

Wikipedia ip

```
0100 .... = Version: 4
.... 0101 = Header Length: 20 bytes (5)
> Differentiated Services Field: 0x2B (DSCP: AF11, ECN: Not-ECT)
Total length: 1224
Identification: 0x61dd (25053)
> 000. .... = Flags: 0x0
...0 0000 0000 0000 = Fragment Offset: 0
Time to Live: 53
Protocol: TCP (6)
Header checksum: 0x6e7d [validation disabled]
[Header checksum status: Unverified]
Source Address: 199.232.82.172
Destination Address: 172.20.10.5

> Transmission Control Protocol, Src Port: 80, Dst Port: 64629, Seq: 164793, Ack: 1, Len: 1172
Source Port: 80
Destination Port: 64629
[Stream index: 2]
> [Conversation completeness: Incomplete (12)]
[TCP Segment Len: 1172]

0100 04 c8 61 dd 00 00 35 06 4e 7d 07 6a 57 2c ac 14 --a---S: N[0.0.0.0]
0100 05 08 5e 56 75 79 2b 05 f1 c2 2a b6 c2 80 18 --P u v f 1
0100 01 49 14 d8 00 00 01 01 08 0a 22 c4 72 79 59 02 --I-----rYy
0100 8b 2b 54 3a 20 82 25 13 3a 26 51 4e b8 73 a1 45 --T: %:8QN:s-E
0100 50 f5 81 77 92 59 c2 e9 4a 4c 38 b8 a4 c4 e3 --P:W(-:JL8...
0100 41 b4 c7 13 10 44 d2 3e d9 d4 7d 21 92 28 2d --A:---D>:}((-
0100 b6 18 5f 03 bf 42 f9 29 9b 0e 3e 84 83 9a 1c 2b --(-B)--->:--+
0100 a0 fd 8c 76 92 6c 7a 71 2e de 8a c7 17 48 a5 c0 --v-lzq .....H-
0100 60 24 ba 35 d9 00 ff 9b 1f 27 e4 b5 43 bc a1 9b --$-5-----C:--
0100 a0 80 38 2b 0a 3a 10 1e c6 95 75 8c aa a7 3a a0 --:---:---u:---
0100 09 60 d2 6b 6e 19 f4 5b 1c 47 fc de c9 3a 39 01 --B-m[-[G:-->-
0100 a6 a2 a6 8f a4 a6 30 a5 57 12 9e 70 dd 43 6b 09 --:---0:Wap-Ck-
0100 28 71 da c6 a2 55 1a 87 04 36 2b 04 0e 73 82 29 --(q--U---6+:-s-)
0100 4d 36 38 b2 c6 b8 01 40 42 35 6e 5c b2 8e db --M8B-X:~5N...
0100 a3 2b 3e 4f 10 fc 62 1c eb 7e 6a 3f 69 68 6d 0f --+0-b-:j31*
0100 34 91 1c 9e 98 74 40 81 24 27 c7 80 46 91 2f 3f --4---t@ $'2/-/?
0100 96 f4 b3 63 7a b0 80 c0 68 14 3e 8b 2a 7c c3 ab -----1z---h>+*]
0100 f1 c6 c5 b1 6f be ab e2 f2 dc 65 78 22 74 12 --q---o---ex"t-
0100 e8 ae 2c f1 a8 ab c5 47 3b 31 23 9d c0 2d fc --:---:---G j18)
0100 f6 6e ee 15 ed 29 9a 20 70 c7 80 e6 cf 01 50 8f --(-:---) p---P-
0100 1b bf 53 17 f5 23 40 30 98 05 51 45 38 a5 90 b5 --S-#00-QEB...
0100 c9 b8 f2 2a 76 97 5e 66 91 1e d2 d6 95 e2 16 66 --+v-f-:---f
0100 f6 c5 52 55 15 20 dd 07 1f f8 47 21 f2 df 2e --:---U---G1-
0100 50 84 12 df 87 81 3d 1a a6 ad 3a 06 b4 c4 5b 11 --P:---m:---[:
0100 5d b0 d7 69 c4 26 12 5f 6d 1d 41 38 5c 4a b6 2b --]-i-&-m A8J+>
0100 82 f2 38 a9 ab e6 8a 9c cc e7 bf 64 d3 aa 05 8a --8----->

Source Address (src): 4 bytes
Show packet bytes
```

[illegible]

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

http

No.	Time	Source	Destination	Protocol	Length	Info
679	6.942166	199.232.82.172	172.20.10.5	HTTP	1454	Continuation
819	9.508569	172.20.10.5	199.232.82.172	HTTP	511	GET /filestreamingservice/files/303db050-f819-4654-8791-25a5eca13aa4?P1=1723527186&P2=404&P3=2&P4=0sm0%2fQbo4ZEhny3...
860	10.409496	199.232.82.172	172.20.10.5	TCP	1238	80 → 64629 [PSH, ACK] Seq=164793 Ack=1 Win=329 Len=1172 TSval=583299705 TSecr=1501530923
1062	12.927004	2402:4000:11c0:458b::2a04:4e42:54::684	2a04:4e42:54::684	HTTP	530	GET /filestreamingservice/files/4f695ad9-f65b-4ecf-939d-5a0f8aed3d4c?P1=1723529936&P2=404&P3=2&P4=Z4ryMSQWf%2ref164...
3082	20.712477	2402:4000:11c0:458b::2a04:4e42:54::684	2a04:4e42:54::684	HTTP	531	GET /filestreamingservice/files/303db050-f819-4654-8791-25a5eca13aa4?P1=1723527186&P2=404&P3=2&P4=0sm0%2fQbo4ZEhny3...
3465	22.482408	172.20.10.5	199.232.82.172	HTTP	510	GET /filestreamingservice/files/4f695ad9-f65b-4ecf-939d-5a0f8aed3d4c?P1=1723529936&P2=404&P3=2&P4=Z4ryMSQWf%2ref164...

> Frame 679: 1454 bytes on wire (11632 bits), 1454 bytes captured (11632 bits) on interface 0

> Ethernet II, Src: 46:c6:5d:ad:23:64 (46:c6:5d:ad:23:64), Dst: ChongqingFug\_93:75:ab (e8:6f:3)

> Internet Protocol Version 4, Src: 199.232.82.172, Dst: 172.20.10.5

> Transmission Control Protocol, Src Port: 80, Dst Port: 64630, Seq: 113805, Ack: 1, Len: 1388

Source Port: 80

Destination Port: 64630

[Stream index: 1]

> [Conversation completeness: Incomplete (12)]

[TCP Segment Len: 1388]

Sequence Number: 113805 (relative sequence number)

Sequence Number (raw): 1199244190

[Next Sequence Number: 115193 (relative sequence number)]

Acknowledgment Number: 1 (relative ack number)

Acknowledgment number (raw): 2355389457

1000 .... = Header Length: 32 bytes (8)

> Flags: 0x018 (PSH, ACK)

Window: 325

[calculated window size: 325]

0030 01 45 7d 61 00 00 01 01 08 0a f1 e6 64 30 59 7f [f] a.....d0y-

0040 7d 9e 6e 3a 33 90 66 e3 10 a6 31 b1 e2 e5 04 b1 }n:3 f.....1.....

0050 4d 0b 17 7f 64 c8 49 63 08 9c 0c 75 f6 56 ea 45 M:-d Ic...u-V-E

0060 0d 04 95 37 da 20 e6 67 89 99 73 da 67 6d 2b e3 ...7...g...s gmt+

0070 85 17 e1 08 a9 0d a0 04 11 98 0c da 55 78 e4 2d .....Uy-

0080 92 85 b9 24 4b df fa 88 ab 33 3b cb 64 13 23 b2 ...\$K...3; d.#

0090 84 1d b3 92 71 9d 01 24 0f 59 eb a7 a9 2a ff 30 ...q...Y...# 0

00a0 ca be 7f 7b 78 5c ba d6 19 03 34 a2 21 4d e9 34 ...{x\...4 IM:4

00b0 b4 a1 a6 1a be 02 97 f3 d1 34 85 aa 1b d3 01 8f .....4.....

00c0 b2 68 3a ff 2e 9f 99 e4 3a 15 fd 8a 42 9d ef 60 :h:.....B-"

00d0 77 42 c3 10 4d ea f5 6f ad e8 8b 3a 33 d5 6e 48 wB-M-o...3 nH

00e0 23 02 eb 23 d2 f8 78 70 7e 63 33 a6 36 f3 2a fc #...# xp-3 j u..

00f0 23 15 f5 b3 36 80 b9 76 94 2d 6a db 75 5f 75 09 #...6 x...j u..

0100 1c a1 92 2b e2 78 e3 e4 c2 1f 4b 93 4f a7 bb 0b ...+x...K O...

0110 c7 ec c5 9d 9a da 92 07 39 e4 13 15 64 8f d4 95 .....9...d...

0120 8d 83 d7 d3 a0 e3 19 88 14 47 80 d4 56 0d c7 c8 .....G...V...

0130 b6 a2 6e 56 f5 0d 3d b7 a8 1b 3e 85 b0 a0 8e 38 ...nV...>...8

0140 1d e3 5b ce 2d 58 61 a0 19 24 18 d8 04 70 21 01 ...[-Xa...-pl

0150 00 5f 12 49 28 58 47 56 25 18 6b f3 90 b8 b0 ca ...I(XGV %k...-

0160 a8 60 0c b1 da e0 a2 c9 fa 9b ce 4b ef 38 83 e3 ...K-8...

0170 5e 44 01 4f e1 bf 01 e9 29 28 60 79 ab ac 02 24 ^D O...)(y...\$

0180 3b 45 28 46 0e 6d a8 9a 2d 47 e0 5c 04 c0 d3 82 ;E(F m...-G.....

wireshark-Wi-FiW6M6R2.pcapng

Packets: 4742 · Displayed: 6 (0.1%) · Dropped: 0 (0.0%)

Profile: Default

cnn.com

....0..... = IG bit: Globally unique address (factory default)

....0..... = IG bit: Individual address (unicast)

Type: IPv6 (0x86dd)

Internet Protocol Version 6, Src: 2402:4000:11c0:458b:c9b5:3eb7:96f3:ce00, Dst: 2a04:4e42:54::684

0110 .... = Version: 6

> .... 0000 0000 ..... = Traffic Class: 0x00 (DSCP: CS0, ECN: Not-ECT)

.... 1011 1101 0101 1011 1101 = Flow Label: 0xbd5bd

Payload Length: 477

Next Header: TCP (6)

Hop Limit: 64

Source Address: 2402:4000:11c0:458b:c9b5:3eb7:96f3:ce00

Destination Address: 2a04:4e42:54::684

Transmission Control Protocol, Src Port: 64632, Dst Port: 80, Seq: 891, Ack: 2236025, Len: 445

Source Port: 64632

Destination Port: 80

[Stream index: 9]

> [Conversation completeness: Incomplete (12)]

[TCP Segment Len: 445]

00 46 c6 5d ad 23 64 e8 6f 38 93 75 ab 86 dd 60 0b F.]#d o 8 u...:

01 d5 bd 01 dd 0e 40 2a 02 40 00 11 c0 45 8b c9 b5 ...@5 @-E...

02 3e b7 96 f3 ce 00 2a 04 4e 42 00 54 00 00 00 00 >.....\*.NB.T....

03 00 00 00 00 06 84 fc 78 00 50 4a b7 26 a8 fc 68 .....x P3 &...h

04 9b 98 00 18 00 0a 1e 4d 00 00 01 01 00 0a 59 8a .....M [C...Y-

05 3c 19 5a 6e f3 a2 42 45 54 20 2f 66 69 6c 65 73 <Zn-GE f/files

06 74 72 65 61 6d 69 6e 67 73 65 72 76 69 63 65 2f treaming service/

07 66 69 6c 65 73 2f 33 30 33 64 62 30 35 30 2d 66 files/30 3db050-f

08 38 31 39 2d 34 36 35 34 2d 38 37 39 31 2d 32 35 819-4654 -8791-25

09 61 35 65 63 61 31 33 61 61 34 3f 50 31 3d 31 37 a5eca13a a47P1=17

0a 32 33 35 32 37 31 38 36 26 50 32 3d 34 30 34 26 23527186 AP2=404&

0b 50 33 3d 32 26 50 34 3d 4f 73 6d 30 25 32 66 51 P3=2&P4= 0sm0%2fQ

0c 62 6f 34 5a 45 4e 6e 79 33 41 4f 63 76 4b 33 51 bo4ZEhny 3A0cvK3Q

0d 36 4b 43 6e 51 6e 65 6d 4a 74 4c 51 51 32 32 48 6KCrQnem 7tlQQ22H

0e 70 42 0b 4a 73 66 33 36 32 73 71 78 69 4e 6e 71 pBk3sf36 2sqxiNnq

0f 68 77 55 32 50 64 48 25 32 66 76 74 36 37 39 75 hu0ZPdhK 2fvt6579u

10 5a 6f 25 32 66 70 35 46 69 4f 64 53 59 66 67 55 ZoK2fP5F 10dSYfgU

11 76 4e 55 77 25 33 64 25 33 64 20 48 54 54 50 2f vNuWk3d% 3d HTTP/

12 31 2e 31 0d 0a 43 6f 6e 6e 65 63 74 69 6f 6e 3a 1.1 -Con nection:

13 20 4b 65 65 70 2d 41 6c 69 76 65 0d 0a 41 63 63 Keep-Al ive-Acc

14 65 70 74 3a 20 2a 2f 2a 0d 0a 52 61 6e 67 65 3a eqpt: \*/\* -Range:

15 20 62 79 74 65 73 3d 31 35 39 33 38 33 35 35 32 bytes=1 59383552

16 2d 31 36 30 34 33 32 31 32 37 0d 0a 55 73 65 72 -1604321 27 -User

17 2d 41 67 65 6e 74 3a 20 4d 69 63 72 6f 73 6f 66 -Agent: Microsof

18 74 2d 44 65 6c 69 76 65 72 79 2d 4f 70 74 69 6d t-Delive ry-Optim

19 69 7a 61 74 69 6f 6e 2f 31 30 2e 31 0d 0a 4d 53 ization/ 10.1 -MS

12699 - Time: 114114679 - Source: 2402:4000:11c0:458b:c9b5:3eb7:96f3:ce00 - Destination: 2a04:4e42:54::684 - Protocol: HTTP - Length: 531 - Info: ...P1=1723527186&P2=404&P3=2&P4=0sm0%2fQbo4ZEhny3A0cvK3QKCrQnemJLQQ22Hpbk3sf362sqxiNnqhu0ZPdhK2fvt6579uZoK2fP5F10dSYfgUvNuWk3d3d HTTP/1.1

how.nxmarket.hosts