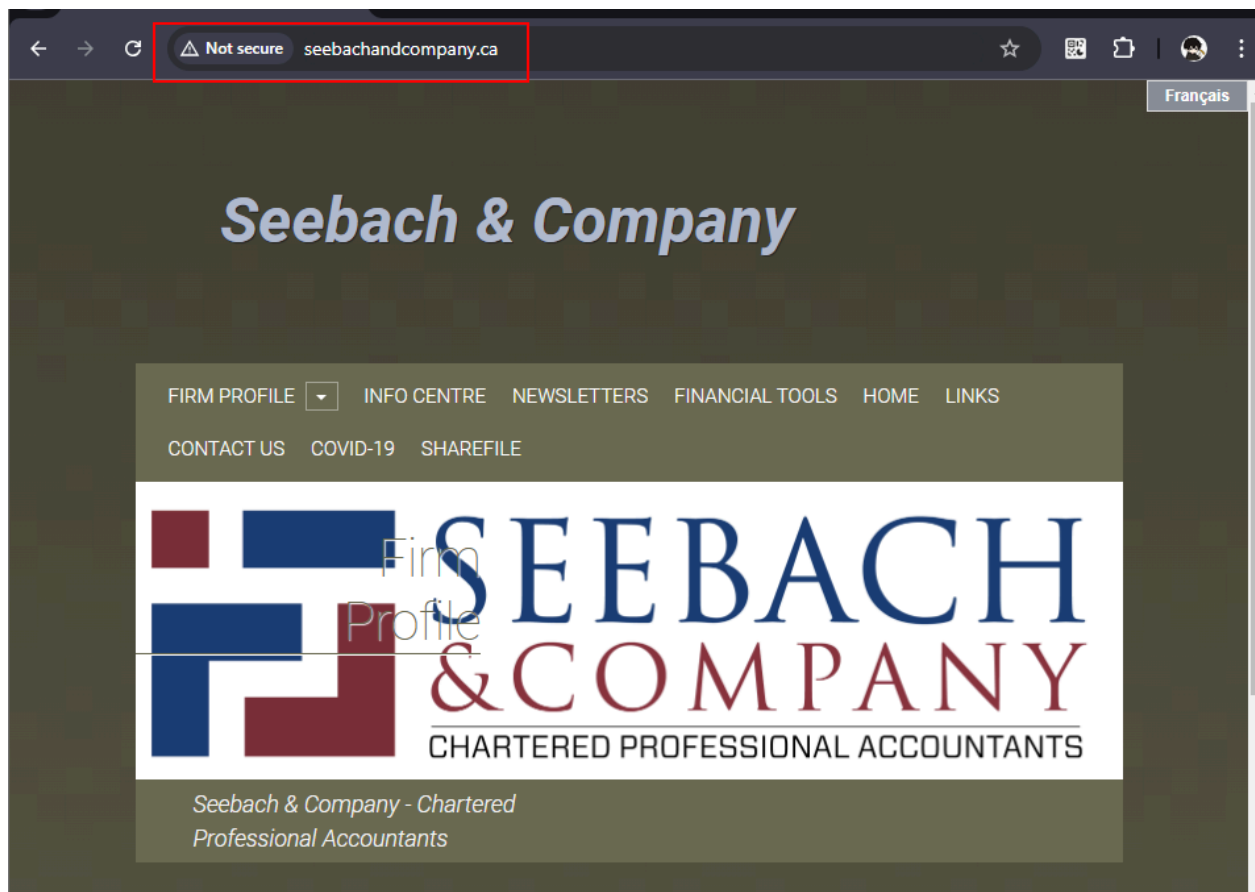
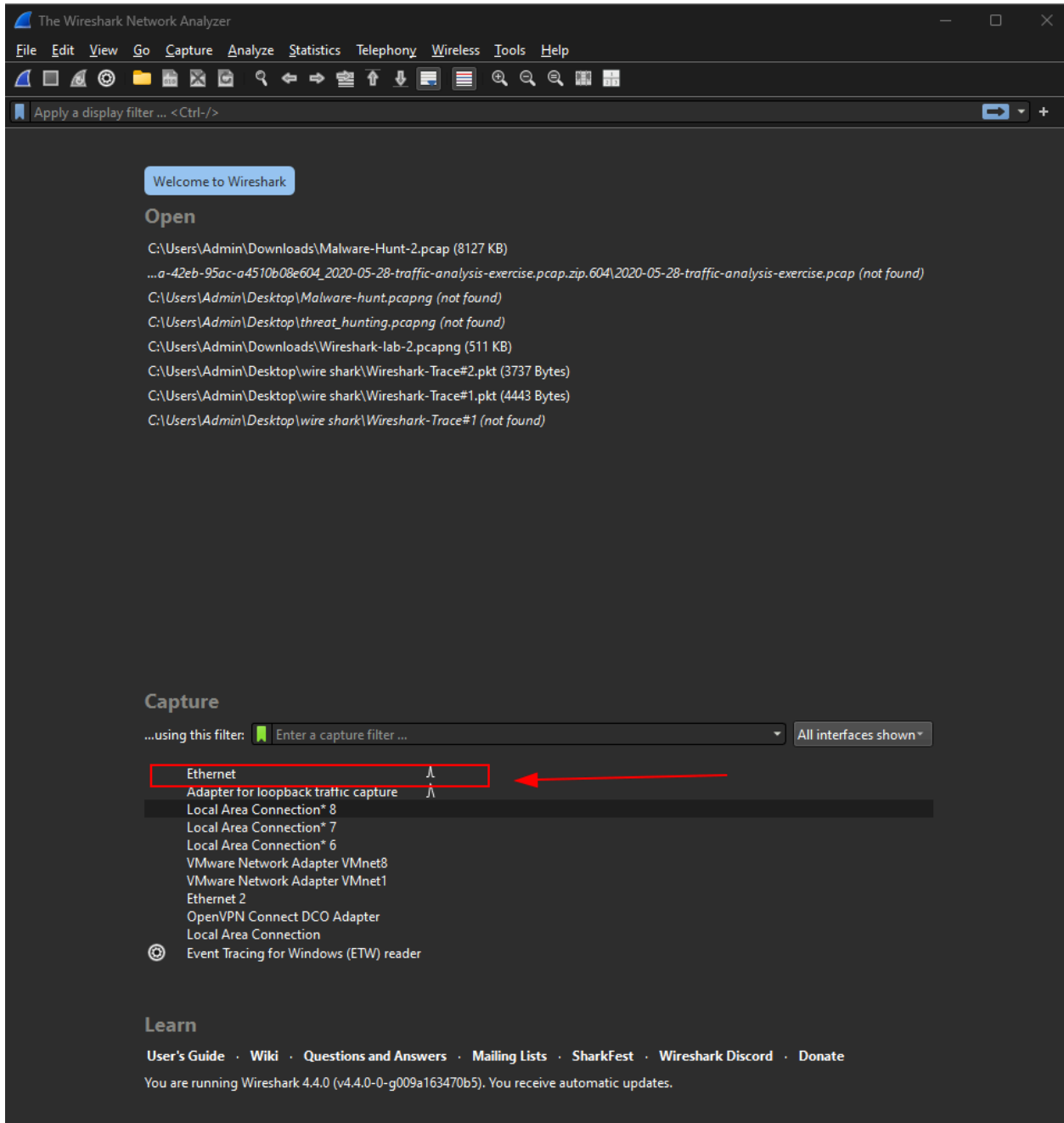


Name : Chetan Satone

Prn no. 008





Capturing from Ethernet

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

No.	Time	Source	Destination	Protocol	Length	Info
239	4.515256	Dell_9f:8f:14	Broadcast	ARP	60	Who has 192.168.2.138? T
240	4.559710	HP_0c:4a:80	Broadcast	ARP	60	Who has 192.168.1.71? Te
241	4.605903	192.168.2.91	239.255.255.250	SSDP	217	M-SEARCH * HTTP/1.1
242	4.685631	192.168.2.112	224.0.0.251	MDNS	87	Standard query 0x0000 PT
243	4.710043	192.168.3.229	224.0.0.251	MDNS	82	Standard query 0x0000 PT
244	4.710043	fe80::408:b709:babc:14b2	ff02::fb	MDNS	102	Standard query 0x0000 PT
245	4.710895	192.168.3.229	224.0.0.251	MDNS	82	Standard query 0x0000 PT
246	4.710895	fe80::408:b709:babc:14b2	ff02::fb	MDNS	102	Standard query 0x0000 PT
247	4.716907	192.168.2.27	224.0.0.251	MDNS	85	Standard query 0x0000 PT
248	4.716907	fe80::c2bb:ae98:6819:42...	ff02::fb	MDNS	105	Standard query 0x0000 PT
249	4.737449	Dell_9f:8f:14	Broadcast	ARP	60	Who has 192.168.1.98? Te
250	4.793507	HP_0e:74:c7	Broadcast	ARP	60	Who has 192.168.3.34? Te
251	4.805912	192.168.3.214	224.0.0.251	MDNS	85	Standard query 0x0000 PT
252	4.807773	fe80::c5b1:b29c:a7c3:71...	ff02::fb	MDNS	105	Standard query 0x0000 PT
253	4.808815	fe80::408:b709:babc:14b2	ff02::1:2	DHCPv6	120	Information-request XID:
254	4.822814	Dell_9f:8f:14	Broadcast	ARP	60	Who has 192.168.3.133? T
255	4.929125	Dell_9f:8f:14	Broadcast	ARP	60	Who has 192.168.3.35? Te
256	4.931440	fe80::3cd4:5eff:fe43:2d...	ff02::2	ICMPv6	70	Router Solicitation from
257	5.066321	Dell_9f:8f:14	Broadcast	ARP	60	Who has 192.168.3.201? T
258	5.097202	fe80::6cfb:98ff:fe6d:8c...	ff02::16	ICMPv6	90	Multicast Listener Repor
259	5.097202	192.168.3.30	224.0.0.22	IGMPv3	60	Membership Report / Join
260	5.152873	Dell_9f:8f:14	Broadcast	ARP	60	Who has 192.168.2.137? T
261	5.196572	HP_0e:75:aa	Broadcast	ARP	60	Who has 169.254.169.254? T
262	5.233035	HP_0c:4b:76	Broadcast	ARP	60	Who has 192.168.2.166? T
263	5.250253	Dell_9f:8f:14	Broadcast	ARP	60	Who has 192.168.3.187? T
264	5.399926	HP_0e:76:e4	Broadcast	ARP	60	Who has 192.168.1.91? Te
265	5.400519	fe80::d2ad:8ff:fe59:f97e	ff02::2	ICMPv6	62	Router Solicitation
266	5.441306	Dell_9f:8f:14	Broadcast	ARP	60	Who has 192.168.2.51? Te

Frame 1: 60 bytes on wire (480 bits), 60 bytes captured on interface 0

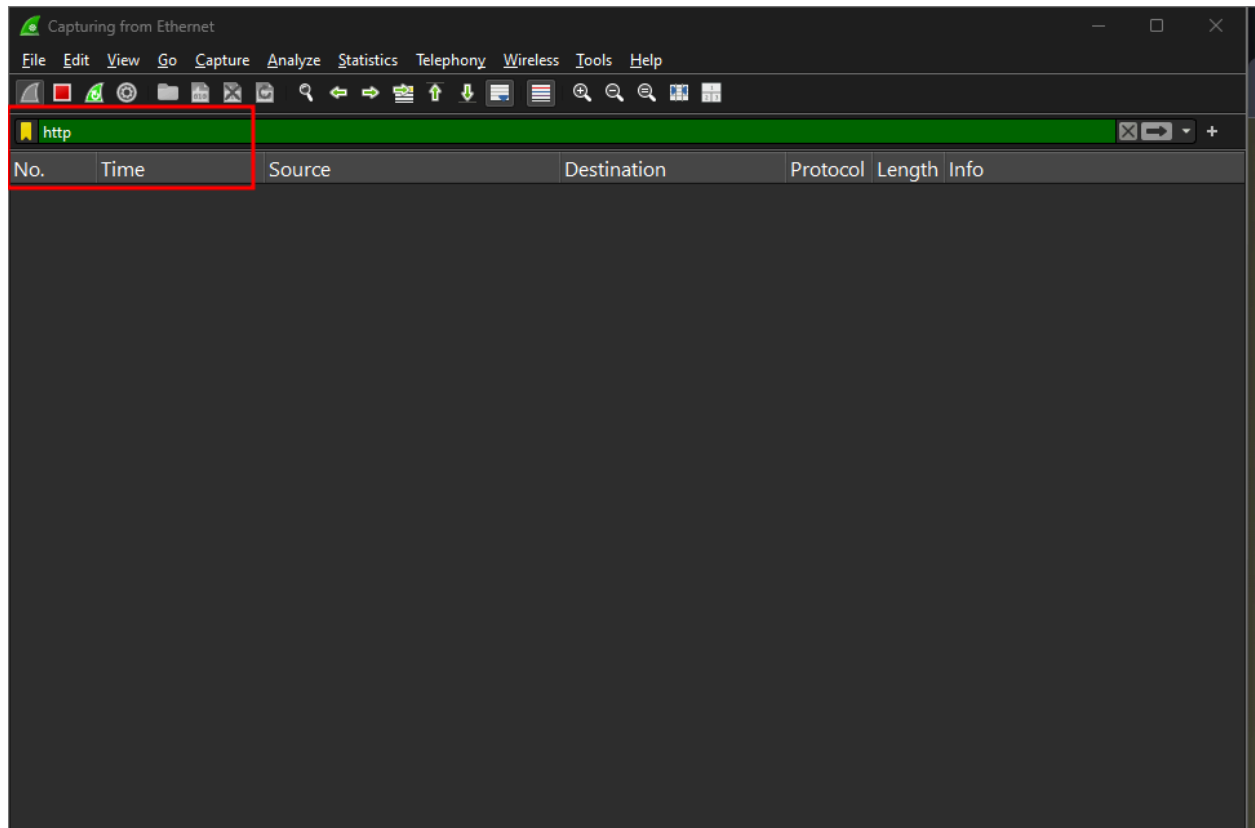
Ethernet II, Src: Dell\_9f:8f:14 (18:66:da:9f:8f:14), Dst: ff:ff:ff:ff:ff:ff

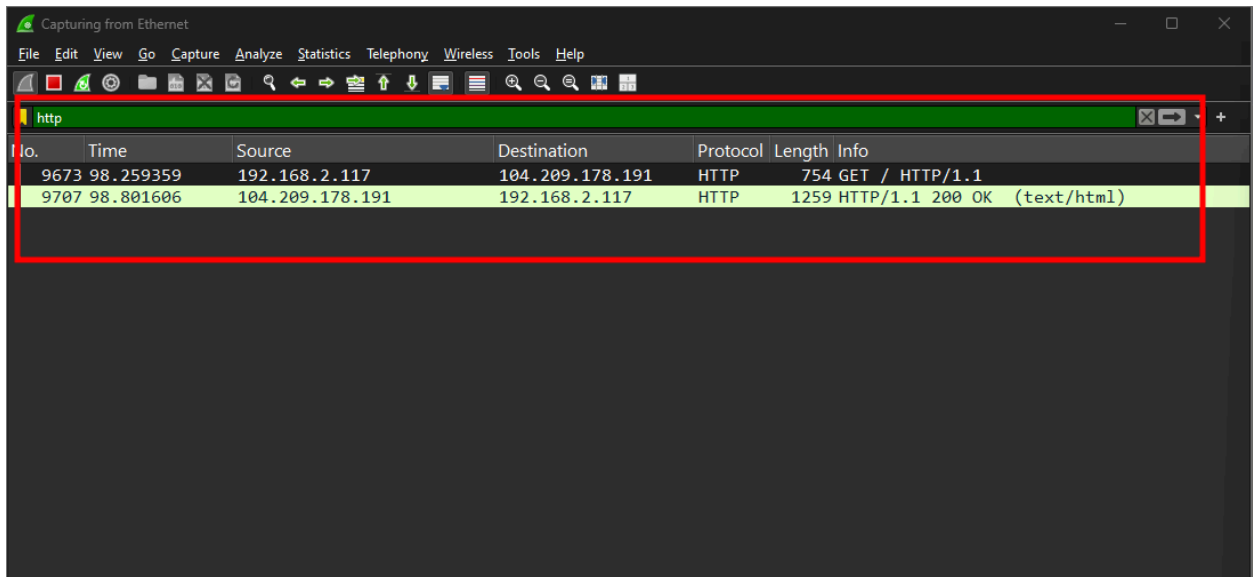
Address Resolution Protocol (request)

```

0000  11111111 11111111 11111111 11111111 11111111 11111111
0008  11011010 10011111 10001111 00010100 00001000 00001000
0010  00001000 00000000 00000110 00000100 00000000 00000000
0018  11011010 10011111 10001111 00010100 11000000 11000000
0020  00000000 00000000 00000000 00000000 00000000 00000000
0028  00000000 00011000 00000000 00000000 00000000 00000000
0030  00000000 00000000 00000000 00000000 00000000 00000000
0038  00000000 00000000 00000000 00000000

```





```
▶ Frame 9673: 754 bytes on wire (6032 bits), 754 bytes captured (6032 b 0000 00
▶ Ethernet II, Src: HP_0e:74:31 (2c:58:b9:0e:74:31), Dst: Dell_9f:8f:14 0008 10
▶ Internet Protocol Version 4, Src: 192.168.2.117, Dst: 104.209.178.191 0010 00
▶ Transmission Control Protocol, Src Port: 53268, Dst Port: 80, Seq: 1, 0018 00
▶ Hypertext Transfer Protocol 0020 10
0028 01
0030 00
0038 01
0040 00
0048 01
0050 01
0058 01
0060 01
0068 01
0070 00
0078 01
0080 01
0088 01
0090 00
```

```
▶ Frame 9673: 754 bytes on wire (6032 bits), 754 bytes captured (6032 b
▶ Ethernet II, Src: HP_0e:74:31 (2c:58:b9:0e:74:31), Dst: Dell_9f:8f:14
▶ Internet Protocol Version 4, Src: 192.168.2.117, Dst: 104.209.178.191
▶ Transmission Control Protocol, Src Port: 53268, Dst Port: 80, Seq: 1,
▼ Hypertext Transfer Protocol
  GET / HTTP/1.1\r\n
    Request Method: GET
    Request URI: /
    Request Version: HTTP/1.1
  Host: www.seebachandcompany.ca\r\n
  Connection: keep-alive\r\n
  Cache-Control: max-age=0\r\n
  Upgrade-Insecure-Requests: 1\r\n
  User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/!
  Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image
  Accept-Encoding: gzip, deflate\r\n
  Accept-Language: en-US,en;q=0.9\r\n
▶ Cookie: route=1733737412.54.26.155514|46df82c37bc22869958b1db5432b
  installed: installed\r\n
  \r\n
  [Full request URI: http://www.seebachandcompany.ca/]
```

Capturing from Ethernet

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http

No.	Time	Source	Destination	Protocol	Length	Info
9673	98.259359	192.168.2.117	104.209.178.191	HTTP	754	GET / HTTP/1.1
9707	98.801606	104.209.178.191	192.168.2.117	HTTP	1259	HTTP/1.1 200 OK (text/html)

Frame 9707: 1259 bytes on wire (10072 bits), 1259 bytes captured (10072 bits) on interface 0

Ethernet II, Src: Dell\_9f:8f:14 (18:66:da:9f:8f:14), Dst: HP\_0e:74:00:12:35:00 (08:00:27:12:35:00)

Internet Protocol Version 4, Src: 104.209.178.191, Dst: 192.168.2.117

Transmission Control Protocol, Src Port: 80, Dst Port: 53268, Seq: 3441111111, Win: 65535, Len: 0

[8 Reassembled TCP Segments (11425 bytes): #9699(1460), #9700(1460), #9701(1460), #9702(1460), #9703(1460), #9704(1460), #9705(1460), #9706(1460)]

Hypertext Transfer Protocol, has 2 chunks (including last chunk)

- HTTP/1.1 200 OK\r\n
  - Response Version: HTTP/1.1
  - Status Code: 200
  - [Status Code Description: OK]
  - Response Phrase: OK
  - Date: Mon, 09 Dec 2024 09:55:40 GMT\r\n
  - Content-Type: text/html; charset=UTF-8\r\n
  - Transfer-Encoding: chunked\r\n
  - Connection: keep-alive\r\n
  - Expires: Thu, 19 Nov 1981 08:52:00 GMT\r\n
  - Cache-Control: no-store, no-cache, must-revalidate\r\n
  - Pragma: no-cache\r\n
  - Set-Cookie: PHPSESSID=qeo2bgas700sp0nc9sfaaflhf; path=/; secure; \r\n
  - Set-Cookie: BNES\_PHPSESSID=MSmgbmErX3/JWYj1a7E/AjaqGMrOqkoM2Q46/x\r\n

[Request in frame: 9673]

[Time since request: 0.542247000 seconds]

[Request URI: /]

Capturing from Ethernet

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

http

No.	Time	Source	Destination	Protocol	Length	Info
9673	98.259359	192.168.2.117	104.209.178.191	HTTP	754	GET / HTTP/1.1
9707	98.801606	104.209.178.191	192.168.2.117	HTTP	1259	HTTP/1.1 200 OK (text/html)
770...	749.207183	192.168.2.117	104.108.224.28	HTTP	281	GET / HTTP/1.1
770...	749.254583	104.108.224.28	192.168.2.117	HTTP	317	HTTP/1.1 304 Not Modified
150...	1113.539136	192.168.2.117	104.209.178.191	HTTP	728	GET / HTTP/1.1
151...	1114.191920	104.209.178.191	192.168.2.117	HTTP	1259	HTTP/1.1 200 OK (text/html)

Frame 9673: 754 bytes on wire (6032 bits), 754 bytes captured (6032 bits) on interface 0  
Ethernet II, Src: HP\_0e:74:31 (2c:58:b9:0e:74:31), Dst: Dell\_9f:8f:14 (18:9f:8f:14:9f:14)  
Internet Protocol Version 4, Src: 192.168.2.117, Dst: 104.209.178.191  
Transmission Control Protocol, Src Port: 53268, Dst Port: 80, Seq: 1, Ack: 35268, Win: 0, Len: 0  
Hypertext Transfer Protocol  
GET / HTTP/1.1\r\nRequest Method: GETRequest URI: /Request Version: HTTP/1.1Host: www.seebachandcompany.ca\r\nConnection: keep-alive\r\nCache-Control: max-age=0\r\nUpgrade-Insecure-Requests: 1\r\nUser-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/80.0.4012.91 Safari/537.36\r\nAccept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,\*/\*;q=0.8\r\nAccept-Encoding: gzip, deflate\r\nAccept-Language: en-US,en;q=0.9\r\nCookie: route=1733737412.54.26.155514|46df82c37bc22869958b1db5432be4ea; BNES\_route=sCHn6qRHNd7yoMmuQKg9Wyc42Wiz5Z1Sxa+770U1Vi7yqo\r\ninstalled: installed\r\n\r\n[Response in frame: 9707]  
[Full request URI: http://www.seebachandcompany.ca/]



Wireshark packet capture analysis showing an HTTP response from 104.209.178.191 to 192.168.2.117. The response is an HTML document (200 OK) with a status code of 200 and a response phrase of OK. The response includes headers for Date, Content-Type, Transfer-Encoding, Connection, Expires, Cache-Control, Pragma, Set-Cookie, and Set-Cookie. The response body is a text/html document (189 lines).

No.	Time	Source	Destination	Protocol	Length	Info
9673	98.259359	192.168.2.117	104.209.178.191	HTTP	754	GET / HTTP/1.1
9707	98.801606	104.209.178.191	192.168.2.117	HTTP	1259	HTTP/1.1 200 OK (text/html)
770...	749.207183	192.168.2.117	104.108.224.28	HTTP	281	GET / HTTP/1.1
770...	749.254583	104.108.224.28	192.168.2.117	HTTP	317	HTTP/1.1 304 Not Modified
150...	1113.539136	192.168.2.117	104.209.178.191	HTTP	728	GET / HTTP/1.1
151...	1114.191920	104.209.178.191	192.168.2.117	HTTP	1259	HTTP/1.1 200 OK (text/html)

**Packet 9707 Details:**

- Ethernet II, Src: Dell\_9f:8f:14 (18:66:da:9f:8f:14), Dst: HP\_0e:74:31 (2c:00:11:00:00:00)
- Internet Protocol Version 4, Src: 104.209.178.191, Dst: 192.168.2.117
- Transmission Control Protocol, Src Port: 80, Dst Port: 53268, Seq: 10221, [8 Reassembled TCP Segments (11425 bytes): #9699(1460), #9700(1460), #9701(1460), #9702(1460), #9703(1460), #9704(1460), #9705(1460), #9706(1460)]
- Hypertext Transfer Protocol, has 2 chunks (including last chunk)
  - HTTP/1.1 200 OK\r\n
    - Response Version: HTTP/1.1
    - Status Code: 200
    - [Status Code Description: OK]
    - Response Phrase: OK
    - Date: Mon, 09 Dec 2024 09:55:40 GMT\r\n
    - Content-Type: text/html; charset=UTF-8\r\n
    - Transfer-Encoding: chunked\r\n
    - Connection: keep-alive\r\n
    - Expires: Thu, 19 Nov 1981 08:52:00 GMT\r\n
    - Cache-Control: no-store, no-cache, must-revalidate\r\n
    - Pragma: no-cache\r\n
    - Set-Cookie: PHPSESSID=qeo2bgas700sp0nc9sfaaaf1hf; path=/; secure; HttpOnly
    - Set-Cookie: BNES\_PHPSESSID=MSmgbmErX3/JWYj1a7E/AjaqGMrOqkoM2Q46/xmDLH/0
    - \r\n
    - [Request in frame: 96/3]
    - [Time since request: 0.542247000 seconds]
    - [Request URI: /]
    - [Full request URI: http://www.seebachandcompany.ca/]
  - HTTP chunked response
  - File Data: 10899 bytes
- Line-based text data: text/html (189 lines)

**Frame 9707 (1259 bytes):** Reassembled TCP (11425 bytes) De-chunked

```
File Actions Edit View Help

(kali@kali) [~]
$ curl --head http://vbsca.ca
HTTP/1.1 302 Object moved
Server: Microsoft-IIS/5.0
Date: Mon, 09 Dec 2024 10:27:01 GMT
Location: http://www.seebachandcompany.ca
Content-Length: 152
Content-Type: text/html
Set-Cookie: ASPSESSIONIDCQRCSRCC=DOFBFFODKDCCJGKPNPAHKAFB; path=/
Cache-control: private

(kali@kali) [~]
$ curl -v -X OPTIONS http://vbsca.ca
* Host vbsca.ca:80 was resolved.
* IPv6: (none)
* IPv4: 163.182.194.25
* Trying 163.182.194.25:80 ...
* Connected to vbsca.ca (163.182.194.25) port 80
* using HTTP/1.x
> OPTIONS / HTTP/1.1
> Host: vbsca.ca
> User-Agent: curl/8.10.1
> Accept: */*
>
* Request completely sent off
< HTTP/1.1 200 OK
< Server: Microsoft-IIS/5.0
< Date: Mon, 09 Dec 2024 10:27:35 GMT
< MS-Author-Via: DAV
< Content-Length: 0
< Accept-Ranges: none
< DASL: <DAV:sql>
< DAV: 1, 2
< Public: OPTIONS, TRACE, GET, HEAD, DELETE, PUT, POST, COPY, MOVE, MKCOL, PROPFIND, PROPPATCH, LOCK, UNLOCK, SEARCH
< Allow: OPTIONS, TRACE, GET, HEAD, COPY, PROPFIND, SEARCH, LOCK, UNLOCK
< Cache-Control: private
<
* Connection #0 to host vbsca.ca left intact

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

```
(kali@kali)-[~]
$ curl -v -X OPTIONS http://www.abmspocerpune.org
* Could not resolve host: www.abmspocerpune.org
* shutting down connection #0
curl: (6) Could not resolve host: www.abmspocerpune.org

(kali@kali)-[~]
$ curl -v -X OPTIONS http://www.abmspcoerpune.org
* Host www.abmspcoerpune.org:80 was resolved.
* IPv6: (none)
* IPv4: 103.224.247.228
* Trying 103.224.247.228:80...
* Connected to www.abmspcoerpune.org (103.224.247.228) port 80
* using HTTP/1.x
> OPTIONS / HTTP/1.1
> Host: www.abmspcoerpune.org
> User-Agent: curl/8.10.1
> Accept: */*
>
* Request completely sent off
< HTTP/1.1 301 Moved Permanently
< Content-Type: text/html; charset=UTF-8
< Location: https://www.abmspcoerpune.org/
< Server: Microsoft-IIS/10.0
< X-Powered-By: ASP.NET
< X-Powered-By-Plesk: PleskWin
< Date: Mon, 09 Dec 2024 17:14:50 GMT
< Content-Length: 153
<
<head><title>Document Moved</title></head>
* Connection #0 to host www.abmspcoerpune.org left intact
<body><h1>Object Moved</h1>This document may be found <a HREF="https://www.abmspcoerpune.org/">here</a></body>

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