flickr.com/images/nav-arrow-down-open.png HTTP/1.1
374 7.909376 192.168.0.106 194.247.175.25 HTTP 811 GET /pagestat/PageStatEntry?cookie=E82FBC0052434BD49BABA01332CEC2B3&time=1601310176088&location=http%3A%2F%2Fen.bookfi.net%2Fbook%2F...
501 11.657128 5.45.74.67 192.168.0.106 HTTP 388 HTTP/1.1 200 OK (PNG)
513 11.956702 194.247.175.25 192.168.0.106 HTTP 276 HTTP/1.1 200 OK (application/json)
533 12.046964 5.45.74.67 192.168.0.106 HTTP 388 [TCP Spurious Retransmission] HTTP/1.1 200 OK (PNG)
540 12.058889 194.247.175.25 192.168.0.106 HTTP 276 [TCP Spurious Retransmission] HTTP/1.1 200 OK (application/json)
552 12.081718 5.45.74.67 192.168.0.106 HTTP 388 [TCP Spurious Retransmission] HTTP/1.1 200 OK (PNG)
560 12.094415 194.247.175.25 192.168.0.106 HTTP 276 [TCP Spurious Retransmission] HTTP/1.1 200 OK (application/json)
589 12.131475 5.45.74.67 192.168.0.106 HTTP 388 [TCP Spurious Retransmission] HTTP/1.1 200 OK (PNG)
1354 22.924018 192.168.0.106 194.247.175.25 HTTP 275 GET /pagestat/PageStatEntry?cookie=E82FBC0052434BD49BABA01332CEC2B3&time=1601310191102&location=http%3A%2F%2Fen.bookfi.net%2Fbook%2F...
1369 23.136666 194.247.175.25 192.168.0.106 HTTP 276 HTTP/1.1 200 OK (application/json)
7471 52.913591 192.168.0.106 194.247.175.25 HTTP 275 GET /pagestat/PageStatEntry?cookie=E82FBC0052434BD49BABA01332CEC2B3&time=1601310221098&location=http%3A%2F%2Fen.bookfi.net%2Fbook%2F...
7512 53.120956 194.247.175.25 192.168.0.106 ICMP 590 Destination unreachable (Host administratively prohibited)
7599 53.789174 194.247.175.25 192.168.0.106 HTTP 276 HTTP/1.1 200 OK (application/json)
14405 112.916832 192.168.0.106 194.247.175.25 HTTP 277 GET /pagestat/PageStatEntry?cookie=E82FBC0052434BD49BABA01332CEC2B3&time=1601310281102&location=http%3A%2F%2Fen.bookfi.net%2Fbook%2F...
14417 113.126610 194.247.175.25 192.168.0.106 HTTP 276 HTTP/1.1 200 OK (application/json)
Transmission Control Protocol, Src Port: 5164, Dst Port: 80, Seq: 1, Ack: 1, Len: 917
Hypertext Transfer Protocol
GET /genesis/483000/caae8bc0813fa4dd8b14864aab94fd58/_as/[Bernard_Jaffe]_Crucibles_The_Story_of_Chemistry_(BookFi).pdf HTTP/1.1\r\n
[Expert Info (Chat/Sequence): GET /genesis/483000/caae8bc0813fa4dd8b14864aab94fd58/_as/[Bernard_Jaffe]_Crucibles_The_Story_of_Chemistry_(BookFi).pdf HTTP/1.1\r\n]
[GET /genesis/483000/caae8bc0813fa4dd8b14864aab94fd58/_as/[Bernard_Jaffe]_Crucibles_The_Story_of_Chemistry_(BookFi).pdf HTTP/1.1\r\n]
[Severity level: Chat]
[Group: Sequence]
Request Method: GET
Request URI: /genesis/483000/caae8bc0813fa4dd8b14864aab94fd58/_as/[Bernard_Jaffe]_Crucibles_The_Story_of_Chemistry_(BookFi).pdf
Request Version: HTTP/1.1
Host: dl.lux.bookfi.net\r\n
Connection: keep-alive\r\n
Upgrade-Insecure-Requests: 1\r\n
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/85.0.4183.121 Safari/537.36 Edg/85.0.564.63\r\n
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.9\r\n
Referer: http://en.bookfi.net/book/1104483\r\n
Total count of HTTP requests: 19
Formatted text (http.chat)
Packets: 15481 · Displayed: 19 (0.1%) · Dropped: 0 (0.0%)
Profile: Default
Type here to search
ENG
22:17
28-09-2020