

Wireless LAN adapter Local Area Connection\* 2:

Media State . . . . . : Media disconnected  
Connection-specific DNS Suffix . :

Wireless LAN adapter Wi-Fi:

Connection-specific DNS Suffix . :  
Link-local IPv6 Address . . . . . : fe80::6588:6fa5:5d5:82c2%15  
IPv4 Address. . . . . : 192.168.33.154  
Subnet Mask . . . . . : 255.255.252.0  
Default Gateway . . . . . : 192.168.32.1

Ethernet adapter Bluetooth Network Connection:

Media State . . . . . : Media disconnected  
Connection-specific DNS Suffix . :

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Wireshark - Packet 16005 - Wi-Fi

[Frame is marked: False]  
[Frame is ignored: False]  
[Protocols in frame: eth:ethertype:ip:tcp:http:data-text-lines]  
[Coloring Rule Name: HTTP]  
[Coloring Rule String: http || tcp.port == 80 || http2]

▼ Ethernet II, Src: Routerbo\_1e:0c:99 (cc:2d:e0:1e:0c:99), Dst: HonHaiPr\_6c:ae:21 (a8:6b:ad:6c:ae:21)

- > Destination: HonHaiPr\_6c:ae:21 (a8:6b:ad:6c:ae:21)
- > Source: Routerbo\_1e:0c:99 (cc:2d:e0:1e:0c:99)  
Type: IPv4 (0x0800)
- > Internet Protocol Version 4, Src: 65.254.250.110, Dst: 192.168.33.154
- > Transmission Control Protocol, Src Port: 80, Dst Port: 60532, Seq: 253040, Ack: 3465, Len: 1094
- > Hypertext Transfer Protocol
- > Line-based text data: text/html (29 lines)

Offset	Hex	ASCII
0000	a8 6b ad 6c ae 21 cc 2d e0 1e 0c 99 08 00 45 00	.k.l.-.-.E.
0010	04 6e 36 3c 40 00 30 06 f1 9e 41 fe fa 6e c0 a8	.n6<@.0. .A.n.
0020	21 9a 00 50 ec 74 de df 8c e2 7e b4 34 5b 50 18	!..P.t. .~.4[P.
0030	00 93 bb e6 00 00 48 54 54 50 2f 31 2e 31 20 34	.....HT TP/1.1 4
0040	30 34 20 4e 6f 74 20 46 6f 75 6e 64 0d 0a 44 61	04 Not Found..Da
0050	74 65 3a 20 57 65 64 2c 20 31 33 20 4f 63 74 20	te: Wed, 13 Oct
0060	32 30 32 31 20 30 37 3a 31 37 3a 35 37 20 47 4d	2021 07: 17:57 GM
0070	54 0d 0a 43 6f 6e 74 65 6e 74 2d 54 79 70 65 3a	T..Conte nt-Type:
0080	20 74 65 78 74 2f 68 74 6d 6c 0d 0a 43 6f 6e 74	text/ht ml..Cont
0090	65 6e 74 2d 4c 65 6e 67 74 68 3a 20 38 36 37 0d	ent-Leng th: 867.
00a0	0a 43 6f 6e 6e 65 63 74 69 6f 6e 3a 20 6b 65 65	.Connect ion: kee
00b0	70 2d 61 6c 69 76 65 0d 0a 53 65 72 76 65 72 3a	p-alive. Server:
00c0	20 41 70 61 63 68 65 2f 32 0d 0a 4c 61 73 74 2d	Apache/ 2..Last-
00d0	4d 6f 64 69 66 69 65 64 3a 20 46 72 69 2c 20 31	Modified : Fri, 1
00e0	30 20 4a 61 6e 20 32 30 32 30 20 31 36 3a 30 33	0 Jan 20 20 16:03
00f0	3a 33 34 20 47 4d 54 0d 0a 41 63 63 65 70 74 2d	:34 GMT. Accept-
0100	52 61 6e 67 65 73 3a 20 62 79 74 65 73 0d 0a 41	Ranges: bytes..A

```
Non-authoritative answer:
Name:      linuxhint.com
Addresses: 2606:4700:3033::ac43:d1fc
           2606:4700:3033::6815:3aea
           104.21.58.234
           172.67.209.252
```

```
C:\Users\AJJI>
```

```
C:\Users\AJJI>nslookup pwr.nu.edu.pk
Server:      dns.google
Address:     8.8.8.8
```

```
Non-authoritative answer:
Name:      pwr.nu.edu.pk
Address:   65.254.250.110
```

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http

Filter Buttons Preferences... Label:  Enter a description for the filter button Filter:  Enter a filter expression to be applied

Comment:  Enter a comment for the filter button

No.	Time	Source	Destination	Protocol	Length	Info
13678	55.165939	65.254.250.110	192.168.33.154	HTTP	80	HTTP/1.1 200 OK (PNG)
13681	55.166642	192.168.33.154	65.254.250.110	HTTP	443	GET /fonts/Pe-icon-7-stroke.woff?d7yf1v HTTP/1.1
15548	55.956572	192.168.33.154	65.254.250.110	HTTP	556	GET /js/revolution-slider/js/extensions/revolution.extension.video.min.js HTTP/1.1
15580	55.994737	65.254.250.110	192.168.33.154	HTTP	509	HTTP/1.1 200 OK
15584	55.996363	192.168.33.154	65.254.250.110	HTTP	445	GET /ajax-load/bootstrap-parent-modal.html HTTP/1.1
15832	56.192200	65.254.250.110	192.168.33.154	HTTP	1278	HTTP/1.1 200 OK
15836	56.206825	192.168.33.154	65.254.250.110	HTTP	560	GET /images/latest_news/Shehryar%20AshfaqA.png HTTP/1.1
15910	56.268130	65.254.250.110	192.168.33.154	HTTP	1488	HTTP/1.1 200 OK (JPEG JFIF image)
15911	56.270473	192.168.33.154	65.254.250.110	HTTP	554	GET /images/latest_news/Boot%20Camp1.jpg HTTP/1.1
15913	56.272329	65.254.250.110	192.168.33.154	HTTP	649	HTTP/1.1 301 Moved Permanently (text/html)
15917	56.274929	192.168.33.154	65.254.250.110	HTTP	549	GET /ajax-load/bootstrap-parent-modal.html/ HTTP/1.1
15967	56.408040	192.168.33.154	65.254.250.110	HTTP	554	GET /images/latest_news/RL05%202021a.jpg HTTP/1.1
16005	56.555945	65.254.250.110	192.168.33.154	HTTP	1148	HTTP/1.1 404 Not Found (text/html)
16006	56.557697	192.168.33.154	65.254.250.110	HTTP	582	GET /js/revolution-slider/fonts/revicons/revicons.woff?5510888 HTTP/1.1
16042	56.825865	65.254.250.110	192.168.33.154	HTTP	1122	HTTP/1.1 200 OK (JPEG JFIF image)
16044	56.827888	192.168.33.154	65.254.250.110	HTTP	579	GET /images/latest_news/Mr-Muhammad-Usman-Abbasi-Ph.D-Defence.jpg HTTP/1.1
16046	56.831071	65.254.250.110	192.168.33.154	HTTP	588	HTTP/1.1 200 OK
16048	56.833580	192.168.33.154	65.254.250.110	HTTP	572	GET /images/latest_news/Principles%20for%20Leadership1.jpg HTTP/1.1
16058	56.959218	192.168.33.154	45.33.24.119	HTTP	424	GET /1920x1280 HTTP/1.1
16107	57.199516	192.168.33.154	65.254.250.110	HTTP	543	GET /images/latest_news/1.jpg HTTP/1.1
16112	57.236685	45.33.24.119	192.168.33.154	HTTP	1239	HTTP/1.1 200 OK (PNG)
16126	57.376299	65.254.250.110	192.168.33.154	HTTP	567	HTTP/1.1 200 OK (JPEG JFIF image)
16128	57.378777	192.168.33.154	65.254.250.110	HTTP	559	GET /images/flat-color-icons-svg/calendar.svg HTTP/1.1
16162	57.653265	65.254.250.110	192.168.33.154	HTTP/XL	177	HTTP/1.1 200 OK
16368	59.666270	192.168.33.154	65.254.250.110	HTTP	527	GET /images/19-300 HTTP/1.1

Frame 16005: 1148 bytes on wire (9184 bits), 1148 bytes captured (9184 bits) on interface \Device\NPF\_{D02F559D-570D-4CE0-A4E1-33A6D9EFAF1F}, id 0  
Ethernet II, Src: Routerbo\_1e:0c:99 (cc:2d:e0:1e:0c:99), Dst: HonHaiPr\_6c:ae:21 (a8:6b:ad:6c:ae:21)  
Internet Protocol Version 4, Src: 65.254.250.110, Dst: 192.168.33.154

Type: IPv4 (0x0800)

✓ Internet Protocol Version 4, Src: 65.254.250.110, Dst: 192.168.33.

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

> Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

Total Length: 1134

Identification: 0x363c (13884)

> Flags: 0x40, Don't fragment

Fragment Offset: 0

Time to Live: 40



\*Wi-Fi

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ip.addr == 128.119.245.12

Filter Buttons Preferences

No. Time

62	11.326820
63	11.326941
64	11.662413
65	11.663565
89	18.229324
90	18.229429
91	18.229554
92	18.229611
260	51.717554
261	51.718260
263	51.719453
264	51.720242
267	51.979577
269	52.071558
270	52.071771
271	52.073207
272	52.078280

Wireshark · Packet 271 · Wi-Fi

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/537.36 (KHTML, like Gecko) Chrome/80.0.4012.91 Safari/537.36\r\n  
 Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/svg+xml,\*/\*;q=0.8\r\n  
 Accept-Encoding: gzip, deflate\r\n  
 Accept-Language: en-US,en;q=0.9\r\n  
 If-None-Match: "2524a-3e22aba3a03c0"\r\n  
 If-Modified-Since: Sat, 21 Aug 2004 14:21:11 GMT\r\n  
 \r\n  
[\[Full request URI: http://gaia.cs.umass.edu/wireshark-labs/alice.txt\]](http://gaia.cs.umass.edu/wireshark-labs/alice.txt)  
 [HTTP request 1/1]  
[\[Response in frame: 279\]](#)

0000	cc 2d e0 1e 0c 99 a8 6b ad 6c ae 21 08 00 45 00	..-...k·1·!...E·
0010	02 65 5f 2b 40 00 80 06 41 a1 c0 a8 21 9a 80 77	·e_+@... A...!...w
0020	f5 0c e4 13 00 50 2a b8 06 15 fc 1c 46 70 50 18	.....p*· ....FpP·
0030	02 01 2f a8 00 00 47 45 54 20 2f 77 69 72 65 73	··/...GE T /wires
0040	68 61 72 6b 2d 6c 61 62 73 2f 61 6c 69 63 65 2e	hark-lab s/alice.
0050	74 78 74 20 48 54 54 50 2f 31 2e 31 0d 0a 48 6f	txt HTTP /1.1...Ho
0060	73 74 3a 20 67 61 69 61 2e 63 73 2e 75 6d 61 73	st: gaia .cs.umass