

Q1

Q1

Q1.pcapng

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

http

No.	Time	Source	Destination	Protocol	Length	Info
179	2.939721	106.51.145.89	172.16.31.15	HTTP	259	HTTP/1.1 200 OK (application/javascript)
184	2.948360	172.16.31.15	146.190.62.39	HTTP	492	GET / HTTP/1.1
193	3.165412	146.190.62.39	172.16.31.15	HTTP	1350	HTTP/1.1 200 OK (text/html)
203	3.217933	172.16.31.15	146.190.62.39	HTTP	378	GET /js/init.min.js HTTP/1.1
298	3.438544	146.190.62.39	172.16.31.15	HTTP	440	HTTP/1.1 200 OK (application/javascript)
306	3.788638	172.16.31.15	146.190.62.39	HTTP	396	GET /css/style.min.css HTTP/1.1
307	3.789294	172.16.31.15	146.190.62.39	HTTP	401	GET /css/style-wide.min.css HTTP/1.1
334	4.002772	172.16.31.15	146.190.62.39	HTTP	403	GET /css/style-normal.min.css HTTP/1.1
345	4.014317	172.16.31.15	146.190.62.39	HTTP	403	GET /css/style-narrow.min.css HTTP/1.1
346	4.014438	172.16.31.15	146.190.62.39	HTTP	405	GET /css/style-narrower.min.css HTTP/1.1
349	4.040579	146.190.62.39	172.16.31.15	HTTP	972	HTTP/1.1 200 OK (text/css)
351	4.041038	172.16.31.15	146.190.62.39	HTTP	403	GET /css/style-mobile.min.css HTTP/1.1
356	4.226048	146.190.62.39	172.16.31.15	HTTP	1182	HTTP/1.1 200 OK (text/css)
358	4.241597	146.190.62.39	172.16.31.15	HTTP	1232	HTTP/1.1 200 OK (text/css)
360	4.244789	146.190.62.39	172.16.31.15	HTTP	915	HTTP/1.1 200 OK (text/css)
363	4.249995	146.190.62.39	172.16.31.15	HTTP	1252	HTTP/1.1 200 OK (text/css)
373	4.266167	146.190.62.39	172.16.31.15	HTTP	1471	HTTP/1.1 200 OK (text/css)
491	4.970253	172.16.31.15	146.190.62.39	HTTP	463	GET /css/images/banner.svg HTTP/1.1
492	4.971183	172.16.31.15	146.190.62.39	HTTP	478	GET /css/images/header-major-on-light.svg HTTP/1.1
493	4.972149	172.16.31.15	146.190.62.39	HTTP	477	GET /css/images/header-major-on-dark.svg HTTP/1.1
687	5.196189	146.190.62.39	172.16.31.15	HTTP/X...	1337	HTTP/1.1 200 OK
688	5.198311	146.190.62.39	172.16.31.15	HTTP/X...	1331	HTTP/1.1 200 OK
689	5.200553	146.190.62.39	172.16.31.15	HTTP/X...	1381	HTTP/1.1 200 OK
705	5.248888	172.16.31.15	146.190.62.39	HTTP	436	GET /favicon.ico HTTP/1.1
719	5.483363	146.190.62.39	172.16.31.15	HTTP	787	HTTP/1.1 200 OK (image/x-icon)

```
> Frame 687: Packet, 1337 bytes on wire (10696 bits), 1337 bytes
> Ethernet II, Src: Sonicwall_ee:46:3d (18:b1:69:ee:46:3d), Dst: 
> Internet Protocol Version 4, Src: 146.190.62.39, Dst: 172.16.31.15
> Transmission Control Protocol, Src Port: 80, Dst Port: 55562, TOS: 0x0, TTL: 64, ID: 0, Offsets: 0x0, Flags: 0x0, Window: 65535, Checksum: 0x0000 (Valid)
> Hypertext Transfer Protocol
  > HTTP/1.1 200 OK\r\n
```

```
0000 e0 d4 e8 b9 6e a0 18 b1 69 ee 46 3d 01
0010 05 2b bd 29 40 00 31 06 eb 9e 92 be 3d
0020 1f 0f 00 50 d9 0a 39 44 9f 12 d9 2d 3d
0030 01 f5 cb 41 00 00 48 54 54 50 2f 31 2d
0040 30 30 20 4f 4b 0d 0a 53 65 72 76 65 7d
```

Packet (1337 bytes) Decoded UTF-8 text (457 bytes)

Hypertext Transfer Protocol: Protocol

Packets: 1484 · Displayed: 28 (1.9%) · Dropped: 0 (0.0%) · Profile: Default

Wireshark - HTTP / Requests - Q1.pcapng

Request Type	Count	Average	Min Val	Max Val	Rate (ms)	Percent	Burst Rate	Burst Start
HTTP Requests by HTTP Host	18				0.0037	100%	0.0400	4.003
httpforever.com	12				0.0025	66.67%	0.0400	4.003
/js/init.min.js	1				0.0002	8.33%	0.0100	3.218
/favicon.ico	1				0.0002	8.33%	0.0100	5.249
/css/style.min.css	1				0.0002	8.33%	0.0100	3.789
/css/style-wide.min.css	1				0.0002	8.33%	0.0100	3.789
/css/style-normal.min.css	1				0.0002	8.33%	0.0100	4.003
/css/style-narrow.min.css	1				0.0002	8.33%	0.0100	4.014
/css/style-mobile.min.css	1				0.0002	8.33%	0.0100	4.041
/css/images/header-major-on-light.svg	1				0.0002	8.33%	0.0100	4.971
/css/images/header-major-on-dark.svg	1				0.0002	8.33%	0.0100	4.972
/css/images/banner.svg	1				0.0002	8.33%	0.0100	4.970
/	1				0.0002	8.33%	0.0100	2.948
239.255.255.250:1900	4				0.0008	22.22%	0.0100	4.609
*	4				0.0008	100.00%	0.0100	4.609
x1.i.lencr.org	1				0.0002	5.56%	0.0100	2.836
/	1				0.0002	100.00%	0.0100	2.836

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Wireshark · HTTP / Packet Counter · Q.1.pcapng

Packet Type	Count	Average	Min Val	Max Val	Rate (ms)	Percent	Burst Rate	Burst Start
▼ Total HTTP Packets	32				0.0066	100%	0.0500	4.003
▼ HTTP Request Packets	18				0.0037	56.25%	0.0400	4.003
GET	14				0.0029	77.78%	0.0400	4.003
SEARCH	4				0.0008	22.22%	0.0100	4.609
▼ HTTP Response Packets	14				0.0029	43.75%	0.0500	4.226
▼ 2xx: Success	14				0.0029	100.00%	0.0500	4.226
200 OK	14				0.0029	100.00%	0.0500	4.226
???: broken	0				0.0000	0.00%	-	-
5xx: Server Error	0				0.0000	0.00%	-	-
4xx: Client Error	0				0.0000	0.00%	-	-
3xx: Redirection	0				0.0000	0.00%	-	-
1xx: Informational	0				0.0000	0.00%	-	-
Other HTTP Packets	0				0.0000	0.00%	-	-

Display filter: Enter a display filter ... Apply

Copy Save as... Close

Wireshark · Conversations · Q.1.pcapng

Conversation Settings

Name resolution
 Absolute start time
 Display raw data
 Limit to display filter

Copy Follow Stream... Graph... I/O Graphs

Protocol		Address A	Address B	Packets	Bytes	Stream ID	Total Packets	Percent Filtered	Packets A
<input type="checkbox"/>	Bluetooth	172.16.31.15	106.51.145.89	4	1 kB	10	16	25.00%	
<input type="checkbox"/>	BPv7	172.16.31.15	146.190.62.39	24	19 kB	6	94	25.53%	

Ethernet
 FC
 FDDI
 IEEE 802.11
 IEEE 802.15.4
 ILNP
 IPv4
 IPv6
 IPX
 JXTA
 ITP

Filter list for specific type Close Help

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Oracle VirtualBox Manager

File Machine Help

Home + Settings

Basic Expert Search settings

nik - Settings

General System Display Storage Audio Network Serial Ports USB Shared Folders User Interface

Network

Adapter 1 Adapter 2 Adapter 3 Adapter 4

Enable Network Adapter
Attached to: Bridged Adapter
Name: Intel(R) Wireless-AC 9560 160MHz
Adapter Type: Paravirtualized Network (virtio-net)
Promiscuous Mode: Deny
MAC Address: 080027E19ADE
Virtual Cable Connected

Serial Ports

Port 1 Port 2 Port 3 Port 4

Enable Serial Port
Port Number: COM1 IRQ: 4 I/O Port: x5F8

OK Cancel Help

Device Filters: 0 (0 active)

Shared folders None Description None

File Edit Selection View Go Run ...

Evaluation_dec_10_set-16

EXPLORER OPEN EDITORS EVALUTION_DEC_10_SET-16 .snapshots

Welcome Q_4.py

Q_4.py > ...

```
1 import requests
2 from datetime import datetime
3
4 api_url = "https://reqres.in/api/users"
5 headers = {
6     "Authorization": "Bearer reqres-token", "reqres": "Unknown word."
7     "Content-Type": "application/json"
8 }
9 payload = {
10     "name": "neo",
11     "job": "chosen"
12 }
13
14
15 response = requests.post(api_url, headers=headers, json=payload)
16
17
18 data = response.json()
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS SPELL CHECKER POLYGLOT NOTEBOOK AZURE POSTMAN CONSOLE

Warning: PowerShell detected that you might be using a screen reader and has disabled PSReadLine for compatibility purposes. If you want to re-enable it, run 'Import-Module PSReadLine'.

PS C:\Users\nikhil\OneDrive\Desktop\Evaluation_dec_10_set-16> python .\Q_4.py
2025
PS C:\Users\nikhil\OneDrive\Desktop\Evaluation_dec_10_set-16>

... TIMELINE OUTLINE DOCKER CONTAINERS DOCKER IMAGES AZURE CONTAINER REGISTRY DOCKER HUB SUGGESTED DOCKER HUB IMAGES